



# MOTORTEILE

**DES**   
Fördertechnik

Matthias Manzeit  
Mühlenstraße 26, 53347 Alfter  
Tel. +49 (0) 228 243 666 88  
[info@des-foerdertechnik.de](mailto:info@des-foerdertechnik.de)  
[www.des-foerdertechnik.de](http://www.des-foerdertechnik.de)



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# NICE TO KNOW



## NICE TO KNOW

When overhauling an engine, a thorough inspection is always the best starting point.

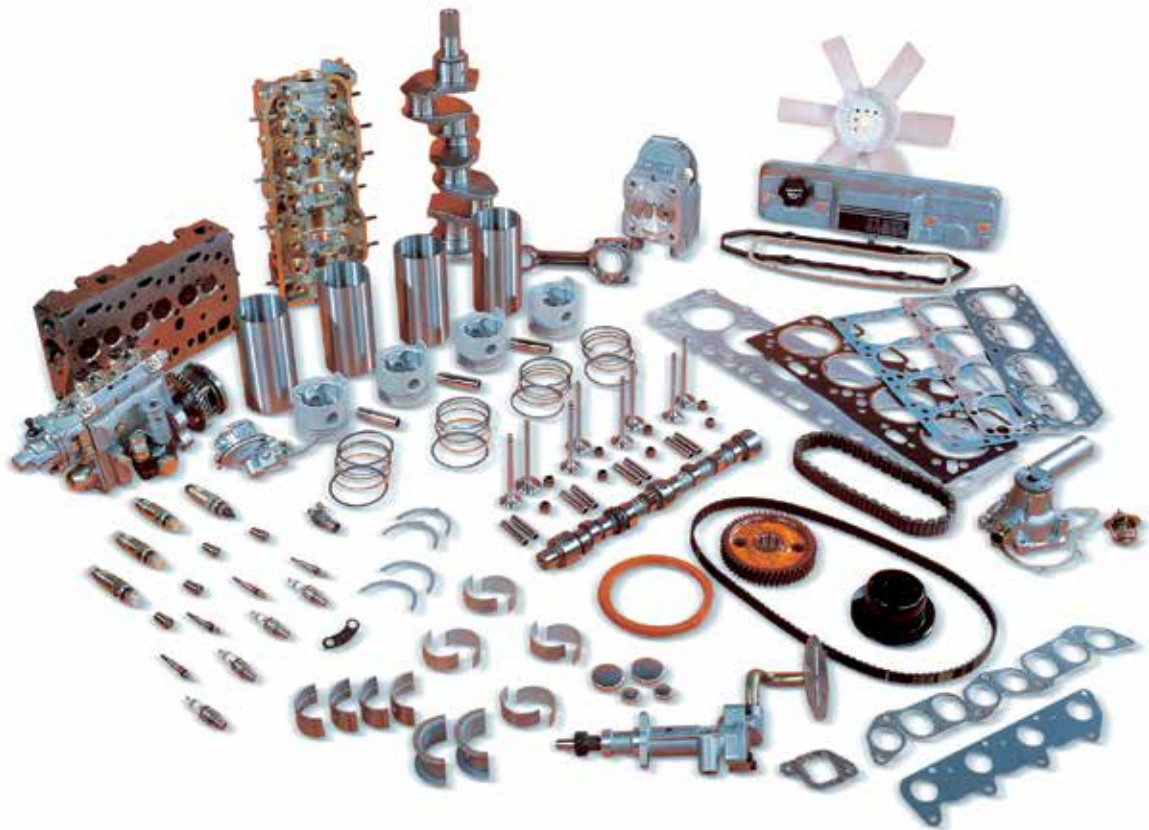
If the engine failed due to premature wear or breakage, it is necessary to first track and repair the cause of the breakdown or the premature wear.

Eliminating this cause will prevent the same problem from reoccurring in the future.

Examples of possible causes are: taking in unfiltered air, using contaminated or bad oil, insufficient cooling ...

We offer an extensive range of high-quality parts for different types of engines (including engines for aerial work platforms and agricultural vehicles). In addition to the normal wear parts, this catalogue also features a chapter dedicated to cylinder heads and crankshafts.

We also offer a wide range of exchange engines and can overhaul old engines.





## ENGLISH: HOW TO USE THIS MANUAL

### Engine characteristics:

First, look up the correct make in the catalogue. The makes are listed alphabetically. At the top of the page you can find the make and type of the engine, underneath you can find the specifications and what makes of truck this engine is used in. You can find the list of makes on pages B to F.

<b>Make and type of the engine</b>
Specifications: <b>gasoline or diesel engine · number of cylinders · bore</b>
In: <b>the makes in which this engine is used</b>

### Indications:

Each engine part is given an indication, in order to facilitate the identification of the correct reference as much as possible.

**E.g. 4 PI 058001 STD A**  
 (5) (1) (2) (3) (4)

(1) = PI is the (abbreviated) indication of the engine part (piston). You can find this indication in the list on pages 6 to 8.

(2) = 058001 is our internal reference for this specific engine.

(3) = Certain engine parts (pistons, bearings, etc.) are available in different dimensions (standard/oversize/undersize). Here you find an indication of the size of the part.

E.g. STD: standard  
 025: 0,250 mm oversize or undersize  
 0125: 0,125 mm oversize or undersize  
 0254: 0,254 mm oversize or undersize

(4) = If different designs of an engine part are available, these are indicated by A, B, C, etc. The characteristics of the different designs are shown in the column "REMARKS".

(5) = The number in front of the notation of the engine part indicates how many pieces the reference consists of. This way you know what quantity to order. If nothing is stated, then the default rule applies. You can find this in the list on pages 6-7.

### Examples:

#### 1) 4PI 058006STDA:

In the parts list on pages 6-7 you can see that PI is the indication of the piston. In the last column you can find the default rule, indicating that a piston is always supplied 'per piston'. In this example the '4' at the beginning of the indication indicates that these pistons are always supplied in a set of 4 pieces.

**058006:** this is our internal number for a TOYOTA 2J engine.  
**STD:** indicates that it concerns the standard size of the piston.  
**A:** the 2J engine has several designs of pistons. This piston (A) is one of the possible designs.

So this reference 4PI 058006STDA consists of 4 standard pistons type A for a TOYOTA 2J engine.

#### 2) 1BL 057004025:

In the list you can see that BL is a connecting rod bearing set. According to the rule these are always supplied per connecting rod or two bearing halves. The 1 at the beginning of the indication indicates that this reference only contains 1 bearing half.

**057004:** NISSAN J15  
**025:** undersize 0,25 mm





## Engine parts:

### 1. Pistons, piston rings, liners, liner assemblies

PI 134001STDA	4	With 4 ring grooves, head shape A	
PI 134001STDB	4	With 4 ring grooves, head shape B	
PI 134001STDC	4	With 3 ring grooves, height: 84.6 mm, without piston pin	
PI 134001STDD	4	With 3 ring grooves, height: 90.6 mm, without piston pin	
PP 134001	4		
PC 134001	8		
1SE 134001STDA	4	With piston A	
1SE 134001STDB	4	With piston B	
1SE 134001STDC	4	With piston C	
1SE 134001STDD	4	With piston D	
CH 134001	4		
4AS 134001A	1	With piston A	
4AS 134001B	1	With piston B and piston pin bushing: 27.0 x 30.0 x 30.0 mm	
4AS 134001C	1	With piston C	
4AS 134001D	1	With piston D	
4AS 134001E	1	With piston B and piston pin bushing: 27.0 x 30.0 x 54.0 mm	

If different designs of pistons are available, the references are listed consecutively in the list. The different piston rings are also listed. Design A of the piston rings matches with design A of the pistons. The same goes for the liner assemblies. Should there be a difference however, this will be noted in the column "REMARKS".

### 2. Valves, tappets, valve guides

If different designs of valves are available for an engine, then the different dimensions, valve grooves or valve seat angles are stated in the column "REMARKS".

### 3. Bearings

In the column "REMARKS" you can always find how many times the part in question is used per engine. This is stated in the column Qty/eng. When ordering bearings you need to check exactly how many bearings you need and how many bearings the reference contains. When doing so, please disregard the drawing in the box above. This is merely a representation of the bearings. In the column "STD shaft dia" you can find the standard shaft diameter.

### 4. Gasket kits, gaskets

The gaskets that are typical of the different gasket sets are marked with A, B, C, etc ... The markings (A, B, C, etc ...) refer to the respective versions of the gasket sets (A, B, C, etc ...).

KP 058004A	1	With front and rear oil seals, with valve seals	
KP 058004B	1	With front and rear oil seals, with valve seals	
KP 058004C	1	With front and rear oil seals, with valve seals	
KP 058004D	1	With front and rear oil seals, with valve seals	

KP 058004E	1	With front and rear oil seals, with valve seals	
BP 058004A	1		
BP 058004B	1		
BP 058004C	1		
BP 058004D	1		
BP 058004E	1		
JC 058004A	1		
JC 058004B	1		
JC 058004D	1		
KA 058004A	8	O-ring	
KA 058004D	8		
SV 058004A	1	58.0 x 38.5 x 11.0 mm	
SV 058004B	1	88.0 x 45.0 x 12.0 mm	
SA 058004	1		
KD 058004A	1	Length: 440.0 mm	
KD 058004B	1	Length: 450.0 mm	



The gasket kit [KP058004A](#) includes among other things the gaskets marked with an A. The same goes for the kit references ending in B, C, D and E. To order the correct gasket kit, please check which gaskets are used for your engine.

If e.g. the following gaskets are used in your engine, then the gasket kit to order is [KP058004D](#).



The same principle applies to the top gasket kits.

The different cylinder head gaskets [JC058004A](#), [JC058004B](#) and [JC058004D](#) are designated respectively with JCA, JCB and JCD.

Next to each gasket kit is also mentioned in the remarks whether the (rear and front) crankshaft oil seals and/or the valve seals are included in the kit.

If these seals are not included, they can be ordered separately:

- KA: valve stem seal (per piece)
- SV: oil seal, front
- SA: oil seal, rear

## 5. Oil pumps, water pumps

Here again the different repair kits (A, B, etc ... ) match the corresponding pumps (A, B, etc ... ).

In the right-hand column a photograph of the actual pump is always shown.

With the water pump you also receive a photograph of the top and bottom. The height and the length of the pump are always mentioned.



## 6. Glow plugs, spark plugs

The differences between the different glow plugs are always stated.

E.g. 10,5 V; M10; total length: 89 mm

- Voltage: 10,5 V
- Thread: M10
- Total length: 89 mm

The differences between the spark plugs are indicated with the type.

E.g. W14- EXU



## Parts list

English

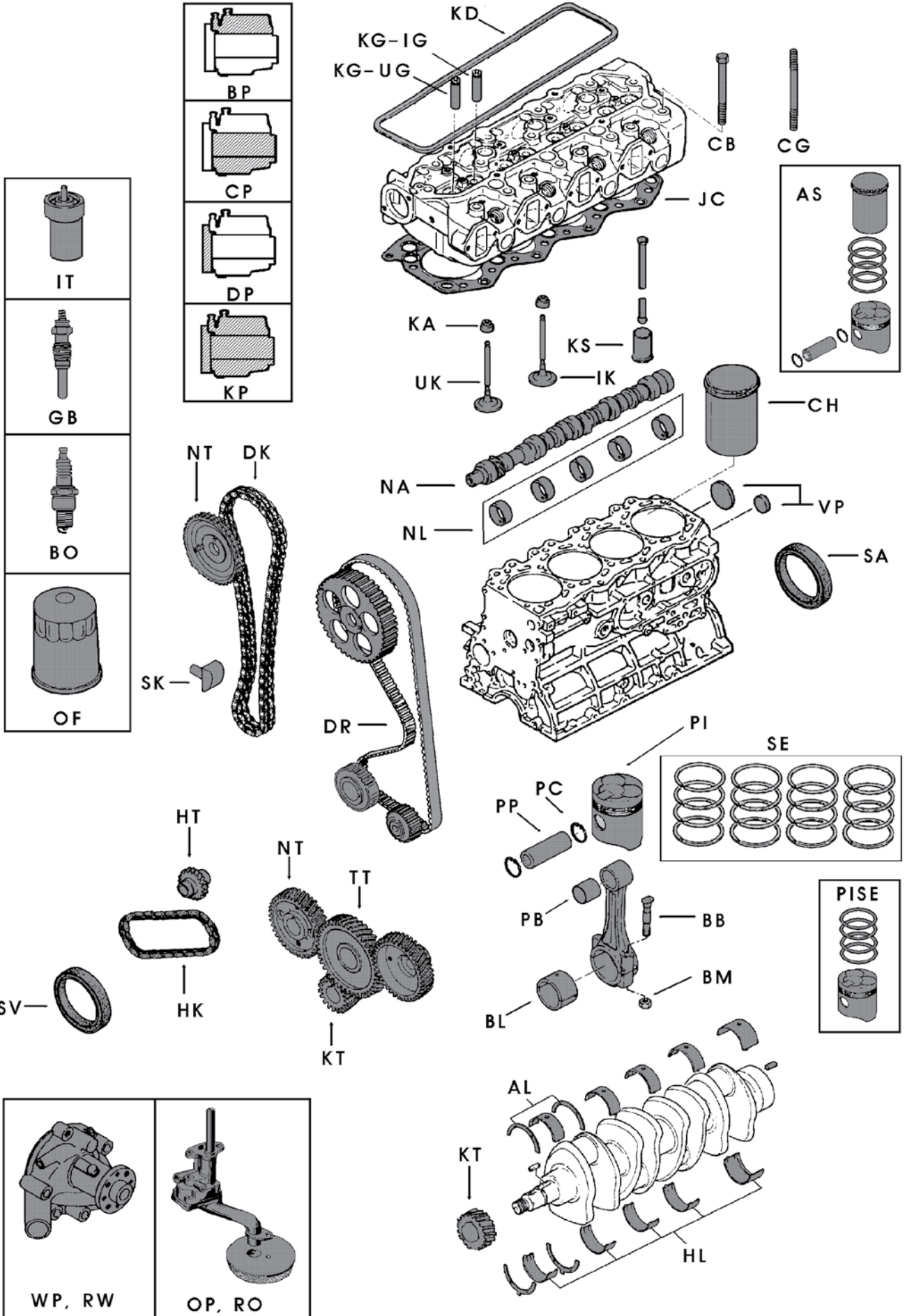
	ID	Description	Contents		ID	Description	Contents
<b>PISTONS, CYLINDER SLEEVES AND ACCESSORIES</b>				<b>BEARINGS</b>			
	<b>PI</b>	piston (with or without pin)	per piston		<b>HL</b>	main bearing set	engine set
	<b>PP</b>	piston pin	1 piece		<b>AL</b>	thrust washer set	engine set
	<b>PC</b>	retaining ring, piston pin	1 piece		<b>BL</b>	bearing set, connecting rod	per con rod
	<b>SE</b>	ring set	engine set		<b>PB</b>	bush, piston pin	1 piece
	<b>PISE</b>	piston (with or without pin) + ring set	per piston		<b>NL</b>	camshaft bearing set	engine set
	<b>CH</b>	sleeve	1 piece	<b>GASKETS</b>			
	<b>AS</b>	sleeve assy (piston, rings, sleeve)	per cylinder		<b>KP</b>	overhaul gasket kit	1 piece
<b>VALVES AND RELATED PARTS</b>					<b>BP</b>	gasket kit, valve regrind	1 piece
	<b>IK</b>	intake valve	1 piece		<b>CP</b>	gasket kit, bottom	1 piece
	<b>UK</b>	exhaust valve	1 piece		<b>JC</b>	gasket, cylinder head	1 piece
	<b>KS</b>	tappet, valve	1 piece		<b>DP</b>	gasket kit, timing	1 piece
	<b>IG</b>	guide, intake valve	1 piece		<b>KA</b>	valve seal	1 piece
	<b>UG</b>	guide, exhaust valve	1 piece		<b>SV</b>	oil seal crankshaft, front	1 piece
	<b>KG</b>	guide, intake/exhaust valve	1 piece		<b>SA</b>	oil seal crankshaft, rear	1 piece



## Parts list

English

	ID	Description	Contents		ID	Description	Contents
	<b>KD</b>	gasket, valve cover	1 piece		<b>KT</b>	gear, crankshaft	1 piece
<b>HARDWARE</b>					<b>TT</b>	gear, idler	1 piece
	<b>CB</b>	bolt, cylinder head	1 piece		<b>HT</b>	gear, hydraulic pump drive	1 piece
	<b>VP</b>	kit expansion plugs	engine set		<b>DK</b>	chain, timing	1 piece
	<b>BB</b>	bolt, connecting rod	1 piece		<b>SK</b>	chain tensioner	1 piece
	<b>BM</b>	nut, connecting rod	1 piece		<b>DR</b>	belt, timing	1 piece
	<b>CG</b>	stud, cylinder head	1 piece		<b>HK</b>	chain, hydraulic pump drive	1 piece
<b>WATER AND OIL PUMPS</b>					<b>OK</b>	chain, oil pump drive	1 piece
	<b>OP</b>	oil pump	1 piece	<b>FILTERS, IGNITION AND INJECTION</b>			
	<b>WP</b>	water pump	1 piece		<b>OF</b>	oil filter	1 piece
	<b>RO</b>	repair kit, oil pump	1 piece		<b>BO</b>	spark plug	1 piece
	<b>RW</b>	repair kit, water pump	1 piece		<b>GB</b>	glow plug	1 piece
<b>TIMING PARTS</b>					<b>IT</b>	nozzle, injector	1 piece
	<b>NA</b>	camshaft	1 piece				
	<b>NT</b>	gear, camshaft	1 piece				





## FRANÇAIS: COMMENT UTILISER CE CATALOGUE

**Caractéristiques du moteur:**

Recherchez d'abord la marque dans le catalogue. Les marques sont classées alphabétiquement. En haut de chaque page, vous trouverez la marque et le type, là-dessous les spécifications et les marques dans lesquelles se trouve le moteur. Vous retrouverez la liste des marques aux pages B à F.

## Marque et type du moteur

Spécifications: **essence ou diesel** · **nombre de cylindres** · **alésage**Dans: **les marques dans lesquelles se trouve ce moteur****Notations:**

Chaque pièce moteur reçoit une notation afin de faciliter au mieux la recherche de la bonne référence.

**P.ex. 4 PI 058006 STD A**  
(5) (1) (2) (3) (4)

(1) = PI est l'indication de la pièce moteur (piston). Vous trouverez cette notation dans la liste aux pages 12 à 14.

(2) = 058006 est notre numéro interne pour ce moteur spécifique.

(3) = Lorsque certaines pièces moteur ont une cote majorée ou minorée (p.ex. de pistons, coussinets, etc.), elles sont désignées comme suit .

STD: standard  
025: cote majorée ou minorée de 0,250 mm  
0125: cote majorée ou minorée de 0,125 mm  
0254: cote majorée ou minorée de 0,254 mm

(4) = Lorsqu'il existe plusieurs versions d'une certaine pièce moteur, celles-ci sont désignées par A, B, C ... Les particularités de ces versions sont mentionnées dans la colonne 'REMARKS'.

(5) = Le nombre avant l'indication de la pièce moteur indique dans combien de pièces consiste la notation. Ainsi, vous savez combien de pièces vous devez commander. Si rien n'est mentionné, la règle standard s'applique. Vous la trouverez dans la liste aux pages 12-13.

**Exemples:****1) 4PI 058006STDA:**

Dans la liste des pièces aux pages 12-13, vous verrez que PI est l'indication du piston. Dans la dernière colonne, vous trouverez la règle standard, qui indique qu'un piston est toujours fourni 'par piston'. Dans cet exemple, le '4' en avant dans la notation indique que ces pistons sont toujours fournis par 4.

**058006:** notre numéro interne désignant le moteur TOYOTA 2J.

**STD:** indique la cote standard du piston.

**A:** Il existe différentes versions de pistons pour le moteur 2J. Le piston A en est un exemple.

La référence 4PI 058006STDA consiste en 4 pistons standards pour un moteur TOYOTA 2J du type A.

**2) 1BL 057004025:**

Dans la liste, vous verrez que BL est un coussinet de bielle. Selon la règle, la livraison se fait par bielle ou deux demi-coussinets. Le '1' en avant dans la notation indique qu'il s'agit ici d'un seul demi-coussinet.

**057004:** NISSAN J15

**025:** cote minorée 0,25 mm





## Pièces moteur:

### 1. Pistons, segments, chemises, ensemble de chemises

PI 134001STDA	4	With 4 ring grooves, head shape A	
PI 134001STDB	4	With 4 ring grooves, head shape B	
PI 134001STDC	4	With 3 ring grooves, height: 84.6 mm, without piston pin	
PI 134001STDD	4	With 3 ring grooves, height: 90.6 mm, without piston pin	
PP 134001	4		
PC 134001	B		
1SE 134001STDA	4	With piston A	
1SE 134001STDB	4	With piston B	
1SE 134001STDC	4	With piston C	
1SE 134001STDD	4	With piston D	
CH 134001	4		
4AS 134001A	1	With piston A	
4AS 134001B	1	With piston B and piston pin bushing: 27.0 x 30.0 x 30.0 mm	
4AS 134001C	1	With piston C	
4AS 134001D	1	With piston D	
4AS 134001E	1	With piston B and piston pin bushing: 27.0 x 30.0 x 54.0 mm	

Lorsqu'il existe différentes versions des pistons, leurs références seront notées l'une après l'autre, ainsi que les références des différents segments. Par conséquent, la version A des segments appartient à la version A des pistons. C'est également le cas avec les ensembles de chemises. Sinon, ceci est toujours mentionné dans la colonne 'REMARKS'.

### 2. Soupapes, poussoirs de soupape, guides de soupapes

Lorsqu'il existe différentes soupapes pour un certain moteur, vous retrouverez les différentes dimensions, rainures ou angles de siège de soupape dans la colonne 'REMARKS'.

### 3. Coussinets

Dans la colonne "REMARQUES", il est toujours mentionné combien de fois la pièce en question est présente par moteur. Ceci se trouve dans la colonne Qty/eng. Lorsque vous commandez des coussinets, il faut examiner attentivement combien de coussinets vous avez besoin et combien de coussinets sont compris dans la référence. Ne tenez absolument pas compte des dessins dans le cadre supérieur, ce ne sont que des représentations des coussinets. Le diamètre standard de l'axe est noté dans la colonne 'STD shaft dia'.

### 4. Kit de joints, joints

Les joints qui sont caractéristiques pour les différents kits sont indiqués par A, B, C ... Ces lettres réfèrent respectivement aux différentes versions des kits (A, B, C, etc.).

KP 058004A	1	With front and rear oil seals, with valve seals	
KP 058004B	1	With front and rear oil seals, with valve seals	
KP 058004C	1	With front and rear oil seals, with valve seals	
KP 058004D	1	With front and rear oil seals, with valve seals	

KP 058004E	1	With front and rear oil seals, with valve seals	
BP 058004A	1		
BP 058004B	1		
BP 058004C	1		
BP 058004D	1		
BP 058004E	1		
JC 058004A	1		
JC 058004B	1		
JC 058004D	1		
KA 058004A	B	O-ring	
KA 058004D	B		
SV 058004A	1	58.0 x 38.5 x 11.0 mm	
SV 058004B	1	68.0 x 45.0 x 13.0 mm	
SA 058004	1		
KD 058004A	1	Length: 440.0 mm	
KD 058004B	1	Length: 450.0 mm	



Le kit joints [KP058004A](#) comprend e.a. les joints indiqués par une A. La même logique vaut pour les versions B, C, D, E. Afin de commander le bon kit de joints, il faut contrôler quels joints sont caractéristiques pour le moteur.

Si le moteur contient les joints suivants, le kit de joints [KP058004D](#) doit être commandé.



Ce tout s'applique aussi aux kits de joints ci-dessus.

Les différents joints de culasse [JC058004A](#), [JC058004B](#) et [JC058004D](#) sont respectivement indiqués par JCA, JCB et JCD.

Avec chaque kit, il est indiqué comme remarque si les joints d'étanchéité de vilebrequin (avant et arrière) et/ou les joints de queue de soupape sont présents.

Sinon, vous pouvez les commander séparément:

KA: joint de queue de soupape (par pièce)

SV: joint d'étanchéité de vilebrequin, avant

SA: joint d'étanchéité de vilebrequin, arrière

## 5. Pompes à huile, pompes à eau

Les différents kits de réparation (A, B, etc.) appartiennent aux pompes respectives (A, B, etc.).

Dans la colonne à droite, une photo de la pompe est toujours insérée.

Avec la pompe à eau, vous recevrez une photo de vue d'en haut et de dessous. La hauteur et la longueur de la pompe sont aussi mentionnées.



## 6. Bougies de préchauffage, bougies d'allumage

Les différences entre les bougies de préchauffage sont toujours indiquées.

P.ex. 10,5 V; M10; longueur totale: 89 mm

Tension: 10,5 V

Filetage: M 10

Longueur totale: 89 mm

Les différences entre les bougies d'allumage sont marquées par leur type.

P.ex. W14- EXU





## Liste des pièces

Français

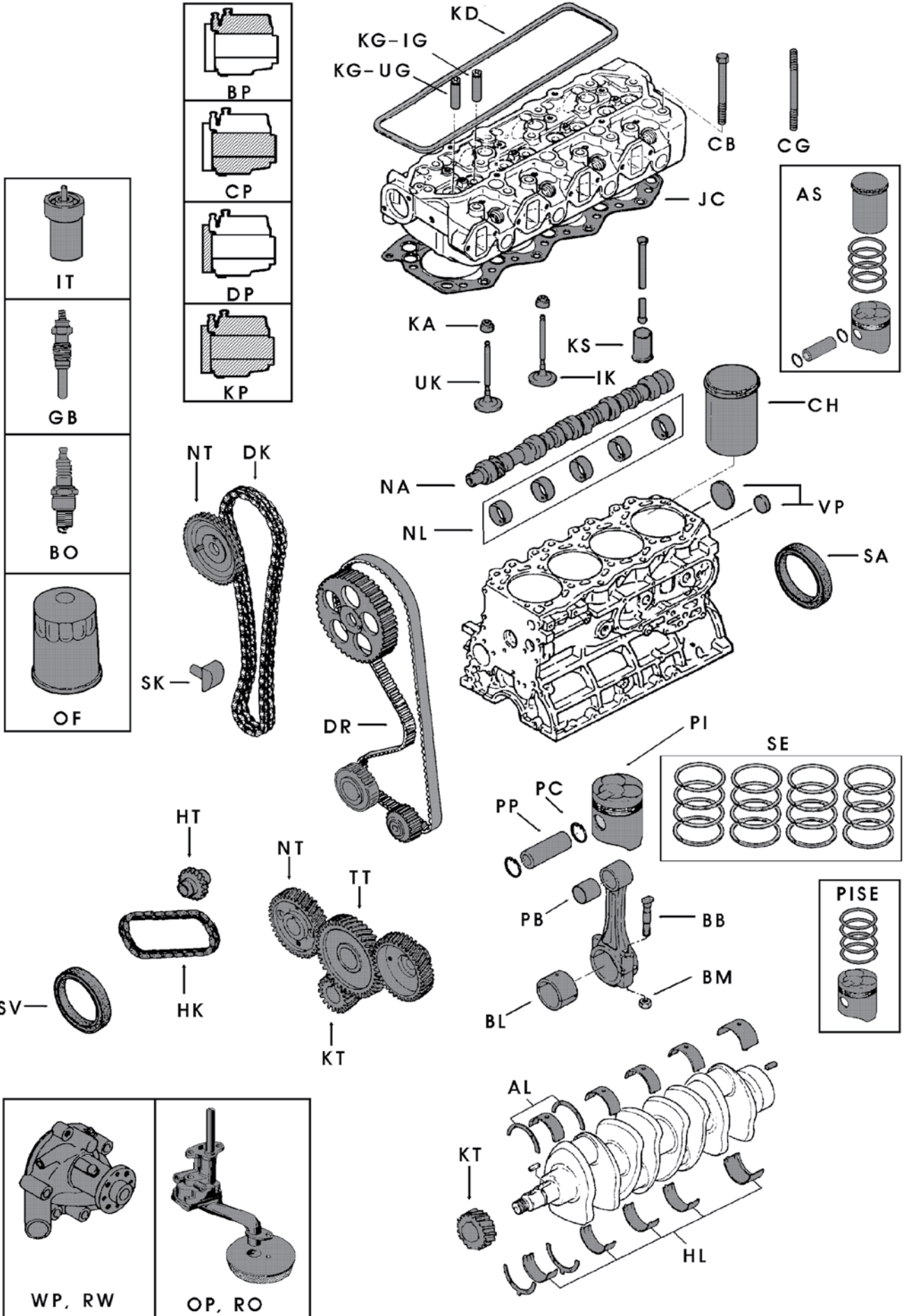
	Symb.	Description	Principe générale		Symb.	Description	Principe générale
<b>PISTONS, CHEMISES ET ACCESSOIRES</b>				<b>COUSSINETS</b>			
	<b>PI</b>	piston (avec ou sans axe)	par piston		<b>HL</b>	jeu de coussinets de paliers	kit moteurs
	<b>PP</b>	axe de piston	1 pièce		<b>AL</b>	jeu de coussinets latéraux	kit moteurs
	<b>PC</b>	baquet d'arrêt, axe de piston	1 pièce		<b>BL</b>	jeu de coussinets de bielle	par bielle
	<b>SE</b>	jeu de segments	par moteur		<b>PB</b>	bague, axe de piston	par bague
	<b>PISE</b>	piston (avec ou sans axe) + jeu de segments	par piston		<b>NL</b>	jeu de coussinets d'arbre à cames	kit moteurs
	<b>CH</b>	chemise	1 pièce	<b>JOINTS</b>			
	<b>AS</b>	ensemble de chemises (chemise, piston, segments)	par cylindre		<b>KP</b>	kit de joints complet	1 pièce
<b>SOUPAPES ET PIÈCES LIÉES</b>					<b>BP</b>	kit de joints supérieur	1 pièce
	<b>IK</b>	soupape d'admission	1 pièce		<b>CP</b>	kit de joints inférieur	1 pièce
	<b>UK</b>	soupape d'échappement	1 pièce		<b>JC</b>	joint de culasse	1 pièce
	<b>KS</b>	poussoir de soupape	1 pièce		<b>DP</b>	kit de joints de distribution	1 pièce
	<b>IG</b>	guide de soupape d'admission	1 pièce		<b>KA</b>	joint de queue de soupape	1 pièce
	<b>UG</b>	guide de soupape d'échappement	1 pièce		<b>SV</b>	joint d'étanchéité de vilebrequin, avant	1 pièce
	<b>KG</b>	guide de soupape d'admission/d'échappement	1 pièce		<b>SA</b>	joint d'étanchéité de vilebrequin, arrière	1 pièce



## Liste des pièces

Français

	Symb.	Description	Principe générale		Symb.	Description	Principe générale
	<b>KD</b>	joint de cache-soupape	1 pièce		<b>KT</b>	pignon de vilebrequin	1 pièce
<b>VISSERIE</b>					<b>TT</b>	pignon intermédiaire	1 pièce
	<b>CB</b>	boulon de culasse	1 pièce		<b>HT</b>	pignon d'entraînement de pompe hydraulique	1 pièce
	<b>VP</b>	jeu de pastilles de sablage	par moteur		<b>DK</b>	chaîne de distribution	1 pièce
	<b>BB</b>	boulon de bielle	1 pièce		<b>SK</b>	tendeur de chaîne	1 pièce
	<b>BM</b>	écrou de bielle	1 pièce		<b>DR</b>	courroie de distribution	1 pièce
	<b>CG</b>	goujon de culasse	1 pièce		<b>HK</b>	chaîne d'entraînement de pompe hydraulique	1 pièce
<b>POMPES À EAU ET À HUILE</b>					<b>OK</b>	chaîne d'entraînement de pompe à huile	1 pièce
	<b>OP</b>	pompe à huile	1 pièce	<b>FILTRES, ALLUMAGE ET INJECTION</b>			
	<b>WP</b>	pompe à eau	1 pièce		<b>OF</b>	filtre à huile	1 pièce
	<b>RO</b>	kit de réparation de pompe à huile	1 pièce		<b>BO</b>	bougie d'allumage	1 pièce
	<b>RW</b>	kit de réparation de pompe à eau	1 pièce		<b>GB</b>	bougie de préchauffage	1 pièce
<b>PIÈCES DE DISTRIBUTION</b>					<b>IT</b>	nez d'injecteur	1 pièce
	<b>NA</b>	arbre à cames	1 pièce				
	<b>NT</b>	pignon d'arbre à cames	1 pièce				





## Nederlands: Hoe kunt u deze catalogoog gebruiken

### Motorgegevens:

Zoek eerst het juiste merk op in de catalogoog. De merken staan alfabetisch. Bovenaan elke pagina vindt u het merk en type, daaronder staan de specificaties en in welke merken de motor voorkomt. U vindt de lijst van de merken op pagina B t.e.m. F.

### Merk en type van de motor

Specificaties: **benzine- of dieselmotor** · **aantal cilinders** · **boring**

In: **de merken waarin deze motor voorkomt**

### Notaties:

Ieder motoronderdeel krijgt een notatie, om het opzoeken van de juiste referentie zo gemakkelijk mogelijk te maken.

**Vb. 4 PI 058006 STD A**  
(5) (1) (2) (3) (4)

(1) = PI is de aanduiding van het motoronderdeel (zuiger).  
U vindt deze aanduiding in de lijst op pagina 18 tot 20.

(2) = 058006 is ons intern nummer voor deze specifieke motor.

(3) = Indien er overmaten of ondermaten bestaan van bepaalde motoronderdelen ( bv. van zuigers, lagers, enz. )  
dan worden deze hier genoteerd.

Vb. STD: Standaard

025: overmaat of ondermaat van 0,250 mm

0125: overmaat of ondermaat van 0,125 mm

0254: overmaat of ondermaat van 0,254 mm

(4) = Indien er meerdere uitvoeringen van een bepaald motoronderdeel bestaan, worden deze verschillende uitvoeringen aangeduid met A, B, C, enz. De onderscheidende kenmerken van die uitvoeringen worden in de kolom 'REMARKS' vermeld.

(5) = Het getal voor de aanduiding van het motoronderdeel, geeft aan uit hoeveel stukken de notatie bestaat.  
Zo weet u hoeveel stukken u moet bestellen. Is er niets vermeld, dan geldt de standaardregel.  
U vindt deze in de lijst op pagina 18-19.

### Voorbeelden:

#### **1) 4PI 058006STDA:**

In de onderdelenlijst op pg 18-19 vindt u dat PI de aanduiding is van de zuiger. In de laatste kolom vindt u de standaardregel, die aangeeft dat een zuiger altijd 'per zuiger' wordt geleverd. In dit voorbeeld duidt de '4' vooraan in de notatie er op dat deze zuigers altijd per 4 geleverd worden.

**058006:** is ons intern nummer van de TOYOTA motor 2J.

**STD:** duidt op de standaardmaat van de zuiger.

**A:** De motor 2J heeft verschillende uitvoeringen van zuigers. Deze zuiger (A) is één van die uitvoeringen.

Het nummer 4PI 058006STDA bestaat dus uit 4 standaardzuigers voor een TOYOTA motor 2J van het type A.

#### **2) 1BL 057004025:**

In de lijst vindt u dat BL een drijfstaaglagerset is. Volgens de regel gebeurt de levering per drijfstaag of twee halve lagers. De 1 vooraan in de notatie geeft aan dat het hier maar om 1 halve lager gaat.

**057004:** NISSAN J15

**025:** ondermaat 0,25 mm



## Motoronderdelen:

### 1. Zuigers, zuigerringen, cilinderbus, cilinderbus kit

PI 134001STDA	4	With 4 ring grooves, head shape A	
PI 134001STDB	4	With 4 ring grooves, head shape B	
PI 134001STDC	4	With 3 ring grooves, height: 84.6 mm, without piston pin	
PI 134001STDD	4	With 3 ring grooves, height: 90.6 mm, without piston pin	
PP 134001	4		
PC 134001	8		
1SE 134001STDA	4	With piston A	
1SE 134001STDB	4	With piston B	
1SE 134001STDC	4	With piston C	
1SE 134001STDD	4	With piston D	
CH 134001	4		
4AS 134001A	1	With piston A	
4AS 134001B	1	With piston B and piston pin bushing: 27.0 x 30.0 x 30.0 mm	
4AS 134001C	1	With piston C	
4AS 134001D	1	With piston D	
4AS 134001E	1	With piston B and piston pin bushing: 27.0 x 30.0 x 54.0 mm	

Indien er verschillende uitvoeringen zijn van de zuigers dan worden hun nummers onder elkaar genoteerd. Ook de nummers van de verschillende zuigerringen worden onder elkaar genoteerd. Nu is het wel zo dat de uitvoering A van de zuigerringen bij de uitvoering A van de zuigers hoort. Dit is ook het geval met de cilinderbus-kits. Indien dit niet het geval is wordt dit steeds vermeld in de kolom "REMARKS".

### 2. Kleppen, klepstoters, klepgeleiders

Indien er verschillende kleppen bestaan van een bepaalde motor worden de verschillende afmetingen, klepgroeven of zittingshoeken genoteerd in de kolom "REMARKS".

### 3. Lagers

In de kolom "REMARKS" is steeds vermeld hoeveel maal het desbetreffend onderdeel aanwezig is per motor. Dit staat vermeld in de kolom Qty/eng. Bij het bestellen van lagers moet u aandachtig nagaan hoeveel lagers u nodig heeft en hoeveel lagers het nummer bevat. Daarbij mag u zeker geen rekening houden met de tekeningen in het bovenstaand kadertje. Dit zijn enkel voorstellingen van de lagers. In de kolom "STD shaft dia" is de standaard-asdiameter genoteerd.

### 4. Dichtingssets, dichtingen

De dichtingen die typisch zijn voor de verschillende sets worden aangeduid met A, B, C, etc. De aanduidingen (A, B, C, etc.) verwijzen respectievelijk naar de verschillende uitvoeringen van de sets (A, B, C, etc.).

KP 058004A	1	With front and rear oil seals, with valve seals	
KP 058004B	1	With front and rear oil seals, with valve seals	
KP 058004C	1	With front and rear oil seals, with valve seals	
KP 058004D	1	With front and rear oil seals, with valve seals	

KP 058004E	1	With front and rear oil seals, with valve seals	
BP 058004A	1		
BP 058004B	1		
BP 058004C	1		
BP 058004D	1		
BP 058004E	1		
JC 058004A	1		
JC 058004B	1		
JC 058004D	1		
KA 058004A	8	O-ring	
KA 058004D	8		
SV 058004A	1	58.0 x 38.5 x 11.0 mm	
SV 058004B	1	68.0 x 45.0 x 13.0 mm	
SA 058004	1		
KD 058004A	1	Length: 440.0 mm	
KD 058004B	1	Length: 450.0 mm	



De dichtingsset [KP058004A](#) bevat o.a. de dichtingen aangeduid met een A. Zo ook voor de uitvoeringen B, C, D, E. Om de goede dichtingsset te bestellen moet men controleren welke dichtingen kenmerkend zijn voor de motor.

Indien de motor de volgende dichtingen bevat, dan moet men de dichtingsset [KP058004D](#) bestellen.



Dit alles geldt ook voor de bovenste dichtingssets.

De verschillende koppakkingen [JC058004A](#), [JC058004B](#) en [JC058004D](#) worden respectievelijk aangeduid met JCA, JCB en JCD.

Bij iedere dichtingsset wordt vermeld in de remarks of de oliekeerringen van de krukas (voor- en achteraan) en/of de klepafdichtingen aanwezig zijn.

Indien die dichtingen niet aanwezig zijn, kan men ze apart bijbestellen.

- KA: klepsteelafdichting (per stuk)
- SV: oliekeerring vooraan
- SA: oliekeerring achteraan

## 5. Oliepomp, waterpomp

Hier geldt ook dat de verschillende reparatiesets (A, B, etc.) bij de respectievelijke pompen (A, B, etc.) horen. In de rechterkolom wordt steeds een foto van de werkelijke pomp afgebeeld.

Bij de waterpomp krijgt u een foto van boven en onderaanzicht. De hoogte en de lengte van de pomp wordt ook telkens vermeld.



## 6. Gloeikaars, ontstekingskaars

De verschillen tussen de gloeikaarsen worden telkens vermeld.

Vb. 10,5 V; M10; totale lengte: 89 mm

- Spanning: 10,5 Volt
- Schroefdraad: M10
- Totale lengte: 89 mm

De verschillen tussen de ontstekingskaarsen worden aangeduid met het type.

Vb. W14-EXU





## Onderdelenlijst

Nederlands

	Afk.	Beschrijving	Regel		Afk.	Beschrijving	Regel
<b>ZUIGERS, CILINDERBUSSEN EN TOEBEHOREN</b>				<b>LAGERS</b>			
	<b>PI</b>	zuiger (met of zonder pen)	per zuiger		<b>HL</b>	hoofdlagerset	motorset
	<b>PP</b>	zuigerpen	1 stuk		<b>AL</b>	axiaallagerset	motorset
	<b>PC</b>	borgring, zuigerpen	1 stuk		<b>BL</b>	drijfstanglagerset	per drijfstang
	<b>SE</b>	zuigerringset	per motor		<b>PB</b>	bus, zuigerpen	per bus
	<b>PISE</b>	zuiger (met of zonder pen) + zuigerringset	per zuiger		<b>NL</b>	nokkenaslagerset	motorset
	<b>CH</b>	cilinderbus	1 stuk	<b>DICHTINGEN</b>			
	<b>AS</b>	cilinderbuskit (cilinderbus, piston, segmenten)	per cilinder		<b>KP</b>	complete dichtingsset	1 stuk
<b>KLEPPEN EN AANVERWANTE ONDERDELEN</b>					<b>BP</b>	bovenste dichtingsset	1 stuk
	<b>IK</b>	inlaatklep	1 stuk		<b>CP</b>	onderste dichtingsset	1 stuk
	<b>UK</b>	uitlaatklep	1 stuk		<b>JC</b>	koppakking	1 stuk
	<b>KS</b>	klepstoter	1 stuk		<b>DP</b>	distributiedichtingsset	1 stuk
	<b>IG</b>	klepgeleider, inlaat	1 stuk		<b>KA</b>	klepsteelafdichting	1 stuk
	<b>UG</b>	klepgeleider, uitlaat	1 stuk		<b>SV</b>	oliekeerring krukas, vooraan	1 stuk
	<b>KG</b>	klepgeleider, inlaat/uitlaat	1 stuk		<b>SA</b>	oliekeerring krukas, achteraan	1 stuk

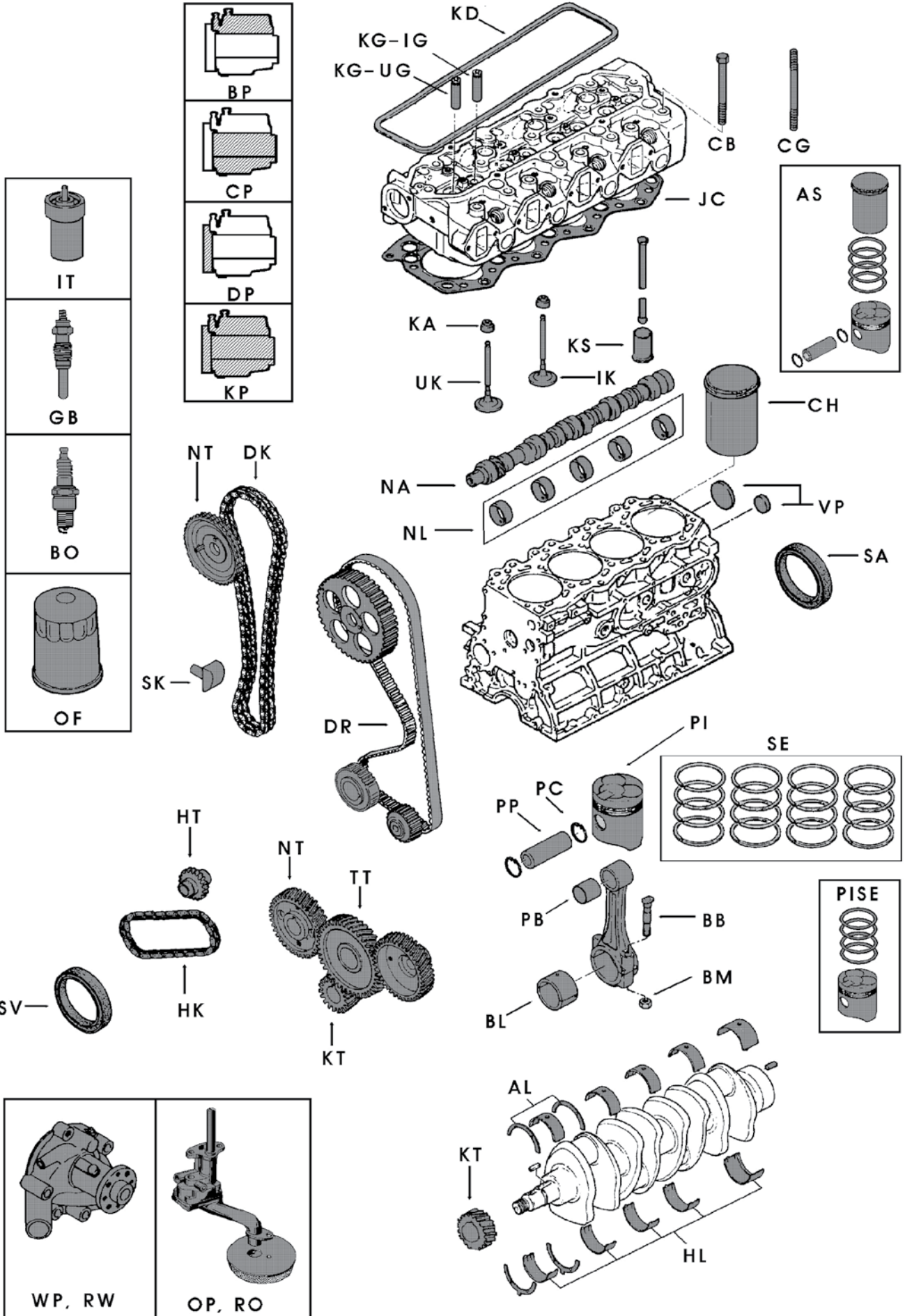


## Onderdelenlijst

Nederlands

	Afk.	Beschrijving	Regel		Afk.	Beschrijving	Regel
	<b>KD</b>	kleppendekseldichting	1 stuk		<b>KT</b>	tandwiel, krukas	1 stuk
<b>HARDWARE</b>					<b>TT</b>	tussentandwiel	1 stuk
	<b>CB</b>	bout, cilinderkop	1 stuk		<b>HT</b>	tandwiel, hydraulische pompaandrijving	1 stuk
	<b>VP</b>	set vriespluggen	per motor		<b>DK</b>	distributieketting	1 stuk
	<b>BB</b>	bout, drijfstang	1 stuk		<b>SK</b>	kettingspanner	1 stuk
	<b>BM</b>	moer, drijfstang	1 stuk		<b>DR</b>	distributieriem	1 stuk
	<b>CG</b>	draadeind, cilinderkop	1 stuk		<b>HK</b>	ketting, hydraulische pompaandrijving	1 stuk
<b>WATER- EN OLIEPOMPEN</b>					<b>OK</b>	ketting, oliepompaandrijving	1 stuk
	<b>OP</b>	oliepomp	1 stuk	<b>FILTERS, ONTSTEKING EN INJECTIE</b>			
	<b>WP</b>	waterpomp	1 stuk		<b>OF</b>	oliefilter	1 stuk
	<b>RO</b>	reparatieset, oliepomp	1 stuk		<b>BO</b>	ontstekingskaars	1 stuk
	<b>RW</b>	reparatieset, waterpomp	1 stuk		<b>GB</b>	gloeikaars	1 stuk
<b>DISTRIBUTIEONDERDELEN</b>					<b>IT</b>	injecteurtop	1 stuk
	<b>NA</b>	nokkenas	1 stuk				
	<b>NT</b>	tandwiel, nokkenas	1 stuk				







## DEUTSCH: GEBRAUCHSANWEISUNG

### Motordaten:

Zunächst im Katalog die richtige Marke suchen. Die Marken sind in alphabetischer Reihenfolge angeordnet. Am Anfang jeder Seite finden Sie Marke und Typ darunter stehen die Spezifikationen und in welchen Marken der Motor verbaut ist. Die Liste der Marken finden Sie auf den Seiten B bis F.

### Motortyp und Marke

Spezifikationen: **Benzin- oder Dieselmotor · Anzahl der Zylinder · Bohrung**

Marke: **die Marken in denen der Motor verbaut ist**

### Bezeichnung/Schreibweise:

Jedes Motorersatzteil hat seine eigene Schreibweise um die Suche nach der benötigten Referenz zu erleichtern.

**Beispiel 4 PI 058001 STD A**  
(5) (1) (2) (3) (4)

(1) = PI ist die Schreibweise des Motorersatzteils Kolben. Die Interpretation/Auslegung der Schreibweise finden Sie in den Listen von Seite 24 bis 26.

(2) = 058001 ist unsere interne Nummer für diesen speziellen Motor.

(3) = Übergrößen oder Untergrößen bestimmter Motorersatzteile wie Kolben, Lager, usw. werden sie hier notiert.

Beispiel STD = Standard

025: Übergröße oder Untergröße oder 0,250 mm

0125: Übergröße oder Untergröße oder 0,125 mm

0254: Übergröße oder Untergröße oder 0,254 mm

(4) = Wenn es mehrere Versionen eines Motorersatzteils gibt werden diese mit A, B, C usw. versehen. Die Eigenschaften der verschiedenen Ausführungen sind in der Spalte "REMARKS" ("Bemerkungen") aufgeführt.

(5) = Die Zahl vor der Indikation des Motorersatzteils gibt an aus wievielen Teilen diese Notation besteht. So wissen Sie wieviele Ersatzteile Sie bestellen müssen. Ist nichts hinterlegt dann gilt die Standardregel, die finden Sie auf der Seite 24-25.

### Beispiele:

#### 1) 4PI 058006STDA:

In der Ersatzteilliste auf den Seiten 24-25 sehen Sie das PI die Bezeichnung für den Kolben ist. In den Regeln steht, dass der Kolben immer 'pro Kolben' verkauft wird. In diesem Beispiel bedeutet die 4 vor dem PI aber, dass dieser Kolben aus einer Einheit von 4 besteht. Also erhalten Sie in diesem Fall 4 Kolben.

**058006:** Das ist unsere interne Nummer für einen Toyota 2J Motor.

**STD:** Dieser Kolben hat das Standardmaß.

**A:** Der 2J Motor hat verschiedene Ausführungen des Kolbens. Der Kolben (A) ist einer dieser Ausführungen.

Zusammengefasst: Die Referenz [4PI058006STDA](#) besteht aus 4 Standardkolben für einen Toyota 2J Motor vom Typ A.

#### 2) 1BL 057004025:

In der Liste steht BL steht für Pleuellager. In der Regel wird pro Pleuellager = 2 halbe Lager geliefert. Die 1 vor der Bezeichnung bedeutet, dass Sie nur 1 halbes Lager erhalten.

**057004:** Es handelt sich um ein NISSAN J15 Motor

**025:** 0,25 mm Untermaß



## Motorersatzteile:

### 1. Kolben, Kolbenringe, Zylinderbuchsen, Zylinderbuchsenset

PI 134001STDA	4	With 4 ring grooves, head shape A	
PI 134001STDB	4	With 4 ring grooves, head shape B	
PI 134001STDC	4	With 3 ring grooves, height: 84.6 mm, without piston pin	
PI 134001STDD	4	With 3 ring grooves, height: 90.6 mm, without piston pin	
PP 134001	4		
PC 134001	B		
1SE 134001STDA	4	With piston A	
1SE 134001STDB	4	With piston B	
1SE 134001STDC	4	With piston C	
1SE 134001STDD	4	With piston D	
CH 134001	4		
4AS 134001A	1	With piston A	
4AS 134001B	1	With piston B and piston pin bushing: 27.0 x 30.0 x 30.0 mm	
4AS 134001C	1	With piston C	
4AS 134001D	1	With piston D	
4AS 134001E	1	With piston B and piston pin bushing: 27.0 x 30.0 x 54.0 mm	

Wenn mehrere Ausführungen des Kolben existieren, werden die Nummern nacheinander angegeben. Das gilt auch für Kolbenringe und Zylindersätze. Bsp.: Kolbenringe mit der Kennzeichnung A gehören zum Kolben mit Kennzeichnung A. Das gilt auch für die Zylinderbuchsen.

Ausnahmen werden immer in der Spalte "REMARKS" genannt.

### 2. Ventile, Ventilstößel, Ventilschaffführungen

Wenn es verschiedene Ausführungen der Ventile für einen Motor gibt, werden die unterschiedlichen Abmessungen wie zum Beispiel der Ventil-Nut oder Sitz des Ventilwinkels in der Spalte "Remarks" angegeben.

### 3. Lager

In der Spalte "REMARKS" wird immer angegeben wie oft das entsprechende Motorersatzteil in einem Motor enthalten ist. Die Anzahl ist in der Subspalte Qty/eng vermerkt. Bei der Bestellung eines Lagers muss sorgfältig überlegt werden, wieviele Lager Sie benötigen und wieviel Lager diese Artikelnummer beinhaltet. Man sollte sicher nicht die oben stehende Zeichnung berücksichtigen, da das nur Darstellungen der Lager sind. In der Spalte "STD shaft dia" wird der Standard Schaftdurchmesser angegeben.

### 4. Dichtsätze, Dichtungen

Die Dichtungen, die typisch für die verschiedenen Sätze sind, werden durch A, B, C usw. angezeigt. Die Bezeichnungen (A, B, C usw.) beziehen sich jeweils auf die verschiedenen Ausführungsformen der Sätze (A, B, C, etc.).

KP 058004A	1	With front and rear oil seals, with valve seals	
KP 058004B	1	With front and rear oil seals, with valve seals	
KP 058004C	1	With front and rear oil seals, with valve seals	
KP 058004D	1	With front and rear oil seals, with valve seals	

KP 058004E	1	With front and rear oil seals, with valve seals	
BP 058004A	1		
BP 058004B	1		
BP 058004C	1		
BP 058004D	1		
BP 058004E	1		
JC 058004A	1		
JC 058004B	1		
JC 058004D	1		
KA 058004A	B	O-ring	
KA 058004D	B		
SV 058004A	1	58.0 x 38.5 x 11.0 mm	
SV 058004B	1	68.0 x 45.0 x 13.0 mm	
SA 058004	1		
KD 058004A	1	Length: 440.0 mm	
KD 058004B	1	Length: 450.0 mm	



Der Dichtsatz [KP058004A](#) enthält unter anderem die Dichtungen, die mit dem Buchstaben A gekennzeichnet sind. Ebenso wie die Ausführungsform für B, C, D, E. Um den richtigen Dichtsatz zu bestellen, muss geprüft werden welche Dichtungen charakteristisch (typisch) für den Motor sind.

Wenn der Motor die folgenden Dichtungen enthält, muss man den Dichtsatz [KP058004D](#) bestellen.



Das alles gilt auch für den oberen Dichtsatz. Die verschiedenen Zylinderkopfdichtungen [JC058004A](#), [JC058004B](#), [JC058004D](#) und werden mit JCA, JCB und JCD angedeutet.

Bei jedem Dichtsatz wird in den "Remarks" angegeben ob die Dichtungen der Kurbelwelle (vorne und hinten) und / oder die Ventilschaftdichtungen vorhanden sind.

Wenn die Dichtungen nicht vorhanden sind, können diese separat bestellt werden:

- KA: Ventilschaftdichtung (pro Stück)
- SV: Wellendichtring vorne
- SA: Wellendichtring hinten

## 5. Ölpumpe, Wasserpumpe

Auch hier gilt, dass die verschiedenen Reparatursets (A, B, etc.) zu der jeweiligen Pumpe (A, B, usw.) gehören. In der rechten Spalte wird immer ein Bild von der tatsächlichen Pumpe dargestellt.

Bei der Wasserpumpe finden Sie ein Bild von oberen und unteren Seite zurück. Die Höhe und Länge der Pumpe wird auch jeweils gekennzeichnet.



## 6. Glühkerzen, Zündkerzen

Die Unterschiede der verschiedenen Glühkerzen wird immer angegeben.

Bsp.: 10,5 V; M10; Gesamtlänge: 89 mm

- Spannung: 10,5 Volt
- Gewinde: M 10
- Gesamtlänge: 89 mm






Die Unterschiede der Glühkerzen wird durch den jeweiligen Typ angedeutet.

Bsp.: W14 – EXU



## Ersatzteilliste

Deutsch

	Symb.	Umschreibung	Regel		Symb.	Umschreibung	Regel
<b>KOLBEN, ZYLINDERLAUFBUCHSEN UND ZUBEHÖR</b>				<b>LAGER</b>			
	<b>PI</b>	Kolben (mit oder ohne Bolzen)	pro Kolben		<b>HL</b>	Hauptlagersatz	Motorsatz
	<b>PP</b>	Kolbenbolzen	1 Stück		<b>AL</b>	Anlaufscheibensatz	Motorsatz
	<b>PC</b>	Kolbenbolzen-Sicherungsring	1 Stück		<b>BL</b>	Lager, Pleuelstange	pro Pleuel
	<b>SE</b>	Kolbenringsatz	Motorsatz		<b>PB</b>	Buchse, Kolbenbolzen	pro Buchse
	<b>PISE</b>	Kolben (mit oder ohne Bolzen) + Kolbenringsatz	pro Kolben		<b>NL</b>	Lagersatz, Nockenwelle	Motorsatz
	<b>CH</b>	Laufbuchse	1 Stück	<b>DICHTUNGEN</b>			
	<b>AS</b>	Laufbuchsensatz (Kolben, Kolbenringsatz, Laufbuchsen)	pro Zylinder		<b>KP</b>	Dichtsatz, komplett	1 Stück
<b>VENTILE UND GLEICHARTIGE ERSATZTEILE</b>					<b>BP</b>	Dichtsatz oben	1 Stück
	<b>IK</b>	Einlaßventil	1 Stück		<b>CP</b>	Dichtsatz unten	1 Stück
	<b>UK</b>	Auslaßventil	1 Stück		<b>JC</b>	Zylinderkopfdichtung	1 Stück
	<b>KS</b>	Ventilstößel	1 Stück		<b>DP</b>	Dichtsatz Verteiler	1 Stück
	<b>IG</b>	Ventilführung, Einlaßventil	1 Stück		<b>KA</b>	Ventilschaftabdichtung	1 Stück
	<b>UG</b>	Ventilführung, Auslaßventil	1 Stück		<b>SV</b>	Kurbelwellendichtring, vorne	1 Stück
	<b>KG</b>	Ventilführung, Einlaß/Auslaßventil	1 Stück		<b>SA</b>	Kurbelwellendichtring, hinten	1 Stück

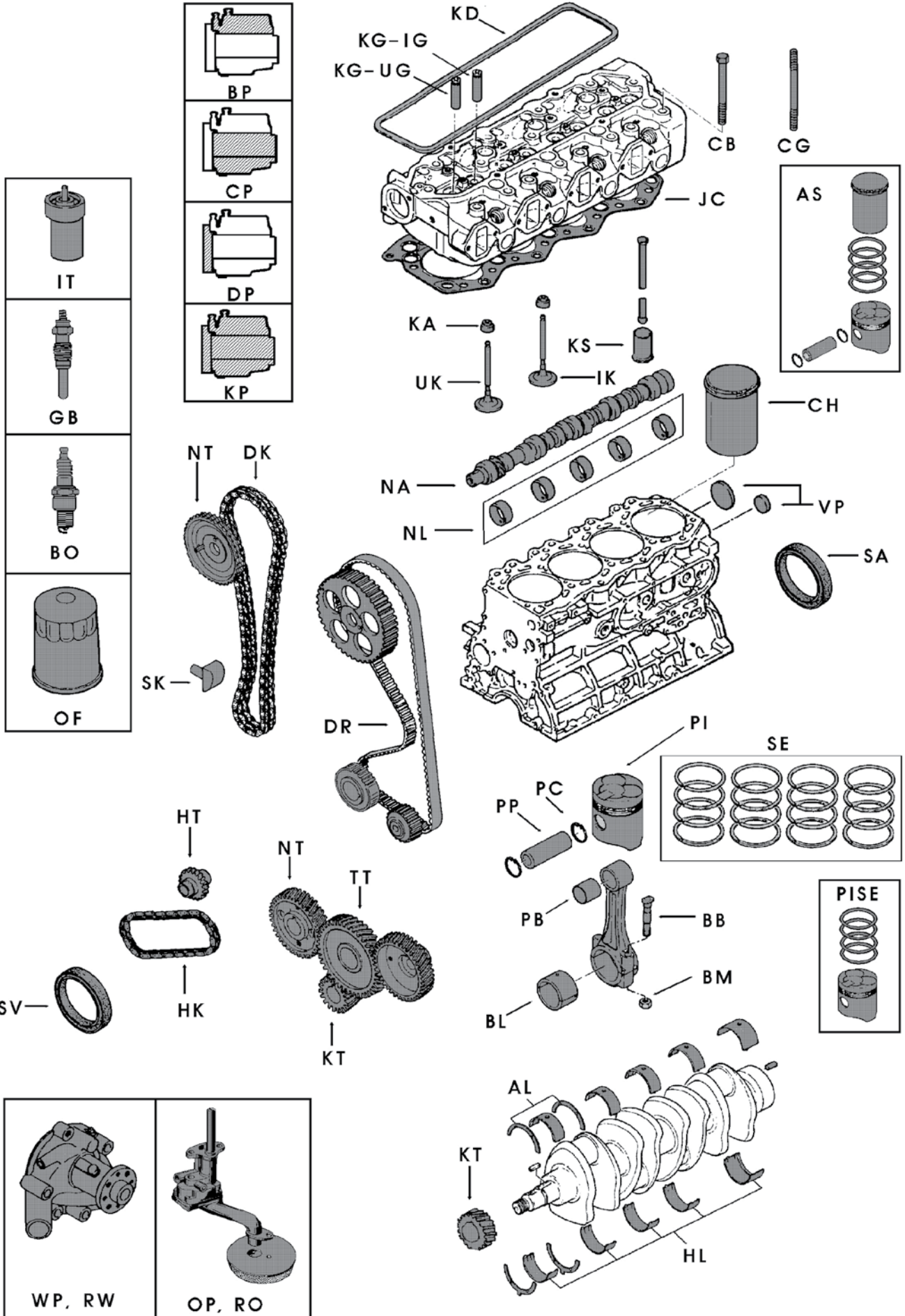




## Ersatzteilliste

Deutsch

	Symb.	Umschreibung	Regel		Symb.	Umschreibung	Regel
	<b>KD</b>	Ventildeckeldichtung	1 Stück		<b>KT</b>	Zahnrad, Kurbelwelle	1 Stück
<b>EISENWAREN</b>					<b>TT</b>	Zwischenzahnrad	1 Stück
	<b>CB</b>	Schraube, Zylinderkopf	1 Stück		<b>HT</b>	Zahnrad, Hydraulikpumpe	1 Stück
	<b>VP</b>	Satz Verschlussdeckel	Motorsatz		<b>DK</b>	Steuerkette	1 Stück
	<b>BB</b>	Schraube, Pleuelstange	1 Stück		<b>SK</b>	Kettenspanner	1 Stück
	<b>BM</b>	Mutter, Pleuelstange	1 Stück		<b>DR</b>	Steuerriemen	1 Stück
	<b>CG</b>	Stiftschraube, Zylinderkopf	1 Stück		<b>HK</b>	Antriebskette, Hydraulikpumpe	1 Stück
<b>WASSER-UND ÖLPUMPEN</b>					<b>OK</b>	Antriebskette, Ölpumpe	1 Stück
	<b>OP</b>	Ölpumpe	1 Stück	<b>FILTER, ZÜNDUNG UND EINSPRITZUNG</b>			
	<b>WP</b>	Wasserpumpe	1 Stück		<b>OF</b>	Ölfilter	1 Stück
	<b>RO</b>	Reparatursatz, Ölpumpe	1 Stück		<b>BO</b>	Zündkerze	1 Stück
	<b>RW</b>	Reparatursatz, Wasserpumpe	1 Stück		<b>GB</b>	Glühkerze	1 Stück
<b>ERSATZTEILE MOTORSTEUERUNG</b>					<b>IT</b>	Einspritzdüse	1 Stück
	<b>NA</b>	Nockenwelle	1 Stück				
	<b>NT</b>	Zahnrad, Nockenwelle	1 Stück				





## ESPAÑOL: MANUAL DE USUARIO

**Datos del motor:**

Busque primero la marca en el catálogo. Están ordenadas alfabéticamente. En la parte superior de cada página encontrará la marca y el modelo, abajo aparecen las especificaciones y en qué marcas de equipamiento se monta cada motor. Puede encontrar la lista de las marcas de las páginas B a la F.

Marca y modelo del motor	
Especificaciones:	<b>gasolina o diesel · número de cilindros · agujero</b>
En:	<b>las marcas que montan este motor</b>

**Anotaciones:**

Todos los recambios del motor reciben una referencia. El objetivo es que la búsqueda de la referencia correcta sea lo más fácil posible.

**Ejemplo. 4 PI 058006 STD A**  
 (5) (1) (2) (3) (4)

(1) = PI es la abreviatura que hace referencia a la pieza del motor (en este caso 'pistón'). Encontrará la designación en la lista de las páginas 30 a la 32.

(2) = 058006 es nuestro número interno para este modelo de motor específico.

(3) = Si existen sobremedidas o bajomedidas de determinadas piezas del motor (por ejemplo, de pistones, casquillos, etc.) serán indicadas aquí.

Ejemplos:

STD: estandar

025: sobremedida o bajomedida de 0,250 mm

0125: sobremedida o bajomedida de 0,125 mm

0254: sobremedida o bajomedida de 0,254 mm

(4) = Si existen diversas versiones de una pieza del motor, estas versiones se indican con A, B, C, etc. Las características que diferencian a las diversas versiones se muestran en la columna 'REMARKS'.

(5) = La cantidad al lado de la referencia de cada recambio del motor le indica cuantas unidades monta el motor. De este modo sabrá cuántas unidades debe pedir. Si no se menciona nada, se aplicará la regla predeterminada. Puede encontrar esta regla en la lista de las páginas 30-31.

**Ejemplos:****1) 4PI 058006STDA:**

En la lista de recambios de las pag. 30-31 encontrará que PI significa pistón. En la última columna se muestra la regla por defecto que indica que un pistón siempre se suministra "por pistón". En este ejemplo, el 4 en la parte delantera de la referencia indica que esta referencia contiene 4 unidades de pistón.

**058006:** el número interno correspondiente al motor TOYOTA 2J.

**STD:** indica que se trata del pistón con medida estándar.

**A:** El motor 2J tiene varias versiones de pistones. Este pistón (A) es una de las versiones.

La referencia 4PI 058006STDA se compone de 4 pistones estándar para el motor TOYOTA 2J de la versión A.

**2) 1BL 057004025:**

En la lista verá que las iniciales BL se refieren a los casquillos de biela. Según la norma general, la referencia contiene dos medios casquillos para una biela. El 1 que aparece al principio de la referencia indica que se trata de 1 medio casquillo.

**057004:** NISSAN J15

**025:** bajomedida de 0,25 mm





## Recambios del motor:

### 1. Pistones, segmentos, camisas, kit de camisas

PI 134001STDA	4	With 4 ring grooves, head shape A	
PI 134001STDB	4	With 4 ring grooves, head shape B	
PI 134001STDC	4	With 3 ring grooves, height: 84.6 mm, without piston pin	
PI 134001STDD	4	With 3 ring grooves, height: 95.6 mm, without piston pin	
PP 134001	4		
PC 134001	B		
1SE 134001STDA	4	With piston A	
1SE 134001STDB	4	With piston B	
1SE 134001STDC	4	With piston C	
1SE 134001STDD	4	With piston D	
CH 134001	4		
4AS 134001A	1	With piston A	
4AS 134001B	1	With piston B and piston pin bushing: 27.0 x 30.0 x 30.0 mm	
4AS 134001C	1	With piston C	
4AS 134001D	1	With piston D	
4AS 134001E	1	With piston B and piston pin bushing: 27.0 x 30.0 x 54.0 mm	

Si hay diversas versiones de pistones, se muestran sus referencias una tras otra. También se muestran las diferentes referencias de los segmentos una tras otra.

De todos modos, como regla general la versión A de los segmentos se corresponde con la versión A de los pistones. Si no fuera así el caso se indicará en la columna "REMARKS".

### 2. Válvulas, taques, guías de válvulas

Si existen varias versiones de válvulas de un motor concreto, se muestran las diferentes medidas, ranuras de válvula o asientos en la columna "REMARKS".

### 3. Casquillos

En la columna "OBSERVACIONES" siempre se menciona el número de unidades que el motor monta de esa referencia. Esto se ve en la columna del medio Qty/eng. Al pedir casquillos, se debe prestar atención a cuántos casquillos usted necesita y cuántos casquillos contiene 1 unidad de la referencia. Para ello, NO debe tener en cuenta los dibujos en el cuadro superior. Son sólo una representación general de rodamientos. En la columna "shaft dia STD." se indica el diámetro estándar del eje.

### 4. Juegos de juntas, retenes

Cuando existen varias versiones de kits de juntas para un motor, se mostrarán con diversas letras A, B, C, etc. Las anotaciones (A, B, C, etc.) hacen referencia respectivamente a las diversas versiones de los kits (A, B, C, etc.).

KP 058004A	1	With front and rear oil seals, with valve seals	
KP 058004B	1	With front and rear oil seals, with valve seals	
KP 058004C	1	With front and rear oil seals, with valve seals	
KP 058004D	1	With front and rear oil seals, with valve seals	

KP 058004E	1	With front and rear oil seals, with valve seals	
BP 058004A	1		
BP 058004B	1		
BP 058004C	1		
BP 058004D	1		
BP 058004E	1		
JC 058004A	1		
JC 058004B	1		
JC 058004D	1		
KA 058004A	B	O-ring	
KA 058004D	B		
SV 058004A	1	58.0 x 38.5 x 11.0 mm	
SV 058004B	1	68.0 x 45.0 x 13.0 mm	
SA 058004	1		
KD 058004A	1	Length: 440.0 mm	
KD 058004B	1	Length: 450.0 mm	



El juego de juntas [KP058004A](#) contiene entre otras, las juntas indicadas en A. Así ocurre para las versiones B, C, D, E. Para hacer el pedido del juego de juntas correcto debe controlar que tipo de juntas que aparecen en lado derecho son las que monta su motor.

Si el motor contiene una de las versiones siguientes de juntas, entonces deberá realizar un pedido del kit de juntas [KP058004D](#).



Todo esto es válido para los juegos de juntas superiores.

Las diferentes juntas de culata [JC058004A](#), [JC058004B](#) y [JC058004D](#) se indican respectivamente como JCA, JCB y JCD.

Para todo juego de juntas se menciona en la columna 'Remarks' si los retenes de aceite del cigüeñal (delantero y trasero) y/o los retenes de válvula están presentes en el kit.

Si las juntas no están incluidas en el kit, puede pedirse aparte.

KA: retén de válvula (por unidad)

SV: retenes de aceite del cigüeñal delantero

SA: retenes de aceite del cigüeñal trasero

## **5. Bomba de aceite, bomba de agua**

Aquí también se cumple que los diversos kits de reparación (A, B, etc.) pertenecen respectivamente a las bombas (A, B, etc.). En la columna derecha se muestra siempre un dibujo de la bomba real.

Junto con la bomba de agua, recibirá una foto de vista desde arriba y desde abajo. Se menciona también siempre la altura y la longitud de la bomba.



## **6. Bujías, calentadores**

Las diferencias entre los calentadores se muestran en todo caso.

Ej. 10,5 V; M10; longitud total: 89 mm

Voltaje: 10,5 Voltios

Rosca: M10

Longitud total: 89 mm

Las diferencias entre las bujías se indican a través del tipo.

Ej. W14-EXU



## Lista de recambios

Español

	Simb.	Descripcion	Principio		Simb.	Descripcion	Principio
<b>PISTONES, CAMISAS Y ACCESORIOS</b>				<b>CASQUILLOS</b>			
	<b>PI</b>	pistón (con o sin pasador)	para 1 pistón		<b>HL</b>	juego de cojinetes de bancada	para 1 motor
	<b>PP</b>	pasador del pistón	1 pieza		<b>AL</b>	juego de casquillos axiales	para 1 motor
	<b>PC</b>	anillo de cierre, pasador del pistón	1 pieza		<b>BL</b>	juego de casquillos de biela	por biela
	<b>SE</b>	segmentos	para 1 motor		<b>PB</b>	casquillo, pie de biela	1 pieza
	<b>PISE</b>	pistón (con o sin pasador) + segmentos	para 1 pistón		<b>NL</b>	juego de cojinetes del árbol de levas	para 1 motor
	<b>CH</b>	camisa	1 pieza	<b>JUNTAS</b>			
	<b>AS</b>	juego camisa, pistón y segmentos	por cilindro		<b>KP</b>	juego de juntas completo del motor	1 pieza
<b>VÁLVULAS Y COMPONENTES RELACIONADOS</b>					<b>BP</b>	juego de juntas superior o de descarbonización	1 pieza
	<b>IK</b>	válvula de admisión	1 pieza		<b>CP</b>	juego de juntas inferior	1 pieza
	<b>UK</b>	válvula de escape	1 pieza		<b>JC</b>	junta de culata	1 pieza
	<b>KS</b>	taqué	1 pieza		<b>DP</b>	juego de juntas del distribuidor	1 pieza
	<b>IG</b>	guía válvula de admisión	1 pieza		<b>KA</b>	retén de válvula	1 pieza
	<b>UG</b>	guía válvula de escape	1 pieza		<b>SV</b>	retén cigüeñal, delantero	1 pieza
	<b>KG</b>	guía válvula, admisión/escape	1 pieza		<b>SA</b>	retén cigüeñal, trasero	1 pieza

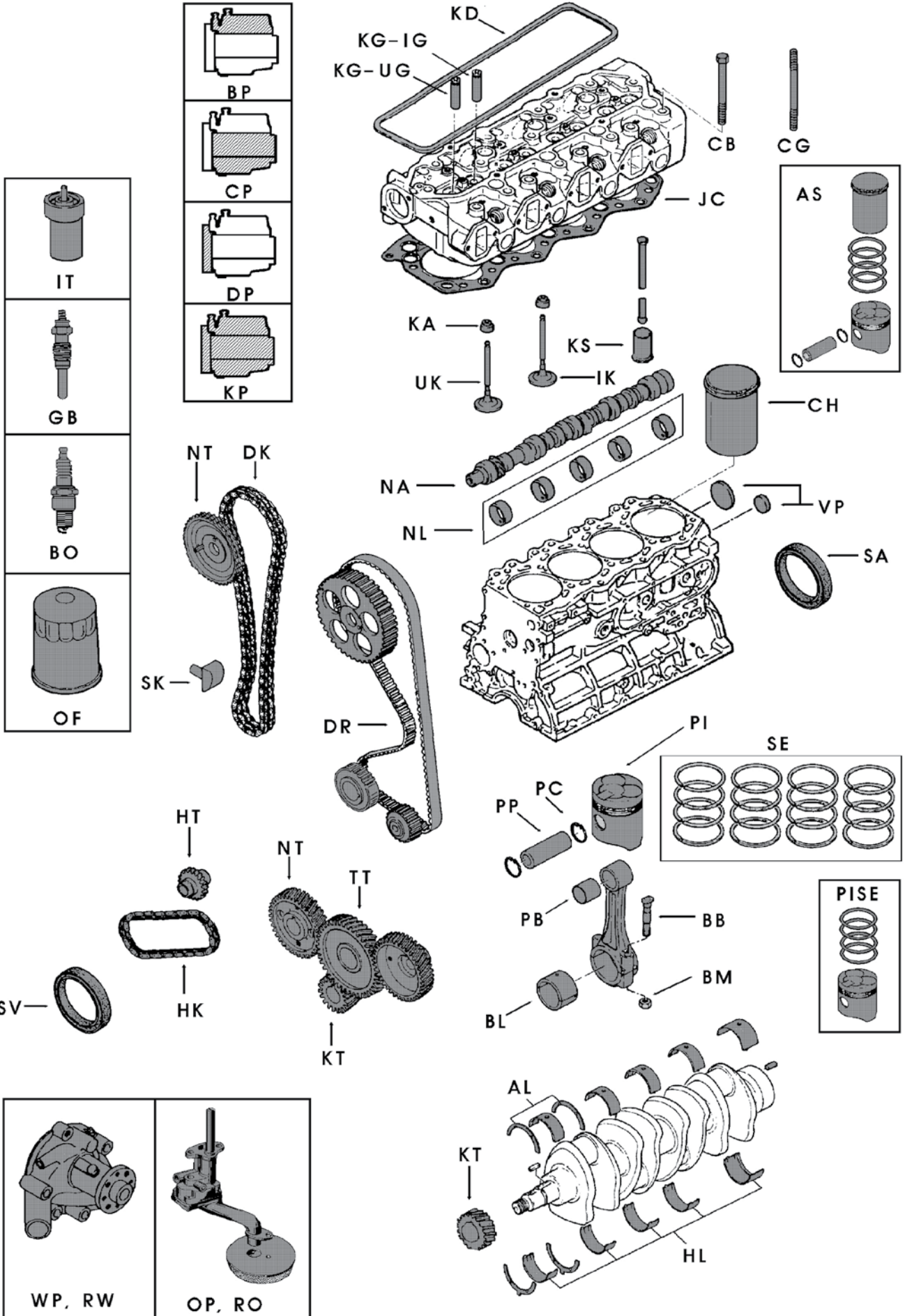


## Lista de recambios

Español

	Simb.	Descripción	Principio
	<b>KD</b>	junta de tapa de válvulas	1 pieza
<b>TORNILLERÍA</b>			
	<b>CB</b>	bulón, culata	1 pieza
	<b>VP</b>	juego de pastillas de expansión	para 1 motor
	<b>BB</b>	bulón, biela	1 pieza
	<b>BM</b>	tuerca, biela	1 pieza
	<b>CG</b>	espárrago, culata	1 pieza
<b>BOMBAS DE AGUA Y ACEITE</b>			
	<b>OP</b>	bomba de aceite	1 pieza
	<b>WP</b>	bomba de agua	1 pieza
	<b>RO</b>	juego de reparación, bomba de aceite	1 pieza
	<b>RW</b>	juego de reparación, bomba de agua	1 pieza
<b>COMPONENTES DE DISTRIBUCIÓN</b>			
	<b>NA</b>	árbol de levas	1 pieza
	<b>NT</b>	rueda dentada, árbol de levas	1 pieza

	Simb.	Descripción	Principio
	<b>KT</b>	rueda dentada, cigüeñal	1 pieza
	<b>TT</b>	rueda dentada intermedia	1 pieza
	<b>HT</b>	rueda dentada, bomba hidráulica	1 pieza
	<b>DK</b>	cadena de distribución	1 pieza
	<b>SK</b>	tensor de cadena	1 pieza
	<b>DR</b>	correa de distribución	1 pieza
	<b>HK</b>	cadena, bomba hidráulica	1 pieza
	<b>OK</b>	cadena, bomba de aceite	1 pieza
<b>FILTROS, IGNICIÓN, E INYECCIÓN</b>			
	<b>OF</b>	filtro de aceite	1 pieza
	<b>BO</b>	bujía	1 pieza
	<b>GB</b>	calentador	1 pieza
	<b>IT</b>	boquilla de inyector	1 pieza





## ITALIANO: AVVERTENZE PER LA CORRETTA CONSULTAZIONE DEL CATALOGO RICAMBI MOTORE

**Motore:**

Cerchi prima la marca corretta nel catalogo. Le marche sono in ordine alfabetico. All'inizio di ogni pagina troverà marca e tipo e le specifiche tecniche e in quali marchi il motore viene utilizzato. Può trovare la lista delle marche da pagina B fino a F compresa.

Marca e tipo del motore
Specifiche: <b>Benzina o gasolio · Nr. di cilindri · Diametro pistoni</b>
Montato su: <b>le marche per le quali il motore viene utilizzato</b>

**Indicativi:**

Ogni ricambio motore riceve un nota, per semplificare al massimo la ricerca del ricambio corretto.  
Per esempio:

**4 PI 058006 STD A**  
(5) (1) (2) (3) (4)

(1) = PI è l'indicativo per il ricambio motore (=pistone). Troverà queste note nella lista da pagina 36 a 38.

(2) = 058006 è in nostro numero interno che indica questo motore specifico.

(3) = Se ci sono misure maggiorate o minorate di alcuni ricambi, come per esempio nel caso dei pistoni, le bronzine biella/ banco, vengono indicate in questa rubrica.

Esempio:

STD: Standard

025: minorato/maggiorato di 0,250 mm

0125: minorato/maggiorato di 0,125 mm

0254: minorato/maggiorato di 0,254 mm

(4) = Se ci sono diverse possibilità per un certo ricambio, queste possibilità vengono suddivise in A,B,C,D ecc. Le caratteristiche vengono spiegate nella colonna "REMARKS".

(5) = Il numero per indicare il ricambio motore, specifica quanti sono i pezzi da ordinare. Se non specificato vale la regola di default. Questa si può ritrovare nella lista a pagina 36-37.

**Esempi:****1) 4PI 058006STDA:**

Nell'elenco ricambi a pagina 36-37 troverà che PI è la sigla che indica il pistone. L'ultima colonna fa riferimento alla regola di default, che indica che un pistone è sempre venduto 'per pistone'. In questo esempio il 4 nella parte anteriore della nota indica che questi pistoni sono sempre forniti per 4.

**058006:** numero interno per il motore TOYOTA 2J.

**STD:** standard/normale.

**A:** diverse possibilità, in questo caso tipo A..

Con la referenza 4PI 058006STDA intendiamo dunque 4 pistoni standard per un motore TOYOTA 2J.

**2) 1BL 057004025:**

Nella lista troverà che BL indica un set boccole biella. Secondo la regola, viene fornita una boccola completa o due semigusci. Il numero 1 davanti indica che si tratta di 1 semiguscio.

Il numero 1 significa che sta per 1 semi-bronzina.

**057004:** numero interno per il motor NISSAN J15

**025:** minorato/maggiorato 0,25 mm





## Ricambi motore:

### 1. Pistoni, segmenti, canne e kit completi

PI 134001STDA	4	With 4 ring grooves, head shape A	
PI 134001STDB	4	With 4 ring grooves, head shape B	
PI 134001STDC	4	With 3 ring grooves, height: 84.6 mm, without piston pin	
PI 134001STDD	4	With 3 ring grooves, height: 90.6 mm, without piston pin	
PP 134001	4		
PC 134001	B		
1SE 134001STDA	4	With piston A	
1SE 134001STDB	4	With piston B	
1SE 134001STDC	4	With piston C	
1SE 134001STDD	4	With piston D	
CH 134001	4		
4AS 134001A	1	With piston A	
4AS 134001B	1	With piston B and piston pin bushing: 27.0 x 30.0 x 30.0 mm	
4AS 134001C	1	With piston C	
4AS 134001D	1	With piston D	
4AS 134001E	1	With piston B and piston pin bushing: 27.0 x 30.0 x 54.0 mm	

Se ci sono diverse possibilità, le ritroverete nella tabella qui sotto.

Esempio: PI 134001 STDA (= pistoni)

Questi pistoni vanno insieme con i segmenti 1 SE 134001 STDA e con le canne CH 134001.

Il kit completo (pistoni, segmenti e canne) ha dunque come referenza: 4 AS 134001A

### 2. Valvole, punteria valvola, guidevalvola

Se ci sono diverse possibilità per le valvole aspirazione e scarico, le ritroverete nella colonna "remarks".

### 3. Cuscinetti

Nella colonna "REMARKS" viene sempre menzionato quante volte il componente corrispondente è presente in un motore. Questo è indicato nella colonna Qty/eng. Quando si ordinano i cuscinetti, è necessario considerare con attenzione la quantità necessaria e quanti cuscinetti sono consegnati con quel codice. Si deve certamente NON tener conto dei disegni nella casella di testo sopra. Questi sono solo rappresentazioni dei cuscinetti. Nella colonna "diam STD albero" è segnato il diametro standard dell'albero citato.

### 4. Kit guarnizioni, guarnizioni

Le guarnizioni che sono tipiche dei diversi kits vengono indicate con A, B, C, ecc. L'annotazione (A, B, C, ecc.) si rifà alle rispettive differenti esecuzioni dei sets (A, B, C, ecc.).

KP 058004A	1	With front and rear oil seals, with valve seals	
KP 058004B	1	With front and rear oil seals, with valve seals	
KP 058004C	1	With front and rear oil seals, with valve seals	
KP 058004D	1	With front and rear oil seals, with valve seals	

KP 058004E	1	With front and rear oil seals, with valve seals	
BP 058004A	1		
BP 058004B	1		
BP 058004C	1		
BP 058004D	1		
BP 058004E	1		
JC 058004A	1		
JC 058004B	1		
JC 058004D	1		
KA 058004A	B	O-ring	
KA 058004D	B		
SV 058004A	1	58.0 x 58.5 x 11.0 mm	
SV 058004B	1	68.0 x 45.0 x 13.0 mm	
SA 058004	1		
KD 058004A	1	Length: 440 mm	
KD 058004B	1	Length: 490 mm	



Il kit guarnizioni [KP058004A](#) comprende tra l'altro le guarnizioni indicate con una A. Così vale anche per le esecuzioni B, C, D, E. Per ordinare il kit guarnizioni corretto si deve controllare quali guarnizioni sono necessarie per quel motore.

Se il motore contiene le seguenti guarnizioni, allora bisogna ordinare il kit [KP058004D](#).



Tutto questo vale anche per i kit guarnizioni sopra riportati.

Le diverse guarnizioni della testata [JC058004A](#), [JC058004B](#) e [JC058004D](#) vengono rispettivamente indicate con JCA, JCB e JCD.

Per ogni kit di guarnizioni viene indicato nei remarks se i paraoli dell'albero motore (anteriore e posteriore) e le guarnizioni delle valvole sono o meno compresi nel kit.

Se le guarnizioni non sono comprese, devono essere acquistate separatamente.

KA: guarnizioni stelo valvole (per pezzo)

SV: paraolio albero motore anteriore

SA: paraolio albero motore posteriore

## **5. Pompa olio, pompa acqua**

Anche in questo caso ci sono differenti set di riparazione (A, B, ecc.) in base alle differenti pompe (A, B, ecc.). Nella colonna di destra viene sempre riportata una foto della pompa in questione.

Con la pompa acqua viene mostrata una foto della vista inferiore e superiore. L'altezza e la lunghezza della pompa vengono sempre menzionate.



## **6. Candele d'accensione, candele preriscaldamento**

Le differenze tra le candele preriscaldamento vengono sempre indicate

Esempio: 10,5 V; M10; lunghezza totale: 89 mm

tensione: 10,5 Volt

filetto: M 10

lunghezza totale: 89 mm

Le differenze tra le candele d'accensione sono indicate con il modello di candele.

Esempio: W14- EXU





## Lista dei ricambi

Italiano

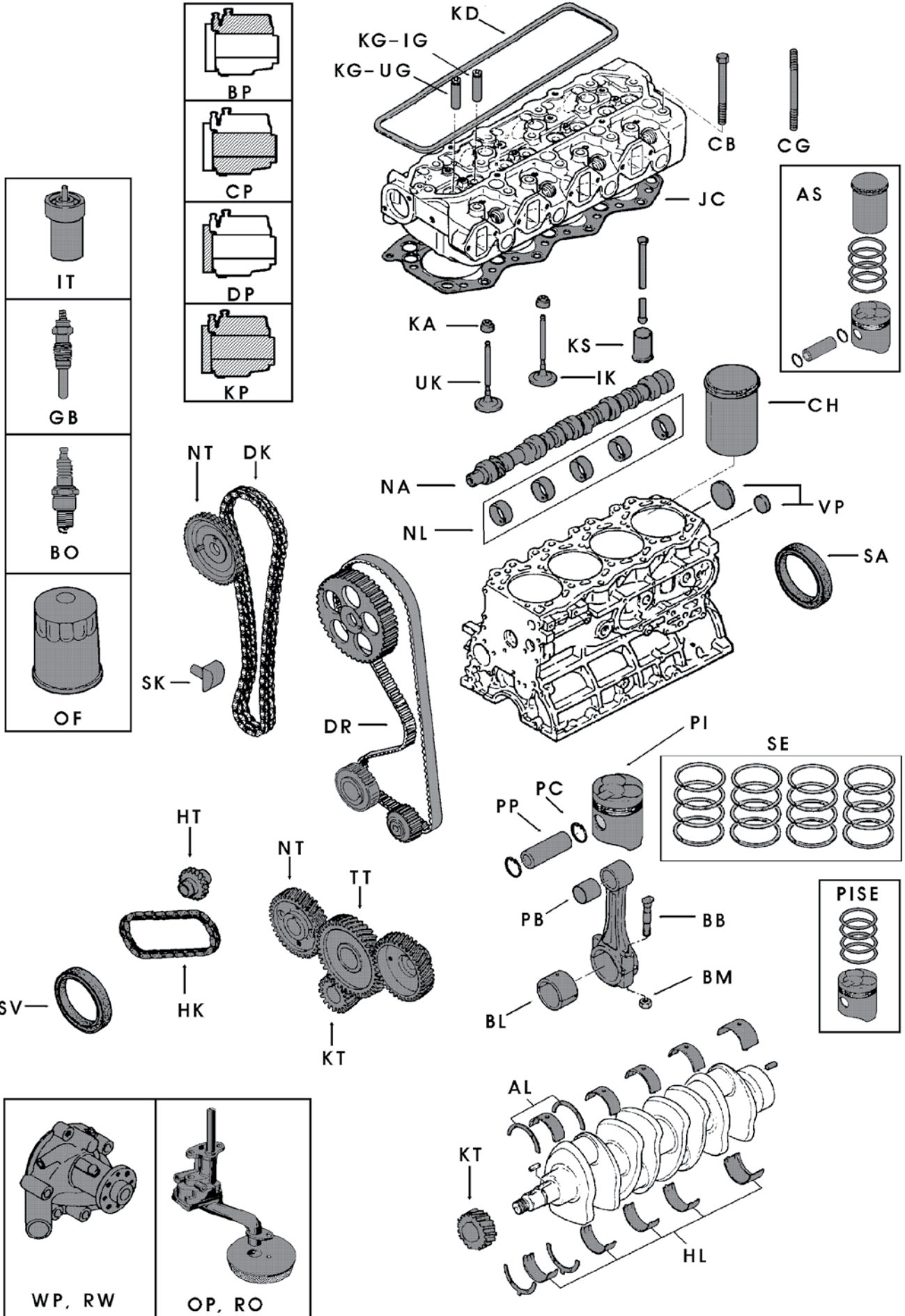
	Simb.	Descrizione	Regola		Simb.	Descrizione	Regola
<b>PISTONI, CAMICIE E ACCESSORI</b>				<b>CUSCINETTI</b>			
	<b>PI</b>	pistone (con o senza perni)	per 1 pistone		<b>HL</b>	serie di bronzine di banco	per 1 motore
	<b>PP</b>	pistone-perno	1 pezzo		<b>AL</b>	spallamenti	per 1 motore
	<b>PC</b>	anello ritegno pistone-perno	1 pezzo		<b>BL</b>	bronzine biella	della biella
	<b>SE</b>	segmenti	per 1 motore		<b>PB</b>	boccola, pistone-perno	per 1 boccola
	<b>PISE</b>	pistone (con o senza perni) + segmenti	per 1 pistone		<b>NL</b>	bronzine albero a camme	per 1 motore
	<b>CH</b>	camicia/canna	1 pezzo	<b>GUARNIZIONI</b>			
	<b>AS</b>	pistoni + canne + segmenti	per cilindro		<b>KP</b>	kit guarnizioni motore complete	1 pezzo
<b>VALVOLE E RICAMBI EQUIVALENTI</b>					<b>BP</b>	kit smeriglio	1 pezzo
	<b>IK</b>	valvola aspirazione	1 pezzo		<b>CP</b>	kit guarnizioni motore parte bassa	1 pezzo
	<b>UK</b>	valvola scarico	1 pezzo		<b>JC</b>	guarnizione testata	1 pezzo
	<b>KS</b>	punteria, valvola	1 pezzo		<b>DP</b>	kit guarnizioni distribuzione	1 pezzo
	<b>IG</b>	guida valvola aspirazione	1 pezzo		<b>KA</b>	tenuta di valvola	1 pezzo
	<b>UG</b>	guida valvola scarico	1 pezzo		<b>SV</b>	paraolio albero motore, anteriore	1 pezzo
	<b>KG</b>	punteria valvola	1 pezzo		<b>SA</b>	paraolio albero motore, posteriore	1 pezzo



## Lista dei ricambi

Italiano

	Simb.	Descrizione	Regola		Simb.	Descrizione	Regola
	<b>KD</b>	guarnizione coperchio punterie valvole	1 pezzo		<b>KT</b>	ingranaggio, albero motore	1 pezzo
<b>MINUTERIA</b>					<b>TT</b>	ingranaggio	1 pezzo
	<b>CB</b>	bullone (testata)	1 pezzo		<b>HT</b>	ingranaggio (comando pompa idraulica)	1 pezzo
	<b>VP</b>	tappi espansione motore	per 1 motore		<b>DK</b>	catena di distribuzione	1 pezzo
	<b>BB</b>	bullone, biella	1 pezzo		<b>SK</b>	tendicattena	1 pezzo
	<b>BM</b>	dado, biella	1 pezzo		<b>DR</b>	cinghia distribuzione	1 pezzo
	<b>CG</b>	colonnina (testata)	1 pezzo		<b>HK</b>	catena, pompa idraulica	1 pezzo
<b>POMPE ACQUA E OLIO</b>					<b>OK</b>	catena, pompa olio	1 pezzo
	<b>OP</b>	pompa olio	1 pezzo	<b>FILTRI, ACCENSIONE E INIEZIONE</b>			
	<b>WP</b>	pompa acqua	1 pezzo		<b>OF</b>	filtro olio	1 pezzo
	<b>RO</b>	kit riparazione pompa olio	1 pezzo		<b>BO</b>	candela	1 pezzo
	<b>RW</b>	kit riparazione pompa acqua	1 pezzo		<b>GB</b>	candelette	1 pezzo
<b>RICAMBI DISTRIBUZIONE</b>					<b>IT</b>	spruzzatore	1 pezzo
	<b>NA</b>	albero a camme	1 pezzo				
	<b>NT</b>	ingranaggio, albero a camme	1 pezzo				





## PORTUGUÊS: MANUAL DE INSTRUÇÕES

### Dados do motor:

Procure primeira marca no catálogo. Estão em ordem alfabética. Na parte superior de cada página, encontrará a marca e modelo, abaixo aparecem as especificações e em que marcas de máquinas cada motor é montado. A lista das marcas estão nas páginas de B a F.

### Marca e modelo do motor

Especificações: **motor à gasolina ou à diesel · quantidade de cilindros · furação**

Em: **as marcas que montam este motor**

### Notas:

Todas as peças de motor tem uma referência. O objetivo é que a busca da referência correta seja a mais simples possível.

**Ex. 4 PI 058006 STD A**  
(5) (1) (2) (3) (4)

- (1) = PI é a designação da peça do motor (pistão).  
Encontrará a designação na lista das páginas de 42 a 44.
- (2) = 058006 é o nosso número interno para este específico modelo de motor.
- (3) = Se existem sobre medidas ou sub medidas para certas peças do motor (ex. pistões, rolamentos, etc.) elas serão listadas aqui.
- Ex. STD: Padrão  
025: sobre medida ou sub medida de 0,250 mm  
0125: sobre medida ou sub medida de 0,125 mm  
0254: sobre medida ou sub medida de 0,254 mm
- (4) = Se existirem várias versões de uma determinada peça do motor, elas são indicadas com A, B, C, etc. As características distintivas destas versões são mencionadas na coluna "OBSERVAÇÕES".
- (5) = A quantidade ao lado da referência de cada peça de motor indica quantas unidades monta o motor. Deste modo saberá quantas unidades deve pedir. Se não menciona nada, se aplicará a regra determinada. Pode encontrar esta regra na lista das páginas 42-43.

### Exemplos:

#### 1) **4PI 058006STDA:**

Na lista de peças da pág 42-43 encontrará que a sigla PI significa pistão. Na última coluna, é mostrado a regra padrão que indica que um pistão sempre se vende " por pistão". Neste exemplo, o 4 na parte da frente da referência indica que esta referência contém 4 unidades de pistão.

**058006:** este é o nosso número interno para motor TOYOTA 2J.

**STD:** indica a medida padrão do pistão.

**A:** Para o motor 2J existem várias versões dos pistões. Este pistão (A) é uma das versões.

O número 4PI 058006STDA é composto por 4 pistões padrão para um motor TOYOTA 2J do tipo A.

#### 2) **1BL 057004025:**

Na lista verá que as siglas BL se referem a casquilhos de biela. Segundo a norma geral, a referência contém dois casquilhos médios para uma biela. O 1 que aparece no início da referência indica que se trata de 1 casquilho médio.

**057004:** NISSAN J15

**025:** sub medida 0,25 mm



## Peças de motor:

### 1. Pistões, segmentos, camisas, jogo de camisas

PI 134001STDA	4	With 4 ring grooves, head shape A	
PI 134001STDB	4	With 4 ring grooves, head shape B	
PI 134001STDC	4	With 3 ring grooves, height: 84.6 mm, without piston pin	
PI 134001STDD	4	With 3 ring grooves, height: 90.6 mm, without piston pin	
PP 134001	4		
PC 134001	B		
1SE 134001STDA	4	With piston A	
1SE 134001STDB	4	With piston B	
1SE 134001STDC	4	With piston C	
1SE 134001STDD	4	With piston D	
CH 134001	4		
4AS 134001A	1	With piston A	
4AS 134001B	1	With piston B and piston pin bushing: 27.0 x 30.0 x 30.0 mm	
4AS 134001C	1	With piston C	
4AS 134001D	1	With piston D	
4AS 134001E	1	With piston B and piston pin bushing: 27.0 x 30.0 x 54.0 mm	

Se existirem várias versões para os pistões os seus números serão marcados um de baixo do outro. Os números das várias versões dos segmentos também serão marcados um de baixo do outro. Ora é certo que a versão A dos segmentos pertence a versão A dos pistões. Isto também é válido para os jogos de camisas. Se este não for o caso, estará marcado na coluna "OBSERVAÇÕES".

### 2. Válvulas, tuxe e guias das válvulas

Se existirem várias válvulas para um certo motor, as diferenças de medidas, estrias ou ângulos serão listados na coluna "OBSERVAÇÕES".

### 3. Rolamentos

Na coluna "Observações" sempre é mencionado o número de unidades presentes no motor. Isto se vê na coluna do meio Qty/eng. Ao pedir casquilhos, deve-se prestar atenção na quantidade de casquilhos que você necessita e quantos casquilhos contém em 1 referência. Para isto, não se deve levar em consideração os desenhos no quadro superior. São meramente uma representação geral de rolamentos.

### 4. Jogos de juntas, juntas

As juntas que são típicas para os diferentes jogos estão indicadas com A, B, C, etc. As indicações (A, B, C, etc.) referem-se respectivamente as várias versões dos jogos (A, B, C, etc.).

KP 058004A	1	With front and rear oil seals, with valve seals	
KP 058004B	1	With front and rear oil seals, with valve seals	
KP 058004C	1	With front and rear oil seals, with valve seals	
KP 058004D	1	With front and rear oil seals, with valve seals	

KP 058004E	1	With front and rear oil seals, with valve seals	
BP 058004A	1		
BP 058004B	1		
BP 058004C	1		
BP 058004D	1		
BP 058004E	1		
JC 058004A	1		
JC 058004B	1		
JC 058004D	1		
KA 058004A	B	O-ring	
KA 058004D	B		
SV 058004A	1	58.0 x 38.5 x 11.0 mm	
SV 058004B	1	68.0 x 45.0 x 13.0 mm	
SA 058004	1		
KD 058004A	1	Length: 440.0 mm	
KD 058004B	1	Length: 450.0 mm	



O jogo de juntas [KP058004A](#) contém, ente outros, as juntas indicadas com um A. Isto também vale para as versões B, C, D, E. Para encomendar o jogo de juntas correto deve verificar quais juntas correspondem ao motor.

Se motor gastar as juntas seguintes, deve então encomendar o jogo [KP058004D](#).



Isto tudo também é válido para os jogos de juntas de descarbonização.

A diferentes juntas da cabeça [JC058004A](#), [JC058004B](#) e [JC058004D](#) são respectivamente indicadas com JCA, JCB en JCD.

Para cada jogo de juntas está indicado nas observações se os retentores da cambota (frente e trás) e os vedantes das válvulas estão incluídos.

Se os vedantes não está incluídos, pode encomendá-los separadamente.

- KA: vedante da válvula (por peça)
- SV: retentor da cambota da frente
- SA: retentor da cambota de trás

## 5. Bomba de óleo, bomba de água

Aqui também é válido que os diferentes jogos de reparação (A, B, etc.) correspondem respectivamente as bombas (A, B, etc.). Na coluna da direita sempre aparece uma imagem real da bomba.

Recebe com a bomba de água uma foto com uma imagem da vista superior e inferior. A altura e o comprimento da bomba é também sempre são mencionados.



## 6. Velas incandescentes e velas de ignição

As diferenças entre as velas incandescentes estão sempre indicadas.

Ex. 10,5 V; M10; comprimento total: 89 mm

- Tensão: 10,5 Volt
- Rosca: M10
- Comprimento total: 89 mm

As diferenças entre as velas de ignição estão indicadas com o tipo.

Ex. W14-EXU





## Lista de peças

Português

	Símb.	Descrição	Regra		Símb.	Descrição	Regra
<b>PISTÕES, CASQUILHOS DE CILINDROS E ACESSÓRIOS</b>				<b>ROLAMENTOS</b>			
	<b>PI</b>	pistão (com ou sem cavilhão)	por pistão		<b>HL</b>	bronze de apoio da cambota	kit do motor
	<b>PP</b>	cavilha do pistão	1 peça		<b>AL</b>	anilha de afinação da cambota	kit do motor
	<b>PC</b>	anel de retenção, cavilha do pistão	1 peça		<b>BL</b>	bronze de biela	por biela
	<b>SE</b>	kit de segmentos	jogo do motor		<b>PB</b>	casquilho do pé da biela	1 peça
	<b>PISE</b>	pistão (com ou sem cavilhão) + kit de segmentos	por pistão		<b>NL</b>	casquilhos da árvore de cames	kit do motor
	<b>CH</b>	camisa do motor	1 peça	<b>JUNTAS</b>			
	<b>AS</b>	conjunto de camisa (pistão, segmentos, camisa)	por cilindro		<b>KP</b>	jogo de juntas completo do motor	1 peça
<b>VÁLVULAS E PARTES APARENTADAS</b>					<b>BP</b>	jogo de juntas de descarbonização	1 peça
	<b>IK</b>	válvula de admissão	1 peça		<b>CP</b>	jogo inferior	1 peça
	<b>UK</b>	válvula de escape	1 peça		<b>JC</b>	junta da culaça	1 peça
	<b>KS</b>	válvula	1 peça		<b>DP</b>	jogo de juntas do distribuidor	1 peça
	<b>IG</b>	guia, válvula de admissão	1 peça		<b>KA</b>	junta da válvula	1 peça
	<b>UG</b>	guia, válvula de escape	1 peça		<b>SV</b>	retentor da cambota da frente	1 peça
	<b>KG</b>	guia, válvula de admissão/escape	1 peça		<b>SA</b>	retentor da cambota de trás	1 peça

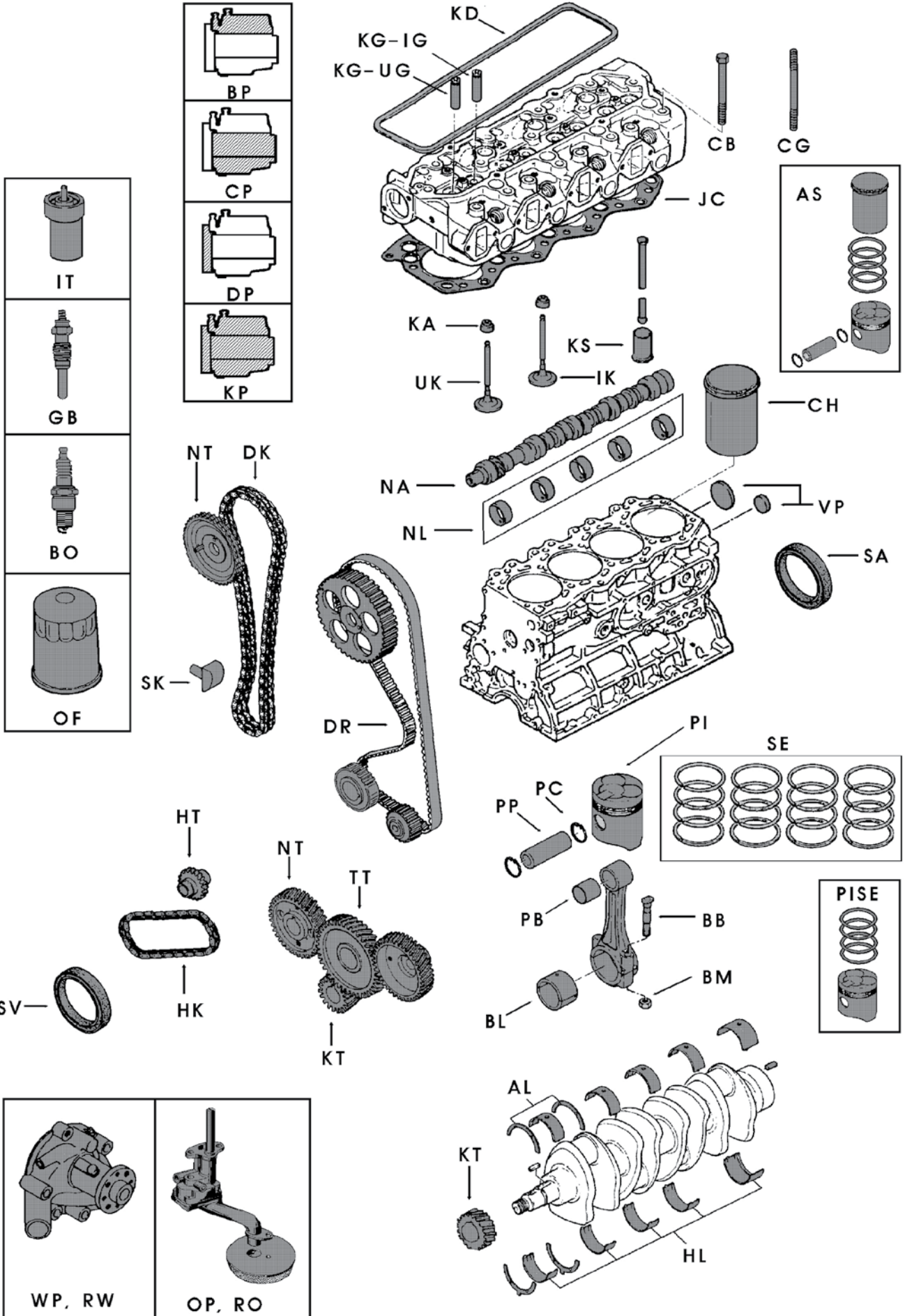




## Lista de peças

Português

	Símb.	Descrição	Regra		Símb.	Descrição	Regra
	<b>KD</b>	junta da tampa das válvulas	1 peça		<b>KT</b>	carreto, árvore de cames	1 peça
<b>HARDWARE</b>					<b>TT</b>	carreto intermediário	1 peça
	<b>CB</b>	parafuso da cabeça do motor	1 peça		<b>HT</b>	carreto, hidráulico, bomba de tração	1 peça
	<b>VP</b>	kit relés do motor	kit do motor		<b>DK</b>	corrente da distribuição	1 peça
	<b>BB</b>	parafuso, biela	1 peça		<b>SK</b>	corrente da distribuição	1 peça
	<b>BM</b>	porca, biela	1 peça		<b>DR</b>	tensor da corrente	1 peça
	<b>CG</b>	bujão, cabeça do motor	1 peça		<b>HK</b>	corrente, hidráulico, bomba de tração	1 peça
<b>BOMBAS DE ÁGUA E ÓLEO</b>					<b>OK</b>	corrente, bomba de tração	1 peça
	<b>OP</b>	bomba de óleo	1 peça	<b>FILTROS, IGNIÇÃO E INJEÇÃO</b>			
	<b>WP</b>	bomba de água	1 peça		<b>OF</b>	filtro de óleo	1 peça
	<b>RO</b>	kit de reparação, bomba de óleo	1 peça		<b>BO</b>	vela de ignição	1 peça
	<b>RW</b>	kit de reparação, bomba de água	1 peça		<b>GB</b>	vela incandescentes	1 peça
<b>PARTES DA DISTRIBUIÇÃO</b>					<b>IT</b>	bico injetor	1 peça
	<b>NA</b>	árvore de cames	1 peça				
	<b>NT</b>	carreto, árvore de cames	1 peça				





## POLSKI: INSTRUKCJA

**Dane silnika:**

Znajdź właściwą markę w katalogu. Marki ustawione są w porządku alfabetycznym. Na górze każdej strony znajdziesz markę i typ silnika, poniżej dane techniczne oraz informacje w jakiej marce maszyn dany silnik występuje. Listę marek znajdziesz na str. B-F.

## Marka i typ silnika

Opis: **rodzaj paliwa** · **ilość cylindrów** · **średnica cylindra**

Stosowany w: **marki w których występuje ten silnik**

**Opisy:**

W celu ułatwienia wyszukiwania części, każdy element posiada specyficzny kod.

**Np. 4 PI 058006 STD A**  
(5) (1) (2) (3) (4)

- (1) = PI jest skrótem nazwy części. W tym przypadku jest to tłok.  
Opis kodów części znajdziesz na str. 48-50.
- (2) = 058006 jest naszym wewnętrznym numerem dla tego specyficznego silnika.
- (3) = Jeżeli występują części w nadwymiarze lub podwymiarze (np. tłoki, panewki, itd.) zostały one oznaczone w następujący sposób.
- STD: Standard  
025: nadwymiar lub podwymiar 0,250 mm  
0125: nadwymiar lub podwymiar 0,125 mm  
0254: nadwymiar lub podwymiar 0,254 mm
- (4) = Jeżeli występują części w różnych wersjach zostały one oznaczone w następujący sposób: A, B, C, itp. Różnice poszczególnych wersji zostały podane w kolumnie 'UWAGI'.
- (5) = Cyfra przed numerem części oznacza ilość części wchodzącą w skład danego numeru.  
Dzięki temu wiesz ile sztuk masz zamówić.  
Jeżeli nie ma żadnej cyfry z przodu stosuje się standardową zasadę, którą znajdziesz w liście części na str. 48-49.

**Przykłady:****1) 4PI 058006STDA:**

Na liście części znajdującej się na stronach 48-49 znajdziesz wyjaśnienie, że skrót PI oznacza tłok. W ostatniej kolumnie znajdziesz uwagę, że tłoki zawsze dostarczane są "na cylinder". W przykładzie tym, cyfra "4" z przodu numeru, oznacza, że te konkretne tłoki dostarczane są w zestawie 4 sztuk.

**058006:** jest nadanym przez nas numerem dla silnika TOYOTA 2J.

**STD:** określa standardowy wymiar tłoka.

**A:** w silniku 2J mogą wystąpić różne wersje tłoków. Ten tłok jest wersją A.

Numer 4PI 058006STDA składa się z czterech standardowych tłoków w wersji A występujących w silniku TOYOTA 2J.

**2) 1BL 057004025:**

Skrót BL oznacza panewki korbowodowe. Zgodnie z zasadą dostarczamy panewki na jeden korbowód lub dwie półpanewki. Jeżeli przed skrótem znajduje się cyfra 1 oznacza to, że dostarczana jest tylko jedna półpanewka.

**057004:** silnik NISSAN J15

**025:** podwymiar 0,25 mm



## Części silnikowe:

### 1. Tłoki, sworznie tłoków, tuleje tłoków, zestawy tulei tłokowych

PI 134001STDA	4	With 4 ring grooves, head shape A	
PI 134001STDB	4	With 4 ring grooves, head shape B	
PI 134001STDC	4	With 3 ring grooves, height: 84.6 mm, without piston pin	
PI 134001STDD	4	With 3 ring grooves, height: 95.6 mm, without piston pin	
PP 134001	4		
PC 134001	8		
1SE 134001STDA	4	With piston A	
1SE 134001STDB	4	With piston B	
1SE 134001STDC	4	With piston C	
1SE 134001STDD	4	With piston D	
CH 134001	4		
4AS 134001A	1	With piston A	
4AS 134001B	1	With piston B and piston pin bushing: 27.0 x 30.0 x 30.0 mm	
4AS 134001C	1	With piston C	
4AS 134001D	1	With piston D	
4AS 134001E	1	With piston B and piston pin bushing: 27.0 x 30.0 x 54.0 mm	

Jeżeli w danym silniku występują różne typy tłoków, ich numery napisane są kolejno pod sobą. Również numery różnych pierścieni tłokowych zostały w ten sposób zapisane. Oznacza to, że pierścienie typu A stanowią komplet z tłokiem typu A. Ten system oznaczeń odnosi się również do kompletów tulei silnikowych. Jeżeli są odstępstwa od tej reguły, to są one zapisane w kolumnie "UWAGI".

### 2. Zawory, popychacze zaworów, prowadnice zaworów

Jeżeli w danym silniku występują różne typy zaworów to ich wymiary oraz kąty nachylenia będą podane w kolumnie "UWAGI".

### 3. Panewki

W kolumnie "UWAGI" jest zawsze podane ile sztuk danej części znajduje się w silniku. Podane jest to w kolumnie "Ilość". Przy zamówieniu panewek musisz brać pod uwagę ile chcesz zamówić oraz ile zawiera dany numer katalogowy. Nie sugeruj się rysunkiem z górnej ramki, który służy do celów czysto poglądowych. W kolumnie "STD średnica wałka" zanotowana jest standardowa średnica wałka.

### 4. Zestawy uszczelnień i uszczelnienia

Uszczelnienia typowe dla różnych zestawów uszczelnień są oznaczone A, B, C, itp. Oznaczenie to (A, B, C, itp.) koresponduje z odpowiednią wersją zestawu (A, B, C, itp.).

KP 058004A	1	With front and rear oil seals, with valve seals	
KP 058004B	1	With front and rear oil seals, with valve seals	
KP 058004C	1	With front and rear oil seals, with valve seals	
KP 058004D	1	With front and rear oil seals, with valve seals	

KP 058004E	1	With front and rear oil seals, with valve seals	
BP 058004A	1		
BP 058004B	1		
BP 058004C	1		
BP 058004D	1		
BP 058004E	1		
JC 058004A	1		
JC 058004B	1		
JC 058004D	1		
KA 058004A	8	O-ring	
KA 058004D	8		
SV 058004A	1	58.0 x 38.5 x 11.0 mm	
SV 058004B	1	88.0 x 45.0 x 12.0 mm	
SA 058004	1		
KD 058004A	1	Length: 440.0 mm	
KD 058004B	1	Length: 450.0 mm	



Zestaw uszczelnień [KP058004A](#) zawiera między innymi uszczelkę oznaczoną literą A. Zasada ta odnosi się również do uszczelnień oznaczonych B, C, D, E. Żeby zamówić poprawny zestaw sprawdź jaka uszczelka fizycznie znajduje się w silniku.

Jeżeli w silniku występują wszystkie w/w uszczelnienia należy zamówić zestaw [KP058004D](#).



Ta sama zasada dotyczy powyżej pokazanych uszczelnień.

Różne uszczelki głowicy [JC058004A](#), [JC058004B](#) oraz [JC058004D](#) zostały odpowiednio oznaczone JCA, JCB oraz JCD.

Przy każdym zestawie uszczelnień jest opis czy zestaw zawiera uszczelnienie wału korbowego (przód i tył) i/lub uszczelnienie trzonek zaworów.

Jeżeli nie ma tych uszczelnień w zestawie, można zamówić je osobno.

KA: uszczelnienie trzonka zaworu (na sztuki)

SV: uszczelnienie olejowe przód

SA: uszczelnienie olejowe tył

### **5. Pompa oleju i pompa wody**

Zasada oznaczeń odnosi się również w stosunku do zestawów naprawczych (A, B, itp.) które odpowiadają pompom oznaczonym A, B, itp. W prawej kolumnie zostały pokazane rysunki odpowiednich pomp.

Przy pompie wody otrzymujesz zdjęcie góry i dołu pompy. Podajemy również jej wysokość i długość.



### **6. Świece żarowe, świece zapłonowe**

Podano również różnice pomiędzy świecami zapłonowymi.

Np. 10,5 V; M10; długość całkowita: 89 mm

napięcie: 10,5 Volt

gwint: M10

długość całkowita: 89 mm

Różnice pomiędzy świecami zapłonowymi zostały oznaczone typem:

Np. W14-EXU





## Lista części

Polski

	Skrót	Opis	Ilość		Skrót	Opis	Ilość
<b>TŁOKI, TULEJE TŁOKÓW I AKCESORIA</b>				<b>ŁOŻYSKA</b>			
	PI	tłok (z lub bez sworznia)	1 tłok		HL	zestaw panewek głównych	zestaw na silnik
	PP	sworzeń tłoka	1 sztuka		AL	zestaw pierścieni oporowych	zestaw na silnik
	PC	pierścień zabezpieczający sworzeń tłoka	1 sztuka		BL	zestaw panewek korbowodowych	zestaw na wał
	SE	zestaw pierścieni	zestaw na silnik		PB	tulejka sworznia tłoka	1 tuleja
	PISE	tłok (z lub bez sworznia) + zestaw pierścieni	1 tłok		NL	łożyska wałka rozrządu	zestaw na silnik
	CH	tuleja tłoka	1 sztuka	<b>USZCZELNIENIA</b>			
	AS	zestaw tulei (tuleja, tłok, pierścienie)	zestaw na 1 cylinder		KP	kompletny zestaw uszczelnień	1 sztuka
<b>ZAWORY I CZĘŚCI POKREWNE</b>					BP	górny zestaw uszczelnień	1 sztuka
	IK	zawór ssący	1 sztuka		CP	dolny zestaw uszczelnień	1 sztuka
	UK	zawór wydechowy	1 sztuka		JC	uszczelka głowicy	1 sztuka
	KS	popychacz zaworu	1 sztuka		DP	zestaw uszczelnień rozrządu	1 sztuka
	IG	przewodnica zaworu ssącego	1 sztuka		KA	uszczelniaacz zaworu	1 sztuka
	UG	przewodnica zaworu wydechowego	1 sztuka		SV	uszczelniaacz wału korbowego przód	1 sztuka
	KG	przewodnica zaworu ssącego/ wydechowego	1 sztuka		SA	uszczelniaacz wału korbowego tył	1 sztuka

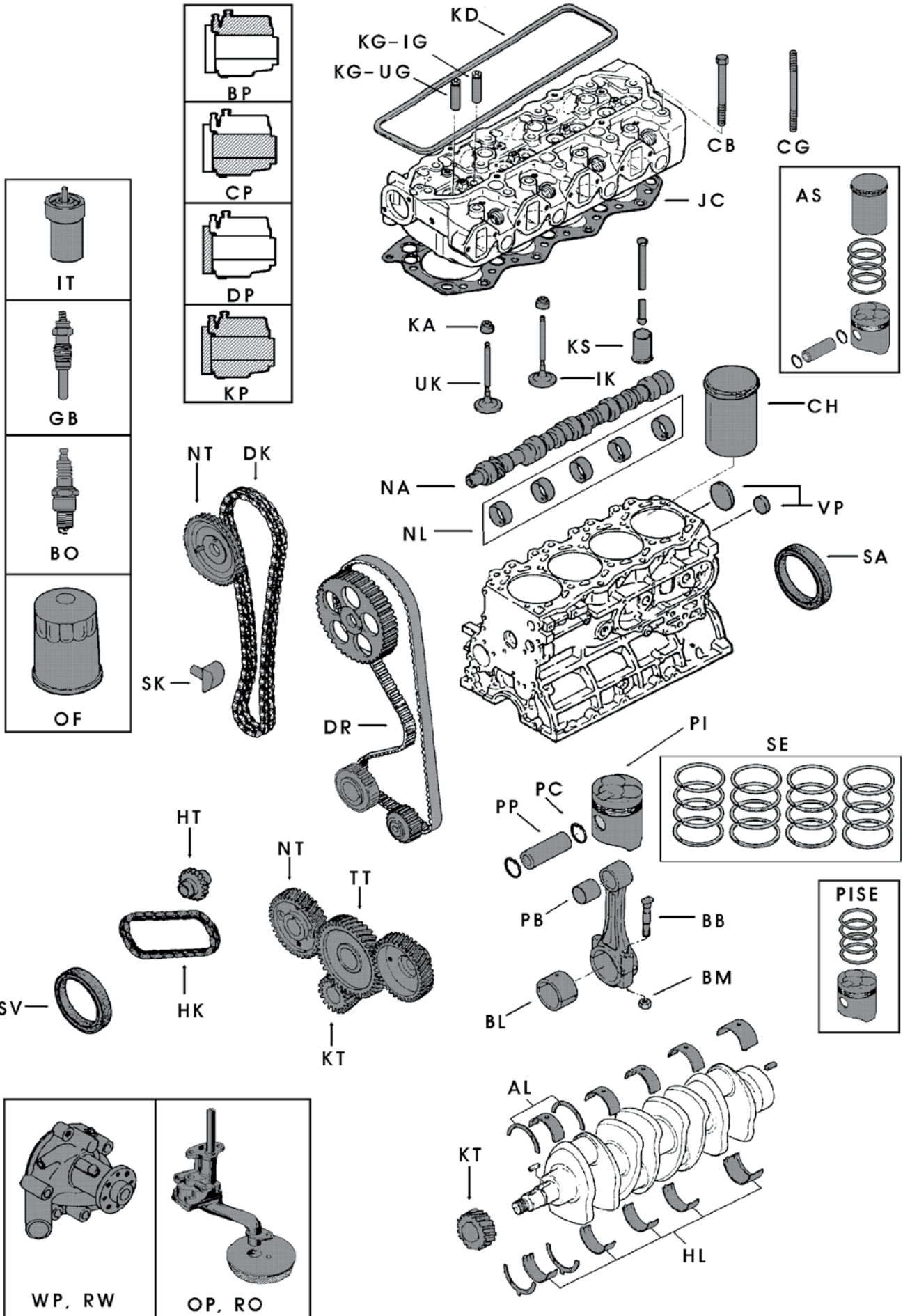


## Lista części

Polski

	Skrót	Opis	Ilość		Skrót	Opis	Ilość
	<b>KD</b>	uszczelka pokrywy zaworów	1 sztuka		<b>KT</b>	zębatka wału korbowego	1 sztuka
<b>HARDWARE</b>					<b>TT</b>	zębatka pośrednia	1 sztuka
	<b>CB</b>	śruba głowicy silnika	1 sztuka		<b>HT</b>	zębatka napędu pompy hydraulicznej	1 sztuka
	<b>VP</b>	zestaw korków ekspansyjnych	zestaw na silnik		<b>DK</b>	tańcuch rozrządu	1 sztuka
	<b>BB</b>	śruba korbowodu	1 sztuka		<b>SK</b>	napinacz tańcucha	1 sztuka
	<b>BM</b>	nakrętka śruby korbowodu	1 sztuka		<b>DR</b>	pasek rozrządu	1 sztuka
	<b>CG</b>	szpilka głowicy	1 sztuka		<b>HK</b>	tańcuch napędu pompy hydraulicznej	1 sztuka
<b>POMPY WODY I OLEJU</b>					<b>OK</b>	tańcuch napędu pompy oleju	1 sztuka
	<b>OP</b>	pompa oleju	1 sztuka	<b>FILTRY, ZAPŁON I WTRYSK</b>			
	<b>WP</b>	pompa wody	1 sztuka		<b>OF</b>	filt oleju	1 sztuka
	<b>RO</b>	zestaw naprawczy pompy oleju	1 sztuka		<b>BO</b>	świeca zapłonowa	1 sztuka
	<b>RW</b>	zestaw naprawczy pompy wody	1 sztuka		<b>GB</b>	świeca żarowa	1 sztuka
<b>CZĘŚCI ROZRZĄDU</b>					<b>IT</b>	końcówka wtryskiwacza	1 sztuka
	<b>NA</b>	watek rozrządu	1 sztuka				
	<b>NT</b>	zębatka wałka rozrządu	1 sztuka				







## РУССКИЙ: РУКОВОДСТВО

**Данные двигателя:**

Для начала, отыщите в каталоге нужный бренд. Бренды следуют в алфавитном порядке. В верхней части страницы указывается бренд и модель, вслед за этим представлена спецификация двигателя и перечислены бренды погрузчиков, в которых он используется. Список всех брендов представлен на стр В - F.

**Бренд и тип двигателя**

Технические условия: **бензин или дизель** · количество цилиндров · расточка

Применимость: **Наименования брендов, для которых используется двигатель**

**Обозначения:**

Каждой запчасти двигателя для последующего удобства поиска, присваивается обозначение.

**Например. 4 PI 058006 STD A**  
(5) (1) (2) (3) (4)

(1) = PI соответствует обозначению запчасти двигателя (поршень).  
Список обозначений Вы найдете на стр. 54-56

(2) = 058006 наш внутренний номер артикула для этой модели двигателя.

(3) = Здесь указывается, является ли артикул (например, поршень, подшипник, итд.) номиналом или ремонтным размером, превышающим или меньшим по отношению к номиналу.

STD: Номинал (стандарт)  
025: ремонтный размер (+/-) 0,250 mm  
0125: ремонтный размер (+/-) 0,125 mm  
0254: ремонтный размер (+/-) 0,254 mm

(4) = Когда имеется несколько модификаций данного артикула, каждая получает свое обозначение А, В, С, итд. Наиболее характерные особенности для каждого исполнения указываются в колонке 'REMARKS'.

(5) = Цифры перед обозначением артикула указывает на необходимое количество из расчета на двигатель. Это количество для заказа. В отсутствие числа, берется стандартное количество по умолчанию. Эта информация указывается на стр. 54-55.

**Примеры:****1) 4PI 058006STDA:**

В списке запчастей на стр. 54-55 можно видеть, что обозначение PI соответствует поршню. В последней колонке имеется ссылка на правило по умолчанию, заключающееся в том, что поршень всегда поставляется 'на один цилиндр'. В данном примере, '4' перед обозначением указывает, что данные поршни поставляются комплектом из 4 штук.

**058006:** наш внутренний номер для двигателя TOYOTA 2J.

**STD:** указывает на номинальность размера поршня.

**A:** Двигатель 2J имеет несколько исполнений для поршня. Данный поршень (A) соответствует одному из них.

Таким образом, артикул 4PI 058006STDA подразумевает 4 поршня номинального размера для двигателя TOYOTA 2J с исполнением типа А.

**2) 1BL 057004025:**

В списке запчастей можно видеть, что обозначение BL соответствует комплекту шатунных подшипников. Согласно правила, они поставляются из расчета на шатун или двумя половинками подшипников. Цифра 1 перед обозначением указывает на то, что артикул состоит лишь из 1 половины подшипника.

**057004:** NISSAN J15

**025:** ремонтный размер, меньший номинала на 0,25 mm



## Запчасти для двигателя:

### 1. Поршни, поршневые кольца, гильзы, гильзокомплекты

PI 134001STDA	4	With 4 ring grooves, head shape A	
PI 134001STDB	4	With 4 ring grooves, head shape B	
PI 134001STDC	4	With 3 ring grooves, height: 84.6 mm, without piston pin	
PI 134001STDD	4	With 3 ring grooves, height: 90.6 mm, without piston pin	
PP 134001	4		
PC 134001	B		
1SE 134001STDA	4	With piston A	
1SE 134001STDB	4	With piston B	
1SE 134001STDC	4	With piston C	
1SE 134001STDD	4	With piston D	
CH 134001	4		
4AS 134001A	1	With piston A	
4AS 134001B	1	With piston B and piston pin bushing: 27.0 x 30.0 x 30.0 mm	
4AS 134001C	1	With piston C	
4AS 134001D	1	With piston D	
4AS 134001E	1	With piston B and piston pin bushing: 27.0 x 30.0 x 34.0 mm	

В случае нескольких модификаций поршней, их номера указываются один под другим. Таким же образом указываются модификации поршневых колец. Вариант А поршневых колец соответствует варианту А поршней. То же самое с гильзокомплектами. В случае, когда это правило не действует, об этом будет сделана отметка в "REMARKS".

### 2. Клапаны, толкатели, направляющие клапанов

В случае нескольких модификаций клапанов одного двигателя, в графе "REMARKS" указываются их размеры, информация о шлицах и углы посадки.

### 3. Подшипники

В колонке "REMARKS" указывается количество данного артикула из расчета на целый двигатель. Это указывается в колонке Qty/eng. Перед размещением заказа сверьтесь с требуемым количеством и количеством в одном артикуле по каталогу. Просим, при этом, не обращать внимание на схематичные изображения. Они являются лишь иллюстрацией, представляющей подшипники. В колонке "STD shaft dia" указывается стандартный диаметр вала.

### 4. Комплекты прокладок, прокладки

Прокладки, типичные для различных комплектов, помечаются буквами А, В, С, итд. Таким, образом, буквенные обозначения (А, В, С, итд.) корреспондируют соответствующим комплектам прокладок (А, В, С, итд.).

KP 058004A	1	With front and rear oil seals, with valve seals	
KP 058004B	1	With front and rear oil seals, with valve seals	
KP 058004C	1	With front and rear oil seals, with valve seals	
KP 058004D	1	With front and rear oil seals, with valve seals	

KP 058004E	1	With front and rear oil seals, with valve seals	
BP 058004A	1		
BP 058004B	1		
BP 058004C	1		
BP 058004D	1		
BP 058004E	1		
JC 058004A	1		
JC 058004B	1		
JC 058004D	1		
KA 058004A	B	O-ring	
KA 058004D	B		
SV 058004A	1	58.0 x 38.5 x 13.0 mm	
SV 058004B	1	68.0 x 45.0 x 13.0 mm	
SA 058004	1		
KD 058004A	1	Length: 440.0 mm	
KD 058004B	1	Length: 450.0 mm	



Комплект прокладок [KP058004A](#) включает в себя, помимо прочих, также прокладки, помеченные литерой А. Такова же логика для комплектов В, С, D, Е. Для заказа корректного комплекта, Вам необходимо свериться с тем, какой тип комплекта соответствует Вашему двигателю.

Если для Вашего двигателя типичны нижеследующие прокладки, в Вашем случае, нужно заказать [KP058004D](#).



Такое же правило применительно и для комплектов верхней части двигателя.

Различные модификации прокладки головки блока [JC058004A](#), [JC058004B](#) и [JC058004D](#) маркируются, соответственно, JCA, JCB и JCD.

Для каждого комплекта, указывается, входит или нет в состав комплекта масло-съемные колпачки коленвала (передние и задние) и/или сальники клапанов.

Если указано, что они не входят в комплект, их необходимо заказать отдельно

KA: сальники клапанов (поштучно)

SV: масло-съемный колпачок (передний)

SA: масло-съемный колпачок (задний)

## **5. Масляные и водные насосы**

Для этих узлов, имеются также различные комплекты (А, В, итд), корреспондирующие с соответствующими насосами. В правой колонке помещаются фото насосов.

С водяным насосом прилагаются фото с верхним и нижним видами. Также, в приложении указывается высота и длина насоса.



## **6. Свечи накала и зажигания**

Различия для различных типов свечей накала отмечаются текстом

Например, 10,5 V; M10; Общая длина: 89 mm

Напряжение: 10,5 В

Резьба: M10

Общая длина: 89 mm

Различия для различных типов свечей зажигания отмечаются указанием типа.

Например W14-EXU



## Список запчастей

Русский


	Аббр.	Наименование	Норма		Аббр.	Наименование	Норма
<b>ПОРШНИ, ГИЛЬЗЫ И КОМПЛЕКТУЮЩИЕ</b>				<b>ПОДШИПНИКИ</b>			
	<b>PI</b>	Поршень (с пальцем или без)	На поршень		<b>HL</b>	Комплект коренных подшипников	На двигатель
	<b>PP</b>	Палец поршневой	1 шт		<b>AL</b>	Комплект упорных подшипников	На двигатель
	<b>PC</b>	Стопорное кольцо поршневого пальца	1 шт		<b>BL</b>	Комплект шатунных подшипников	На шатун
	<b>SE</b>	Комплект порневых колец	На двигатель		<b>PB</b>	Вкладыш поршневого пальца	1 шт
	<b>PISE</b>	Поршень (с пальцем или без) + комплект колец	На поршень		<b>NL</b>	Комплект подшипников распредвала	На двигатель
	<b>CH</b>	Гильза	1 шт	<b>САЛЬНИКИ</b>			
	<b>AS</b>	Гильзокомплект (поршень, кольца, гильза)	На цилиндр		<b>KP</b>	Ремкомплект сальников двигателя	1 шт
<b>КЛАПАНЫ И ИХ ПРОИЗВОДНЫЕ</b>					<b>BP</b>	Ремкомплект двигателя верхней части	1 шт
	<b>IK</b>	Впускной клапан	1 шт		<b>CP</b>	Ремкомплект двигателя нижней части	1 шт
	<b>UK</b>	Выпускной клапан	1 шт		<b>JC</b>	Прокладка голоки блока	1 шт
	<b>KS</b>	Толкатель клапана (гидрокомпенсатор)	1 шт		<b>DP</b>	Ремкомплект распределительной части	1 шт
	<b>IG</b>	Направляющая впускного клапана	1 шт		<b>KA</b>	Сальник клапана	1 шт
	<b>UG</b>	Направляющая выпускного клапана	1 шт		<b>SV</b>	Маслосъемный сальник коленвала, передний	1 шт
	<b>KG</b>	Направляющая в(ы) пускного клапана	1 шт		<b>SA</b>	Маслосъемный сальник коленвала, задний	1 шт



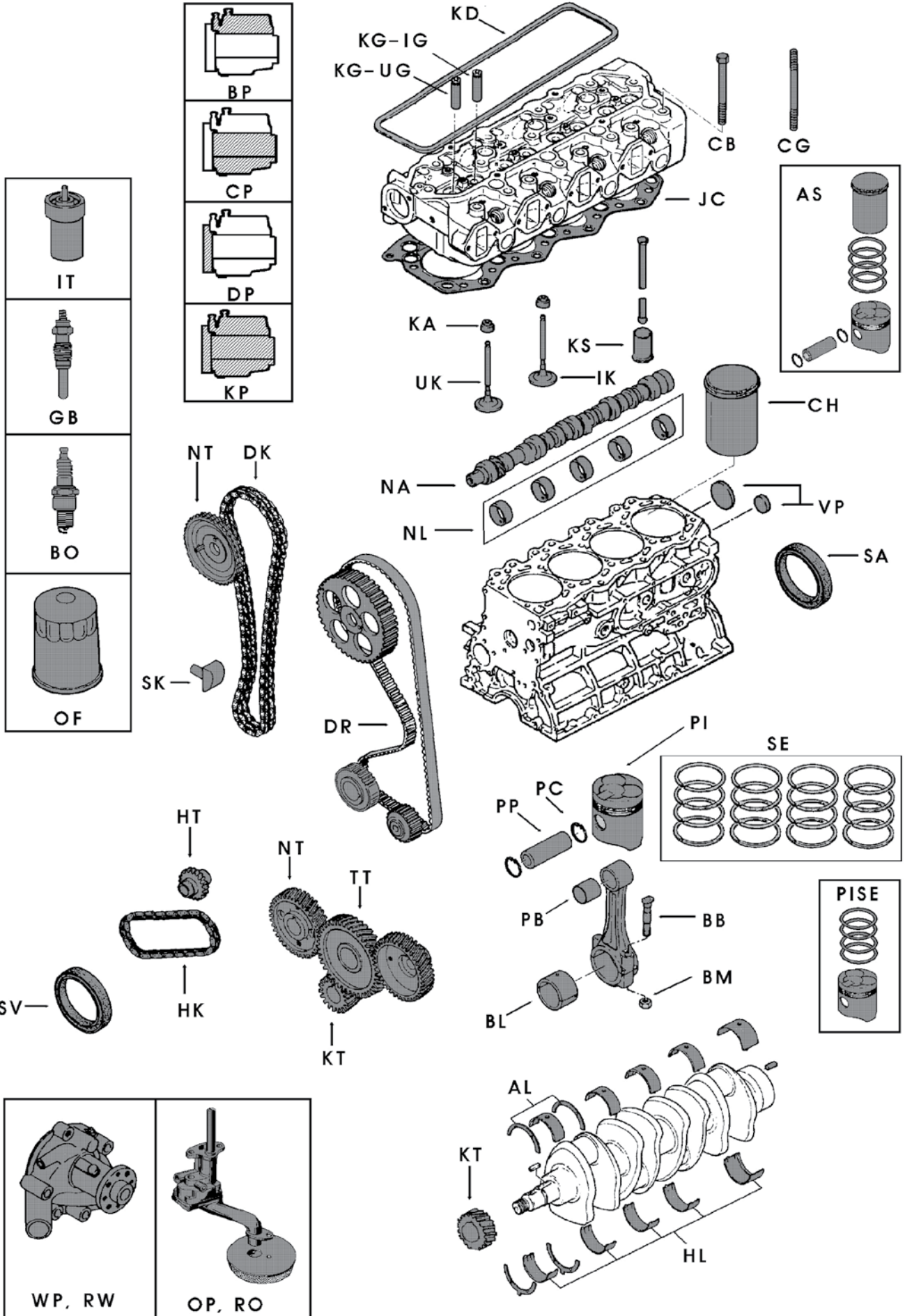


## Список запчастей

Русский

	Аббр.	Наименование	Норма		Аббр.	Наименование	Норма
	<b>KD</b>	Прокладка крышки головки блока цилиндров	1 шт		<b>КТ</b>	Шестерня коленвала	1 шт
<b>МЕТАЛЛОФУРНИТУРА</b>					<b>ТТ</b>	Паразитная шестерня	1 шт
	<b>СВ</b>	Болт головки блока цилиндров	1 шт		<b>НТ</b>	Шестерня привода гидравлического насоса	1 шт
	<b>VP</b>	Комплект компенсационных заглушек	На двигатель		<b>DK</b>	Цепь ГРМ	1 шт
	<b>ВВ</b>	Болт шатуна	1 шт		<b>SK</b>	Натяжитель цепи/ремня	1 шт
	<b>ВМ</b>	Гайка шатунна	1 шт		<b>DR</b>	Ремень ГРМ	1 шт
	<b>СГ</b>	Шпилька головки блока цилиндров	1 шт		<b>НК</b>	Цепь привода гидравлического насоса	1 шт
<b>ВОДНЫЕ И МАСЛЯНЫЕ НАСОСЫ</b>					<b>OK</b>	Цепь привода масляного насоса	1 шт
	<b>OP</b>	Масляный насос	1 шт	<b>ФИЛЬТРЫ, ЗАЖИГАНИЕ И ИНЖЕКЦИЯ</b>			
	<b>WP</b>	Водный насос	1 шт		<b>OF</b>	Масляный фильтр	1 шт
	<b>RO</b>	Ремкомплект масляного насоса	1 шт		<b>ВО</b>	Свеча зажигания	1 шт
	<b>RW</b>	Ремкомплект водного насоса	1 шт		<b>GB</b>	Свеча накала	1 шт
<b>ЗАПЧАСТИ РАСПРЕДЕЛИТЕЛЬНОЙ ЧАСТИ ДВИГАТЕЛЯ</b>					<b>IT</b>	Форсунка	1 шт
	<b>NA</b>	Распредвал	1 шт				
	<b>NT</b>	Шестерня распредвала	1 шт				







USED FOR  
**CATERPILLAR**



Used for: **CATERPILLAR 1404**

Specifications: **Gasoline · 4 cylinders · Bore: 4.0" (101,60 mm)**

In: **CATERPILLAR**

REF	Qty./eng.	Remarks	
<a href="#">PI009001STDA</a>	4	STD, flat	
<a href="#">PI009001020A</a>	4	0.020" oversize, flat	
<a href="#">PI009001040A</a>	4	0.040" oversize, flat	
<a href="#">PI009001STDB</a>	4	STD, bowl	
<a href="#">PI009001020B</a>	4	0.020" oversize, bowl	
<a href="#">PI009001040B</a>	4	0.040" oversize, bowl	
<a href="#">SE009001STD</a>	1	STD	
<a href="#">SE009001020</a>	1	0.020" oversize	
<a href="#">SE009001030</a>	1	0.030" oversize	
<a href="#">SE009001040</a>	1	0.040" oversize	
<a href="#">SE009001060</a>	1	0.060" oversize	
<a href="#">IK009001A</a>	4	Dia: 46,0 mm	
<a href="#">IK009001B</a>	4	Dia: 42,0 mm	
<a href="#">UK009001A</a>	4	Dia: 39,4 mm	
<a href="#">UK009001B</a>	4	Dia: 37,7 mm	
<a href="#">KS009001</a>	8		
<a href="#">KG009001030</a>	8	0.030" oversize	
<a href="#">KG009001060</a>	8	0.060" oversize	
<a href="#">HL009001STD</a>	1	STD shaft dia: 57,12 mm	
<a href="#">HL009001010</a>	1	0.010" undersize	
<a href="#">HL009001020</a>	1	0.020" undersize	
<a href="#">HL009001030</a>	1	0.030" undersize	
<a href="#">BL009001STD</a>	4	STD shaft dia: 50,77 mm	
<a href="#">4BL009001010</a>	1	0.010" undersize	
<a href="#">4BL009001020</a>	1	0.020" undersize	
<a href="#">4BL009001030</a>	1	0.030" undersize	
<a href="#">PB009001</a>	4		
<a href="#">NL009001</a>	1	Engine set	
<a href="#">KP009001</a>	1		
<a href="#">BP009001</a>	1		
<a href="#">CP009001</a>	1		
<a href="#">JC009001</a>	1		
<a href="#">DP009001</a>	1		
<a href="#">KA009001A</a>	4	Intake	

REF	Qty./eng.	Remarks	
<a href="#">KA009001B</a>	4	Exhaust	
<a href="#">SV009001</a>	1		
<a href="#">SA009001</a>	1		
<a href="#">KD009001</a>	1		
<a href="#">CB009001</a>	10		
<a href="#">VP009001</a>	1		
<a href="#">BB009001</a>	8		
<a href="#">BM009001</a>	8		
<a href="#">OP009001</a>	1		
<a href="#">WP009001A</a>	1	Total height: 121,0 mm Total length: 168,0 mm Pulley with 4 holes	With gasket 
<a href="#">WP009001B</a>	1	Total height: 123,0 mm Total length: 167,0 mm Pulley with 2 holes	With gasket 
<a href="#">NA009001</a>	1		
<a href="#">NT009001</a>	1		
<a href="#">KT009001</a>	1		
<a href="#">TT009001</a>	1		
<a href="#">HT009001</a>	1		
<a href="#">OF009001</a>	1		
<a href="#">B0009001</a>	4		





USED FOR  
**CONTINENTAL**



Used for: **CONTINENTAL F135**

Specifications: **Gasoline · 4 cylinders · Bore: 3 1/8" (79,38 mm)**

In: **HYSTER, CLARK, ALLIS CHALMERS, YALE**

REF	Qty./eng.	Remarks	
<a href="#">PI023001STD</a>	4	STD	
<a href="#">PI023001020</a>	4	0.020" oversize	
<a href="#">PI023001030</a>	4	0.030" oversize	
<a href="#">PI023001040</a>	4	0.040" oversize	
<a href="#">PI023001060</a>	4	0.060" oversize	
<a href="#">SE023001STD</a>	1	1 x 5/64", 2 x 3/32", 1 x 3/16" (1 x 1,98 , 2 x 2,38 , 1 x 4,76 mm)	
<a href="#">SE023001020</a>	1	0.020" oversize	
<a href="#">SE023001030</a>	1	0.030" oversize	
<a href="#">SE023001040</a>	1	0.040" oversize	
<a href="#">SE023001060</a>	1	0.060" oversize	
<a href="#">CH023001</a>	4		
<a href="#">IK023001</a>	4		
<a href="#">UK023001</a>	4		
<a href="#">KS023001</a>	8		
<a href="#">KG023001</a>	8		
<a href="#">HL023001STD</a>	1	STD shaft dia: 60,31-60,33 mm	
<a href="#">HL023001010</a>	1	0.010" undersize	
<a href="#">HL023001020</a>	1	0.020" undersize	
<a href="#">HL023001030</a>	1	0.030" undersize	
<a href="#">HL023001040</a>	1	0.040" undersize	
<a href="#">BL023001STDA</a>	2 or 4	STD shaft dia: 52,37-52,39 mm, right	
<a href="#">BL023001010A</a>	2 or 4	0.010" undersize, right	
<a href="#">BL023001020A</a>	2 or 4	0.020" undersize, right	
<a href="#">BL023001030A</a>	2 or 4	0.030" undersize, right	
<a href="#">BL023001040A</a>	2 or 4	0.040" undersize, right	
<a href="#">BL023001STDB</a>	2 or 0	STD shaft dia: 52,37-52,39 mm, left	
<a href="#">BL023001010B</a>	2 or 0	0.010" undersize, left	
<a href="#">BL023001020B</a>	2 or 0	0.020" undersize, left	
<a href="#">BL023001030B</a>	2 or 0	0.030" undersize, left	
<a href="#">BL023001040B</a>	2 or 0	0.040" undersize, left	
<a href="#">PB023001</a>	4		
<a href="#">NL023001</a>	1		
<a href="#">BP023001</a>	1		
<a href="#">CP023001</a>	1	With front oil seal, no rear oil seal	

REF	Qty./eng.	Remarks
<a href="#">JC023001</a>	1	
<a href="#">DP023001</a>	1	
<a href="#">SV023001</a>	1	
<a href="#">1SA023001</a>	2	
<a href="#">VP023001</a>	1	
<a href="#">OF023001</a>	1	
<a href="#">B0023001</a>	4	
<p><b>For oil pump, water pump and headbolts, see end of Continental-section.</b></p>		



Used for: **CONTINENTAL F163**

Specifications: **Gasoline · 4 cylinders · Bore: 3 7/16" (87,31 mm)**

In: **CATERPILLAR, HYSTER, TOWMOTOR, FENWICK, CLARK, ALLIS CHALMERS, YALE**

REF	Qty./eng.	Remarks	
<a href="#">PI023002STD</a>	4	STD	
<a href="#">PI023002020</a>	4	0.020" oversize	
<a href="#">PI023002030</a>	4	0.030" oversize	
<a href="#">PI023002040</a>	4	0.040" oversize	
<a href="#">PI023002060</a>	4	0.060" oversize	
<a href="#">SE023002STD</a>	1	1 x 5/64", 2 x 3/32", 1 x 1/4" (1 x 1,98 , 2 x 2,38 , 1 x 6,35 mm)	
<a href="#">SE023002020</a>	1	0.020" oversize	
<a href="#">SE023002030</a>	1	0.030" oversize	
<a href="#">SE023002040</a>	1	0.040" oversize	
<a href="#">SE023002060</a>	1	0.060" oversize	
<a href="#">CH023002</a>	4	Semi-finished	
<a href="#">IK023002</a>	4		
<a href="#">UK023002</a>	4		
<a href="#">KS023002</a>	8		
<a href="#">KG023002</a>	8		
<a href="#">HL023002STD</a>	1	STD shaft dia: 60,31-60,33 mm	
<a href="#">HL023002010</a>	1	0.010" undersize	
<a href="#">HL023002020</a>	1	0.020" undersize	
<a href="#">HL023002030</a>	1	0.030" undersize	
<a href="#">HL023002040</a>	1	0.040" undersize	
<a href="#">BL023002STDA</a>	2 or 4	STD shaft dia: 52,37-52,39 mm, right	
<a href="#">BL023002010A</a>	2 or 4	0.010" undersize, right	
<a href="#">BL023002020A</a>	2 or 4	0.020" undersize, right	
<a href="#">BL023002030A</a>	2 or 4	0.030" undersize, right	
<a href="#">BL023002040A</a>	2 or 4	0.040" undersize, right	
<a href="#">BL023002STDB</a>	2 or 0	STD shaft dia: 52,37-52,39 mm, right	
<a href="#">BL023002010B</a>	2 or 0	0.010" undersize, left	
<a href="#">BL023002020B</a>	2 or 0	0.020" undersize, left	
<a href="#">BL023002030B</a>	2 or 0	0.030" undersize, left	
<a href="#">BL023002040B</a>	2 or 0	0.040" undersize, left	
<a href="#">PB023002</a>	4		
<a href="#">NL023002</a>	1		
<a href="#">BP023002</a>	1		
<a href="#">CP023002</a>	1		

REF	Qty./eng.	Remarks
<a href="#">JC023002</a>	1	
<a href="#">DP023002</a>	1	With front oil seal, no rear oil seal
<a href="#">SV023002</a>	1	
<a href="#">1SA023002</a>	2	
<a href="#">VP023002</a>	1	
<a href="#">OF023002A</a>	1	H: 107,0 mm Dia: 89,0 mm
<a href="#">OF023002B</a>	1	H: 140,0 mm Dia: 98,0 mm
<a href="#">B0023002</a>	4	
<p><b>For oil pump, water pump and headbolts, see end of Continental-section.</b></p>		

Used for: CONTINENTAL





Used for: **CONTINENTAL F227**

Specifications: **Gasoline · 6 cylinders · Bore: 3 5/16" (84,14 mm)**

In: **HYSTER, CATERPILLAR, TOWMOTOR, FENWICK**

REF	Qty./eng.	Remarks	
<a href="#">PI023003STDA</a>	6	STD; top groove 0.152", 3,86 mm	
<a href="#">PI023003020A</a>	6	0.020" oversize	
<a href="#">PI023003030A</a>	6	0.030" oversize	
<a href="#">PI023003040A</a>	6	0.040" oversize	
<a href="#">PI023003STDB</a>	6	STD; top groove 5/64", 1,98 mm	
<a href="#">PI023003020B</a>	6	0.020" oversize	
<a href="#">PI023003030B</a>	6	0.030" oversize	
<a href="#">PI023003040B</a>	6	0.040" oversize	
<a href="#">PI023003STDC</a>	6	STD; top groove 2,38 mm	
<a href="#">SE023003STDA</a>	1	STD; thickness top ring: 0.152", 3,86 mm 1 x 0.152"; 2 x 1/8"; 1 x 1/4"	
<a href="#">SE023003020A</a>	1	0.020" oversize	
<a href="#">SE023003030A</a>	1	0.030" oversize	
<a href="#">SE023003040A</a>	1	0.040" oversize	
<a href="#">SE023003STDB</a>	1	STD; thickness top ring: 5/64", 1,98 mm 1 x 5/64"; 2 x 3/32"; 1 x 1/4"	
<a href="#">SE023003020B</a>	1	0.020" oversize	
<a href="#">SE023003030B</a>	1	0.030" oversize	
<a href="#">SE023003040B</a>	1	0.040" oversize	
<a href="#">SE023003STDC</a>	1	STD; 2,38 mm x 2,38 mm x 3,90 mm x 3,90 mm	
<a href="#">CH023003</a>	6	Semi-finished	
<a href="#">IK023003</a>	6		
<a href="#">UK023003</a>	6		
<a href="#">KS023003</a>	12		
<a href="#">KG023003</a>	12		
<a href="#">HL023003STD</a>	1	STD shaft dia: 60,31-60,33 mm	
<a href="#">HL023003010</a>	1	0.010" undersize	
<a href="#">HL023003020</a>	1	0.020" undersize	
<a href="#">HL023003030</a>	1	0.030" undersize	
<a href="#">BL023003STDA</a>	3 or 6	STD shaft dia: 52,37-52,39 mm, right	
<a href="#">BL023003010A</a>	3 or 6	0.010" undersize, right	
<a href="#">BL023003020A</a>	3 or 6	0.020" undersize, right	
<a href="#">BL023003030A</a>	3 or 6	0.030" undersize, right	
<a href="#">BL023003040A</a>	3 or 6	0.040" undersize, right	

REF	Qty./eng.	Remarks	
<a href="#">BL023003STDB</a>	3 or 0	STD shaft dia: 52,37 mm-52,39 mm, left	
<a href="#">BL023003010B</a>	3 or 0	0.010" undersize, left	
<a href="#">BL023003020B</a>	3 or 0	0.020" undersize, left	
<a href="#">BL023003030B</a>	3 or 0	0.030" undersize, left	
<a href="#">BL023003040B</a>	3 or 0	0.040" undersize, left	
<a href="#">PB023003</a>	6		
<a href="#">NL023003</a>	1		
<a href="#">BP023003</a>	1		
<a href="#">CP023003</a>	1		
<a href="#">JC023003</a>	1		
<a href="#">DP023003</a>	1	With front oil seal, no rear oil seal	
<a href="#">SV023003</a>	1		
<a href="#">1SA023003</a>	2		
<a href="#">VP023003</a>	1		
<a href="#">OF023003</a>	1		
<a href="#">B0023003</a>	6		
<p><b>For oil pump, water pump and headbolts, see end of Continental-section.</b></p>			



Used for: **CONTINENTAL F245**

Specifications: **Gasoline · 6 cylinders · Bore: 3 7/16" (87,31 mm)**

In: **HYSTER, CATERPILLAR, TOWMOTOR, FENWICK, CLARK**

REF	Qty./eng.	Remarks
<a href="#">PI023004STD</a>	6	STD
<a href="#">PI023004020</a>	6	0.020" oversize
<a href="#">PI023004030</a>	6	0.030" oversize
<a href="#">PI023004040</a>	6	0.040" oversize
<a href="#">PI023004060</a>	6	0.060" oversize
<a href="#">SE023004STD</a>	1	STD; 1 x 5/64"; 2 x 3/32"; 1 x 3/16"
<a href="#">SE023004020</a>	1	0.020" oversize
<a href="#">SE023004030</a>	1	0.030" oversize
<a href="#">SE023004040</a>	1	0.040" oversize
<a href="#">SE023004060</a>	1	0.060" oversize
<a href="#">CH023004</a>	6	Semi-finished
<a href="#">IK023004</a>	6	
<a href="#">UK023004</a>	6	
<a href="#">KS023004</a>	12	
<a href="#">KG023004</a>	12	
<a href="#">HL023004STD</a>	1	STD shaft dia: 60,31-60,33 mm
<a href="#">HL023004010</a>	1	0.010" undersize
<a href="#">HL023004020</a>	1	0.020" undersize
<a href="#">HL023004030</a>	1	0.030" undersize
<a href="#">BL023004STDA</a>	3 or 6	STD shaft dia: 52,37-52,39 mm, right
<a href="#">BL023004010A</a>	3 or 6	0.010" undersize, right
<a href="#">BL023004020A</a>	3 or 6	0.020" undersize, right
<a href="#">BL023004030A</a>	3 or 6	0.030" undersize, right
<a href="#">BL023004040A</a>	3 or 6	0.040" undersize, right
<a href="#">BL023004STDB</a>	3 or 0	STD shaft dia: 52,37-52,39 mm, left
<a href="#">BL023004010B</a>	3 or 0	0.010" undersize, left
<a href="#">BL023004020B</a>	3 or 0	0.020" undersize, left
<a href="#">BL023004030B</a>	3 or 0	0.030" undersize, left
<a href="#">BL023004040B</a>	3 or 0	0.040" undersize, left
<a href="#">PB023004</a>	6	
<a href="#">NL023004</a>	1	
<a href="#">BP023004</a>	1	
<a href="#">CP023004</a>	1	

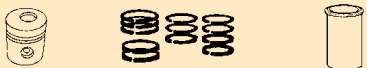
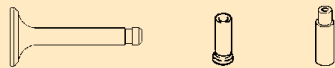
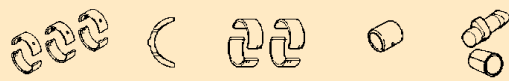
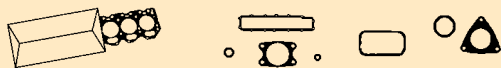

REF	Qty./eng.	Remarks
<a href="#">JC023004</a>	1	
<a href="#">DP023004</a>	1	With front oil seal, no rear oil seal
<a href="#">SV023004</a>	1	
<a href="#">1SA023004</a>	2	
<a href="#">VP023004</a>	1	
<a href="#">OF023004</a>	1	
<a href="#">B0023004</a>	6	
<p><b>For oil pump, water pump and headbolts, see end of Continental-section.</b></p>		







Used for: **CONTINENTAL G193**

Specifications: **Gasoline · 4 cylinders · Bore: 3 3/4" (95,25 mm)**

In: **HYSTER**

REF	Qty./eng.	Remarks
		
<a href="#">PI023005STD</a>	4	STD
<a href="#">PI023005020</a>	4	0.020" oversize
<a href="#">PI023005030</a>	4	0.030" oversize
<a href="#">PI023005040</a>	4	0.040" oversize
<a href="#">SE023005STD</a>	1	STD; 1 x 5/64"; 2 x 3/32"; 1 x 3/16"
<a href="#">SE023005020</a>	1	0.020" oversize
<a href="#">SE023005030</a>	1	0.030" oversize
<a href="#">SE023005040</a>	1	0.040" oversize
		
<a href="#">IK023005</a>	4	
<a href="#">UK023005</a>	4	
<a href="#">KS023005</a>	8	
<a href="#">KG023005</a>	8	
		
<a href="#">HL023005STD</a>	1	STD shaft dia: 60,30-60,33 mm
<a href="#">HL023005010</a>	1	0.010" undersize
<a href="#">HL023005020</a>	1	0.020" undersize
<a href="#">HL023005030</a>	1	0.030" undersize
<a href="#">4BL023005STD</a>	1	STD shaft dia: 57,12-57,15 mm
<a href="#">4BL023005010</a>	1	0.010" undersize
<a href="#">4BL023005020</a>	1	0.020" undersize
<a href="#">4BL023005030</a>	1	0.030" undersize
<a href="#">NL023005</a>	1	
		
<a href="#">BP023005</a>	1	
<a href="#">CP023005</a>	1	
<a href="#">JC023005</a>	1	
		
<a href="#">DP023005</a>	1	With front oil seal, no rear oil seal
<a href="#">8KA023005</a>	1	Engine set valve seals
<a href="#">SV023005</a>	1	
<a href="#">SA023005</a>	1	
<a href="#">KD023005</a>	1	

REF	Qty./eng.	Remarks
		
<a href="#">VP023005</a>	1	
		
<a href="#">WP023005</a>	1	Total height: 138,0 mm Total length: 267,0 mm With gasket
		
<a href="#">R0023005</a>	1	
<a href="#">RW023005</a>	1	
		
<a href="#">OF023005</a>	1	
<a href="#">B0023005</a>	4	



Used for: **CONTINENTAL TM20**

Specifications: **Gasoline · 3 cylinders · Bore: 91,00 mm**

In: **FIAT, CLARK**

REF	Qty./eng.	Remarks
<a href="#">PI023007STD</a>	3	STD
<a href="#">PI023007050</a>	3	0,500 mm oversize
<a href="#">PI023007075</a>	3	0,750 mm oversize
<a href="#">PI023007100</a>	3	1,000 mm oversize
<a href="#">1SE023007STD</a>	3	STD; 1 piece/piston
<a href="#">1SE023007050</a>	3	0,500 mm oversize, 1 piece/piston
<a href="#">1SE023007075</a>	3	0,750 mm oversize, 1 piece/piston
<a href="#">1SE023007100</a>	3	1,000 mm oversize, 1 piece/piston
<a href="#">IK023007</a>	3	
<a href="#">UK023007A</a>	3	
<a href="#">UK023007B</a>	3	Stellite valve for gas-engine
<a href="#">KS023007</a>	6	
<a href="#">KG023007</a>	6	
<a href="#">HL023007STD</a>	1	STD shaft dia: 72,974 mm-72,944 mm
<a href="#">HL023007025</a>	1	0,250 mm undersize
<a href="#">HL023007050</a>	1	0,500 mm undersize
<a href="#">HL023007075</a>	1	0,750 mm undersize
<a href="#">HL023007100</a>	1	1,000 mm undersize
<a href="#">BL023007STD</a>	3	STD shaft dia: 49,212 mm-49,187 mm
<a href="#">BL023007025</a>	3	0,250 mm undersize
<a href="#">BL023007050</a>	3	0,500 mm undersize
<a href="#">BL023007075</a>	3	0,750 mm undersize
<a href="#">BL023007100</a>	3	1,000 mm undersize
<a href="#">PB023007</a>	3	Outside dia: 30,700 mm; when replacing 30,200 mm bushing, machine rod hole to 30,630 mm-30,605 mm
<a href="#">BP023007</a>	1	No valve seals
<a href="#">CP023007</a>	1	
<a href="#">JC023007</a>	1	
<a href="#">DP023007</a>	1	With front and rear oil seals
<a href="#">KA023007</a>	6	

REF	Qty./eng.	Remarks	
<a href="#">SV023007</a>	1		
<a href="#">1SA023007</a>	2		
<a href="#">KD023007</a>	1		
<a href="#">CB023007A</a>	8	M12 x 130,0 mm	
<a href="#">CB023007B</a>	4	M10 x 40,0 mm	
<a href="#">VP023007</a>	1		
<a href="#">BB023007</a>	6		
<a href="#">OP023007</a>	1		
<a href="#">WP023007A</a>	1	Total height: 134,0 mm Total length: 230,0 mm 3 bolts for fan fixing	With gasket 
<a href="#">WP023007B</a>	1	Total height: 134,0 mm Total length: 232,0 mm 4 bolts for fan fixing	With gasket 
<a href="#">RW023007A</a>	1		
<a href="#">NA023007</a>	1		
<a href="#">NT023007</a>	1		
<a href="#">KT023007</a>	1		
<a href="#">OF023007</a>	1		
<a href="#">B0023007</a>	3		



Used for: **CONTINENTAL TM27**

Specifications: **Gasoline · 4 cylinders · Bore: 91,00 mm**

In: **FIAT, LINDE, CLARK, HALLA**

REF	Qty./eng.	Remarks
<a href="#">PI023008STD</a>	4	STD
<a href="#">PI023008050</a>	4	0,500 mm oversize
<a href="#">PI023008075</a>	4	0,750 mm oversize
<a href="#">PI023008100</a>	4	1,000 mm oversize
<a href="#">1SE023008STD</a>	4	STD; 1 piece/piston
<a href="#">1SE023008050</a>	4	0,500 mm oversize, 1 piece/piston
<a href="#">1SE023008075</a>	4	0,750 mm oversize, 1 piece/piston
<a href="#">1SE023008100</a>	4	1,000 mm oversize, 1 piece/piston
<a href="#">IK023008</a>	4	
<a href="#">UK023008A</a>	4	
<a href="#">UK023008B</a>	4	Stellite valve for gas-engine
<a href="#">KS023008</a>	8	
<a href="#">KG023008</a>	8	
<a href="#">HL023008STD</a>	1	STD shaft dia: 72,974 mm-72,944 mm
<a href="#">HL023008025</a>	1	0,250 mm undersize
<a href="#">HL023008050</a>	1	0,500 mm undersize
<a href="#">HL023008075</a>	1	0,750 mm undersize
<a href="#">HL023008100</a>	1	1,000 mm undersize
<a href="#">BL023008STD</a>	4	STD shaft dia: 49,212 mm-49,187 mm
<a href="#">BL023008025</a>	4	0,250 mm undersize
<a href="#">BL023008050</a>	4	0,500 mm undersize
<a href="#">BL023008075</a>	4	0,750 mm undersize
<a href="#">BL023008100</a>	4	1,000 mm undersize
<a href="#">PB023008</a>	4	Outside dia: 30,700 mm; when replacing 30,200 mm bushing, machine rod hole to 30,630 mm-30,605 mm
<a href="#">BP023008</a>	1	No valve seals
<a href="#">CP023008</a>	1	
<a href="#">JC023008</a>	1	
<a href="#">DP023008</a>	1	With front oil seal
<a href="#">KA023008</a>	8	
<a href="#">SV023008</a>	1	

REF	Qty./eng.	Remarks
<a href="#">SA023008</a>	1	
<a href="#">KD023008</a>	1	
<a href="#">CB023008A</a>	10	M12 x 130,0 mm
<a href="#">CB023008B</a>	5	M10 x 40,0 mm
<a href="#">VP023008</a>	1	
<a href="#">BB023008</a>	8	
<a href="#">OP023008</a>	1	
<a href="#">WP023008A</a>	1	Total height: 134,0 mm Total length: 230,0 mm For Fiat, 3 bolts for fan
<a href="#">WP023008B</a>	1	Total height: 134,0 mm Total length: 232,0 mm For Fiat, 4 bolts for fan
<a href="#">WP023008C</a>	1	Total height: 167,0 mm Total length: 340,0 mm For Clark
<a href="#">RW023008A</a>	1	For water pump A and B
<a href="#">RW023008C</a>	1	For water pump C
<a href="#">NA023008</a>	1	
<a href="#">NT023008</a>	1	
<a href="#">KT023008</a>	1	
<a href="#">OF023008</a>	1	
<a href="#">B0023008A</a>	4	W20EXR-U
<a href="#">B0023008B</a>	4	W24EPR-U



Used for: **CONTINENTAL TMD27**

Specifications: **Diesel · 4 cylinders · Bore: 91,00 mm**

In: **CLARK**

REF	Qty./eng.	Remarks
<a href="#">PI023009STD</a>	4	STD
<a href="#">PI023009050</a>	4	0,500 mm oversize
<a href="#">PI023009075</a>	4	0,750 mm oversize
<a href="#">PI023009100</a>	4	1,000 mm oversize
<a href="#">1SE023009STD</a>	4	STD; 1 piece/piston
<a href="#">1SE023009050</a>	4	0,500 mm oversize, 1 piece/piston
<a href="#">1SE023009075</a>	4	0,750 mm oversize, 1 piece/piston
<a href="#">1SE023009100</a>	4	1,000 mm oversize, 1 piece/piston
<a href="#">IK023009</a>	4	
<a href="#">UK023009</a>	4	
<a href="#">KS023009</a>	8	
<a href="#">KG023009</a>	8	
<a href="#">HL023009STD</a>	1	STD shaft dia: 72,974 mm-72,944 mm
<a href="#">HL023009025</a>	1	0,250 mm undersize
<a href="#">HL023009050</a>	1	0,500 mm undersize
<a href="#">HL023009075</a>	1	0,750 mm undersize
<a href="#">HL023009100</a>	1	1,000 mm undersize
<a href="#">BL023009STD</a>	4	STD shaft dia: 49,212 mm-49,187 mm
<a href="#">BL023009025</a>	4	0,250 mm undersize
<a href="#">BL023009050</a>	4	0,500 mm undersize
<a href="#">BL023009075</a>	4	0,750 mm undersize
<a href="#">BL023009100</a>	4	1,000 mm undersize
<a href="#">PB023009</a>	4	Outside dia: 30,700 mm; when replacing 30,200 mm bushing, machine rod hole to 30,630 mm-30,605 mm
<a href="#">BP023009</a>	1	No valve seals
<a href="#">CP023009</a>	1	
<a href="#">JC023009</a>	1	
<a href="#">DP023009</a>	1	
<a href="#">KA023009</a>	8	
<a href="#">SV023009</a>	1	

REF	Qty./eng.	Remarks
<a href="#">SA023009</a>	1	
<a href="#">KD023009</a>	1	
<a href="#">CB023009A</a>	10	M12 x 220,0 mm
<a href="#">CB023009B</a>	5	M10 x 40,0 mm
<a href="#">VP023009</a>	1	
<a href="#">BB023009</a>	8	
<a href="#">OP023009</a>	1	
<a href="#">WP023009</a>	1	Total height: 167,0 mm Total length: 340,0 mm With gasket
<a href="#">RW023009</a>	1	
<a href="#">NA023009</a>	1	
<a href="#">NT023009A</a>	1	Timing
<a href="#">NT023009B</a>	1	Injection pump drive
<a href="#">KT023009</a>	1	
<a href="#">TT023009</a>	1	Injection pump
<a href="#">OF023009</a>	1	
<a href="#">GB023009</a>	4	
<a href="#">IT023009</a>	4	

Used for: CONTINENTAL





Used for: **CONTINENTAL Y112**

Specifications: **Gasoline · 4 cylinders · Bore: 3 3/16" (80,96 mm)**

In: **CLARK, HYSTER**

REF	Qty./eng.	Remarks	
<a href="#">PI023006STD</a>	4	STD	
<a href="#">PI023006020</a>	4	0.020" oversize	
<a href="#">PI023006030</a>	4	0.030" oversize	
<a href="#">PI023006040</a>	4	0.040" oversize	
<a href="#">SE023006STD</a>	1	STD	
<a href="#">SE023006020</a>	1	0.020" oversize	
<a href="#">SE023006030</a>	1	0.030" oversize	
<a href="#">SE023006040</a>	1	0.040" oversize	
<a href="#">CH023006</a>	4		
<a href="#">IK023006A</a>	4	Dia: 30,5 mm, length: 101,9 mm	
<a href="#">IK023006B</a>	4	Dia: 30,6 mm, length: 103,0 mm	
<a href="#">UK023006A</a>	4	Dia: 25,8 mm, length: 102,5 mm	
<a href="#">UK023006B</a>	4	Dia: 25,8 mm, length: 102,4 mm	
<a href="#">KS023006</a>	8		
<a href="#">KG023006</a>	8		
<a href="#">HL023006STDA</a>	1	STD shaft dia: 44,39 mm-44,41 mm, straight	
<a href="#">HL023006010A</a>	1	0.010" undersize, straight	
<a href="#">HL023006020A</a>	1	0.020" undersize, straight	
<a href="#">HL023006030A</a>	1	0.030" undersize, straight	
<a href="#">HL023006STDB</a>	1	STD shaft dia: 44,39 mm-44,41 mm, flanged upper half	
<a href="#">HL023006010B</a>	1	0.010" undersize, flanged upper half	
<a href="#">HL023006020B</a>	1	0.020" undersize, flanged upper half	
<a href="#">HL023006030B</a>	1	0.030" undersize, flanged upper half	
<a href="#">AL023006STD</a>	1	For HLA	
<a href="#">BL023006STDA</a>	2 or 4	STD shaft dia: 38,10 mm, right	
<a href="#">BL023006010A</a>	2 or 4	0.010" undersize, right	
<a href="#">BL023006020A</a>	2 or 4	0.020" undersize, right	
<a href="#">BL023006030A</a>	2 or 4	0.030" undersize, right	
<a href="#">BL023006040A</a>	2 or 4	0.040" undersize, right	

REF	Qty./eng.	Remarks	
<a href="#">BL023006STDB</a>	2 or 0	STD shaft dia: 38,10 mm, left	
<a href="#">BL023006010B</a>	2 or 0	0.010" undersize, left	
<a href="#">BL023006020B</a>	2 or 0	0.020" undersize, left	
<a href="#">BL023006030B</a>	2 or 0	0.030" undersize, left	
<a href="#">BL023006040B</a>	2 or 0	0.040" undersize, left	
<a href="#">PB023006</a>	4		
<a href="#">NL023006</a>	1		
<a href="#">BP023006</a>	1		
<a href="#">CP023006</a>	1		
<a href="#">JC023006</a>	1		
<a href="#">DP023006A</a>	1	Clark, no front or rear oil seal	
<a href="#">DP023006B</a>	1	Hyster, with front oil seal, no rear oil seal	
<a href="#">SV023006</a>	1		
<a href="#">1SA023006</a>	2		
<a href="#">VP023006</a>	1		
<a href="#">OF023006</a>	1		
<a href="#">B0023006</a>	4		



## Water pumps used for CONTINENTAL engines

For other dimensions or models please contact us!

Used for: CONTINENTAL



(for 1 belt)

**REF [WP023A](#)**



(for 2 belts)

**REF [WP023D](#)**



(for 3 belts)

**REF [WP023B](#)**



(for 2 belts)

**REF [WP023E](#)**



(for 1 belt)

**REF [WP023C](#)**



(for 3 belts)

**REF [WP023F](#)**

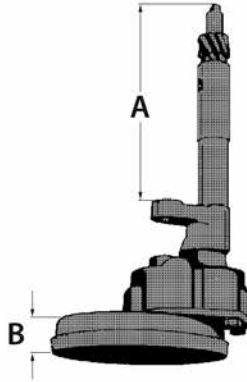


## Oil pumps used for CONTINENTAL engines

For other dimensions or models please contact us!

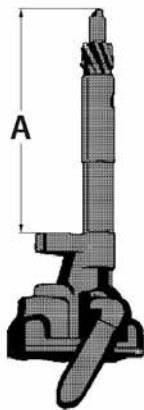
For the engine G193 no oil pump available, only repair kit [R0023005!](#)

Used for: CONTINENTAL



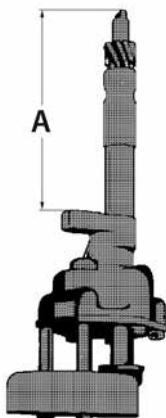
### Type 1

REF oil pump	Dimensions	REF repair kit
<a href="#">OP023A</a>	A = 180 mm	<a href="#">R0023A</a>
<a href="#">OP023B</a>	A = 230 mm	<a href="#">R0023B</a>
<a href="#">OP023C</a>	A = 147 mm	<a href="#">R0023C</a>



### Type 2

REF oil pump	Dimensions	REF repair kit
<a href="#">OP023D</a>	A = 180 mm	<a href="#">R0023D</a>



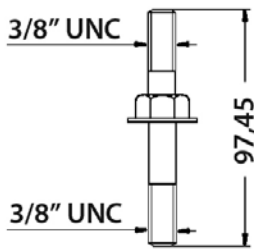
### Type 3

REF oil pump	Dimensions	REF repair kit
<a href="#">OP023E</a>	A = 180 mm	<a href="#">R0023E</a>

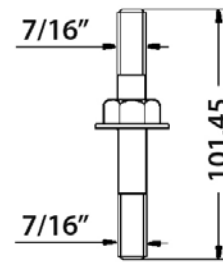


## Cylinder head bolts used for CONTINENTAL engines

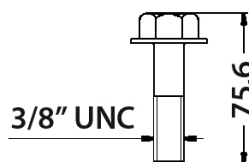
For other dimensions or models please contact us!



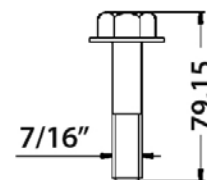
REF CB023A



REF CB023B



REF CB023C



REF CB023D



USED FOR  
**CUMMINS**





Used for: CUMMINS

Used for: **CUMMINS A2300**

Specifications: **Diesel · 4 cylinders · Bore: 88,00 mm**

In: **DOOSAN-DAEWOO**

REF	Qty./eng.	Remarks
<a href="#">PP183002</a>	4	
<a href="#">PC183002</a>	8	
<a href="#">1SE183002STD</a>	4	STD
<a href="#">PISE183002STD</a>	4	STD, piston with rings
<a href="#">CH183002</a>	4	Finished
<a href="#">IK183002</a>	4	
<a href="#">UK183002</a>	4	
<a href="#">KS183002</a>	8	
<a href="#">KG183002</a>	8	
<a href="#">1HL183002STD</a>	5	STD
<a href="#">1HL183002025</a>	5	0,250 mm undersize
<a href="#">AL183002STD</a>	2	STD
<a href="#">AL183002010</a>	2	0,100 mm oversize
<a href="#">1BL183002STD</a>	4	STD
<a href="#">1BL183002025</a>	4	0,250 mm undersize
<a href="#">PB183002</a>	4	
<a href="#">1NL183002</a>	1	
<a href="#">KP183002A</a>	1	2 bolt acc drive cover
<a href="#">KP183002B</a>	1	4 bolt acc drive cover
<a href="#">JC183002</a>	1	
<a href="#">KA183002</a>	8	
<a href="#">SV183002</a>	1	
<a href="#">SA183002</a>	1	
<a href="#">KD183002</a>	1	
<a href="#">CB183002A</a>	14	M11 x 97,0 mm, complete engine: <a href="#">CB183002A</a> and <a href="#">CB183002B</a>
<a href="#">CB183002B</a>	4	M11 x 92,5 mm, complete engine: <a href="#">CB183002A</a> and <a href="#">CB183002B</a>
<a href="#">BB183002</a>	8	

REF	Qty./eng.	Remarks
<a href="#">OP183002</a>	1	
<a href="#">WP183002</a>	1	Total height: 117,0 mm Total length: 277,0 mm With gasket 
<a href="#">NA183002</a>	1	
<a href="#">NT183002</a>	1	
<a href="#">KT183002</a>	1	
<a href="#">TT183002</a>	1	
<a href="#">OF183002</a>	1	
<a href="#">GB183002</a>	4	
<a href="#">IT183002</a>	4	Complete injector



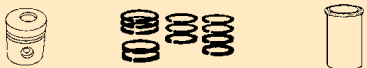
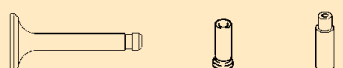
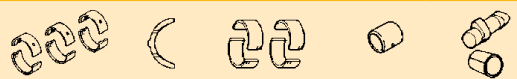
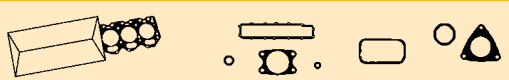




Used for: CUMMINS B3.3 E

Specifications: Diesel · 4 cylinders · Bore: 95,00 mm

In: DOOSAN-DAEWOO, YALE, HYSTER

Used for: CUMMINS

REF	Qty./eng.	Remarks
		
<a href="#">PP183004</a>	4	
<a href="#">PC183004</a>	8	
<a href="#">1SE183004STD</a>	4	STD
<a href="#">PISE183004STD</a>	4	STD, with circlips
		
<a href="#">IK183004</a>	4	
<a href="#">UK183004</a>	4	
<a href="#">KS183004</a>	8	
		
<a href="#">1HL183004STD</a>	5	STD
<a href="#">1HL183004025</a>	5	0,250 mm undersize
<a href="#">1HL183004050</a>	5	0,500 mm undersize
<a href="#">1HL183004075</a>	5	0,750 mm undersize
<a href="#">1HL183004100</a>	5	1,000 mm undersize
<a href="#">AL183004STD</a>	1	STD
<a href="#">AL183004025</a>	1	0,250 mm oversize
<a href="#">AL183004050</a>	1	0,500 mm oversize
<a href="#">AL183004075</a>	1	0,750 mm oversize
<a href="#">AL183004100</a>	1	1,000 mm oversize
<a href="#">1BL183004STD</a>	4	STD
<a href="#">1BL183004025</a>	4	0,250 mm undersize
<a href="#">1BL183004050</a>	4	0,500 mm undersize
<a href="#">1BL183004075</a>	4	0,750 mm undersize
<a href="#">1BL183004100</a>	4	1,000 mm undersize
		
<a href="#">KP183004</a>	1	
<a href="#">JC183004</a>	1	
		
<a href="#">KA183004</a>	8	
<a href="#">SV183004</a>	1	
<a href="#">SA183004</a>	1	
<a href="#">KD183004A</a>	1	
<a href="#">KD183004B</a>	3	Gasket under bolts
		
<a href="#">CB183004</a>	17	M12 x 56,0 mm
<a href="#">BB183004</a>	8	

REF	Qty./eng.	Remarks
		
<a href="#">OP183004</a>	1	
		
<a href="#">WP183004</a>	1	Total height: 135,0 mm Total length: 354,0 mm
		
		
<a href="#">NA183004</a>	1	With gear
<a href="#">NT183004</a>	1	
<a href="#">KT183004</a>	1	
<a href="#">TT183004</a>	1	
		
<a href="#">OF183004</a>	1	



Used for: CUMMINS

Used for: CUMMINS B4.5RGT

Specifications: Diesel · 4 cylinders · Bore: 102,00 mm

In: YALE, HYSTER

REF	Qty./eng.	Remarks
<a href="#">PP183003</a>	4	
<a href="#">PC183003</a>	8	
<a href="#">1SE183003STD</a>	4	STD
<a href="#">PISE183003STD</a>	4	STD
<a href="#">CH183003</a>	4	Semi-finished
<a href="#">IK183003</a>	8	With collets
<a href="#">UK183003</a>	8	With collets
<a href="#">KS183003</a>	8	
<a href="#">1HL183003STDA</a>	4	STD
<a href="#">1HL183003025A</a>	4	0,250 mm undersize
<a href="#">1HL183003050A</a>	4	0,500 mm undersize
<a href="#">1HL183003075A</a>	4	0,750 mm undersize
<a href="#">1HL183003100A</a>	4	1,000 mm undersize
<a href="#">1HL183003STDB</a>	4	STD
<a href="#">1HL183003025B</a>	4	0,250 mm undersize
<a href="#">1HL183003050B</a>	4	0,500 mm undersize
<a href="#">1HL183003075B</a>	4	0,750 mm undersize
<a href="#">1HL183003100B</a>	4	1,000 mm undersize
<a href="#">1AL183003STDA</a>	1	STD
<a href="#">1AL183003025A</a>	1	0,250 mm undersize
<a href="#">1AL183003050A</a>	1	0,500 mm undersize
<a href="#">1AL183003075A</a>	1	0,750 mm undersize
<a href="#">1AL183003100A</a>	1	1,000 mm undersize
<a href="#">1AL183003STDB</a>	1	STD
<a href="#">1AL183003025B</a>	1	0,250 mm undersize
<a href="#">1AL183003050B</a>	1	0,500 mm undersize
<a href="#">1AL183003075B</a>	1	0,750 mm undersize
<a href="#">1AL183003100B</a>	1	1,000 mm undersize
<a href="#">1BL183003STDA</a>	4	STD
<a href="#">1BL183003025A</a>	4	0,250 mm undersize
<a href="#">1BL183003050A</a>	4	0,500 mm undersize
<a href="#">1BL183003075A</a>	4	0,750 mm undersize
<a href="#">1BL183003100A</a>	4	1,000 mm undersize
<a href="#">1BL183003STDB</a>	4	STD
<a href="#">1BL183003025B</a>	4	0,250 mm undersize
<a href="#">1BL183003050B</a>	4	0,500 mm undersize
<a href="#">1BL183003075B</a>	4	0,750 mm undersize
<a href="#">1BL183003100B</a>	4	1,000 mm undersize
<a href="#">PB183003</a>	4	

REF	Qty./eng.	Remarks
<a href="#">NL183003</a>	1	
<a href="#">BP183003</a>	1	With cylinder head gasket
<a href="#">CP183003</a>	1	
<a href="#">JC183003</a>	1	
<a href="#">KA183003</a>	16	
<a href="#">SV183003</a>	1	
<a href="#">SA183003</a>	1	
<a href="#">KD183003A</a>	1	Upper
<a href="#">KD183003B</a>	1	Lower
<a href="#">CB183003</a>	18	M12 x 129,5 mm
<a href="#">BB183003</a>	8	
<a href="#">OP183003</a>	1	
<a href="#">WP183003</a>	1	Total height: 139,0 mm Total length: 165,0 mm
<a href="#">NA183003</a>	1	
<a href="#">NT183003</a>	1	
<a href="#">KT183003</a>	1	
<a href="#">SK183003</a>	1	
<a href="#">OF183003</a>	1	
<a href="#">GB183003</a>	1	Air heater starting aid
<a href="#">IT183003</a>	4	Complete injector



Used for: **CUMMINS QSM11**

Specifications: **Diesel · 6 cylinders · Bore: 125,00 mm · In: HYSTER, YALE, KALMAR, LINDE, TAYLOR, HOIST, MAFI, TEREX, CVS-FERRARI, TOYOTA CONTAINER HANDLER, HYUNDAI EXCAVATOR, CASE, SMV**

Used for: **CUMMINS**

REF	Qty./eng.	Remarks
<a href="#">PP183001</a>	6	
<a href="#">PC183001</a>	12	
<a href="#">1SE183001STD</a>	6	STD
<a href="#">PISE183001STD</a>	6	STD
<a href="#">CH183001</a>	6	Finished
<a href="#">IK183001</a>	12	With collets
<a href="#">UK183001</a>	12	With collets
<a href="#">KG183001</a>	24	
<a href="#">HL183001STD</a>	1	STD thrust washers included
<a href="#">HL183001025</a>	1	0,250 mm undersize thrust washers included
<a href="#">HL183001050</a>	1	0,500 mm undersize thrust washers included
<a href="#">HL183001075</a>	1	0,750 mm undersize thrust washers included
<a href="#">HL183001100</a>	1	1,000 mm undersize thrust washers included
<a href="#">1BL183001STD</a>	12	STD
<a href="#">1BL183001025</a>	12	0,250 mm undersize
<a href="#">1BL183001050</a>	12	0,500 mm undersize
<a href="#">1BL183001075</a>	12	0,750 mm undersize
<a href="#">1BL183001100</a>	12	1,000 mm undersize
<a href="#">PB183001</a>	6	
<a href="#">NL183001</a>	7	
<a href="#">BP183001</a>	1	With JC
<a href="#">CP183001</a>	1	
<a href="#">JC183001</a>	1	
<a href="#">KA183001</a>	24	
<a href="#">SV183001</a>	1	
<a href="#">SA183001</a>	1	Dry clutch
<a href="#">KD183001A</a>	1	Upper, included in BP
<a href="#">KD183001B</a>	1	Lower, included in BP

REF	Qty./eng.	Remarks
<a href="#">CB183001SET</a>	1	Complete set cylinder head bolts
<a href="#">CB183001A</a>	29	Length: 140,0 mm
<a href="#">CB183001B</a>	3	Length: 71,0 mm
<a href="#">CB183001C</a>	5	
<a href="#">VP183001</a>	1	
<a href="#">BB183001</a>	12	
<a href="#">OP183001</a>	1	
<a href="#">WP183001</a>	1	Total height: 187,0 mm Total length: 236,0 mm With gasket 
<a href="#">NA183001</a>	1	
<a href="#">NT183001</a>	1	
<a href="#">KT183001</a>	1	
<a href="#">TT183001A</a>	1	Camshaft idler gear
<a href="#">TT183001B</a>	1	Water pump idler gear
<a href="#">OF183001</a>	1	
<a href="#">IT183001</a>	6	Complete fuel injector 246 kW



USED FOR  
**DEUTZ**










Used for: **DEUTZ BF4M1012E**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm**

In: **STILL, KALMAR, FENDT, DEUTZ FAHR**

REF	Qty./eng.	Remarks
<a href="#">PP380016</a>	4	
<a href="#">PC380016</a>	4	
<a href="#">1SE380016STD</a>	4	STD
<a href="#">1SE380016050</a>	4	0,500 mm oversize
<a href="#">PISE380016STD</a>	4	STD
<a href="#">PISE380016050</a>	4	0,500 mm oversize
<a href="#">IK380016</a>	4	
<a href="#">UK380016</a>	4	
<a href="#">KS380016</a>	8	
<a href="#">KG380016</a>	8	
<a href="#">2HL380016STD</a>	5	STD
<a href="#">2HL380016025</a>	5	0,250 mm undersize
<a href="#">AL380016STD</a>	1	STD
<a href="#">AL380016020</a>	1	0,200 mm oversize
<a href="#">BL380016STD</a>	4	STD
<a href="#">BL380016025</a>	4	0,250 mm undersize
<a href="#">PB380016</a>	4	
<a href="#">1NL380016A</a>	4	
<a href="#">1NL380016B</a>	1	
<a href="#">KP380016</a>	1	Without cylinder head gasket and sump gasket
<a href="#">JC380016A</a>	1	1 notch, thickness: 1,54 mm 
<a href="#">JC380016B</a>	1	2 notches, thickness: 1,64 mm 
<a href="#">JC380016C</a>	1	3 notches, thickness: 1,74 mm 
<a href="#">KA380016</a>	8	

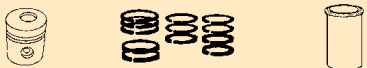
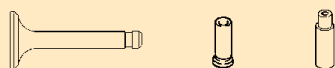
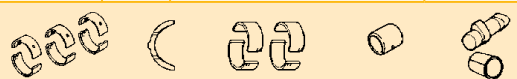
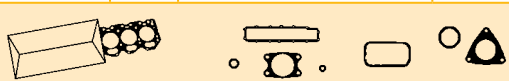



REF	Qty./eng.	Remarks
<a href="#">SV380016</a>	1	
<a href="#">SA380016</a>	1	
<a href="#">KD380016</a>	1	
<a href="#">CB380016A</a>	5	
<a href="#">CB380016B</a>	13	
<a href="#">BB380016</a>	8	
<a href="#">OP380016</a>	1	With front crankshaft seal 
<a href="#">WP380016</a>	1	Total height: 117,0 mm Total length: 204,0 mm With gasket 
<a href="#">NA380016</a>	1	
<a href="#">OF380016</a>	1	
<a href="#">GB380016</a>	4	
<a href="#">IT380016</a>	4	






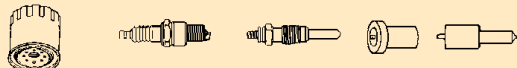


Used for: **DEUTZ BF4M1012EC**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm**

In: **STILL, FENDT, DEUTZ FAHR**

REF	Qty./eng.	Remarks
		
<a href="#">PP380017</a>	4	
<a href="#">PC380017</a>	4	
<a href="#">1SE380017STD</a>	4	STD
<a href="#">1SE380017050</a>	4	0,500 mm oversize
<a href="#">PISE380017STD</a>	4	STD
<a href="#">PISE380017050</a>	4	0,500 mm oversize
		
<a href="#">IK380017</a>	4	
<a href="#">UK380017</a>	4	
<a href="#">KS380017</a>	8	
<a href="#">KG380017</a>	8	
		
<a href="#">2HL380017STD</a>	5	STD
<a href="#">2HL380017025</a>	5	0,250 mm undersize
<a href="#">AL380017STD</a>	1	STD
<a href="#">AL380017020</a>	1	0,200 mm oversize
<a href="#">BL380017STD</a>	4	STD
<a href="#">BL380017025</a>	4	0,250 mm undersize
<a href="#">PB380017</a>	4	
<a href="#">1NL380017A</a>	4	
<a href="#">1NL380017B</a>	1	
		
<a href="#">KP380017</a>	1	Without cylinder head gasket and sump gasket
<a href="#">JC380017A</a>	1	1 notch, thickness: 1,54 mm 
<a href="#">JC380017B</a>	1	2 notches, thickness: 1,64 mm 
<a href="#">JC380017C</a>	1	3 notches, thickness: 1,74 mm 
<a href="#">KA380017</a>	8	

REF	Qty./eng.	Remarks
<a href="#">SV380017</a>	1	
<a href="#">SA380017</a>	1	
<a href="#">KD380017</a>	1	
		
<a href="#">CB380017A</a>	5	
<a href="#">CB380017B</a>	13	
<a href="#">BB380017</a>	8	
		
<a href="#">OP380017</a>	1	With front crankshaft seal 
<a href="#">WP380017</a>	1	Total height: 117,0 mm Total length: 204,0 mm With gasket 
		
<a href="#">NA380017</a>	1	
		
<a href="#">OF380017</a>	1	
<a href="#">GB380017</a>	4	
<a href="#">IT380017</a>	4	





Used for: **DEUTZ BF4M2012**

Specifications: **Diesel · 4 cylinders · Bore: 101,00 mm**

In: **JLG, DANTRUCK, MERLO**

REF	Qty./eng.	Remarks
<a href="#">PP380018</a>	4	
<a href="#">PC380018</a>	8	
<a href="#">1SE380018STD</a>	4	STD
<a href="#">1SE380018050</a>	4	0,500 mm oversize
<a href="#">PISE380018STD</a>	4	STD
<a href="#">PISE380018050</a>	4	0,500 mm oversize
<a href="#">IK380018</a>	4	
<a href="#">UK380018</a>	4	
<a href="#">KS380018</a>	8	
<a href="#">2HL380018STD</a>	5	STD
<a href="#">2HL380018025</a>	5	0.250 mm undersize
<a href="#">2AL380018STDA</a>	2	Thickness: 2,00 mm x 14,00 mm
<a href="#">2AL380018020A</a>	2	Thickness: 2,20 mm x 14,00 mm
<a href="#">2AL380018STDB</a>	2	Thickness: 2,00 mm x 10,00 mm
<a href="#">2AL380018020B</a>	2	Thickness: 2,20 mm x 10,00 mm
<a href="#">BL380018STD</a>	4	STD
<a href="#">BL380018025</a>	4	0,250 mm undersize
<a href="#">PB380018</a>	4	
<a href="#">1NL380018A</a>	4	Length: 17,5 mm
<a href="#">1NL380018B</a>	1	Length: 23,7 mm
<a href="#">KP380018</a>	1	Without cylinder head gasket, valve cover gasket and oil pan gasket
<a href="#">JC380018A</a>	1	1 notch, thickness: 1,20 mm 
<a href="#">JC380018B</a>	1	2 notches, thickness: 1,30 mm 

REF	Qty./eng.	Remarks
<a href="#">JC380018C</a>	1	3 notches, thickness: 1,30 mm 
<a href="#">KA380018</a>	8	
<a href="#">SV380018</a>	1	
<a href="#">SA380018</a>	1	
<a href="#">KD380018A</a>	1	
<a href="#">KD380018B</a>	1	
<a href="#">CB380018A</a>	5	Length: 178,0 mm
<a href="#">CB380018B</a>	13	Length: 108,0 mm
<a href="#">BB380018</a>	8	
<a href="#">OP380018</a>	1	
<a href="#">WP380018</a>	1	Total height: 144,3 mm Total length: 172,0 mm With gasket 
<a href="#">NA380018</a>	1	
<a href="#">OF380018</a>	1	
<a href="#">IT380018</a>	4	



Used for: **DEUTZ BF6M1012E**

Specifications: **Diesel · 6 cylinders · Bore: 94,00 mm**

In: **LINDE 353-01/353-02**

REF	Qty./eng.	Remarks
<a href="#">PP380006</a>	6	
<a href="#">PC380006</a>	12	
<a href="#">1SE380006STD</a>	6	STD
<a href="#">1SE380006050</a>	6	0,500 mm oversize
<a href="#">PISE380006STD</a>	6	STD
<a href="#">PISE380006050</a>	6	0,500 mm oversize
<a href="#">CH380006</a>	6	Finished
<a href="#">IK380006</a>	6	
<a href="#">UK380006</a>	6	
<a href="#">KS380006</a>	12	
<a href="#">2HL380006STD</a>	7	STD
<a href="#">2HL380006025</a>	7	0,250 mm undersize
<a href="#">2HL380006050</a>	7	0,500 mm undersize
<a href="#">AL380006STD</a>	1	STD thickness: 2,40 mm
<a href="#">AL380006020</a>	1	0,200 mm undersize, thickness: 2,60 mm
<a href="#">BL380006STD</a>	6	STD
<a href="#">BL380006025</a>	6	0,250 mm undersize
<a href="#">BL380006050</a>	6	0,500 mm undersize
<a href="#">PB380006</a>	6	
<a href="#">NL380006</a>	1	Complete engine set
<a href="#">1NL380006A</a>	6	Length: 17,5 mm
<a href="#">1NL380006B</a>	1	Length: 23,7 mm
<a href="#">KP380006</a>	1	Without JC and KD
<a href="#">JC380006A</a>	1	1 notch, thickness: 1,40 mm
<a href="#">JC380006B</a>	1	2 notches, thickness: 1,50 mm

REF	Qty./eng.	Remarks
<a href="#">JC380006C</a>	1	3 notches, thickness: 1,60 mm
<a href="#">KA380006</a>	12	
<a href="#">SV380006</a>	1	
<a href="#">SA380006</a>	1	
<a href="#">KD380006A</a>	1	Up to manufacturing date 30/09/2003
<a href="#">KD380006B</a>	1	From manufacturing date 01/10/2003
<a href="#">CB380006A</a>	7	Total length: 190,5 mm
<a href="#">CB380006B</a>	19	Total length: 121,0 mm
<a href="#">BB380006</a>	12	
<a href="#">OP380006</a>	1	
<a href="#">WP380006</a>	1	Total height: 159,0 mm Total length: 282,0 mm
<a href="#">NA380006</a>	1	
<a href="#">OF380006</a>	1	
<a href="#">GB380006</a>	6	
<a href="#">IT380006</a>	6	



Used for: **DEUTZ BF6M1013E**

Specifications: **Diesel · 6 cylinders · Bore: 108,00 mm**

In: **AGRI**

REF	Qty./eng.	Remarks
<a href="#">PP380008</a>	6	
<a href="#">PC380008</a>	12	
<a href="#">1SE380008STD</a>	6	STD
<a href="#">PISE380008STD</a>	6	STD
<a href="#">CH380008</a>	6	Finished liner
<a href="#">IK380008</a>	6	
<a href="#">UK380008</a>	6	
<a href="#">KS380008</a>	12	
<a href="#">KG380008</a>	12	
<a href="#">2HL380008STD</a>	7	STD
<a href="#">2HL380008025</a>	1	0,250 mm undersize
<a href="#">2HL380008050</a>	1	0,500 mm undersize
<a href="#">1AL380008STD</a>	2	STD, thickness 2,90 mm
<a href="#">1AL380008020</a>	2	0,200 mm undersize Thickness 3,10 mm
<a href="#">BL380008STD</a>	6	STD
<a href="#">BL380008025</a>	6	0,250 mm undersize
<a href="#">BL380008050</a>	6	0,500 mm undersize
<a href="#">PB380008</a>	6	
<a href="#">NL380008</a>	1	Complete engine set
<a href="#">1NL380008A</a>	6	65,1 x 69,0 x 21,7 mm
<a href="#">1NL380008B</a>	1	65,0 x 69,0 x 27,0 mm
<a href="#">KP380008</a>	1	Without JC and KD
<a href="#">JC380008A</a>	1	1 notch, thickness: 1,40 mm
<a href="#">JC380008B</a>	1	2 notches, thickness: 1,50 mm
<a href="#">JC380008C</a>	1	3 notches, thickness: 1,60 mm

REF	Qty./eng.	Remarks
<a href="#">KA380008</a>	12	
<a href="#">SV380008</a>	1	
<a href="#">SA380008</a>	1	
<a href="#">KD380008A</a>	1	Up to manufacturing date 31/03/2004
<a href="#">KD380008B</a>	1	From manufacturing date 01/04/2004
<a href="#">CB380008</a>	26	
<a href="#">BB380008</a>	12	
<a href="#">OP380008</a>	1	
<a href="#">WP380008</a>	1	Total height: 117,0 mm Total length: 204,0 mm
<a href="#">NA380008</a>	1	
<a href="#">OF380008</a>	1	
<a href="#">GB380008</a>	6	
<a href="#">IT380008</a>	6	



Used for: **DEUTZ BF6M2012**

Specifications: **Diesel · 6 cylinders · Bore: 101,00 mm**

In: **LINDE 353-03**

REF	Qty./eng.	Remarks
<a href="#">PP380007</a>	6	
<a href="#">PC380007</a>	12	
<a href="#">1SE380007STD</a>	6	STD
<a href="#">1SE380007050</a>	6	0,500 mm oversize
<a href="#">PISE380007STD</a>	6	STD
<a href="#">PISE380007050</a>	6	0,500 mm oversize
<a href="#">IK380007</a>	6	
<a href="#">UK380007</a>	6	
<a href="#">KS380007</a>	12	
<a href="#">2HL380007STD</a>	7	STD
<a href="#">2HL380007025</a>	7	0,250 mm undersize
<a href="#">1AL380007STDA</a>	2	Thickness: 2,0 mm X: 14,0 mm
<a href="#">1AL380007020A</a>	2	Thickness: 2,2 mm X: 14,0 mm
<a href="#">1AL380007STDB</a>	2	Thickness: 2,0 mm X: 10,0 mm
<a href="#">1AL380007020B</a>	2	Thickness: 2,2 mm X: 10,0 mm
<a href="#">BL380007STD</a>	6	STD
<a href="#">BL380007025</a>	6	0,250 mm undersize
<a href="#">PB380007</a>	1	
<a href="#">NL380007</a>	1	Complete engine set
<a href="#">1NL380007A</a>	6	Length: 17,5 mm
<a href="#">1NL380007B</a>	1	Length: 23,7 mm
<a href="#">KP380007</a>	1	Without JC, KD and oil pan gasket
<a href="#">JC380007A</a>	1	1 notch, thickness: 1,20 mm
<a href="#">JC380007B</a>	1	2 notches, thickness: 1,30 mm

REF	Qty./eng.	Remarks
<a href="#">JC380007C</a>	1	3 notches, thickness: 1,40 mm
<a href="#">KA380007</a>	12	
<a href="#">SV380007</a>	1	
<a href="#">SA380007</a>	1	
<a href="#">KD380007A</a>	1	Up to manufacturing date 30/09/2003
<a href="#">KD380007B</a>	1	From manufacturing date 01/10/2003
<a href="#">CB380007A</a>	7	Total length: 190,5 mm
<a href="#">CB380007B</a>	19	Total length: 121,0 mm
<a href="#">BB380007</a>	12	
<a href="#">OP380007</a>	1	
<a href="#">WP380007</a>	1	Total height: 110,0 mm Total length: 133,0 mm
		With gasket
<a href="#">NA380007</a>	1	
<a href="#">OF380007</a>	1	
<a href="#">GB380007</a>	1	Intake heater
<a href="#">IT380007</a>	6	

Used for: DEUTZ



Used for: **DEUTZ F2L2011**

Specifications: **Diesel · 2 cylinders · Bore: 94,00 mm**

In: **JLG, HAULOTTE, BENFORD, TEREX**

REF	Qty./eng.	Remarks
<a href="#">PP380012</a>	2	Included in piston and ring set
<a href="#">PC380012</a>	4	Included in piston and ring set
<a href="#">1SE380012STD</a>	2	STD
<a href="#">1SE380012050</a>	2	0,500 mm oversize
<a href="#">PISE380012STDA</a>	2	STD, compression class: A
<a href="#">PISE380012050A</a>	2	0,500 mm oversize, compression class: A
<a href="#">PISE380012STDB</a>	2	STD, compression class: B
<a href="#">PISE380012050B</a>	2	0,500 mm oversize, compression class: B
<a href="#">IK380012</a>	2	
<a href="#">UK380012</a>	2	
<a href="#">KS380012</a>	4	
<a href="#">KG380012</a>	4	
<a href="#">2HL380012STD</a>	3	STD
<a href="#">2HL380012025</a>	3	0,250 mm undersize
<a href="#">2HL380012050</a>	3	0,500 mm undersize
<a href="#">2AL380012STD</a>	1	STD
<a href="#">2AL380012020</a>	1	0,200 mm undersize
<a href="#">BL380012STD</a>	2	STD
<a href="#">BL380012025</a>	2	0,250 mm undersize
<a href="#">BL380012050</a>	2	0,500 mm undersize
<a href="#">PB380012STD</a>	2	STD
<a href="#">PB380012025</a>	2	0,250 mm undersize
<a href="#">1NL380012A</a>	2	58,0 x 54,0 x 23,3 mm
<a href="#">1NL380012B</a>	1	58,0 x 54,0 x 16,7 mm
<a href="#">KP380012</a>	1	Without cylinder head gasket
<a href="#">BP380012</a>	1	Without cylinder head gasket
<a href="#">JC380012A</a>	1	Thickness: 1,48 mm, notches: 1

REF	Qty./eng.	Remarks
<a href="#">JC380012B</a>	1	Thickness: 1,55 mm, notches: 2
<a href="#">JC380012C</a>	1	Thickness: 1,60 mm, notches: 3
<a href="#">KA380012</a>	4	
<a href="#">SV380012</a>	1	
<a href="#">SA380012</a>	1	
<a href="#">KD380012</a>	1	
<a href="#">CB380012</a>	6	M14 x 150,0 mm
<a href="#">OP380012</a>	1	
<a href="#">NA380012</a>	1	
<a href="#">NT380012</a>	1	
<a href="#">KT380012</a>	1	
<a href="#">SK380012</a>	1	
<a href="#">DR380012</a>	1	
<a href="#">OF380012</a>	1	
<a href="#">IT380012</a>	1	



Used for: **DEUTZ F3L912**

Specifications: **Diesel · 3 cylinders · Bore: 100,00 mm**

In: **LINDE**

REF	Qty./eng.	Remarks	
<a href="#">PISE380301STD</a>	3	STD	
<a href="#">PISE380301050</a>	3	0,500 mm oversize	
<a href="#">PISE380301100</a>	3	1,000 mm oversize	
<a href="#">CH380301</a>	3	Finished	
<a href="#">IK380301</a>	3		
<a href="#">UK380301</a>	3		
<a href="#">KS380301</a>	6		
<a href="#">KG380301</a>	6		
<a href="#">2HL380301STD</a>	4	STD, shaft dia: 70,00 mm	
<a href="#">2HL380301025</a>	4	0,250 mm undersize	
<a href="#">2HL380301050</a>	4	0,500 mm undersize	
<a href="#">2HL380301075</a>	4	0,750 mm undersize	
<a href="#">2HL380301100</a>	4	1,000 mm undersize	
<a href="#">2AL380301STDA</a>	1	STD, width: 11,4 mm	
<a href="#">2AL380301025A</a>	1	0,250 mm undersize Width: 11,4 mm	
<a href="#">2AL380301STDB</a>	1	STD, width: 7,8 mm	
<a href="#">2AL380301025B</a>	1	0,250 mm undersize Width: 7,8 mm	
<a href="#">BL380301STD</a>	3	STD, shaft dia: 59,97 mm	
<a href="#">BL380301025</a>	3	0,250 mm undersize	
<a href="#">BL380301050</a>	3	0,500 mm undersize	
<a href="#">BL380301075</a>	3	0,750 mm undersize	
<a href="#">BL380301100</a>	3	1,000 mm undersize	
<a href="#">PB380301</a>	3		
<a href="#">1NL380301</a>	1		
<a href="#">KP380301</a>	1		
<a href="#">BP380301</a>	3	For 1 cylinder	
<a href="#">KD380301</a>	3	For 1 valve cover	
<a href="#">BB380301</a>	6		

REF	Qty./eng.	Remarks	
<a href="#">OP380301</a>	1		
<a href="#">NT380301</a>	1		
<a href="#">KT380301</a>	1		
<a href="#">OF380301</a>	1		
<a href="#">IT380301</a>	3		

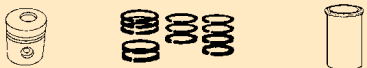
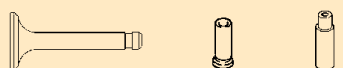
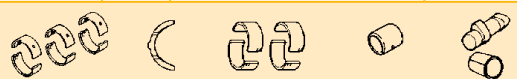
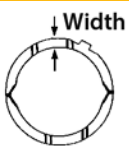
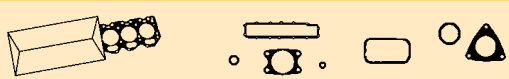









Used for: **DEUTZ F3L912W**

Specifications: **Diesel · 3 cylinders · Bore: 100,00 mm**

In: **LINDE**

REF	Qty./eng.	Remarks	
			
<a href="#">PISE380304STD</a>	3	STD	
<a href="#">PISE380304050</a>	3	0,500 mm oversize	
<a href="#">CH380304</a>	3	Finished	
			
<a href="#">IK380304</a>	3		
<a href="#">UK380304</a>	3		
<a href="#">KS380304</a>	6		
<a href="#">KG380304</a>	6		
			
<a href="#">2HL380304STD</a>	4	STD, shaft dia: 70,0 mm	
<a href="#">2HL380304025</a>	4	0,250 mm undersize	
<a href="#">2HL380304050</a>	4	0,500 mm undersize	
<a href="#">2HL380304075</a>	4	0,750 mm undersize	
<a href="#">2HL380304100</a>	4	1,000 mm undersize	
<a href="#">2AL380304STDA</a>	1	STD, width: 11,4 mm	
<a href="#">2AL380304025A</a>	1	0,250 mm undersize Width: 11,4 mm	
<a href="#">2AL380304STDB</a>	1	STD, width: 7,8 mm	
<a href="#">2AL380304025B</a>	1	0,250 mm undersize Width: 7,8 mm	
<a href="#">BL380304STD</a>	3	STD, shaft dia: 59,97 mm	
<a href="#">BL380304025</a>	3	0,250 mm undersize	
<a href="#">BL380304050</a>	3	0,500 mm undersize	
<a href="#">BL380304075</a>	3	0,750 mm undersize	
<a href="#">BL380304100</a>	3	1,000 mm undersize	
<a href="#">PB380304</a>	3		
<a href="#">1NL380304</a>	1		
			
<a href="#">KP380304</a>	1		
<a href="#">BP380304</a>	3	For 1 cylinder	
<a href="#">KD380304</a>	3	For 1 valve cover	
			
<a href="#">BB380304</a>	6		

REF	Qty./eng.	Remarks	
			
<a href="#">OP380304</a>	1		
			
<a href="#">NT380304</a>	1		
<a href="#">KT380304</a>	1		
			
<a href="#">OF380304</a>	1		
<a href="#">GB380304</a>	3		
<a href="#">IT380304</a>	3		



Used for: **DEUTZ F3L913G**

Specifications: **Diesel · 3 cylinders · Bore: 102,00 mm**

In: **LINDE**

Used for: DEUTZ

REF	Qty./eng.	Remarks	
<a href="#">PISE380001STDA</a>	3	STD Height: 104,0 mm d: 42,0 mm	
<a href="#">PISE380001050A</a>	3	0,500 mm oversize h: 104,0 mm d: 42,0 mm	
<a href="#">PISE380001STDB</a>	3	STD Height: 123,0 mm d: 42,0 mm	
<a href="#">PISE380001STDC</a>	3	STD Height: 123,0 mm d: 56,0 mm	
<a href="#">PISE380001050C</a>	3	0,500 mm oversize h: 123,0 mm d: 56,0 mm	
<a href="#">CH380001STDA</a>	3	Height: 210,0 mm finished	
<a href="#">CH380001STDB</a>	3	Height: 222,0 mm finished	
<a href="#">IK380001</a>	3		
<a href="#">UK380001</a>	3		
<a href="#">KS380001</a>	6		
<a href="#">KG380001</a>	6		
<a href="#">2HL380001STD</a>	4	STD	
<a href="#">2HL380001025</a>	4	0,250 mm undersize	
<a href="#">2HL380001050</a>	4	0,500 mm undersize	
<a href="#">2HL380001075</a>	4	0,750 mm undersize	
<a href="#">2HL380001100</a>	4	1,000 mm undersize	
<a href="#">2AL380001STDA</a>	1	STD, width 11,4 mm	
<a href="#">2AL380001025A</a>	1	0,250 mm undersize Width 11,4 mm	
<a href="#">2AL380001STDB</a>	1	STD, width 7,8 mm	
<a href="#">2AL380001025B</a>	1	0,250 mm undersize Width 7,8 mm	
<a href="#">BL380001STD</a>	3	STD	
<a href="#">BL380001025</a>	3	0,250 mm undersize	
<a href="#">BL380001050</a>	3	0,500 mm undersize	
<a href="#">BL380001075</a>	3	0,750 mm undersize	
<a href="#">BL380001100</a>	3	1,000 mm undersize	
<a href="#">PB380001</a>	3		
<a href="#">1NL380001</a>	3		
<a href="#">KP380001</a>	1		
<a href="#">BP380001</a>	3	For 1 cylinder	
<a href="#">CP380001</a>	1		

REF	Qty./eng.	Remarks	
<a href="#">1JC380001</a>	3	For 1 cylinder	
<a href="#">DP380001</a>	1		
<a href="#">SV380001</a>	1		
<a href="#">SA380001</a>	1		
<a href="#">KD380001</a>	3	For 1 valve cover	
<a href="#">CB380001A</a>	12	Length: 195,0 mm	
<a href="#">CB380001B</a>	12	Length: 210,0 mm	
<a href="#">BB380001A</a>	6	Length: 63,6 mm	
<a href="#">BB380001B</a>	6	Length: 75,0 mm	
<a href="#">OP380001</a>	1		
<a href="#">NA380001</a>	1		
<a href="#">NT380001</a>	1		
<a href="#">KT380001</a>	1		
<a href="#">OF380001</a>	1		
<a href="#">IT380001A</a>	3	DLLA146S1007	
<a href="#">IT380001B</a>	3	DLLA150P291	



Used for: **DEUTZ F3L1011**

Specifications: **Diesel · 3 cylinders · Bore: 91,00 mm**

In: **JLG, GENIE, SNORKEL, HAULOTTE, TEREX**

REF	Qty./eng.	Remarks
<a href="#">PP380013</a>	3	Included in piston and ring set
<a href="#">PC380013</a>	6	Included in piston and ring set
<a href="#">1SE380013</a>	3	
<a href="#">PISE380013STDA</a>	3	STD, compression class: A
<a href="#">PISE380013STDB</a>	3	STD, compression class: B
<a href="#">PISE380013STDC</a>	3	STD, compression class: C
<a href="#">CH380013</a>	3	Slip-fit
<a href="#">IK380013</a>	3	
<a href="#">UK380013</a>	3	
<a href="#">KS380013</a>	6	
<a href="#">KG380013</a>	6	
<a href="#">2HL380013STD</a>	4	STD
<a href="#">2HL380013025</a>	4	0,250 mm undersize
<a href="#">2HL380013050</a>	4	0,500 mm undersize
<a href="#">2AL380013STD</a>	1	STD
<a href="#">2AL380013020</a>	1	0,200 mm undersize
<a href="#">BL380013STD</a>	3	STD
<a href="#">BL380013025</a>	3	0,250 mm undersize
<a href="#">BL380013050</a>	3	0,500 mm undersize
<a href="#">PB380013STD</a>	3	STD
<a href="#">PB380013025</a>	3	0,250 mm undersize
<a href="#">1NL380013A</a>	2	51,0 x 55,0 x 23,3 mm
<a href="#">1NL380013B</a>	2	50,0 x 55,0 x 16,7 mm
<a href="#">JC380013A</a>	1	Thickness: 1,48 mm, notches: 1
<a href="#">JC380013B</a>	1	Thickness: 1,55 mm, notches: 2

REF	Qty./eng.	Remarks
<a href="#">JC380013C</a>	1	Thickness: 1,60 mm, notches: 3
<a href="#">KA380013</a>	6	
<a href="#">SV380013</a>	1	
<a href="#">SA380013</a>	1	
<a href="#">KD380013</a>	1	
<a href="#">CB380013</a>	8	M14 x 185,5 mm
<a href="#">BB380013</a>	6	
<a href="#">BM380013</a>	6	
<a href="#">OP380013</a>	1	
<a href="#">NA380013</a>	1	
<a href="#">NT380013</a>	1	
<a href="#">KT380013</a>	1	
<a href="#">SK380013</a>	1	
<a href="#">DR380013</a>	1	
<a href="#">OF380013</a>	1	
<a href="#">IT380013</a>	3	



Used for: **DEUTZ F3L1011F**

Specifications: **Diesel · 3 cylinders · Bore: 91,00 mm**

In: **JLG, GENIE, SNORKEL, HAULOTTE, SKYJACK**

REF	Qty./eng.	Remarks
<a href="#">PP380014</a>	3	Included in piston and ring set
<a href="#">PC380014</a>	6	Included in piston and ring set
<a href="#">1SE380014</a>	3	
<a href="#">PISE380014STDAA</a>	3	STD, compression class: A
<a href="#">PISE380014STDAB</a>	3	STD, compression class: B
<a href="#">PISE380014STDAC</a>	3	STD, compression class: C
<a href="#">PISE380014STDBA</a>	3	STD, compression class: A
<a href="#">PISE380014STDBB</a>	3	STD, compression class: B
<a href="#">PISE380014STDBC</a>	3	STD, compression class: C
<a href="#">CH380014</a>	3	
<a href="#">IK380014</a>	3	
<a href="#">UK380014</a>	3	
<a href="#">KS380014</a>	6	
<a href="#">KG380014</a>	6	
<a href="#">2HL380014STD</a>	4	STD
<a href="#">2HL380014025</a>	4	0,250 mm undersize
<a href="#">2HL380014050</a>	4	0,500 mm undersize
<a href="#">2AL380014STD</a>	1	STD
<a href="#">2AL380014020</a>	1	0,200 mm undersize
<a href="#">BL380014STD</a>	3	STD
<a href="#">BL380014025</a>	3	0,250 mm undersize
<a href="#">BL380014050</a>	3	0,500 mm undersize
<a href="#">PB380014STD</a>	3	STD
<a href="#">PB380014025</a>	3	0,250 mm undersize
<a href="#">1NL380014A</a>	2	58,0 x 54,0 x 23,3 mm
<a href="#">1NL380014B</a>	2	58,0 x 54,0 x 16,7 mm
<a href="#">BP380014</a>	1	Without cylinder head gasket
<a href="#">CP380014</a>	1	Without oil pan gasket
<a href="#">JC380014A</a>	1	Thickness: 1,48 mm, notches: 1

REF	Qty./eng.	Remarks
<a href="#">JC380014B</a>	1	Thickness: 1,55 mm, notches: 2
<a href="#">JC380014C</a>	1	Thickness: 1,60 mm, notches: 3
<a href="#">KA380014</a>	6	
<a href="#">SV380014</a>	1	
<a href="#">SA380014</a>	1	
<a href="#">KD380014</a>	1	
<a href="#">CB380014</a>	8	M14 x 150,0 mm
<a href="#">BB380014</a>	6	
<a href="#">BM380014</a>	6	
<a href="#">OP380014</a>	1	
<a href="#">NA380014</a>	1	
<a href="#">NT380014</a>	1	
<a href="#">KT380014</a>	1	
<a href="#">SK380014</a>	1	
<a href="#">DR380014</a>	1	
<a href="#">OF380014</a>	1	
<a href="#">IT380014</a>	3	

Used for: DEUTZ



Used for: **DEUTZ F3L2011**

Specifications: **Diesel · 3 cylinders · Bore: 94,00 mm**

In: **JLG, GENIE, SNORKEL, HAULOTTE, UPRIGHT, FORD**

REF	Qty./eng.	Remarks
<a href="#">PP380015</a>	3	Included in piston and ring set
<a href="#">PC380015</a>	6	Included in piston and ring set
<a href="#">1SE380015STD</a>	3	STD
<a href="#">1SE380015050</a>	3	0,500 mm oversize
<a href="#">PISE380015STDA</a>	3	STD, compression class: A
<a href="#">PISE380015050A</a>	3	0,500 mm oversize, compression class: A
<a href="#">PISE380015STDB</a>	3	STD, compression class: B
<a href="#">PISE380015050B</a>	3	0,500 mm oversize, compression class: B
<a href="#">IK380015</a>	3	
<a href="#">UK380015</a>	3	
<a href="#">KS380015</a>	6	
<a href="#">KG380015</a>	6	
<a href="#">2HL380015STD</a>	4	STD
<a href="#">2HL380015025</a>	4	0,250 mm undersize
<a href="#">2HL380015050</a>	4	0,500 mm undersize
<a href="#">2AL380015STD</a>	1	STD
<a href="#">2AL380015020</a>	1	0,200 mm undersize
<a href="#">BL380015STD</a>	3	STD
<a href="#">BL380015025</a>	3	0,250 mm undersize
<a href="#">BL380015050</a>	3	0,500 mm undersize
<a href="#">PB380015STD</a>	3	STD
<a href="#">PB380015025</a>	3	0,250 mm undersize
<a href="#">1NL380015A</a>	2	58,0 x 54,0 x 23,3 mm
<a href="#">1NL380015B</a>	2	58,0 x 54,0 x 16,7 mm
<a href="#">KP380015</a>	1	Without cylinder head gasket
<a href="#">BP380015</a>	1	Without cylinder head gasket
<a href="#">JC380015A</a>	1	Thickness: 1,48 mm, notches: 1

REF	Qty./eng.	Remarks
<a href="#">JC380015B</a>	1	Thickness: 1,55 mm, notches: 2
<a href="#">JC380015C</a>	1	Thickness: 1,60 mm, notches: 3
<a href="#">KA380015</a>	6	
<a href="#">SV380015</a>	1	
<a href="#">SA380015</a>	1	
<a href="#">KD380015</a>	1	
<a href="#">CB380015</a>	8	M14 x 150,0 mm
<a href="#">OP380015</a>	1	
<a href="#">NA380015</a>	1	
<a href="#">NT380015</a>	1	
<a href="#">KT380015</a>	1	
<a href="#">SK380015</a>	1	
<a href="#">DR380015</a>	1	
<a href="#">OF380015</a>	1	
<a href="#">IT380015</a>	1	



Used for: **DEUTZ F3M2011**

Specifications: **Diesel · 3 cylinders · Bore: 94,00 mm**

In: **JLG**

REF	Qty./eng.	Remarks
<a href="#">PP380004</a>	3	Included in PISE
<a href="#">PC380004</a>	6	Included in PISE
<a href="#">1SE380004STD</a>	3	STD
<a href="#">1SE38004050</a>	3	0,500 mm oversize
<a href="#">PISE380004STDA</a>	3	Compression class "A"
<a href="#">PISE380004050A</a>	3	0,500 mm, compression class "A"
<a href="#">PISE380004STDB</a>	3	Compression class "B"
<a href="#">PISE380004050B</a>	3	0,500 mm, compression class "B"
<a href="#">IK380004</a>	3	
<a href="#">UK380004</a>	3	
<a href="#">KG380004</a>	6	
<a href="#">2HL380004STD</a>	4	STD shaft dia: 70,0 mm
<a href="#">2HL380004025</a>	4	0,250 mm undersize
<a href="#">2HL380004050</a>	4	0,500 mm undersize
<a href="#">AL380004STD</a>	1	STD, thickness: 2,40 mm
<a href="#">AL380004020</a>	1	0,200 mm undersize Thickness: 2,60 mm
<a href="#">BL380004STD</a>	3	STD shaft dia: 55,0 mm
<a href="#">BL380004025</a>	3	0,250 mm undersize
<a href="#">BL380004050</a>	3	0,500 mm undersize
<a href="#">PB380004STD</a>	3	STD
<a href="#">PB380004025</a>	3	0,250 mm undersize
<a href="#">KP380004</a>	1	Without JC and oil pan gasket, with oil seals
<a href="#">BP380004</a>	1	Without JC
<a href="#">JC380004A</a>	1	1 notch, thickness: 1,48 mm 
<a href="#">JC380004B</a>	1	2 notches, thickness: 1,55 mm 

REF	Qty./eng.	Remarks
<a href="#">JC380004C</a>	1	3 notches, thickness: 1,60 mm 
<a href="#">KA380004</a>	6	
<a href="#">SV380004A</a>	1	
<a href="#">SV380004B</a>	1	Metering unit seal
<a href="#">SA380004</a>	1	
<a href="#">KD380004</a>	1	Included in KP
<a href="#">CB380004</a>	8	
<a href="#">BB380004A</a>	8	Up to manufacturing date 31/05/2009, M10 x 1,0 x 58,5 mm
<a href="#">BB380004B</a>	8	From manufacturing date 01/06/2009, M10 x 1,0 x 55,0 mm
<a href="#">OP380004</a>	1	
<a href="#">NA380004</a>	1	
<a href="#">NT380004</a>	1	
<a href="#">KT380004</a>	1	
<a href="#">DR380004</a>	1	
<a href="#">OF380004</a>	1	
<a href="#">GB380004</a>	3	
<a href="#">IT380004</a>	3	

Used for: DEUTZ

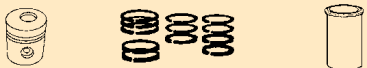

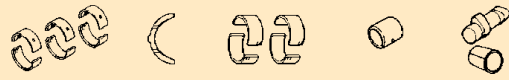
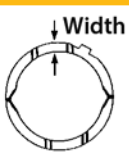
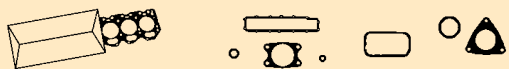






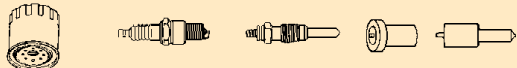


Used for: **DEUTZ F4L912**

Specifications: **Diesel · 4 cylinders · Bore: 100,00 mm**

In: **LINDE**

REF	Qty./eng.	Remarks	
			
<a href="#">PISE380302STD</a>	4	STD	
<a href="#">PISE380302050</a>	4	0,500 mm oversize	
<a href="#">PISE380302100</a>	4	1,000 mm oversize	
<a href="#">CH380302</a>	4	Finished	
			
<a href="#">IK380302</a>	4		
<a href="#">UK380302</a>	4		
<a href="#">KS380302</a>	8		
<a href="#">KG380302</a>	8		
			
<a href="#">2HL380302STD</a>	5	STD, shaft dia: 70,00 mm	
<a href="#">2HL380302025</a>	5	0,250 mm undersize	
<a href="#">2HL380302050</a>	5	0,500 mm undersize	
<a href="#">2HL380302075</a>	5	0,750 mm undersize	
<a href="#">2HL380302100</a>	5	1,000 mm undersize	
<a href="#">2AL380302STDA</a>	1	STD, width: 11,4 mm	
<a href="#">2AL380302025A</a>	1	0,250 mm undersize Width: 11,4 mm	
<a href="#">2AL380302STDB</a>	1	STD, width: 7,8 mm	
<a href="#">2AL380302025B</a>	1	0,250 mm undersize Width: 7,8 mm	
<a href="#">BL380302STD</a>	4	STD, shaft dia: 59,97 mm	
<a href="#">BL380302025</a>	4	0,250 mm undersize	
<a href="#">BL380302050</a>	4	0,500 mm undersize	
<a href="#">BL380302075</a>	4	0,750 mm undersize	
<a href="#">BL380302100</a>	4	1,000 mm undersize	
<a href="#">PB380302</a>	4		
<a href="#">1NL380302</a>	1		
			
<a href="#">KP380302</a>	1		
<a href="#">BP380302</a>	4	For 1 cylinder	
<a href="#">KD380302</a>	4	For 1 valve cover	
			
<a href="#">BB380302</a>	8		

REF	Qty./eng.	Remarks	
			
<a href="#">OP380302</a>	1		
			
<a href="#">NT380302</a>	1		
<a href="#">KT380302</a>	1		
			
<a href="#">OF380302</a>	1		
<a href="#">IT380302</a>	4		



Used for: **DEUTZ F4L912W**

Specifications: **Diesel · 4 cylinders · Bore: 100,00 mm**

In: **LINDE**

REF	Qty./eng.	Remarks	
<a href="#">PISE380305STD</a>	4	STD	
<a href="#">PISE380305050</a>	4	0,500 mm oversize	
<a href="#">CH380305</a>	4	Finished	
<a href="#">IK380305</a>	4		
<a href="#">UK380305</a>	4		
<a href="#">KS380305</a>	8		
<a href="#">KG380305</a>	8		
<a href="#">2HL380305STD</a>	5	STD, shaft dia: 70,0 mm	
<a href="#">2HL380305025</a>	5	0,250 mm undersize	
<a href="#">2HL380305050</a>	5	0,500 mm undersize	
<a href="#">2HL380305075</a>	5	0,750 mm undersize	
<a href="#">2HL380305100</a>	5	1,000 mm undersize	
<a href="#">2AL380305STDA</a>	1	STD, width: 11,4 mm	
<a href="#">2AL380305025A</a>	1	0,250 mm undersize Width: 11,4 mm	
<a href="#">2AL380305STDB</a>	1	STD, width: 7,8 mm	
<a href="#">2AL380305025B</a>	1	0,250 mm undersize Width: 7,8 mm	
<a href="#">BL380305STD</a>	4	STD, shaft dia: 59,97 mm	
<a href="#">BL380305025</a>	4	0,250 mm undersize	
<a href="#">BL380305050</a>	4	0,500 mm undersize	
<a href="#">BL380305075</a>	4	0,750 mm undersize	
<a href="#">BL380305100</a>	4	1,000 mm undersize	
<a href="#">PB380305</a>	4		
<a href="#">1NL380305</a>	1		
<a href="#">KP380305</a>	1		
<a href="#">BP380305</a>	4	For 1 cylinder	
<a href="#">KD380305</a>	4	For 1 valve cover	
<a href="#">BB380305</a>	8		

REF	Qty./eng.	Remarks	
<a href="#">OP380305</a>	1		
<a href="#">NT380305</a>	1		
<a href="#">KT380305</a>	1		
<a href="#">OF380305</a>	1		
<a href="#">GB380305</a>	4		
<a href="#">IT380305</a>	4		



Used for: **DEUTZ F4M2011**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm**

In: **JLG**

REF	Qty./eng.	Remarks
<a href="#">PP380005</a>	4	Included in PISE
<a href="#">PC380005</a>	8	Included in PISE
<a href="#">1SE380005STD</a>	4	STD
<a href="#">1SE380005050</a>	4	0,500 mm oversize
<a href="#">PISE380005STDA</a>	4	STD, compression class "A"
<a href="#">PISE380005050A</a>	4	0,500 mm oversize, compression class "A"
<a href="#">PISE380005STDB</a>	4	STD, compression class "B"
<a href="#">PISE380005050B</a>	4	0,500 mm oversize, compression class "B"
<a href="#">IK380005</a>	4	
<a href="#">UK380005</a>	4	
<a href="#">KS380005</a>	8	
<a href="#">KG380005</a>	8	
<a href="#">2HL380005STD</a>	5	STD shaft dia: 70,00 mm
<a href="#">2HL380005025</a>	5	0,250 mm undersize
<a href="#">2HL380005050</a>	5	0,500 mm undersize
<a href="#">AL380005STD</a>	1	STD, thickness: 2,40 mm
<a href="#">AL380005020</a>	1	0,200 mm undersize Thickness: 2,60 mm
<a href="#">BL380005STD</a>	4	STD shaft dia: 55,00 mm
<a href="#">BL380005025</a>	4	0,250 mm undersize
<a href="#">BL380005050</a>	4	0,500 mm undersize
<a href="#">PB380005STD</a>	4	STD
<a href="#">PB380005025</a>	4	0,250 mm undersize
<a href="#">1NL380005A</a>	2	58,00 mm x 54,00 mm x 23,30 mm
<a href="#">1NL380005B</a>	3	58,00 mm x 54,00 mm x 16,70 mm
<a href="#">KP380005</a>	1	Without JC and oil pan gasket, with oil seals
<a href="#">BP380005</a>	1	
<a href="#">JC380005A</a>	1	1 notch, thickness: 1,48 mm 

REF	Qty./eng.	Remarks
<a href="#">JC380005B</a>	1	2 notches, thickness: 1,55 mm 
<a href="#">JC380005C</a>	1	3 notches, thickness: 1,60 mm 
<a href="#">KA380005</a>	8	
<a href="#">SV380005A</a>	1	
<a href="#">SV380005B</a>	1	Metering unit seal
<a href="#">SA380005</a>	1	
<a href="#">KD380005</a>	1	Included in KP
<a href="#">CB380005</a>	10	M14 x 150,0 mm
<a href="#">BB380005A</a>	8	Up to manufacturing date 31/05/2009, M10 x 1,0 x 58,5 mm
<a href="#">BB380005B</a>	8	From manufacturing date 01/06/2009, M10 x 1,0 x 55,0 mm
<a href="#">OP380005</a>	1	
<a href="#">NA380005</a>	1	
<a href="#">NT380005</a>	1	
<a href="#">KT380005</a>	1	
<a href="#">SK380005</a>	1	
<a href="#">DR380005</a>	1	With tensioner
<a href="#">OF380005</a>	1	
<a href="#">IT380005</a>	4	



Used for: DEUTZ F6L912

Specifications: Diesel · 6 cylinders · Bore: 100,00 mm

In: LINDE

REF	Qty./eng.	Remarks	
<a href="#">PISE380303STD</a>	6	STD	
<a href="#">PISE380303050</a>	6	0,500 mm oversize	
<a href="#">PISE380303100</a>	6	1,000 mm oversize	
<a href="#">CH380303</a>	6	Finished	
<a href="#">IK380303</a>	6		
<a href="#">UK380303</a>	6		
<a href="#">KS380303</a>	12		
<a href="#">KG380303</a>	12		
<a href="#">2HL380303STD</a>	7	STD, shaft dia: 70,00 mm	
<a href="#">2HL380303025</a>	7	0,250 mm undersize	
<a href="#">2HL380303050</a>	7	0,500 mm undersize	
<a href="#">2HL380303075</a>	7	0,750 mm undersize	
<a href="#">2HL380303100</a>	7	1,000 mm undersize	
<a href="#">2AL380303STDA</a>	1	STD, width: 11,4 mm	
<a href="#">2AL380303025A</a>	1	0,250 mm undersize Width: 11,4 mm	
<a href="#">2AL380303STDB</a>	1	STD, width: 7,8 mm	
<a href="#">2AL380303025B</a>	1	0,250 mm undersize Width: 7,8 mm	
<a href="#">BL380303STD</a>	8	STD, shaft dia: 59,97 mm	
<a href="#">BL380303025</a>	8	0,250 mm undersize	
<a href="#">BL380303050</a>	8	0,500 mm undersize	
<a href="#">BL380303075</a>	8	0,750 mm undersize	
<a href="#">BL380303100</a>	8	1,000 mm undersize	
<a href="#">PB380303</a>	8		
<a href="#">1NL380303</a>	1		
<a href="#">KP380303</a>	1		
<a href="#">BP380303</a>	6	For 1 cylinder	
<a href="#">KD380303</a>	6	For 1 valve cover	
<a href="#">BB380303</a>	12		

REF	Qty./eng.	Remarks	
<a href="#">OP380303</a>	1		
<a href="#">NT380303</a>	1		
<a href="#">KT380303</a>	1		
<a href="#">OF380303</a>	1		
<a href="#">IT380303</a>	6		

Used for: DEUTZ

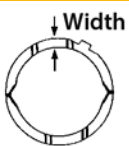






Used for: DEUTZ

Used for: **DEUTZ F6L912W**

Specifications: **Diesel · 6 cylinders · Bore: 100,00 mm**

In: **LINDE**

REF	Qty./eng.	Remarks	
			
<a href="#">PISE380306STD</a>	6	STD	
<a href="#">PISE380306050</a>	6	0,500 mm oversize	
<a href="#">CH380306</a>	6	Finished	
			
<a href="#">IK380306</a>	6		
<a href="#">UK380306</a>	6		
<a href="#">KS380306</a>	12		
<a href="#">KG380306</a>	12		
			
<a href="#">2HL380306STD</a>	7	STD, shaft dia: 70,00 mm	
<a href="#">2HL380306025</a>	7	0,250 mm undersize	
<a href="#">2HL380306050</a>	7	0,500 mm undersize	
<a href="#">2HL380306075</a>	7	0,750 mm undersize	
<a href="#">2HL380306100</a>	7	1,000 mm undersize	
<a href="#">2AL380306STDA</a>	1	STD, width: 11,4 mm	
<a href="#">2AL380306025A</a>	1	0,250 mm undersize Width: 11,4 mm	
<a href="#">2AL380306STDB</a>	1	STD, width: 7,8 mm	
<a href="#">2AL380306025B</a>	1	0,250 mm undersize Width: 7,8 mm	
<a href="#">BL380306STD</a>	6	STD, shaft dia: 59,97 mm	
<a href="#">BL380306025</a>	6	0,250 mm undersize	
<a href="#">BL380306050</a>	6	0,500 mm undersize	
<a href="#">BL380306075</a>	6	0,750 mm undersize	
<a href="#">BL380306100</a>	6	1,000 mm undersize	
<a href="#">PB380306</a>	6		
<a href="#">1NL380306</a>	1		
			
<a href="#">KP380306</a>	1		
<a href="#">BP380306</a>	6	For 1 cylinder	
<a href="#">KD380306</a>	6	For 1 valve cover	
			
<a href="#">BB380306</a>	12		

REF	Qty./eng.	Remarks	
			
<a href="#">OP380306</a>	1		
			
<a href="#">NT380306</a>	1		
<a href="#">KT380306</a>	1		
			
<a href="#">OF380306</a>	1		
<a href="#">GB380306</a>	6		
<a href="#">IT380306</a>	6		



Used for: DEUTZ GF3L913

Specifications: **Gasoline** · **3 cylinders** · Bore: **102,00 mm**

In: **LINDE**

REF	Qty./eng.	Remarks	
<a href="#">PISE380002STD</a>	3	STD	
<a href="#">CH380002</a>	3	Finished	
<a href="#">IK380002</a>	3		
<a href="#">UK380002</a>	3		
<a href="#">KS380002</a>	6		
<a href="#">IG380002</a>	3		
<a href="#">UG380002</a>	3		
<a href="#">2HL380002STD</a>	4	STD	
<a href="#">2HL380002025</a>	4	0,250 mm undersize	
<a href="#">2HL380002050</a>	4	0,500 mm undersize	
<a href="#">2HL380002075</a>	4	0,750 mm undersize	
<a href="#">2HL380002100</a>	4	1,000 mm undersize	
<a href="#">2AL380002STDA</a>	1	STD, width 11,4 mm	
<a href="#">2AL380002025A</a>	1	0,250 mm undersize Width 11,4 mm	
<a href="#">2AL380002STDB</a>	1	STD, width 7,8 mm	
<a href="#">2AL380002025B</a>	1	0,250 mm undersize Width 7,8 mm	
<a href="#">BL380002STD</a>	3	STD	
<a href="#">BL380002025</a>	3	0,250 mm undersize	
<a href="#">BL380002050</a>	3	0,500 mm undersize	
<a href="#">BL380002075</a>	3	0,750 mm undersize	
<a href="#">BL380002100</a>	3	1,000 mm undersize	
<a href="#">PB380002</a>	3		
<a href="#">1NL380002</a>	1		
<a href="#">KP380002</a>	1		
<a href="#">BP380002</a>	3	For 1 cylinder	
<a href="#">CP380002</a>	1		
<a href="#">DP380002</a>	1		
<a href="#">KA380002</a>	3	Only on intake	
<a href="#">SV380002</a>	1		
<a href="#">SA380002</a>	1		
<a href="#">KD380002</a>	3	For 1 valve cover	
<a href="#">BB380002A</a>	6	Length: 63,6 mm	
<a href="#">BB380002B</a>	6	Length: 75,0 mm	

REF	Qty./eng.	Remarks	
<a href="#">OP380002</a>	1		
<a href="#">NA380002</a>	1		
<a href="#">NT380002</a>	1		
<a href="#">KT380002</a>	1		
<a href="#">OF380002</a>	1		
<a href="#">BO380002</a>	3		





USED FOR  
**FIAT**



Used for: FIAT

Used for: FIAT 8035-05-359

Specifications: Diesel · 3 cylinders · Bore: 104,00 mm

In: OM-FIAT

REF	Qty./eng.	Remarks
<a href="#">1SE260001STD</a>	3	STD
<a href="#">1SE260001040</a>	3	0,400 mm oversize
<a href="#">1SE260001080</a>	3	0,800 mm oversize
<a href="#">PISE260001STD</a>	3	STD
<a href="#">PISE260001040</a>	3	0,400 mm oversize
<a href="#">PISE260001060</a>	3	0,600 mm oversize
<a href="#">PISE260001080</a>	3	0,800 mm oversize
<a href="#">CH260001STD</a>	3	Semi-finished
<a href="#">CH260001020</a>	3	0.020" oversize, semi-finished
<a href="#">IK260001</a>	3	
<a href="#">UK260001</a>	3	
<a href="#">KS260001STD</a>	6	STD
<a href="#">KS260001010</a>	6	0,100 mm oversize
<a href="#">KS260001020</a>	6	0,200 mm oversize
<a href="#">KS260001030</a>	6	0,300 mm oversize
<a href="#">KG260001STD</a>	6	STD
<a href="#">KG260001020</a>	6	0,200 mm oversize
<a href="#">2HL260001STD</a>	4	STD
<a href="#">2HL2600010254</a>	4	0,254 mm undersize
<a href="#">2HL2600010508</a>	4	0,508 mm undersize
<a href="#">2HL2600010762</a>	4	0,762 mm undersize
<a href="#">2HL2600011016</a>	4	1,016 mm undersize
<a href="#">2AL260001STD</a>	2	STD
<a href="#">2AL2600010127</a>	2	0,127 mm undersize
<a href="#">2AL2600010254</a>	2	0,254 mm undersize
<a href="#">2AL2600010508</a>	2	0,508 mm undersize
<a href="#">BL260001STD</a>	3	STD
<a href="#">BL2600010254</a>	3	0,254 mm undersize
<a href="#">BL2600010508</a>	3	0,508 mm undersize
<a href="#">BL2600010762</a>	3	0,762 mm undersize
<a href="#">BL2600011016</a>	3	1,016 mm undersize
<a href="#">PB260001</a>	6	
<a href="#">1NL260001A</a>	1	Front
<a href="#">1NL260001B</a>	1	Middle
<a href="#">1NL260001C</a>	1	Rear
<a href="#">KP260001</a>	1	

REF	Qty./eng.	Remarks
<a href="#">BP260001</a>	1	
<a href="#">JC260001</a>	1	
<a href="#">SV260001</a>	1	
<a href="#">SA260001</a>	1	
<a href="#">KD260001</a>	1	
<a href="#">CB260001</a>	14	
<a href="#">VP260001</a>	1	
<a href="#">BB260001</a>	6	
<a href="#">OP260001</a>	1	
<a href="#">WP260001</a>	1	Total height: 148,0 mm Total length: 174,0 mm Without gasket 
<a href="#">NA260001</a>	1	With gear
<a href="#">NT260001</a>	1	
<a href="#">KT260001</a>	1	
<a href="#">TT260001A</a>	1	
<a href="#">TT260001B</a>	1	
<a href="#">TT260001C</a>	1	
<a href="#">OF260001</a>	1	
<a href="#">GB260001</a>	3	
<a href="#">IT260001</a>	3	





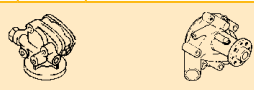



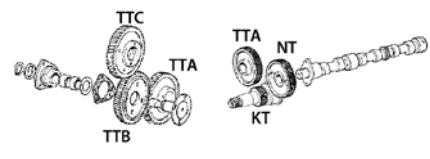
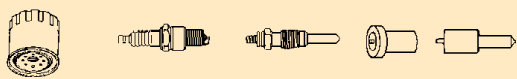
Used for: FIAT 8045-05-359

Specifications: Diesel · 4 cylinders · Bore: 104,00 mm

In: OM-FIAT

Used for: FIAT

REF	Qty./eng.	Remarks
		
<a href="#">1SE260002STD</a>	4	STD
<a href="#">1SE260002040</a>	4	0,400 mm oversize
<a href="#">1SE260002080</a>	4	0,800 mm oversize
<a href="#">PISE260002STD</a>	4	STD
<a href="#">PISE260002040</a>	4	0,400 mm oversize
<a href="#">PISE260002080</a>	4	0,800 mm oversize
<a href="#">CH260002STD</a>	4	STD, Semi-finished
<a href="#">CH260002020</a>	4	0,020" oversize, semi-finished
		
<a href="#">IK260002</a>	4	
<a href="#">UK260002</a>	4	
<a href="#">KS260002STD</a>	8	STD
<a href="#">KS260002010</a>	8	0,100 mm oversize
<a href="#">KS260002020</a>	8	0,200 mm oversize
<a href="#">KS260002030</a>	8	0,300 mm oversize
<a href="#">KG260002STD</a>	8	STD
<a href="#">KG260002020</a>	8	0,200 mm oversize
		
<a href="#">2HL260002STD</a>	5	STD
<a href="#">2HL2600020254</a>	5	0,254 mm undersize
<a href="#">2HL2600020508</a>	5	0,508 mm undersize
<a href="#">2HL2600020762</a>	5	0,762 mm undersize
<a href="#">2HL2600021016</a>	5	1,016 mm undersize
<a href="#">2AL260002STD</a>	2	STD
<a href="#">2AL2600020127</a>	2	0,127 mm undersize
<a href="#">2AL2600020254</a>	2	0,254 mm undersize
<a href="#">2AL2600020508</a>	2	0,508 mm undersize
<a href="#">BL260002STD</a>	4	STD
<a href="#">BL2600020254</a>	4	0,254 mm undersize
<a href="#">BL2600020508</a>	4	0,508 mm undersize
<a href="#">BL2600020762</a>	4	0,762 mm undersize
<a href="#">BL2600021016</a>	4	1,016 mm undersize
<a href="#">PB260002</a>	8	
<a href="#">1NL260002A</a>	1	Front
<a href="#">1NL260002B</a>	1	Middle
<a href="#">1NL260002C</a>	1	Rear
		
<a href="#">KP260002</a>	1	
<a href="#">BP260002</a>	1	

REF	Qty./eng.	Remarks
<a href="#">JC260002</a>	1	
<a href="#">SV260002</a>	1	
<a href="#">SA260002</a>	1	
<a href="#">KD260002</a>	1	
		
<a href="#">CB260002</a>	14	
<a href="#">VP260002</a>	1	
<a href="#">BB260002</a>	8	
		
<a href="#">OP260002</a>	1	
<a href="#">WP260002</a>	1	Total height: 148,0 mm Total length: 174,0 mm Without gasket 
		
<a href="#">NA260002</a>	1	With gear
<a href="#">NT260002</a>	1	
<a href="#">KT260002</a>	1	
<a href="#">TT260002A</a>	1	
<a href="#">TT260002B</a>	1	
<a href="#">TT260002C</a>	1	
		
<a href="#">OF260002</a>	1	
<a href="#">GB260002</a>	4	
<a href="#">IT260002</a>	4	



Used for: FIAT

Used for: FIAT 8055-05-250

Specifications: Diesel · 5 cylinders · Bore: 104,00 mm

In: OM-FIAT

REF	Qty./eng.	Remarks
<a href="#">1SE260006STD</a>	5	STD
<a href="#">1SE260006040</a>	5	0.040" oversize
<a href="#">1SE260006080</a>	5	0.080" oversize
<a href="#">PISE260006STD</a>	5	STD
<a href="#">PISE260006040</a>	5	0,400 mm oversize
<a href="#">PISE260006080</a>	5	0,800 mm oversize
<a href="#">CH260006STD</a>	5	STD, semi-finished
<a href="#">CH260006020</a>	5	0.020" oversize, semi-finished
<a href="#">IK260006</a>	5	
<a href="#">UK260006</a>	5	
<a href="#">KS260006STD</a>	10	STD
<a href="#">KS260006010</a>	10	0,100 mm oversize
<a href="#">KS260006020</a>	10	0,200 mm oversize
<a href="#">KS260006030</a>	10	0,300 mm oversize
<a href="#">KG260006</a>	10	
<a href="#">2HL260006STD</a>	6	STD
<a href="#">2HL2600060254</a>	6	0,254 mm undersize
<a href="#">2HL2600060508</a>	6	0,508 mm undersize
<a href="#">2HL2600060762</a>	6	0,762 mm undersize
<a href="#">2HL2600061016</a>	6	1,016 mm undersize
<a href="#">2AL260006STD</a>	2	STD
<a href="#">2AL2600060127</a>	2	0,127 mm undersize
<a href="#">2AL2600060254</a>	2	0,254 mm undersize
<a href="#">BL260006STD</a>	5	STD
<a href="#">BL2600060254</a>	5	0,254 mm undersize
<a href="#">BL2600060508</a>	5	0,508 mm undersize
<a href="#">BL2600060762</a>	5	0,762 mm undersize
<a href="#">BL2600061016</a>	5	1,016 mm undersize
<a href="#">PB260006</a>	10	
<a href="#">1NL260006A</a>	1	Front
<a href="#">1NL260006B</a>	1	Second
<a href="#">1NL260006C</a>	1	Third
<a href="#">1NL260006D</a>	1	Rear
<a href="#">KP260006</a>	1	
<a href="#">BP260006</a>	1	

REF	Qty./eng.	Remarks
<a href="#">JC260006</a>	1	
<a href="#">SV260006</a>	1	
<a href="#">SA260006</a>	1	
<a href="#">KD260006</a>	1	
<a href="#">CB260006</a>	14	
<a href="#">VP260006</a>	1	
<a href="#">BB260006</a>	10	
<a href="#">OP260006</a>	1	
<a href="#">WP260006</a>	1	Total height: 148,0 mm Total length: 174,0 mm Without gasket 
<a href="#">NA260006</a>	1	With gear
<a href="#">NT260006</a>	1	
<a href="#">KT260006</a>	1	
<a href="#">TT260006</a>	1	
<a href="#">OF260006</a>	2	
<a href="#">GB260006</a>	5	
<a href="#">IT260006</a>	5	



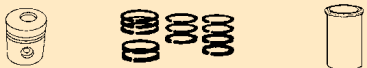
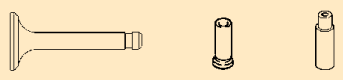


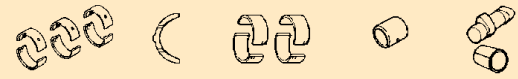
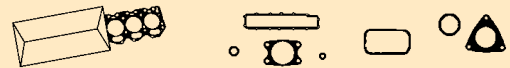
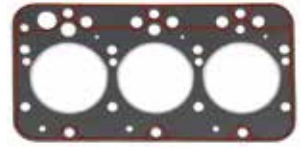

Used for: FIAT 8035.05 - AGRI

Specifications: Diesel · 3 cylinders · Bore: 104,00 mm

In: NEW HOLLAND

Used for: FIAT

REF	Qty./eng.	Remarks
		
<a href="#">PI260007STDA</a>	3	STD, pin dia: 32 mm
<a href="#">PI260007040A</a>	3	0,400 mm oversize, pin dia: 32 mm
<a href="#">PI260007060A</a>	3	0,600 mm oversize, pin dia: 32 mm
<a href="#">PI260007080A</a>	3	0,800 mm oversize, pin dia: 32 mm
<a href="#">PI260007STDB</a>	3	STD, pin dia: 38 mm
<a href="#">PI260007040B</a>	3	0,400 mm oversize, pin dia: 38 mm
<a href="#">PI260007060B</a>	3	0,600 mm oversize, pin dia: 38 mm
<a href="#">PI260007080B</a>	3	0,800 mm oversize, pin dia: 38 mm
<a href="#">1SE260007STDA</a>	3	STD, for piston A
<a href="#">1SE260007040A</a>	3	0,400 mm oversize, for piston A
<a href="#">1SE260007060A</a>	3	0,600 mm oversize, for piston A
<a href="#">1SE260007080A</a>	3	0,800 mm oversize, for piston A
<a href="#">1SE260007STDB</a>	3	STD, for piston B
<a href="#">1SE260007040B</a>	3	0,400 mm oversize, for piston B
<a href="#">1SE260007060B</a>	3	0,600 mm oversize, for piston B
<a href="#">1SE260007080B</a>	3	0,800 mm oversize, for piston B
<a href="#">PISE260007STDA</a>	3	STD, pin dia: 32 mm
<a href="#">PISE260007040A</a>	3	0,400 mm oversize, pin dia: 32 mm
<a href="#">PISE260007060A</a>	3	0,600 mm oversize, pin dia: 32 mm
<a href="#">PISE260007080A</a>	3	0,800 mm oversize, pin dia: 32 mm
<a href="#">PISE260007STDB</a>	3	STD, pin dia: 38 mm
<a href="#">PISE260007040B</a>	3	0,400 mm oversize, pin dia: 38 mm
<a href="#">PISE260007060B</a>	3	0,600 mm oversize, pin dia: 38 mm
<a href="#">PISE260007080B</a>	3	0,800 mm oversize, pin dia: 38 mm
<a href="#">CH260007STD</a>	3	Semi-finished
<a href="#">CH260007020</a>	3	0,200 mm oversize
<a href="#">AS260007A</a>	3	Includes piston A
<a href="#">AS260007B</a>	3	Includes piston B
		
<a href="#">IK260007</a>	3	
<a href="#">UK260007</a>	3	
<a href="#">KS260007</a>	6	
<a href="#">KG260007STD</a>	6	STD

REF	Qty./eng.	Remarks
<a href="#">KG260007002</a>	6	0,020 mm oversize
		
<a href="#">2HL260007STD</a>	4	STD
<a href="#">2HL260007010</a>	4	0.010" oversize
<a href="#">2HL260007020</a>	4	0.020" oversize
<a href="#">2HL260007030</a>	4	0.030" oversize
<a href="#">2HL260007040</a>	4	0.040" oversize
<a href="#">AL260007STD</a>	1	STD
<a href="#">AL260007005</a>	1	0.005" oversize
<a href="#">AL260007010</a>	1	0.010" oversize
<a href="#">AL260007020</a>	1	0.020" oversize
<a href="#">BL260007STD</a>	3	STD
<a href="#">BL260007010</a>	3	0.010" oversize
<a href="#">BL260007020</a>	3	0.020" oversize
<a href="#">BL260007030</a>	3	0.030" oversize
<a href="#">BL260007040</a>	3	0.040" oversize
<a href="#">PB260007A</a>	3	Straight
<a href="#">PB260007B</a>	3	Angular
<a href="#">NL260007</a>	1	
		
<a href="#">KP260007A</a>	1	4010S, 4030
<a href="#">KP260007B</a>	1	TL65 ( Brasil), 4635, L60,
<a href="#">KP260007C</a>	1	TN55, TN65
<a href="#">KP260007D</a>	1	TN55D, TN55S, TN65D, TN65S
<a href="#">KP260007E</a>	1	TN55V, TN65N, TN65V
<a href="#">BP260007A</a>	1	4010S, 4030
<a href="#">BP260007B</a>	1	TL65 ( Brasil), 4635, L60,
<a href="#">BP260007C</a>	1	TN55, TN65,
<a href="#">BP260007D</a>	1	TN55D, TN55S, TN65D, TN65S
<a href="#">BP260007E</a>	1	TN55V, TN65N, TN65V
<a href="#">JC260007A</a>	1	Thickness: 1,35 mm
		
<a href="#">JC260007B</a>	1	Thickness: 1,55 mm
		
<a href="#">SV260007</a>	1	
<a href="#">SA260007</a>	1	



Used for: FIAT

Used for: FIAT 8035.05 - AGRI

Specifications: **Diesel** · 3 cylinders · Bore: **104,00 mm**

In: **NEW HOLLAND**

REF	Qty./eng.	Remarks
<a href="#">KD260007A</a>	1	TT50 , TT55 , TD60 , TD60D Plus
<a href="#">KD260007B</a>	1	
<a href="#">BB260007</a>	6	
<a href="#">OP260007A</a>	1	
<a href="#">OP260007B</a>	1	
<a href="#">OP260007C</a>	1	
<a href="#">WP260007A</a>	1	
<a href="#">WP260007B</a>	1	
<a href="#">WP260007C</a>	1	
<a href="#">RW260007A</a>	1	For WPA
<a href="#">RW260007B</a>	1	For WPB
<a href="#">RW260007C</a>	1	For WPC

REF	Qty./eng.	Remarks
<a href="#">KT260007A</a>	1	
<a href="#">KT260007B</a>	1	
<a href="#">OF260007</a>	1	
<a href="#">IT260007A</a>	3	DLLA 136S 1000
<a href="#">IT260007B</a>	3	DLLA 138S 1112
<a href="#">IT260007C</a>	3	DLLA 132P 1755
<a href="#">IT260007D</a>	3	DLLA 132S 1320
<a href="#">IT260007E</a>	3	DLLA 132S 1335
<a href="#">IT260007F</a>	3	DLLA 132S 1384





Used for: FIAT 8035.06 - AGRI

Specifications: Diesel · 3 cylinders · Bore: 100,00 mm

In: NEW HOLLAND

Used for: FIAT

REF	Qty./eng.	Remarks
<a href="#">PI260008STDA</a>	3	STD, chamber depth: 22,7 mm
<a href="#">PI260008040A</a>	3	0,400 mm oversize, chamber depth: 22,7 mm
<a href="#">PI260008060A</a>	3	0,600 mm oversize, chamber depth: 22,7 mm
<a href="#">PI260008080A</a>	3	0,800 mm oversize, chamber depth: 22,7 mm
<a href="#">PI260008STDB</a>	3	STD, chamber depth: 20,2 mm
<a href="#">PI260008040B</a>	3	0,400 mm oversize, chamber depth: 20,2 mm
<a href="#">PI260008060B</a>	3	0,600 mm oversize, chamber depth: 20,2 mm
<a href="#">PI260008080B</a>	3	0,800 mm oversize, chamber depth: 20,2 mm
<a href="#">1SE260008STDA</a>	3	STD, for piston A
<a href="#">1SE260008040A</a>	3	0,400 mm oversize, for piston A
<a href="#">1SE260008060A</a>	3	0,600 mm oversize, for piston A
<a href="#">1SE260008080A</a>	3	0,800 mm oversize, for piston A
<a href="#">1SE260008STDB</a>	3	STD, for piston B
<a href="#">1SE260008040B</a>	3	0,400 mm oversize, for piston B
<a href="#">1SE260008060B</a>	3	0,600 mm oversize, for piston B
<a href="#">1SE260008080B</a>	3	0,800 mm oversize, for piston B
<a href="#">PISE260008STDA</a>	3	STD, chamber depth: 22,7 mm
<a href="#">PISE260008040A</a>	3	0,400 mm oversize, chamber depth: 22,7 mm
<a href="#">PISE260008060A</a>	3	0,600 mm oversize, chamber depth: 22,7 mm
<a href="#">PISE260008080A</a>	3	0,800 mm oversize, chamber depth: 22,7 mm
<a href="#">PISE260008STDB</a>	3	STD, chamber depth: 20,2 mm
<a href="#">PISE260008040B</a>	3	0,400 mm oversize, chamber depth: 20,2 mm
<a href="#">PISE260008060B</a>	3	0,600 mm oversize, chamber depth: 20,2 mm
<a href="#">PISE260008080B</a>	3	0,800 mm oversize, chamber depth: 20,2 mm
<a href="#">CH260008STD</a>	3	Semi-finished
<a href="#">CH260008020</a>	3	0,200 mm oversize
<a href="#">AS260008A</a>	3	Includes piston A
<a href="#">AS260008B</a>	3	Includes piston B
<a href="#">IK260008</a>	3	
<a href="#">UK260008</a>	3	

REF	Qty./eng.	Remarks
<a href="#">KS260008</a>	6	
<a href="#">KG260008STD</a>	6	STD
<a href="#">KG260008002</a>	6	0,020 mm oversize
<a href="#">2HL260008STD</a>	4	STD
<a href="#">2HL260008010</a>	4	0.010" oversize
<a href="#">2HL260008020</a>	4	0.020" oversize
<a href="#">2HL260008030</a>	4	0.030" oversize
<a href="#">2HL260008040</a>	4	0.040" oversize
<a href="#">AL260008STD</a>	1	STD
<a href="#">AL260008005</a>	1	0.005" oversize
<a href="#">AL260008010</a>	1	0.010" oversize
<a href="#">AL260008020</a>	1	0.020" oversize
<a href="#">BL260008STD</a>	3	STD
<a href="#">BL260008010</a>	3	0.010" oversize
<a href="#">BL260008020</a>	3	0.020" oversize
<a href="#">BL260008030</a>	3	0.030" oversize
<a href="#">BL260008040</a>	3	0.040" oversize
<a href="#">PB260008A</a>	3	Straight
<a href="#">PB260008B</a>	3	Angular
<a href="#">NL260008</a>	1	
<a href="#">KP260008A</a>	1	3010S, 3435, 3935, 4135, 3830
<a href="#">KP260008B</a>	1	3010S Emissionized engine 3830 NASO TD55D
<a href="#">BP260008A</a>	1	3010S, 3435, 3935, 4135, 3830
<a href="#">BP260008B</a>	1	3010S Emissionized engine 3830 NASO TD55D
<a href="#">JC260008A</a>	1	Thickness: 1,35 mm 
<a href="#">JC260008B</a>	1	Thickness: 1,55 mm 
<a href="#">DP260008</a>	1	
<a href="#">SV260008</a>	1	
<a href="#">SA260008</a>	1	
<a href="#">KD260008A</a>	1	
<a href="#">KD260008B</a>	1	



Used for: FIAT

Used for: FIAT 8035.06 - AGRI

Specifications: **Diesel · 3 cylinders · Bore: 100,00 mm**

In: **NEW HOLLAND**

REF	Qty./eng.	Remarks
<a href="#">BB260008</a>	6	
<a href="#">OP260008</a>	1	
<a href="#">WP260008A</a>	1	
<a href="#">WP260008B</a>	1	
<a href="#">RW260008A</a>	1	For WPA
<a href="#">RW260008B</a>	1	For WPB
<a href="#">KT260008A</a>	1	
<a href="#">KT260008B</a>	1	
<a href="#">OF260008</a>	1	
<a href="#">IT260008A</a>	3	DLLA 124S 1001
<a href="#">IT260008B</a>	3	DLLA 134S 1113
<a href="#">IT260008C</a>	3	DLLA 132S 1335
<a href="#">IT260008D</a>	3	DLLA 136S 1000
<a href="#">IT260008E</a>	3	DLLA 138S 1112



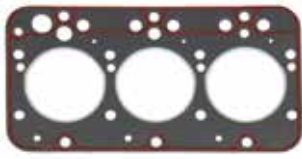




Used for: FIAT 8035.25 - AGRI

Specifications: **Diesel · 3 cylinders · Bore: 104,00 mm**

In: **NEW HOLLAND**

Used for: FIAT

REF	Qty./eng.	Remarks
<a href="#">PI260009STD</a>	3	STD
<a href="#">PI260009040</a>	3	0,400 mm oversize
<a href="#">PI260009060</a>	3	0,600 mm oversize
<a href="#">PI260009080</a>	3	0,800 mm oversize
<a href="#">1SE260009STD</a>	3	STD
<a href="#">1SE260009040</a>	3	0,400 mm oversize
<a href="#">1SE260009060</a>	3	0,600 mm oversize
<a href="#">1SE260009080</a>	3	0,800 mm oversize
<a href="#">PISE260009STD</a>	3	STD
<a href="#">PISE260009040</a>	3	0,400 mm oversize
<a href="#">PISE260009060</a>	3	0,600 mm oversize
<a href="#">PISE260009080</a>	3	0,800 mm oversize
<a href="#">CH260009STD</a>	3	Semi-finished
<a href="#">CH260009020</a>	3	0,200 mm oversize
<a href="#">AS260009</a>	3	
<a href="#">IK260009</a>	3	
<a href="#">UK260009</a>	3	
<a href="#">KS260009</a>	6	
<a href="#">KG260009STD</a>	6	STD
<a href="#">KG260009002</a>	6	0,020 mm oversize
<a href="#">2HL260009STD</a>	4	STD
<a href="#">2HL260009010</a>	4	0.010" oversize
<a href="#">2HL260009020</a>	4	0.020" oversize
<a href="#">2HL260009030</a>	4	0.030" oversize
<a href="#">2HL260009040</a>	4	0.040" oversize
<a href="#">AL260009STD</a>	1	STD
<a href="#">AL260009005</a>	1	0.005" oversize
<a href="#">AL260009010</a>	1	0.010" oversize
<a href="#">AL260009020</a>	1	0,020" oversize
<a href="#">BL260009STD</a>	3	STD
<a href="#">BL260009010</a>	3	0.010" oversize
<a href="#">BL260009020</a>	3	0.020" oversize
<a href="#">BL260009030</a>	3	0.030" oversize
<a href="#">BL260009040</a>	3	0.040" oversize
<a href="#">PB260009A</a>	3	Straight
<a href="#">PB260009B</a>	3	Angular
<a href="#">NL260009</a>	1	

REF	Qty./eng.	Remarks
<a href="#">KP260009A</a>	1	TN, TND, TNS
<a href="#">KP260009B</a>	1	TNN, TNV
<a href="#">BP260009</a>	1	
<a href="#">JC260009A</a>	1	Thickness: 1,35 mm 
<a href="#">JC260009B</a>	1	Thickness: 1,55 mm 
<a href="#">DP260009A</a>	1	
<a href="#">DP260009B</a>	1	
<a href="#">SV260009</a>	1	
<a href="#">SA260009</a>	1	
<a href="#">KD260009A</a>	1	
<a href="#">KD260009B</a>	1	
<a href="#">BB260009</a>	6	
<a href="#">OP260009A</a>	1	
<a href="#">OP260009B</a>	1	
<a href="#">OP260009C</a>	1	







Used for: FIAT

Used for: FIAT 8035.25 - AGRI

Specifications: **Diesel** · **3 cylinders** · Bore: **104,00 mm**

In: **NEW HOLLAND**

REF	Qty./eng.	Remarks	
<a href="#">WP260009A</a>	1		
<a href="#">WP260009B</a>	1		
<a href="#">RW260009A</a>	1	For WPA	
<a href="#">RW260009B</a>	1	For WPB	
			
<a href="#">KT260009A</a>	1	Wide	
<a href="#">KT260009B</a>	1	Small	
			
<a href="#">OF260009A</a>	1		
<a href="#">OF260009B</a>	1		
<a href="#">OF260009C</a>	1		
<a href="#">IT260009</a>	3	DLLA 132S 1320	



Used for: FIAT 8045.05 - AGRI

Specifications: Diesel · 4 cylinders · Bore: 104,00 mm

In: NEW HOLLAND

Used for: FIAT

REF	Qty./eng.	Remarks
<a href="#">PI260010STDA</a>	4	STD, pin dia: 32 mm
<a href="#">PI260010040A</a>	4	0,400 mm oversize, pin dia: 32 mm
<a href="#">PI260010060A</a>	4	0,600 mm oversize, pin dia: 32 mm
<a href="#">PI260010080A</a>	4	0,800 mm oversize, pin dia: 32 mm
<a href="#">PI260010STDB</a>	4	STD, pin dia: 38 mm
<a href="#">PI260010040B</a>	4	0,400 mm oversize, pin dia: 38 mm
<a href="#">PI260010060B</a>	4	0,600 mm oversize, pin dia: 38 mm
<a href="#">PI260010080B</a>	4	0,800 mm oversize, pin dia: 38 mm
<a href="#">1SE260010STDA</a>	4	STD, for piston A
<a href="#">1SE260010040A</a>	4	0,400 mm oversize, for piston A
<a href="#">1SE260010060A</a>	4	0,600 mm oversize, for piston A
<a href="#">1SE260010080A</a>	4	0,800 mm oversize, for piston A
<a href="#">1SE260010STDB</a>	4	STD, for piston B
<a href="#">1SE260010040B</a>	4	0,400 mm oversize, for piston B
<a href="#">1SE260010060B</a>	4	0,600 mm oversize, for piston B
<a href="#">1SE260010080B</a>	4	0,800 mm oversize, for piston B
<a href="#">PISE260010STDA</a>	4	STD, pin dia: 32 mm
<a href="#">PISE260010040A</a>	4	0,400 mm oversize, pin dia: 32 mm
<a href="#">PISE260010060A</a>	4	0,600 mm oversize, pin dia: 32 mm
<a href="#">PISE260010080A</a>	4	0,800 mm oversize, pin dia: 32 mm
<a href="#">PISE260010STDB</a>	4	STD, pin dia: 38 mm
<a href="#">PISE260010040B</a>	4	0,400 mm oversize, pin dia: 38 mm
<a href="#">PISE260010060B</a>	4	0,600 mm oversize, pin dia: 38 mm
<a href="#">PISE260010080B</a>	4	0,800 mm oversize, pin dia: 38 mm
<a href="#">CH260010STD</a>	4	Semi-finished
<a href="#">CH260010020</a>	4	0,200 mm oversize
<a href="#">AS260010A</a>	4	Includes piston A
<a href="#">AS260010B</a>	4	Includes piston B
<a href="#">IK260010</a>	4	
<a href="#">UK260010</a>	4	
<a href="#">KS260010</a>	8	
<a href="#">KG260010STD</a>	8	STD

REF	Qty./eng.	Remarks
<a href="#">KG260010002</a>	8	0,020 mm oversize
<a href="#">2HL260010STD</a>	5	STD
<a href="#">2HL260010010</a>	5	0.010" oversize
<a href="#">2HL260010020</a>	5	0.020" oversize
<a href="#">2HL260010030</a>	5	0.030" oversize
<a href="#">2HL260010040</a>	5	0.040" oversize
<a href="#">AL260010STD</a>	1	STD
<a href="#">AL260010005</a>	1	0.005" oversize
<a href="#">AL260010010</a>	1	0.010" oversize
<a href="#">AL260010020</a>	1	0.020" oversize
<a href="#">BL260010STD</a>	4	STD
<a href="#">BL260010010</a>	4	0.010" oversize
<a href="#">BL260010020</a>	4	0.020" oversize
<a href="#">BL260010030</a>	4	0.030" oversize
<a href="#">BL260010040</a>	4	0.040" oversize
<a href="#">PB260010A</a>	4	Straight
<a href="#">PB260010B</a>	4	Angular
<a href="#">NL260010</a>	1	
<a href="#">KP260010A</a>	1	
<a href="#">KP260010B</a>	1	Comprehensive kit that covers 1940127, 1940164 and 1940165
<a href="#">KP260010C</a>	1	Comprehensive kit that covers 1940183, 1931105 and 1931107
<a href="#">BP260010</a>	1	
<a href="#">JC260010A</a>	1	Thickness: 1,35 mm
<a href="#">JC260010B</a>	1	Thickness: 1,55 mm
<a href="#">DP260010</a>	1	
<a href="#">SV260010</a>	1	
<a href="#">SA260010</a>	1	
<a href="#">KD260010A</a>	1	
<a href="#">KD260010B</a>	1	



Used for: FIAT

Used for: FIAT 8045.05 - AGRI

Specifications: **Diesel** · 4 cylinders · Bore: **104,00 mm**

In: **NEW HOLLAND**

REF	Qty./eng.	Remarks
<a href="#">BB260010</a>	8	
<a href="#">OP260010</a>	1	
<a href="#">WP260010A</a>	1	
<a href="#">WP260010B</a>	1	
<a href="#">WP260010C</a>	1	
<a href="#">RW260010A</a>	1	For WPA
<a href="#">RW260010B</a>	1	For WPB
<a href="#">RW260010C</a>	1	For WPC
<a href="#">KT260010</a>	1	
<a href="#">IT260010A</a>	4	DLLA 136S 1000
<a href="#">IT260010B</a>	4	DLLA 138S 1112
<a href="#">IT260010C</a>	4	DLLA 132S 1320
<a href="#">IT260010D</a>	4	DLLA 132S 1335
<a href="#">IT260010E</a>	4	DLLA 132P 1755
<a href="#">IT260010F</a>	4	DLLA 132S 1384





Used for: FIAT 8045.06 - AGRI

Specifications: Diesel · 4 cylinders · Bore: 100,00 mm

In: NEW HOLLAND

Used for: FIAT

REF	Qty./eng.	Remarks
<a href="#">PI260011STDA</a>	4	STD, pin dia: 32 mm
<a href="#">PI260011040A</a>	4	0,400 mm oversize, pin dia: 32 mm
<a href="#">PI260011060A</a>	4	0,600 mm oversize, pin dia: 32 mm
<a href="#">PI260011080A</a>	4	0,800 mm oversize, pin dia: 32 mm
<a href="#">PI260011STDB</a>	4	STD, pin dia: 38 mm
<a href="#">PI260011040B</a>	4	0,400 mm oversize, pin dia: 38 mm
<a href="#">PI260011060B</a>	4	0,600 mm oversize, pin dia: 38 mm
<a href="#">PI260011080B</a>	4	0,800 mm oversize, pin dia: 38 mm
<a href="#">1SE260011STDA</a>	4	STD, for piston A
<a href="#">1SE260011040A</a>	4	0,400 mm oversize, for piston A
<a href="#">1SE260011060A</a>	4	0,600 mm oversize, for piston A
<a href="#">1SE260011080A</a>	4	0,800 mm oversize, for piston A
<a href="#">1SE260011STDB</a>	4	STD, for piston B
<a href="#">1SE260011040B</a>	4	0,400 mm oversize, for piston B
<a href="#">1SE260011060B</a>	4	0,600 mm oversize, for piston B
<a href="#">1SE260011080B</a>	4	0,800 mm oversize, for piston B
<a href="#">PISE260011STDA</a>	4	STD, pin dia: 32 mm
<a href="#">PISE260011040A</a>	4	0,400 mm oversize, pin dia: 32 mm
<a href="#">PISE260011060A</a>	4	0,600 mm oversize, pin dia: 32 mm
<a href="#">PISE260011080A</a>	4	0,800 mm oversize, pin dia: 32 mm
<a href="#">PISE260011STDB</a>	4	STD, pin dia: 38 mm
<a href="#">PISE260011040B</a>	4	0,400 mm oversize, pin dia: 38 mm
<a href="#">PISE260011060B</a>	4	0,600 mm oversize, pin dia: 38 mm
<a href="#">PISE260011080B</a>	4	0,800 mm oversize, pin dia: 38 mm
<a href="#">CH260011STD</a>	4	Semi-finished
<a href="#">CH260011020</a>	4	0,200 mm oversize
<a href="#">AS260011A</a>	4	Includes piston A
<a href="#">AS260011B</a>	4	Includes piston B
<a href="#">IK260011</a>	4	
<a href="#">UK260011</a>	4	
<a href="#">KS260011</a>	8	
<a href="#">KG260011STD</a>	8	STD

REF	Qty./eng.	Remarks
<a href="#">KG260011002</a>	8	0,020 mm oversize
<a href="#">2HL260011STD</a>	5	STD
<a href="#">2HL260011010</a>	5	0.010" oversize
<a href="#">2HL260011020</a>	5	0.020" oversize
<a href="#">2HL260011030</a>	5	0.030" oversize
<a href="#">2HL260011040</a>	5	0.040" oversize
<a href="#">AL260011STD</a>	1	STD
<a href="#">AL260011005</a>	1	0.005" oversize
<a href="#">AL260011010</a>	1	0.010" oversize
<a href="#">AL260011020</a>	1	0.020" oversize
<a href="#">BL260011STD</a>	4	STD
<a href="#">BL260011010</a>	4	0.010" oversize
<a href="#">BL260011020</a>	4	0.020" oversize
<a href="#">BL260011030</a>	4	0.030" oversize
<a href="#">BL260011040</a>	4	0.040" oversize
<a href="#">PB260011A</a>	4	Straight
<a href="#">PB260011B</a>	4	Angular
<a href="#">NL260011</a>	1	
<a href="#">KP260011</a>	1	
<a href="#">BP260011</a>	1	
<a href="#">JC260011A</a>	1	Thickness: 1,35 mm
<a href="#">JC260011B</a>	1	Thickness: 1,55 mm
<a href="#">DP260011</a>	1	
<a href="#">SV260011</a>	1	
<a href="#">SA260011</a>	1	
<a href="#">KD260011A</a>	1	
<a href="#">BB260011</a>	8	



Used for: FIAT

Used for: FIAT 8045.06 - AGRI

Specifications: **Diesel** · **4 cylinders** · Bore: **100,00 mm**

In: **NEW HOLLAND**

REF	Qty./eng.	Remarks
<a href="#">OP260011A</a>	1	
<a href="#">WP260011A</a>	1	
<a href="#">WP260011B</a>	1	
<a href="#">RW260011A</a>	1	For WPA
<a href="#">RW260011B</a>	1	For WPB
<a href="#">KT260011</a>	1	
<a href="#">OF260011</a>	1	
<a href="#">IT260011A</a>	4	DLLA 124S 1001
<a href="#">IT260011B</a>	4	DLLA 134S 1113
<a href="#">IT260011C</a>	4	DLLA 132S 1335

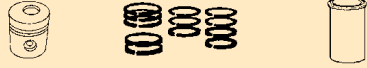



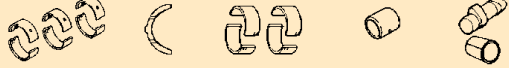
Used for: FIAT 8045.25 - AGRI

Specifications: Diesel · 4 cylinders · Bore: 104,00 mm

In: NEW HOLLAND

Used for: FIAT

REF	Qty./eng.	Remarks
		
<a href="#">PI260012STDA</a>	4	STD, grooves: 3,0 - 2,5 - 4,0 mm
<a href="#">PI260012040A</a>	4	0,400 mm oversize, grooves: 3,0 - 2,5 - 4,0 mm
<a href="#">PI260012060A</a>	4	0,600 mm oversize, grooves: 3,0 - 2,5 - 4,0 mm
<a href="#">PI260012080A</a>	4	0,800 mm oversize, grooves: 3,0 - 2,5 - 4,0 mm
<a href="#">PI260012STDB</a>	4	STD, grooves: 2,8 - 2,4 - 3,9 mm
<a href="#">PI260012040B</a>	4	0,400 mm oversize, grooves: 2,8 - 2,4 - 3,9 mm
<a href="#">PI260012060B</a>	4	0,600 mm oversize, grooves: 2,8 - 2,4 - 3,9 mm
<a href="#">PI260012080B</a>	4	0,800 mm oversize, grooves: 2,8 - 2,4 - 3,9 mm
<a href="#">PI260012STDC</a>	4	STD, grooves: 3,0 - 2,37 - 2,97 mm
<a href="#">PI260012040C</a>	4	0,400 mm oversize, grooves: 3,0 - 2,37 - 2,97 mm
<a href="#">PI260012060C</a>	4	0,600 mm oversize, grooves: 3,0 - 2,37 - 2,97 mm
<a href="#">PI260012080C</a>	4	0,800 mm oversize, grooves: 3,0 - 2,37 - 2,97 mm
<a href="#">1SE260012STDA</a>	4	STD, for piston A
<a href="#">1SE260012040A</a>	4	0,400 mm oversize, for piston A
<a href="#">1SE260012060A</a>	4	0,600 mm oversize, for piston A
<a href="#">1SE260012080A</a>	4	0,800 mm oversize, for piston A
<a href="#">1SE260012STDB</a>	4	STD, for piston B
<a href="#">1SE260012040B</a>	4	0,400 mm oversize, for piston B
<a href="#">1SE260012060B</a>	4	0,600 mm oversize, for piston B
<a href="#">1SE260012080B</a>	4	0,800 mm oversize, for piston B
<a href="#">1SE260012STDC</a>	4	STD, for piston C
<a href="#">1SE260012040C</a>	4	0,400 mm oversize, for piston C
<a href="#">1SE260012060C</a>	4	0,600 mm oversize, for piston C
<a href="#">1SE260012080C</a>	4	0,800 mm oversize, for piston C
<a href="#">PISE260012STDA</a>	4	STD, grooves: 3,0 - 2,5 - 4,0 mm
<a href="#">PISE260012040A</a>	4	0,400 mm oversize, grooves: 3,0 - 2,5 - 4,0 mm
<a href="#">PISE260012060A</a>	4	0,600 mm oversize, grooves: 3,0 - 2,5 - 4,0 mm
<a href="#">PISE260012080A</a>	4	0,800 mm oversize, grooves: 3,0 - 2,5 - 4,0 mm

REF	Qty./eng.	Remarks
<a href="#">PISE260012STDB</a>	4	STD, grooves: 2,8 - 2,4 - 3,9 mm
<a href="#">PISE260012040B</a>	4	0,400 mm oversize, grooves: 2,8 - 2,4 - 3,9 mm
<a href="#">PISE260012060B</a>	4	0,600 mm oversize, grooves: 2,8 - 2,4 - 3,9 mm
<a href="#">PISE260012080B</a>	4	0,800 mm oversize, grooves: 2,8 - 2,4 - 3,9 mm
<a href="#">PISE260012STDC</a>	4	STD, grooves: 3,0 - 2,37 - 2,97 mm
<a href="#">PISE260012040C</a>	4	0,400 mm oversize, grooves: 3,0 - 2,37 - 2,97 mm
<a href="#">PISE260012060C</a>	4	0,600 mm oversize, grooves: 3,0 - 2,37 - 2,97 mm
<a href="#">PISE260012080C</a>	4	0,800 mm oversize, grooves: 3,0 - 2,37 - 2,97 mm
<a href="#">CH260012STD</a>	4	Semi-Finished
<a href="#">AS260012A</a>	4	Includes piston A
<a href="#">AS260012B</a>	4	Includes piston B
<a href="#">AS260012C</a>	4	Includes piston C
		
<a href="#">IK260012</a>	4	
<a href="#">UK260012</a>	4	
<a href="#">KS260012</a>	8	
<a href="#">KG260012STD</a>	8	STD
<a href="#">KG260012002</a>	8	0,020 mm oversize
		
<a href="#">2HL260012STD</a>	5	STD
<a href="#">2HL260012010</a>	5	0.010" oversize
<a href="#">2HL260012020</a>	5	0.020" oversize
<a href="#">2HL260012030</a>	5	0.030" oversize
<a href="#">2HL260012040</a>	5	0.040" oversize
<a href="#">AL260012STD</a>	1	STD
<a href="#">AL260012005</a>	1	0.005" oversize
<a href="#">AL260012010</a>	1	0.010" oversize
<a href="#">AL260012020</a>	1	0.020" oversize
<a href="#">BL260012STD</a>	4	STD
<a href="#">BL260012010</a>	4	0.010" oversize
<a href="#">BL260012020</a>	4	0.020" oversize
<a href="#">BL260012030</a>	4	0.030" oversize
<a href="#">BL260012040</a>	4	0.040" oversize
<a href="#">PB260012A</a>	4	Straight
<a href="#">PB260012B</a>	4	Angular
<a href="#">PB260012C</a>	4	Straight 8045.25K
<a href="#">PB260012D</a>	4	Angular 8045.25K
<a href="#">NL260012</a>	1	



Used for: FIAT

Used for: FIAT 8045.25 - AGRI

Specifications: Diesel · 4 cylinders · Bore: 104,00 mm

In: NEW HOLLAND

REF	Qty./eng.	Remarks
<a href="#">KP260012A</a>	1	TN, TND, TNS
<a href="#">KP260012B</a>	1	TNN, TNV
<a href="#">BP260012</a>	1	
<a href="#">JC260012A</a>	1	Thickness: 1,35 mm 
<a href="#">JC260012B</a>	1	Thickness: 1,55 mm 
<a href="#">SV260012</a>	1	
<a href="#">SA260012</a>	1	
<a href="#">KD260012A</a>	1	
<a href="#">KD260012B</a>	1	
<a href="#">BB260012</a>	8	
<a href="#">OP260012A</a>	1	
<a href="#">OP260012B</a>	1	

REF	Qty./eng.	Remarks
<a href="#">WP260012A</a>	1	
<a href="#">WP260012B</a>	1	
<a href="#">RW260012A</a>	1	For WPA
<a href="#">RW260012B</a>	1	For WPB
<a href="#">KT260012</a>	1	
<a href="#">OF260012</a>	1	
<a href="#">IT260012A</a>	4	DLLA 137S 1208
<a href="#">IT260012B</a>	4	DLLA 132S 1320
<a href="#">IT260012C</a>	4	DLLA 138S 1112

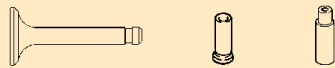
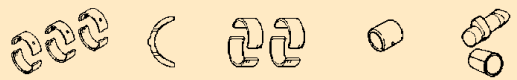
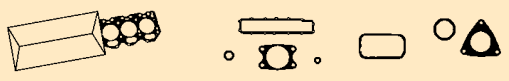




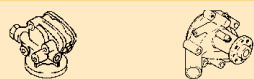


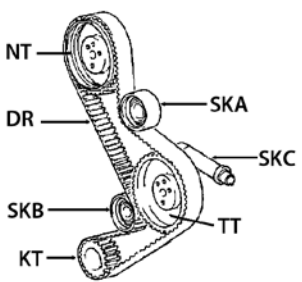
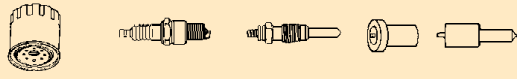
Used for: FIAT 8141-67-200

Specifications: Diesel · 4 cylinders · Bore: 93,00 mm

In: OM-FIAT

Used for: FIAT

REF	Qty./eng.	Remarks
		
<a href="#">SE260003STD</a>	1	STD
<a href="#">SE260003020</a>	1	0,200 mm oversize
<a href="#">SE260003040</a>	1	0,400 mm oversize
<a href="#">SE260003060</a>	1	0,600 mm oversize
<a href="#">4PISE260003STD</a>	1	STD
<a href="#">4PISE260003020</a>	1	0,200 mm oversize
<a href="#">4PISE260003040</a>	1	0,400 mm oversize
<a href="#">4PISE260003060</a>	1	0,600 mm oversize
<a href="#">CH260003STD</a>	4	STD, semi-finished
<a href="#">CH260003020</a>	4	0.020" oversize
		
<a href="#">IK260003</a>	4	
<a href="#">UK260003</a>	4	
<a href="#">KS260003</a>	8	
<a href="#">IG260003STD</a>	4	STD
<a href="#">IG260003005</a>	4	0,050 mm oversize
<a href="#">IG260003010</a>	4	0,100 mm oversize
<a href="#">IG260003025</a>	4	0,250 mm oversize
<a href="#">UG260003005</a>	4	0,050 mm oversize
<a href="#">UG260003010</a>	4	0,100 mm oversize
<a href="#">UG260003025</a>	4	0,250 mm oversize
		
<a href="#">HL260003STD</a>	1	STD
<a href="#">HL2600030254</a>	1	0,254 mm undersize
<a href="#">HL2600030508</a>	1	0,508 mm undersize
<a href="#">BL260003STD</a>	4	STD
<a href="#">BL2600030127</a>	4	0,127 mm undersize
<a href="#">BL2600030254</a>	4	0,254 mm undersize
<a href="#">BL2600030508</a>	4	0,508 mm undersize
<a href="#">PB260003</a>	4	
		
<a href="#">KP260003</a>	1	
<a href="#">BP260003</a>	1	
<a href="#">JC260003</a>	1	
		
<a href="#">KA260003</a>	8	

REF	Qty./eng.	Remarks
<a href="#">SV260003</a>	1	
<a href="#">SA260003</a>	1	
<a href="#">KD260003</a>	1	
		
<a href="#">CB260003A</a>	12	Short
<a href="#">CB260003B</a>	10	Long
<a href="#">VP260003</a>	1	
<a href="#">BB260003</a>	8	
		
<a href="#">OP260003</a>	1	
<a href="#">WP260003</a>	1	Total height: 107,0 mm Total length: 246,0 mm With gasket
		
		
<a href="#">NA260003</a>	1	
<a href="#">NT260003</a>	1	
<a href="#">KT260003</a>	1	
<a href="#">TT260003</a>	1	
<a href="#">SK260003A</a>	1	
<a href="#">SK260003B</a>	1	
<a href="#">SK260003C</a>	1	
<a href="#">DR260003</a>	1	
		
		
<a href="#">OF260003</a>	1	
<a href="#">GB260003</a>	4	
<a href="#">IT260003</a>	4	



Used for: FIAT M205.16AA.149

Specifications: L.P. GAS · 4 cylinders · Bore: 84,00 mm

In: OM-FIAT

REF	Qty./eng.	Remarks
<a href="#">SE260005STD</a>	1	STD
<a href="#">SE260005040</a>	1	0,400 mm oversize
<a href="#">PISE260005STDA</a>	4	STD, class A, marked on bottom of engine block
<a href="#">PISE260005STDB</a>	4	STD, class C, marked on bottom of engine block
<a href="#">PISE260005STDC</a>	4	STD, class E, marked on bottom of engine block
<a href="#">PISE260005060</a>	4	0,600 mm oversize
<a href="#">PISE260005080</a>	4	0,800 mm oversize
<a href="#">IK260005</a>	4	
<a href="#">UK260005</a>	4	
<a href="#">KS260005</a>	8	
<a href="#">KG260005005</a>	8	0,050 mm oversize
<a href="#">KG260005010</a>	8	0,100 mm oversize
<a href="#">KG260005025</a>	8	0,250 mm oversize
<a href="#">HL260005STD</a>	1	STD
<a href="#">HL2600050254</a>	1	0,254 mm undersize
<a href="#">HL2600050508</a>	1	0,508 mm undersize
<a href="#">AL260005STD</a>	1	STD
<a href="#">AL2600050127</a>	1	0,127 mm undersize
<a href="#">BL260005STD</a>	4	STD
<a href="#">BL2600050254</a>	4	0,254 mm undersize
<a href="#">BL2600050508</a>	4	0,508 mm undersize
<a href="#">PB260005</a>	4	
<a href="#">1NL260005A</a>	1	
<a href="#">1NL260005B</a>	1	
<a href="#">KP260005</a>	1	
<a href="#">BP260005</a>	1	
<a href="#">JC260005</a>	1	
<a href="#">KA260005</a>	8	

REF	Qty./eng.	Remarks
<a href="#">SV260005</a>	1	
<a href="#">SA260005</a>	1	
<a href="#">KD260005</a>	1	
<a href="#">CB260005</a>	10	
<a href="#">VP260005</a>	1	
<a href="#">BB260005</a>	8	
<a href="#">BM260005</a>	8	
<a href="#">OP260005</a>	1	
<a href="#">WP260005</a>	1	Total height: 108,0 mm Total length: 166,0 mm With gasket
<a href="#">NA260005</a>	1	
<a href="#">NT260005</a>	1	
<a href="#">KT260005</a>	1	
<a href="#">SK260005</a>	1	
<a href="#">DR260005</a>	1	
<a href="#">OF260005</a>	1	
<a href="#">B0260005</a>	4	





Used for: FIAT M705.19.149

Specifications: Diesel · 4 cylinders · Bore: 82,60 mm

In: OM-FIAT

REF	Qty./eng.	Remarks
<a href="#">SE260004STD</a>	1	STD
<a href="#">SE260004040</a>	1	0,400 mm oversize
<a href="#">SE260004060</a>	1	0,600 mm oversize
<a href="#">4PISE26004STDA</a>	1	STD, class A, marked on bottom of engine block
<a href="#">4PISE26004STDB</a>	1	STD, class B, marked on bottom of engine block
<a href="#">4PISE26004STDC</a>	1	STD, class C, marked on bottom of engine block
<a href="#">4PISE26004040</a>	1	0,400 mm oversize
<a href="#">IK260004</a>	4	
<a href="#">UK260004</a>	4	
<a href="#">KS260004</a>	8	
<a href="#">KG260004005</a>	8	0,050 mm oversize
<a href="#">KG260004010</a>	8	0,100 mm oversize
<a href="#">KG260004025</a>	8	0,250 mm oversize
<a href="#">HL260004STD</a>	1	STD
<a href="#">HL2600040254</a>	1	0,254 mm undersize
<a href="#">HL2600040508</a>	1	0,508 mm undersize
<a href="#">AL260004STD</a>	1	STD
<a href="#">AL2600040127</a>	1	0,127 mm undersize
<a href="#">BL260004STD</a>	4	STD
<a href="#">BL2600040254</a>	4	0,254 mm undersize
<a href="#">BL2600040508</a>	4	0,508 mm undersize
<a href="#">PB260004</a>	4	
<a href="#">1NL260004A</a>	1	
<a href="#">1NL260004B</a>	1	
<a href="#">KP260004</a>	1	
<a href="#">BP260004</a>	1	
<a href="#">JC260004A</a>	1	Without notches, thickness: 1,65 mm

REF	Qty./eng.	Remarks
<a href="#">JC260004B</a>	1	1 notch thickness: 1,80 mm
<a href="#">JC260004C</a>	1	2 notches thickness: 1,95 mm
<a href="#">KA260004</a>	8	
<a href="#">SV260004</a>	1	
<a href="#">SA260004</a>	1	
<a href="#">KD260004</a>	1	
<a href="#">CB260004</a>	10	
<a href="#">VP260004</a>	1	
<a href="#">BB260004</a>	8	
<a href="#">OP260004</a>	1	
<a href="#">WP260004</a>	1	Total height: 167,0 mm Total length: 260,0 mm With gasket
<a href="#">NA260004</a>	1	
<a href="#">NT260004</a>	1	
<a href="#">KT260004</a>	1	
<a href="#">TT260004</a>	1	
<a href="#">SK260004A</a>	1	
<a href="#">SK260004B</a>	1	
<a href="#">DR260004</a>	1	
<a href="#">OF260004</a>	1	
<a href="#">GB260004</a>	4	
<a href="#">IT260004</a>	4	



USED FOR  
**FORD**



Used for: FORD

Used for: FORD 4-172

Specifications: **Gasoline · 4 cylinders · Bore: 3.900" (99,06 mm)**

In: **HYSTER**

REF	Qty./eng.	Remarks
<a href="#">PI090001STD</a>	4	STD
<a href="#">PI090001020</a>	4	0.020" oversize
<a href="#">PI090001030</a>	4	0.030" oversize
<a href="#">PI090001040</a>	4	0.040" oversize
<a href="#">SE090001STD</a>	1	STD
<a href="#">SE090001020</a>	1	0.020" oversize
<a href="#">SE090001030</a>	1	0.030" oversize
<a href="#">SE090001040</a>	1	0.040" oversize
<a href="#">CH090001</a>	4	
<a href="#">AS090001</a>	4	
<a href="#">IK090001</a>	4	
<a href="#">UK090001</a>	4	
<a href="#">KS090001</a>	8	
<a href="#">KG090001</a>	8	
<a href="#">1HL090001STDA</a>	4	STD shaft dia: 63,42-63,44 mm, straight
<a href="#">1HL090001010A</a>	4	0.010" undersize
<a href="#">1HL090001020A</a>	4	0.020" undersize
<a href="#">1HL090001STDB</a>	2	STD shaft dia: 63,42-63,44 mm, flanged
<a href="#">1HL090001010B</a>	2	0.010" undersize
<a href="#">1HL090001020B</a>	2	0.020" undersize
<a href="#">1HL090001030B</a>	2	0.030" undersize
<a href="#">1HL090001040B</a>	2	0.040" undersize
<a href="#">HL090001030</a>	1	0.030" undersize
<a href="#">HL090001040</a>	1	0.040" undersize
<a href="#">1BL090001STD</a>	8	STD shaft dia: 58,36-58,38 mm
<a href="#">1BL090001010</a>	8	0.010" undersize
<a href="#">1BL090001020</a>	8	0.020" undersize
<a href="#">BL090001030</a>	4	0.030" undersize
<a href="#">BL090001040</a>	4	0.040" undersize
<a href="#">PB090001</a>	4	
<a href="#">KP090001</a>	1	No oil seals included, with valve seals
<a href="#">BP090001</a>	1	

REF	Qty./eng.	Remarks
<a href="#">CP090001</a>	1	
<a href="#">JC090001</a>	1	
<a href="#">KA090001</a>	8	
<a href="#">SV090001</a>	1	
<a href="#">1SA090001</a>	2	
<a href="#">KD090001</a>	1	
<a href="#">CB090001</a>	12	
<a href="#">VP090001</a>	1	
<a href="#">BB090001</a>	8	
<a href="#">BM090001</a>	8	
<a href="#">OP090001</a>	1	
<a href="#">WP090001</a>	1	Total height: 117,0 mm Total length: 238,0 mm With gasket
<a href="#">RW090001</a>	1	
<a href="#">NA090001</a>	1	
<a href="#">NT090001</a>	1	
<a href="#">KT090001</a>	1	
<a href="#">TT090001</a>	1	
<a href="#">OF090001</a>	1	
<a href="#">B0090001</a>	4	

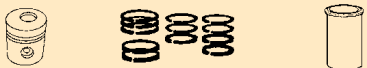
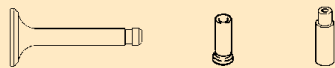
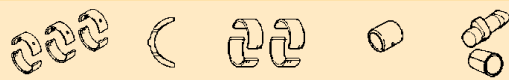
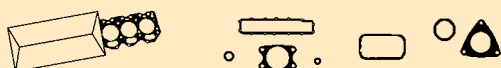








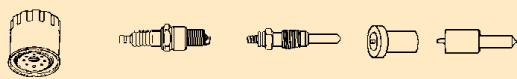
Used for: FORD 4-192

Specifications: **Gasoline** · 4 cylinders · Bore: 4.130" (104,90 mm)

In: **HYSTER**

Used for: FORD

REF	Qty./eng.	Remarks
		
<a href="#">PI090002STD</a>	4	STD
<a href="#">PI090002010</a>	4	0.010" oversize
<a href="#">PI090002020</a>	4	0.020" oversize
<a href="#">PI090002030</a>	4	0.030" oversize
<a href="#">SE090002STD</a>	1	STD
<a href="#">SE090002010</a>	1	0.010" oversize
<a href="#">SE090002020</a>	1	0.020" oversize
<a href="#">SE090002030</a>	1	0.030" oversize
		
<a href="#">IK090002</a>	4	
<a href="#">UK090002</a>	4	
<a href="#">KS090002</a>	8	
<a href="#">KG090002</a>	8	
		
<a href="#">1HL090002STDA</a>	4	STD shaft dia: 63,42-63,44 mm, straight
<a href="#">1HL090002010A</a>	4	0.010" undersize
<a href="#">1HL090002020A</a>	4	0.020" undersize
<a href="#">1HL090002STDB</a>	2	STD shaft dia: 63,42-63,44 mm, flanged
<a href="#">1HL090002010B</a>	2	0.010" undersize
<a href="#">1HL090002020B</a>	2	0.020" undersize
<a href="#">1HL090002040B</a>	1	0.040" undersize
<a href="#">HL090002030</a>	1	0.030" undersize
<a href="#">HL090002040</a>	1	0.040" undersize
<a href="#">1BL090002STD</a>	8	STD shaft dia: 58,36-58,38 mm
<a href="#">1BL090002010</a>	8	0.010" undersize
<a href="#">1BL090002020</a>	8	0.020" undersize
<a href="#">BL090002030</a>	4	0.030" undersize
<a href="#">BL090002040</a>	4	0.040" undersize
<a href="#">PB090002</a>	4	
		
<a href="#">KP090002</a>	1	No oil seals included, with valve seals
<a href="#">BP090002</a>	1	
<a href="#">CP090002</a>	1	

REF	Qty./eng.	Remarks
<a href="#">JC090002</a>	1	
<a href="#">KA090002</a>	8	
<a href="#">SV090002</a>	1	
<a href="#">1SA090002</a>	2	
<a href="#">KD090002</a>	1	
		
<a href="#">CB090002</a>	12	
<a href="#">VP090002</a>	1	
<a href="#">BB090002</a>	8	
<a href="#">BM090002</a>	8	
		
<a href="#">OP090002</a>	1	
<a href="#">WP090002</a>	1	Total height: 117,0 mm Total length: 238,0 mm With gasket
		
<a href="#">RW090002</a>	1	
		
<a href="#">NA090002</a>	1	
<a href="#">NT090002</a>	1	
<a href="#">KT090002</a>	1	
<a href="#">TT090002</a>	1	
		
<a href="#">OF090002</a>	1	
<a href="#">B0090002</a>	4	





Used for: FORD

Used for: FORD BSD444

Specifications: Diesel · 4 cylinders · Bore: 4.4" (111,76 mm)

In: AGRI, SANDERSON

REF	Qty./eng.	Remarks
<a href="#">PP090009</a>	4	
<a href="#">PC090009</a>	8	
<a href="#">SE090009STD</a>	4	STD
<a href="#">SE090009020</a>	4	0.020" oversize
<a href="#">SE090009030</a>	4	0.030" oversize
<a href="#">SE090009040</a>	4	0.040" oversize
<a href="#">PISE090009STD</a>	4	STD
<a href="#">PISE090009020</a>	4	0.020" oversize
<a href="#">PISE090009030</a>	4	0.030" oversize
<a href="#">PISE090009040</a>	4	0.040" oversize
<a href="#">CH090009</a>	4	
<a href="#">IK090009</a>	4	
<a href="#">UK090009</a>	4	
<a href="#">KS090009</a>	8	
<a href="#">HL090009STD</a>	1	STD
<a href="#">HL090009010</a>	1	0.010" oversize
<a href="#">HL090009020</a>	1	0.020" oversize
<a href="#">HL090009030</a>	1	0.030" oversize
<a href="#">HL090009040</a>	1	0.040" oversize
<a href="#">4BL090009STD</a>	1	STD
<a href="#">4BL090009010</a>	1	0.010" oversize
<a href="#">4BL090009020</a>	1	0.020" oversize
<a href="#">PB090009</a>	4	
<a href="#">1NL090009</a>	5	
<a href="#">BP090009</a>	1	
<a href="#">CP090009</a>	1	For cylinder head bolts: 9/16"
<a href="#">KA090009</a>	8	
<a href="#">SV090009</a>	1	
<a href="#">SA090009</a>	1	
<a href="#">KD090009</a>	1	
<a href="#">CB090009</a>	13	Thread: 9/16"
<a href="#">BB090009</a>	8	
<a href="#">BM090009</a>	8	

REF	Qty./eng.	Remarks
<a href="#">OP090009</a>	1	
<a href="#">WP090009A</a>	1	Total height: 134,3 mm Total length: 204,0 mm With gasket
<a href="#">WP090009B</a>	1	
<a href="#">WP090009C</a>	1	
<a href="#">WP090009D</a>	1	Total height: 160,0 mm Total length: 338,0 mm With gasket
<a href="#">WP090009E</a>	1	Total height: 136,2 mm Total length: 204,0 mm With gasket
<a href="#">WP090009F</a>	1	Total height: 159,0 mm Total length: 298,0 mm With gasket



Used for: FORD BSD444

Specifications: **Diesel** · 4 cylinders · Bore: 4.4" (111,76 mm)

In: **AGRI, SANDERSON**

Used for: FORD

REF	Qty./eng.	Remarks
<a href="#">NA090009</a>	1	
<a href="#">NT090009</a>	1	
<a href="#">KT090009</a>	1	
<a href="#">QF090009</a>	1	





Used for: **FORD BSD444T**

Specifications: **Diesel · 4 cylinders · Bore: 4.4" (111,76 mm)**

In: **AGRI, VALMET FORESTRY**

REF	Qty./eng.	Remarks
<a href="#">PP090010</a>	4	
<a href="#">PC090010</a>	8	
<a href="#">SE090010STD</a>	4	STD
<a href="#">SE090010020</a>	4	0.020" oversize
<a href="#">PISE090010STD</a>	4	STD
<a href="#">PISE090010020</a>	4	0.020" oversize
<a href="#">CH090010</a>	4	
<a href="#">JK090010</a>	4	
<a href="#">UK090010</a>	4	
<a href="#">KS090010</a>	8	
<a href="#">HL090010STD</a>	1	STD
<a href="#">HL090010010</a>	1	0.010" oversize
<a href="#">HL090010020</a>	1	0.020" oversize
<a href="#">HL090010030</a>	1	0.030" oversize
<a href="#">HL090010040</a>	1	0.040" oversize
<a href="#">4BL090010STD</a>	1	STD
<a href="#">4BL090010010</a>	1	0.010" oversize
<a href="#">4BL090010020</a>	1	0.020" oversize
<a href="#">PB090010</a>	4	
<a href="#">1NL090010</a>	5	
<a href="#">BP090010</a>	1	
<a href="#">CP090010</a>	1	
<a href="#">JC090010</a>	1	For cylinder head bolts: 9/16"
<a href="#">KA090010</a>	8	
<a href="#">SV090010</a>	1	
<a href="#">SA090010</a>	1	
<a href="#">KD090010</a>	1	
<a href="#">CB090010</a>	13	Thread: 9/16"
<a href="#">BB090010</a>	8	
<a href="#">BM090010</a>	8	

REF	Qty./eng.	Remarks
<a href="#">OP090010</a>	1	
<a href="#">WP090010A</a>	1	Total height: 134,3 mm Total length: 204,0 mm
<a href="#">WP090010B</a>	1	
<a href="#">WP090010C</a>	1	
<a href="#">WP090010D</a>	1	Total height: 160,0 mm Total length: 338,0 mm
<a href="#">WP090010E</a>	1	Total height: 136,2 mm Total length: 204,0 mm
<a href="#">WP090010F</a>	1	Total height: 159,0 mm Total length: 298,0 mm



Used for: **FORD BSD444T**

Specifications: **Diesel · 4 cylinders · Bore: 4.4" (111,76 mm)**

In: **AGRI, VALMET FORESTRY**

Used for: **FORD**

REF	Qty./ eng.	Remarks
<a href="#">NA090010</a>	1	
<a href="#">NT090010</a>	1	
<a href="#">KT090010</a>	1	
<a href="#">OF090010</a>	1	



Used for: FORD

Used for: FORD Genesis CPP 675T(A) - AGRI

Specifications: Diesel · 6 cylinders · Bore: 111,80 mm

In: NEW HOLLAND

REF	Qty./eng.	Remarks
<a href="#">PI090008STDA</a>	6	STD, pin dia: 44,4 mm
<a href="#">PI090008020A</a>	6	0.020" oversize, pin dia: 44,4 mm
<a href="#">PI090008030A</a>	6	0.030" oversize, pin dia: 44,4 mm
<a href="#">PI090008040A</a>	6	0.040" oversize, pin dia: 44,4 mm
<a href="#">PI090008STDB</a>	6	STD, pin dia: 41,28 mm
<a href="#">PI090008020B</a>	6	0.020" oversize, pin dia: 41,28 mm
<a href="#">PI090008030B</a>	6	0.030" oversize, pin dia: 41,28 mm
<a href="#">PI090008040B</a>	6	0.040" oversize, pin dia: 41,28 mm
<a href="#">PI090008STDC</a>	6	STD
<a href="#">PI090008020C</a>	6	0.020" oversize
<a href="#">PI090008030C</a>	6	0.030" oversize
<a href="#">PI090008040C</a>	6	0.040" oversize
<a href="#">1SE090008STDA</a>	6	STD, for piston A
<a href="#">1SE090008020A</a>	6	0.020" oversize, for piston A
<a href="#">1SE090008030A</a>	6	0.030" oversize, for piston A
<a href="#">1SE090008040A</a>	6	0.040" oversize, for piston A
<a href="#">1SE090008STDB</a>	6	STD, for piston B
<a href="#">1SE090008020B</a>	6	0.020" oversize, for piston B
<a href="#">1SE090008030B</a>	6	0.030" oversize, for piston B
<a href="#">1SE090008040B</a>	6	0.040" oversize, for piston B
<a href="#">1SE090008STDC</a>	6	STD, for piston C
<a href="#">1SE090008020C</a>	6	0.020" oversize, for piston C
<a href="#">1SE090008030C</a>	6	0.030" oversize, for piston C
<a href="#">1SE090008040C</a>	6	0.040" oversize, for piston C
<a href="#">PISE090008STDA</a>	6	STD, pin dia: 44,4 mm
<a href="#">PISE090008020A</a>	6	0.020" oversize, pin dia: 44,4 mm
<a href="#">PISE090008030A</a>	6	0.030" oversize, pin dia: 44,4 mm
<a href="#">PISE090008040A</a>	6	0.040" oversize, pin dia: 44,4 mm
<a href="#">PISE090008STDB</a>	6	STD, pin dia: 41,28 mm
<a href="#">PISE090008020B</a>	6	0.020" oversize, pin dia: 41,28 mm
<a href="#">PISE090008030B</a>	6	0.030" oversize, pin dia: 41,28 mm
<a href="#">PISE090008040B</a>	6	0.040" oversize, pin dia: 41,28 mm
<a href="#">PISE090008STDC</a>	6	STD

REF	Qty./eng.	Remarks
<a href="#">PISE090008020C</a>	6	0.020" oversize
<a href="#">PISE090008030C</a>	6	0.030" oversize
<a href="#">PISE090008040C</a>	6	0.040" oversize
<a href="#">CH090008STD</a>	6	Semi-Finished
<a href="#">AS090008A</a>	6	Includes piston A
<a href="#">AS090008B</a>	6	Includes piston B
<a href="#">AS090008C</a>	6	Includes piston C
<a href="#">IK090008A</a>	6	>05/04/2000
<a href="#">IK090008B</a>	6	06/04/2000>
<a href="#">UK090008A</a>	6	>05/04/2000
<a href="#">UK090008B</a>	6	06/04/2000>
<a href="#">KS090008</a>	12	
<a href="#">HL090008STD</a>	1	STD
<a href="#">HL090008010</a>	1	0.010" oversize AL included
<a href="#">HL090008020</a>	1	0.020" oversize AL included
<a href="#">HL090008030</a>	1	0.030" oversize AL included
<a href="#">HL090008040</a>	1	0.040" oversize AL included
<a href="#">BL090008STD</a>	6	STD
<a href="#">BL090008010</a>	6	0.010" oversize
<a href="#">BL090008020</a>	6	0.020" oversize
<a href="#">BL090008030</a>	6	0.030" oversize
<a href="#">BL090008040</a>	6	0.040" oversize
<a href="#">PB090008A</a>	6	01/09/1995>31/12/1995, TM series
<a href="#">PB090008B</a>	6	
<a href="#">NL090008A</a>	1	Semi-finished
<a href="#">NL090008B</a>	1	Fully finished
<a href="#">BP090008</a>	1	
<a href="#">CP090008</a>	1	
<a href="#">JC090008</a>	1	
<a href="#">KA090008A</a>	1	
<a href="#">KA090008B</a>	1	
<a href="#">SV090008</a>	1	



Used for: FORD Genesis CPP 675T(A) - AGRI

Specifications: Diesel · 6 cylinders · Bore: 111,80 mm

In: NEW HOLLAND

Used for: FORD


REF	Qty./eng.	Remarks	
<a href="#">SA090008</a>	1		
<a href="#">KD090008</a>	1		
<a href="#">BB090008</a>	12		
<a href="#">OP090008</a>	1		
<a href="#">WP090008</a>	1	Total height: 190,0 mm Total length: 337,0 mm	Without gasket
<a href="#">RW090008</a>	1		
<a href="#">KT090008</a>	1		
<a href="#">OF090008</a>	1		
<a href="#">IT090008A</a>	6	DLLA 140P 390	
<a href="#">IT090008B</a>	6	DLLA 135P 539	
<a href="#">IT090008C</a>	6	DLLA 140P 389	

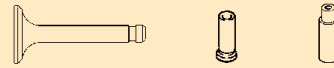


Used for: FORD Powerstar 450(T) - AGRI

Specifications: Diesel · 4 cylinders · Bore: 111,80 mm

In: NEW HOLLAND

REF	Qty./eng.	Remarks
		
<a href="#">PI090004STDA</a>	4	STD; TS80, TS90, TS90 (Brasil)
<a href="#">PI090004020A</a>	4	0.020" oversize; TS80, TS90, TS90 (Brasil)
<a href="#">PI090004030A</a>	4	0.030" oversize; TS80, TS90, TS90 (Brasil)
<a href="#">PI090004040A</a>	4	0.040" oversize; TS80, TS90, TS90 (Brasil)
<a href="#">PI090004STDB</a>	4	STD; 450; TS90E
<a href="#">PI090004020B</a>	4	0.020" oversize; 450; TS90E
<a href="#">PI090004030B</a>	4	0.030" oversize; 450; TS90E
<a href="#">PI090004040B</a>	4	0.040" oversize; 450; TS90E
<a href="#">PI090004STDC</a>	4	STD; TS100 (Brasil)
<a href="#">PI090004020C</a>	4	0.020" oversize; TS100 (Brasil)
<a href="#">PI090004030C</a>	4	0.030" oversize; TS100 (Brasil)
<a href="#">PI090004040C</a>	4	0.040" oversize; TS100 (Brasil)
<a href="#">PI090004STDD</a>	4	STD; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
<a href="#">PI090004020D</a>	4	0.020" oversize; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
<a href="#">PI090004030D</a>	4	0.030" oversize; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
<a href="#">PI090004040D</a>	4	0.040" oversize; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
<a href="#">1SE090004STDA</a>	4	STD; TS80, TS90, TS90 (Brasil)
<a href="#">1SE090004020A</a>	4	0.020" oversize; TS80, TS90, TS90 (Brasil)
<a href="#">1SE090004030A</a>	4	0.030" oversize; TS80, TS90, TS90 (Brasil)
<a href="#">1SE090004040A</a>	4	0.040" oversize; TS80, TS90, TS90 (Brasil)
<a href="#">1SE090004STDB</a>	4	STD; 450; TS90E
<a href="#">1SE090004020B</a>	4	0.020" oversize; 450; TS90E
<a href="#">1SE090004030B</a>	4	0.030" oversize; 450; TS90E
<a href="#">1SE090004030B</a>	4	0.040" oversize; 450; TS90E
<a href="#">1SE090004STDC</a>	4	STD; TS100 (Brasil)
<a href="#">1SE090004020C</a>	4	0.020" oversize; TS100 (Brasil)
<a href="#">1SE090004030C</a>	4	0.030" oversize; TS100 (Brasil)
<a href="#">1SE090004040C</a>	4	0.040" oversize; TS100 (Brasil)

REF	Qty./eng.	Remarks
<a href="#">1SE090004STDD</a>	4	STD; TS100, TS100E (Brasil) 450T ; TS110, TS110 (Brasil)
<a href="#">1SE090004020D</a>	4	0.020" oversize; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
<a href="#">1SE090004030D</a>	4	0.030" oversize; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
<a href="#">1SE090004040D</a>	4	0.040" oversize; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
<a href="#">PISE090004STDA</a>	4	STD; TS80, TS90, TS90 (Brasil)
<a href="#">PISE090004020A</a>	4	0.020" oversize; TS80, TS90, TS90 (Brasil)
<a href="#">PISE090004030A</a>	4	0.030" oversize; TS80, TS90, TS90 (Brasil)
<a href="#">PISE090004040A</a>	4	0.040" oversize; TS80, TS90, TS90 (Brasil)
<a href="#">PISE090004STDB</a>	4	STD; 450; TS90E
<a href="#">PISE090004020B</a>	4	0.020" oversize; 450; TS90E
<a href="#">PISE090004030B</a>	4	0.030" oversize; 450; TS90E
<a href="#">PISE090004040B</a>	4	0.040" oversize; 450; TS90E
<a href="#">PISE090004STDC</a>	4	STD; TS100 (Brasil)
<a href="#">PISE090004020C</a>	4	0.020" oversize; TS100 (Brasil)
<a href="#">PISE090004030C</a>	4	0.030" oversize; TS100 (Brasil)
<a href="#">PISE090004040C</a>	4	0.040" oversize; TS100 (Brasil)
<a href="#">PISE090004STDD</a>	4	STD ; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
<a href="#">PISE090004020D</a>	4	0.020" oversize; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
<a href="#">PISE090004030D</a>	4	0.030" oversize; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
<a href="#">PISE090004040D</a>	4	0.040" oversize; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
<a href="#">CH090004STD</a>	4	Semi-finished
<a href="#">AS090004A</a>	4	TS80, TS90, TS90 (Brasil)
<a href="#">AS090004B</a>	4	450; TS90E
<a href="#">AS090004C</a>	4	450; TS100 (Brasil)
<a href="#">AS090004D</a>	4	450T ; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
		
<a href="#">IK090004A</a>	4	TS80, TS90, TS90E (->C4906), TS90 (Brasil)
<a href="#">IK090004B</a>	4	TS80, TS90, TS90E , (D4906>)



Used for: FORD Powerstar 450(T) - AGRI

Specifications: **Diesel · 4 cylinders · Bore: 111,80 mm**

In: **NEW HOLLAND**

REF	Qty./eng.	Remarks
<a href="#">IK090004C</a>	4	TS100, TS110 (>C4906) TS100 (Brasil), TS100E (Brasil), TS110 (Brasil)
<a href="#">IK090004D</a>	4	TS100, TS110 (D4906>)
<a href="#">UK090004A</a>	4	TS80, TS90, TS90E (>C4906), TS90 (Brasil)
<a href="#">UK090004B</a>	4	TS80, TS90, TS90E, (D4906>)
<a href="#">UK090004C</a>	4	TS100, TS110 (>C4906) TS100 (Brasil), TS100E (Brasil), TS110 (Brasil)
<a href="#">UK090004D</a>	4	TS100, TS110 (D4906>)
<a href="#">KS090004A</a>	8	
<a href="#">KS090004B</a>	8	
<a href="#">HL090004STD</a>		
<a href="#">HL090004010</a>		
<a href="#">HL090004020</a>		
<a href="#">HL090004030</a>		
<a href="#">HL090004040</a>		
<a href="#">BL090004STDA</a>	4	STD, Powerstar 450
<a href="#">BL090004010A</a>	4	0.010" oversize; Powerstar 450
<a href="#">BL090004020A</a>	4	0.020" oversize; Powerstar 450
<a href="#">BL090004030A</a>	4	0.030" oversize; Powerstar 450
<a href="#">BL090004040A</a>	4	0.040" oversize; Powerstar 450
<a href="#">BL090004STDB</a>	4	STD, Powerstar 450T
<a href="#">BL090004010B</a>	4	0.010" oversize; Powerstar 450T
<a href="#">BL090004020B</a>	4	0.020" oversize; Powerstar 450T
<a href="#">BL090004030B</a>	4	0.030" oversize; Powerstar 450T
<a href="#">BL090004040B</a>	4	0.040" oversize; Powerstar 450T
<a href="#">PB090004A</a>	4	Powerstar 450
<a href="#">PB090004B</a>	4	Powerstar 450T
<a href="#">NL090004A</a>	1	Semi-finished
<a href="#">NL090004B</a>	1	Fully finished
<a href="#">BP090004</a>	1	
<a href="#">CP090004</a>	1	
<a href="#">JC090004</a>	1	

REF	Qty./eng.	Remarks
<a href="#">KA090004A</a>	1	
<a href="#">KA090004B</a>	1	
<a href="#">SV090004</a>	1	
<a href="#">SA090004</a>	1	
<a href="#">KD090004</a>	1	
<a href="#">BB090004</a>	8	
<a href="#">OP090004</a>	1	
<a href="#">WP090004A</a>	1	Powerstar 450
<a href="#">WP090004B</a>	1	Powerstar 450T
<a href="#">RW090004A</a>	1	Powerstar 450
<a href="#">RW090004B</a>	1	Powerstar 450T
<a href="#">OF090004</a>	1	
<a href="#">IT090004A</a>	4	6801134
<a href="#">IT090004B</a>	4	6801133
<a href="#">IT090004C</a>	4	LP054 B, for injector 87801167
<a href="#">IT090004D</a>	4	L067 PBA, for injector 87801043



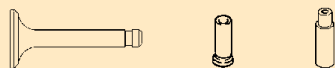


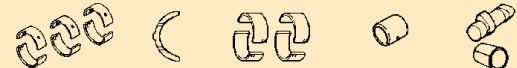
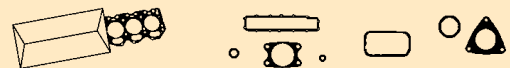
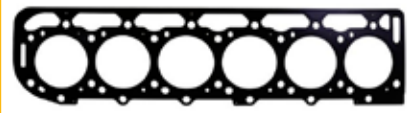
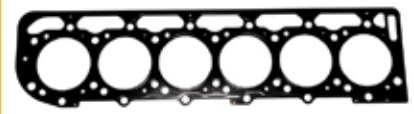
Used for: FORD

Used for: FORD Powerstar 675 - AGRI

Specifications: Diesel · 6 cylinders · Bore: 111,80 mm

In: NEW HOLLAND

REF	Qty./eng.	Remarks
		
<a href="#">PI090005STDA</a>	6	STD
<a href="#">PI090005020A</a>	6	0.020" oversize
<a href="#">PI090005030A</a>	6	0.030" oversize
<a href="#">PI090005040A</a>	6	0.040" oversize
<a href="#">PI090005STDB</a>	6	STD; TS115 (>SN170077)
<a href="#">PI090005020B</a>	6	0.020" oversize; TS115 (>SN170077)
<a href="#">PI090005030B</a>	6	0.030" oversize; TS115 (>SN170077)
<a href="#">PI090005040B</a>	6	0.040" oversize; TS115 (>SN170077)
<a href="#">1SE090005STDA</a>	6	STD
<a href="#">1SE090005020A</a>	6	0.020" oversize
<a href="#">1SE090005030A</a>	6	0.030" oversize
<a href="#">1SE090005040A</a>	6	0.040" oversize
<a href="#">1SE090005STDB</a>	6	STD; TS115 (>SN170077)
<a href="#">1SE090005020B</a>	6	0.020" oversize; TS115 (>SN170077)
<a href="#">1SE090005030B</a>	6	0.030" oversize; TS115 (>SN170077)
<a href="#">1SE090005040B</a>	6	0.040" oversize; TS115 (>SN170077)
<a href="#">PISE090005STDA</a>	6	STD
<a href="#">PISE090005020A</a>	6	0.020" oversize
<a href="#">PISE090005030A</a>	6	0.030" oversize
<a href="#">PISE090005040A</a>	6	0.040" oversize
<a href="#">PISE090005STDB</a>	6	STD; TS115 (>SN170077)
<a href="#">PISE090005020B</a>	6	0.020" oversize; TS115 (>SN170077)
<a href="#">PISE090005030B</a>	6	0.030" oversize; TS115 (>SN170077)
<a href="#">PISE090005040B</a>	6	0.040" oversize; TS115 (>SN170077)
<a href="#">CH090005STD</a>	6	
<a href="#">AS090005A</a>	6	
<a href="#">AS090005B</a>	6	TS115 (>SN170077)
		
<a href="#">IK090005A</a>	6	
<a href="#">IK090005B</a>	6	
<a href="#">IK090005C</a>	6	
<a href="#">UK090005A</a>	6	
<a href="#">UK090005B</a>	6	
<a href="#">UK090005C</a>	6	
<a href="#">KS090005A</a>	12	
<a href="#">KS090005B</a>	12	TM115, TS115, TS115E (D4906>);

REF	Qty./eng.	Remarks
		
<a href="#">HL090005STD</a>	1	STD
<a href="#">HL090005010</a>	1	0.010" oversize AL included
<a href="#">HL090005020</a>	1	0.020" oversize AL included
<a href="#">HL090005030</a>	1	0.030" oversize AL included
<a href="#">HL090005040</a>	1	0.040" oversize AL included
<a href="#">BL090005STDA</a>	6	STD; TM115
<a href="#">BL090005010A</a>	6	0.010" oversize; TM115
<a href="#">BL090005020A</a>	6	0.020" oversize; TM115
<a href="#">BL090005030A</a>	6	0.030" oversize; TM115
<a href="#">BL090005040A</a>	6	0.040" oversize; TM115
<a href="#">BL090005STDB</a>	6	STD
<a href="#">BL090005010B</a>	6	0.010" oversize
<a href="#">BL090005020B</a>	6	0.020" oversize
<a href="#">BL090005030B</a>	6	0.030" oversize
<a href="#">BL090005040B</a>	6	0.040" oversize
<a href="#">PB090005</a>	6	
<a href="#">NL090005A</a>	1	Semi-finished
<a href="#">NL090005B</a>	1	Fully finished
		
<a href="#">BP090005A</a>	1	
<a href="#">BP090005B</a>	1	8360, 8560, M135, M160
<a href="#">CP090005A</a>	1	
<a href="#">CP090005B</a>	1	TS115, TS115E, TS120 (Brasil)
<a href="#">JC090005A</a>	1	
<a href="#">JC090005B</a>	1	8360, 8560, M135, M160 
<a href="#">KA090005A</a>	1	For IKA and UKA
<a href="#">KA090005B</a>	1	For IKB and UKB
<a href="#">KA090005C</a>	1	For IKC and UKC
<a href="#">SV090005</a>	1	
<a href="#">SA090005</a>	1	
<a href="#">KD090005</a>	1	



Used for: FORD Powerstar 675 - AGRI

Specifications: Diesel · 6 cylinders · Bore: 111,80 mm

In: NEW HOLLAND

Used for: FORD

REF	Qty./eng.	Remarks
<a href="#">BB090005</a>	12	
<a href="#">OP090005</a>	1	
<a href="#">WP090005A</a>	1	
<a href="#">WP090005B</a>	1	TM130 (Brasil), TM140 (Brasil) TM150, TM165
<a href="#">WP090005C</a>	1	TS115, TS115E , TS120 (Brasil)
<a href="#">RW090005A</a>	1	For WPA
<a href="#">RW090005B</a>	1	For WPB
<a href="#">RW090005C</a>	1	TS115, TS115E , TS120 (Brasil)
<a href="#">KT090005A</a>	1	TM110 (Brasil), TM120 (Brasil), TM130 (Brasil), TM115
<a href="#">KT090005B</a>	1	TS115, TS115E, TS120 (Brasil)
<a href="#">OF090005</a>	1	

REF	Qty./eng.	Remarks
<a href="#">IT090005A</a>	6	DLLA 143P 471
<a href="#">IT090005B</a>	6	DLLA 143P 485
<a href="#">IT090005C</a>	6	6801135
<a href="#">IT090005D</a>	6	LP054 B
<a href="#">IT090005E</a>	6	L067 PBA


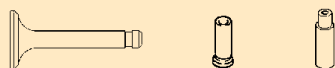
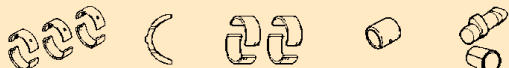


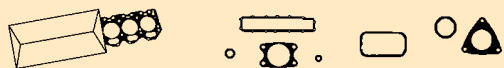






Used for: FORD

Used for: FORD Powerstar 675T - AGRI

Specifications: Diesel · 6 cylinders · Bore: 111,80 mm

In: NEW HOLLAND

REF	Qty./eng.	Remarks
		
<a href="#">PI090006STD</a>	6	STD
<a href="#">PI090006020</a>	6	0.020" oversize
<a href="#">PI090006030</a>	6	0.030" oversize
<a href="#">PI090006040</a>	6	0.040" oversize
<a href="#">1SE090006STD</a>	6	STD
<a href="#">1SE090006020</a>	6	0.020" oversize
<a href="#">1SE090006030</a>	6	0.030" oversize
<a href="#">1SE090006040</a>	6	0.040" oversize
<a href="#">PISE090006STD</a>	6	STD
<a href="#">PISE090006020</a>	6	0.020" oversize
<a href="#">PISE090006030</a>	6	0.030" oversize
<a href="#">PISE090006040</a>	6	0.040" oversize
<a href="#">CH090006STD</a>	6	
<a href="#">AS090006</a>	6	
		
<a href="#">IK090006A</a>	6	
<a href="#">IK090006B</a>	6	
<a href="#">UK090006A</a>	6	
<a href="#">UK090006B</a>	6	
<a href="#">KS090006A</a>	12	
<a href="#">KS090006B</a>	12	
		
<a href="#">HL090006STD</a>	1	STD
<a href="#">HL090006010</a>	1	0.010" AL included
<a href="#">HL090006020</a>	1	0.020" AL included
<a href="#">HL090006030</a>	1	0.030" AL included
<a href="#">HL090006040</a>	1	0.040" AL included
<a href="#">BL090006STDA</a>	6	STD
<a href="#">BL090006010A</a>	6	0.010" oversize
<a href="#">BL090006020A</a>	6	0.020" oversize
<a href="#">BL090006030A</a>	6	0.030" oversize
<a href="#">BL090006040A</a>	6	0.040" oversize
<a href="#">BL090006STDB</a>	6	STD
<a href="#">BL090006010B</a>	6	0.010" oversize
<a href="#">BL090006020B</a>	6	0.020" oversize
<a href="#">BL090006030B</a>	6	0.030" oversize
<a href="#">BL090006040B</a>	6	0.040" oversize
<a href="#">PB090006A</a>	6	
<a href="#">PB090006B</a>	6	
<a href="#">NL090006A</a>	1	Semi-finished
<a href="#">NL090006B</a>	1	Fully finished




REF	Qty./eng.	Remarks
		
<a href="#">KP090006</a>	1	TM135, TM140, TM150, TM165, TM180 (Brasil)
<a href="#">BP090006</a>	1	
<a href="#">CP090006</a>	1	
<a href="#">JC090006</a>	1	
<a href="#">KA090006A</a>	1	
<a href="#">KA090006B</a>	1	
<a href="#">SV090006</a>	1	
<a href="#">SA090006</a>	1	
<a href="#">KD090006</a>	1	
		
<a href="#">BB090006</a>	12	
		
<a href="#">OP090006</a>	1	
<a href="#">WP090006A</a>	1	8360, 8560, M135, M1610 
<a href="#">WP090006B</a>	1	TM135 (Brasil) 



Used for: FORD Powerstar 675T - AGRI

Specifications: Diesel · 6 cylinders · Bore: 111,80 mm

In: NEW HOLLAND

REF	Qty./eng.	Remarks
<a href="#">WP090006C</a>	1	TM150 (Brasil), TM165 (Brasil), TM180 (Brasil) 
<a href="#">RW090006A</a>	1	For WPA
<a href="#">RW090006B</a>	1	For WPB
<a href="#">RW090006C</a>	1	For WPC
		
<a href="#">KT090006</a>	1	
		
<a href="#">OF090006</a>	1	
<a href="#">IT090006A</a>	6	DLLA 143P 471
<a href="#">IT090006B</a>	6	DLLA 143P 485

Used for: FORD



Used for: FORD

Used for: **FORD Powerstar 675TA - AGRI**

Specifications: **Diesel · 6 cylinders · Bore: 111,80 mm**

In: **NEW HOLLAND**

REF	Qty./eng.	Remarks
<a href="#">PI090007STDA</a>	6	STD
<a href="#">PI090007020A</a>	6	0.020" oversize
<a href="#">PI090007030A</a>	6	0.030" oversize
<a href="#">PI090007040A</a>	6	0.040" oversize
<a href="#">PI090007STDB</a>	6	STD; TM175 (D4874>), TM190 (D4874>)
<a href="#">PI090007020B</a>	6	0.020" oversize; TM175 (D4874>), TM190 (D4874>)
<a href="#">PI090007030B</a>	6	0.030" oversize; TM175 (D4874>), TM190 (D4874>)
<a href="#">PI090007040B</a>	6	0.040" oversize; TM175 (D4874>), TM190 (D4874>)
<a href="#">1SE090007STDA</a>	6	STD
<a href="#">1SE090007020A</a>	6	0.020" oversize
<a href="#">1SE090007030A</a>	6	0.030" oversize
<a href="#">1SE090007040A</a>	6	0.040" oversize
<a href="#">1SE090007STDB</a>	6	STD
<a href="#">1SE090007020B</a>	6	0.020" oversize
<a href="#">1SE090007030B</a>	6	0.030" oversize
<a href="#">1SE090007040B</a>	6	0.040" oversize
<a href="#">PISE090007STDA</a>	6	STD
<a href="#">PISE090007020A</a>	6	0.020" oversize
<a href="#">PISE090007030A</a>	6	0.030" oversize
<a href="#">PISE090007040A</a>	6	0.040" oversize
<a href="#">PISE090007STDB</a>	6	STD; TM175 (D4874>), TM190 (D4874>)
<a href="#">PISE090007020B</a>	6	0.020" oversize; TM175 (D4874>), TM190 (D4874>)
<a href="#">PISE090007030B</a>	6	0.030" oversize; TM175 (D4874>), TM190 (D4874>)
<a href="#">PISE090007040B</a>	6	0.040" oversize; TM175 (D4874>), TM190 (D4874>)
<a href="#">CH090007STD</a>	6	
<a href="#">AS090007A</a>	6	Includes piston A
<a href="#">AS090007B</a>	6	Includes piston B
<a href="#">IK090007</a>	6	
<a href="#">UK090007</a>	6	
<a href="#">KS090007</a>	12	
<a href="#">HL090007STDA</a>	1	STD; TM120, TM130, TM140, TM155,
<a href="#">HL090007010A</a>	1	0.010" oversize; TM120, TM130, TM140, TM155,
<a href="#">HL090007020A</a>	1	0.020" oversize; TM120, TM130, TM140, TM155,

REF	Qty./eng.	Remarks
<a href="#">HL090007030A</a>	1	0.030" oversize; TM120, TM130, TM140, TM155,
<a href="#">HL090007040A</a>	1	0.040" oversize; TM120, TM130, TM140, TM155,
<a href="#">HL090007STDB</a>	1	STD; TM175, TM190
<a href="#">HL090007010B</a>	1	0.010" oversize; TM175, TM190
<a href="#">HL090007020B</a>	1	0.020" oversize; TM175, TM190
<a href="#">HL090007030B</a>	1	0.030" oversize; TM175, TM190
<a href="#">HL090007040B</a>	1	0.040" oversize; TM175, TM190
<a href="#">BL090007STDA</a>	6	STD
<a href="#">BL090007010A</a>	6	0.010" oversize
<a href="#">BL090007020A</a>	6	0.020" oversize
<a href="#">BL090007030A</a>	6	0.030" oversize
<a href="#">BL090007040A</a>	6	0.040" oversize
<a href="#">PB090007A</a>	6	
<a href="#">PB090007C</a>	6	
<a href="#">NL090007A</a>	1	Semi-finished
<a href="#">NL090007B</a>	1	Fully finished
<a href="#">KP090007A</a>	1	TM120, TM130
<a href="#">KP090007B</a>	1	TM140, TM155, TM175, TM190
<a href="#">BP090007A</a>	1	TM120, TM130
<a href="#">BP090007B</a>	1	TM140, TM155, TM175, TM190
<a href="#">CP090007</a>	1	
<a href="#">JC090007A</a>	1	
<a href="#">JC090007B</a>	1	
<a href="#">KA090007</a>	1	
<a href="#">SV090007</a>	1	
<a href="#">SA090007A</a>	1	
<a href="#">SA090007B</a>	1	
<a href="#">KD090007</a>	1	
<a href="#">BB090007</a>	12	



Used for: **FORD Powerstar 675TA - AGRI**

Specifications: **Diesel · 6 cylinders · Bore: 111,80 mm**

In: **NEW HOLLAND**

REF	Qty./eng.	Remarks
<a href="#"><u>OP090007</u></a>	1	
<a href="#"><u>WP090007A</u></a>	1	
<a href="#"><u>WP090007B</u></a>	1	
<a href="#"><u>RW090007A</u></a>	1	For WPA
<a href="#"><u>RW090007B</u></a>	1	For WPB
<a href="#"><u>KT090007</u></a>	1	
<a href="#"><u>OF090007</u></a>	1	
<a href="#"><u>IT090007A</u></a>	6	DSLA 143P 1154
<a href="#"><u>IT090007B</u></a>	6	DSLA 143P 1364





USED FOR  
**GM**



Used for: GM

Used for: **GM 2.2L**

Specifications: **Gasoline · 4 cylinders · Bore: 89,00 mm**

In: **HYSTER**

REF	Qty./eng.	Remarks
<a href="#">PI556005STD</a>	4	STD
<a href="#">PI556005050</a>	4	0,500 mm oversize
<a href="#">PI556005100</a>	4	1,000 mm oversize
<a href="#">SE556005STD</a>	1	STD
<a href="#">SE556005050</a>	1	0,500 mm oversize
<a href="#">SE556005100</a>	1	1,000 mm oversize
<a href="#">IK556005A</a>	4	Oversize dia: 7,0 mm
<a href="#">IK556005B</a>	4	Oversize dia: 8,0 mm
<a href="#">UK556005A</a>	4	Oversize dia: 7,0 mm
<a href="#">UK556005B</a>	4	Oversize dia: 8,0 mm
<a href="#">KS556005</a>	8	
<a href="#">IG556005A</a>	4	Dia: 7,0 mm
<a href="#">IG556005B</a>	4	Dia: 8,0 mm (NLA)
<a href="#">UG556005A</a>	4	Dia: 7,0 mm
<a href="#">UG556005B</a>	4	Dia: 8,0 mm (NLA)
<a href="#">HL556005STD</a>	1	STD
<a href="#">HL556005025</a>	1	0,250 mm undersize
<a href="#">HL556005050</a>	1	0,500 mm undersize
<a href="#">HL556005075</a>	1	0,750 mm undersize
<a href="#">BL556005STD</a>	4	STD
<a href="#">BL556005025</a>	4	0,250 mm undersize
<a href="#">BL556005050</a>	4	0,500 mm undersize
<a href="#">BL556005075</a>	4	0,750 mm undersize
<a href="#">BL556005100</a>	4	1,000 mm undersize
<a href="#">BL556005125</a>	4	1,250 mm undersize
<a href="#">1NL556005A</a>	1	Dia: 51,3 mm
<a href="#">1NL556005B</a>	2	Dia: 51,0 mm
<a href="#">1NL556005C</a>	2	Dia: 50,9 mm
<a href="#">KP556005</a>	1	With KA dia: 8,0 mm
<a href="#">BP556005</a>	1	With KA dia: 8,0 mm
<a href="#">JC556005</a>	1	
<a href="#">KA556005A</a>	8	Dia: 7,0 mm
<a href="#">KA556005B</a>	8	Dia: 8,0 mm

REF	Qty./eng.	Remarks
<a href="#">SV556005</a>	1	
<a href="#">SA556005</a>	1	
<a href="#">KD556005</a>	1	
<a href="#">CB556005SET</a>	1	
<a href="#">CB556005A</a>	1	Short; length: 94,0 mm
<a href="#">CB556005B</a>	5	Long; length: 126,0 mm
<a href="#">CB556005C</a>	4	With stud
<a href="#">VP556005</a>	1	
<a href="#">BB556005</a>	8	
<a href="#">BM556005</a>	8	
<a href="#">OP556005</a>	1	
<a href="#">WP556005</a>	1	Total height: 86,0 mm Total length: 190,0 mm With gasket
<a href="#">NA556005</a>	1	
<a href="#">NT556005</a>	1	
<a href="#">DK556005</a>	1	
<a href="#">SK556005</a>	1	
<a href="#">OF556005</a>	1	
<a href="#">B0556005</a>	4	



Used for: **GM 3.0L**

Specifications: **Gasoline/LPG · 4 cylinders · Bore: 4" (101,60 mm)**

In: **HYSTER, YALE, TOYOTA, CATERPILLAR, MITSUBISHI, JCB, ...**

Used for: GM

REF	Qty./eng.	Remarks
<a href="#">4PI556006STDA</a>	1	STD; well
<a href="#">4PI556006020A</a>	1	0.020" oversize; well
<a href="#">4PI556006030A</a>	1	0.030" oversize; well
<a href="#">PI556006STDB</a>	4	STD; flat
<a href="#">PI556006020B</a>	4	0.020" oversize; flat
<a href="#">SE556006STD</a>	1	STD
<a href="#">SE556006020</a>	1	0.020" oversize
<a href="#">SE556006030</a>	1	0.030" oversize
<a href="#">CH556006</a>	4	
<a href="#">IK556006STD</a>	4	STD; oversize dia: 8,65 mm
<a href="#">IK556006003</a>	4	0.003" oversize, dia: 8,8 mm
<a href="#">IK556006015</a>	4	0.015" oversize, dia: 9,1 mm
<a href="#">IK556006030</a>	4	0.030" oversize, dia: 9,5 mm
<a href="#">UK556006STD</a>	4	STD; oversize dia: 8,65 mm
<a href="#">UK556006003</a>	4	0.003" oversize, dia: 8,8 mm
<a href="#">UK556006015</a>	4	0.015" oversize, dia: 9,1 mm
<a href="#">UK556006030</a>	4	0.030" oversize, dia: 9,5 mm
<a href="#">KS556006</a>	8	
<a href="#">HL556006STD</a>	1	STD
<a href="#">HL556006010</a>	1	0.010" undersize
<a href="#">HL556006020</a>	1	0.020" undersize
<a href="#">HL556006030</a>	1	0.030" undersize
<a href="#">HL556006040</a>	1	0.040" undersize
<a href="#">BL556006STDA</a>	4	STD; width: 21,3 mm
<a href="#">BL556006010A</a>	4	0.010" undersize; width: 21,3 mm
<a href="#">BL556006020A</a>	4	0.020" undersize; width: 21,3 mm
<a href="#">BL556006STDB</a>	4	STD; width: 19,1 mm
<a href="#">1NL556006</a>	3	
<a href="#">KP556006</a>	1	
<a href="#">JC556006</a>	1	
<a href="#">KA556006</a>	8	

REF	Qty./eng.	Remarks
<a href="#">SV556006</a>	1	
<a href="#">SA556006</a>	1	
<a href="#">KD556006A</a>	1	
<a href="#">KD556006B</a>	1	
<a href="#">CB556006</a>	10	
<a href="#">VP556006</a>	1	
<a href="#">BB556006</a>	8	
<a href="#">BM556006</a>	8	
<a href="#">OP556006</a>	1	
<a href="#">WP556006A</a>	1	Total height: 128,0 mm Total length: 214,0 mm Axle dia 16 mm Flange holes dia 38 mm
<a href="#">WP556006B</a>	1	Total height: 115,0 mm Total length: 215,0 mm Axle dia 18,9 mm Flange holes dia 34 mm
<a href="#">NA556006</a>	1	
<a href="#">NT556006</a>	1	
<a href="#">KT556006</a>	1	
<a href="#">OF556006</a>	1	
<a href="#">B0556006</a>	4	



Used for: GM

Used for: **GM 4153**

Specifications: **Gasoline · 4 cylinders · Bore: 3 7/8" (98,40 mm)**

In: **HYSTER**

REF	Qty./eng.	Remarks
<a href="#">PI556002STD</a>	4	STD
<a href="#">PI556002030</a>	4	0.030" oversize
<a href="#">1SE556002STD</a>	4	STD
<a href="#">1SE556002030</a>	4	0.030" oversize
<a href="#">1SE556002040</a>	4	0.040" oversize
<a href="#">1SE556002060</a>	4	0.060" oversize
<a href="#">IK556002STD</a>	4	STD
<a href="#">IK556002003</a>	4	0.003" oversize
<a href="#">IK556002015</a>	4	0.015" oversize
<a href="#">IK556002030</a>	4	0.030" oversize
<a href="#">IK556002045</a>	4	0.045" oversize
<a href="#">UK556002STD</a>	4	STD
<a href="#">UK556002003</a>	4	0.003" oversize
<a href="#">UK556002015</a>	4	0.015" oversize
<a href="#">UK556002030</a>	4	0.030" oversize
<a href="#">UK556002045</a>	4	0.045" oversize
<a href="#">KS556002</a>	8	
<a href="#">2HL556002STDA</a>	1	STD shaft dia: 58,38 mm - 58,40 mm, flanged
<a href="#">2HL556002010A</a>	1	0.010" undersize
<a href="#">2HL556002020A</a>	1	0.010" undersize
<a href="#">2HL556002030A</a>	1	0.030" undersize
<a href="#">2HL556002STDB</a>	4	STD shaft dia: 58,38 mm - 58,40 mm, straight
<a href="#">2HL556002010B</a>	4	0.010" undersize
<a href="#">2HL556002020B</a>	4	0.020" undersize
<a href="#">2HL556002030B</a>	4	0.030" undersize
<a href="#">BL556002STD</a>	4	STD shaft dia: 50,77 mm - 50,88 mm
<a href="#">BL556002010</a>	4	0.010" undersize
<a href="#">BL556002020</a>	4	0.020" undersize
<a href="#">1NL556002STD</a>	3	
<a href="#">BP556002</a>	1	
<a href="#">CP556002</a>	1	
<a href="#">JC556002</a>	1	

REF	Qty./eng.	Remarks
<a href="#">DP556002</a>	1	
<a href="#">KA556002</a>	8	
<a href="#">SV556002</a>	1	
<a href="#">1SA556002</a>	2	
<a href="#">KD556002</a>	1	
<a href="#">CB556002</a>	10	
<a href="#">VP556002</a>	1	
<a href="#">BB556002</a>	8	
<a href="#">BM556002</a>	8	
<a href="#">OP556002</a>	1	
<a href="#">WP556002</a>	1	Total height: 128,0 mm Total length: 214,0 mm With gasket
<a href="#">NA556002</a>	1	
<a href="#">NT556002</a>	1	
<a href="#">KT556002</a>	1	
<a href="#">OF556002</a>	1	
<a href="#">B0556002A</a>	4	Type: T16 RU
<a href="#">B0556002B</a>	4	Type: T20 PU
<a href="#">B0556002C</a>	4	Type: T16 PU



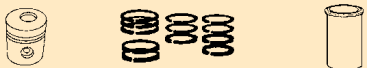
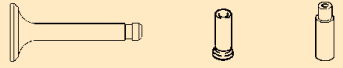
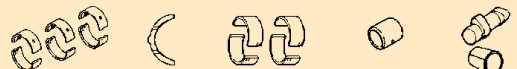


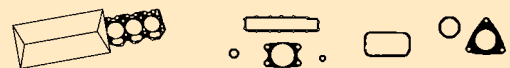







Used for: GM 4181

Specifications: **Gasoline · 4 cylinders · Bore: 4" (101,60 mm)**

In: **HYSTER**

Used for: GM

REF	Qty./eng.	Remarks
		
<a href="#">PI556001STD</a>	4	STD
<a href="#">PI556001020</a>	4	0.020" oversize
<a href="#">PI556001030</a>	4	0.030" oversize
<a href="#">PI556001040</a>	4	0.040" oversize
<a href="#">PI556001060</a>	4	0.060" oversize
<a href="#">1SE556001STD</a>	4	STD
<a href="#">1SE556001020</a>	4	0.020" oversize
<a href="#">1SE556001030</a>	4	0.030" oversize
<a href="#">1SE556001040</a>	4	0.040" oversize
<a href="#">1SE556001060</a>	4	0.060" oversize
<a href="#">CH556001</a>	4	
		
<a href="#">IK556001STD</a>	4	STD
<a href="#">IK556001003</a>	4	0.003" oversize
<a href="#">IK556001015</a>	4	0.015" oversize
<a href="#">IK556001030</a>	4	0.030" oversize
<a href="#">IK556001045</a>	4	0.045" oversize
<a href="#">UK556001STD</a>	4	STD
<a href="#">UK556001003</a>	4	0.003" oversize
<a href="#">UK556001015</a>	4	0.015" oversize
<a href="#">UK556001030</a>	4	0.030" oversize
<a href="#">UK556001045</a>	4	0.045" oversize
<a href="#">KS556001</a>	8	
		
<a href="#">2HL556001STDA</a>	1	STD shaft dia: 58,38 mm - 58,40 mm, flanged
<a href="#">2HL556001010A</a>	1	0.010" undersize
<a href="#">2HL556001020A</a>	1	0.020" undersize
<a href="#">2HL556001030A</a>	1	0.030" undersize
<a href="#">2HL556001STDB</a>	4	STD shaft dia: 58,38 mm -58,40 mm, straight
<a href="#">2HL556001010B</a>	4	0.010" undersize
<a href="#">2HL556001020B</a>	4	0.020" undersize
<a href="#">2HL556001030B</a>	4	0.030" undersize
<a href="#">BL556001STD</a>	4	STD shaft dia: 53,31 mm -53,34 mm
<a href="#">BL556001010</a>	4	0.010" undersize
<a href="#">BL556001020</a>	4	0.020" undersize
<a href="#">BL556001030</a>	4	0.030" undersize
<a href="#">1NL556001STD</a>	3	

REF	Qty./eng.	Remarks
		
<a href="#">KP556001</a>	1	
<a href="#">BP556001</a>	1	
<a href="#">CP556001</a>	1	
<a href="#">JC556001</a>	1	
<a href="#">DP556001</a>	1	
<a href="#">KA556001</a>	8	
<a href="#">SV556001</a>	1	
<a href="#">1SA556001</a>	2	
<a href="#">KD556001</a>	1	
		
<a href="#">CB556001</a>	10	
<a href="#">VP556001</a>	1	
<a href="#">BB556001</a>	8	
<a href="#">BM556001</a>	8	
		
<a href="#">OP556001</a>	1	
<a href="#">WP556001</a>	1	Total height: 128,0 mm Total length: 214,0 mm With gasket
		
		
<a href="#">NA556001</a>	1	
<a href="#">NT556001</a>	1	
<a href="#">KT556001B</a>	1	
		
<a href="#">OF556001</a>	1	
<a href="#">B0556001</a>	4	



Used for: GM

Used for: **GM 6250**

Specifications: **Gasoline · 6 cylinders · Bore: 3 7/8" (98,40 mm)**

In: **HYSTER**

REF	Qty./eng.	Remarks
<a href="#">PI556003STD</a>	6	STD
<a href="#">PI556003020</a>	6	0.020" oversize
<a href="#">PI556003030</a>	6	0.030" oversize
<a href="#">PI556003040</a>	6	0.040" oversize
<a href="#">PI556003060</a>	6	0.060" oversize
<a href="#">1SE556003STD</a>	6	STD
<a href="#">1SE556003020</a>	6	0.020" oversize
<a href="#">1SE556003030</a>	6	0,030" oversize
<a href="#">1SE556003040</a>	6	0.040" oversize
<a href="#">1SE556003060</a>	6	0.060" oversize
<a href="#">IK556003STD</a>	6	STD
<a href="#">IK556003003</a>	6	0.003" oversize
<a href="#">IK556003015</a>	6	0.015" oversize
<a href="#">IK556003030</a>	6	0.030" oversize
<a href="#">IK556003045</a>	6	0.045" oversize
<a href="#">UK556003STD</a>	6	STD
<a href="#">UK556003003</a>	6	0.003" oversize
<a href="#">UK556003015</a>	6	0.015" oversize
<a href="#">UK556003030</a>	6	0.030" oversize
<a href="#">UK556003045</a>	6	0.045" oversize
<a href="#">KS556003</a>	12	
<a href="#">2HL556003STDA</a>	1	STD shaft dia: 58,38 mm - 58,40 mm, flanged
<a href="#">2HL556003010A</a>	1	0.010" undersize
<a href="#">2HL556003020A</a>	1	0.020" undersize
<a href="#">2HL556003030A</a>	1	0.030" undersize
<a href="#">2HL556003STDB</a>	6	STD shaft dia: 58,38 mm - 58,40 mm, straight
<a href="#">2HL556003010B</a>	6	0.010" undersize
<a href="#">2HL556003020B</a>	6	0.020" undersize
<a href="#">2HL556003030B</a>	6	0.030" undersize
<a href="#">BL556003STD</a>	6	STD shaft dia: 50,77 mm - 50,80 mm
<a href="#">BL556003010</a>	6	0.010" undersize
<a href="#">BL556003020</a>	6	0.020" undersize
<a href="#">1NL556003STD</a>	4	
<a href="#">BP556003</a>	1	
<a href="#">CP556003</a>	1	

REF	Qty./eng.	Remarks
<a href="#">JC556003</a>	1	
<a href="#">DP556003</a>	1	
<a href="#">KA556003</a>	12	
<a href="#">SV556003</a>	1	
<a href="#">1SA556003</a>	2	
<a href="#">KD556003</a>	1	
<a href="#">CB556003</a>	14	
<a href="#">VP556003</a>	1	
<a href="#">BB556003</a>	12	
<a href="#">BM556003</a>	12	
<a href="#">OP556003</a>	1	
<a href="#">WP556003A</a>	1	Total height: 128,0 mm Total length: 214,0 mm 4 holes in the flange With gasket 
<a href="#">WP556003B</a>	1	Total height: 125,0 mm Total length: 214,0 mm 8 holes in the flange Without gasket 
<a href="#">NA556003</a>	1	
<a href="#">NT556003</a>	1	
<a href="#">KT556003</a>	1	
<a href="#">OF556003</a>	1	
<a href="#">B0556003A</a>	6	Type: T16 PU
<a href="#">B0556003B</a>	6	Type: T20 PU





USED FOR  
**HATZ**

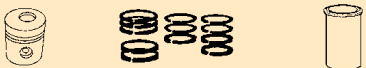
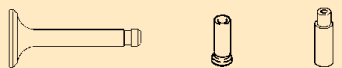
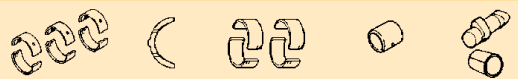
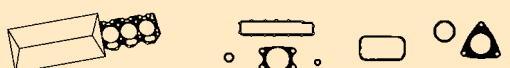






Used for: HATZ

Used for: **HATZ 2G30**

Specifications: **Diesel · 2 cylinders · Bore: 88,00 mm**

In: **AMMANN, VIBROMAX**

REF	Qty./eng.	Remarks
		
<a href="#">PPM81009</a>	2	
<a href="#">PCM81009</a>	4	
<a href="#">1SEM81009STD</a>	2	STD
<a href="#">1SEM81009050</a>	2	0,500 mm oversize
<a href="#">1SEM81009100</a>	2	1,000 mm oversize
<a href="#">PISEM81009STD</a>	2	STD
<a href="#">PISEM81009050</a>	2	0,500 mm oversize
<a href="#">PISEM81009100</a>	2	1,000 mm oversize
<a href="#">ASM81009</a>	2	
		
<a href="#">IKM81009</a>	2	
<a href="#">UKM81009</a>	2	
<a href="#">KSM81009</a>	4	
<a href="#">KGM81009</a>	4	
		
<a href="#">HLM81009STD</a>	3	STD, dia: 72 mm
<a href="#">HLM81009050</a>	3	0,500 mm oversize, dia: 71,5 mm
<a href="#">BLM81009STD</a>	2	STD
<a href="#">BLM81009050</a>	2	0,500 mm oversize
<a href="#">PBM81009</a>	2	
<a href="#">1NLM81009</a>	1	
		
<a href="#">BPM81009</a>	2	
<a href="#">CPM81009</a>	1	
<a href="#">JCM81009A</a>	2	Thickness: 0,60 mm
<a href="#">JCM81009B</a>	2	Thickness: 0,80 mm
<a href="#">KAM81009</a>	4	
<a href="#">SVM81009</a>	1	
<a href="#">SAM81009</a>	1	
<a href="#">KDM81009</a>	2	
		
<a href="#">BBM81009</a>	4	
<a href="#">CGM81009A</a>	8	
<a href="#">CMM81009A</a>	8	
		
<a href="#">OPM81009</a>	1	

REF	Qty./eng.	Remarks
		
<a href="#">NAM81009A</a>	1	
<a href="#">NTM81009</a>	1	
<a href="#">KTM81009</a>	1	
		
<a href="#">OFM81009</a>	1	
<a href="#">ITM81009</a>	2	



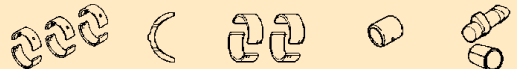
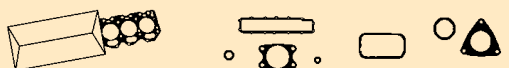






Used for: **HATZ 2L40**

Specifications: **Diesel · 2 cylinders · Bore: 102,00 mm**

In: **HAULOTTE, AMMANN**

Used for: HATZ

REF	Qty./eng.	Remarks
		
<a href="#">PPM81003</a>	2	
<a href="#">PCM81003</a>	4	
<a href="#">1SEM81003STD</a>	2	STD
<a href="#">1SEM81003050</a>	2	0,500 mm oversize
<a href="#">PISEM81003STD</a>	2	STD
<a href="#">PISEM81003050</a>	2	0,500 mm oversize
<a href="#">ASM81003</a>	2	
		
<a href="#">IKM81003</a>	2	
<a href="#">UKM81003</a>	2	
<a href="#">KSM81003</a>	4	
<a href="#">KGM81003</a>	4	
		
<a href="#">HLM81003STD</a>	3	STD, dia: 72 mm
<a href="#">HLM81003050</a>	3	0,500 mm oversize, dia: 71,5 mm
<a href="#">ALM81003</a>	2	
<a href="#">BLM81003STD</a>	2	STD
<a href="#">BLM81003050</a>	2	0,500 mm oversize
<a href="#">PBM81003</a>	2	
<a href="#">1NLM81003</a>	1	
		
<a href="#">BPM81003</a>	2	
<a href="#">CPM81003</a>	1	
<a href="#">JCM81003A</a>	2	Thickness: 0,70 mm
<a href="#">JCM81003B</a>	2	Thickness: 1,00 mm
<a href="#">KAM81003</a>	4	
<a href="#">SVM81003</a>	1	
<a href="#">SAM81003</a>	1	
<a href="#">KDM81003</a>	2	
		
<a href="#">BBM81003</a>	4	
<a href="#">CGM81003A</a>	8	Length: 273,0 mm
<a href="#">CGM81003B</a>	2	Length: 317,0 mm
<a href="#">CMM81003</a>	10	
		
<a href="#">OPM81003</a>	1	

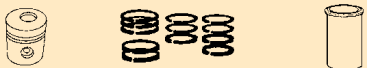

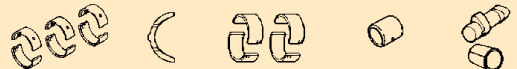
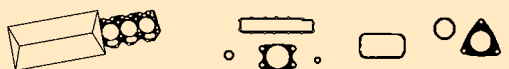


REF	Qty./eng.	Remarks
		
<a href="#">NAM81003A</a>	1	
<a href="#">NAM81003B</a>	1	High swirl cylinder head
<a href="#">NTM81003</a>	1	
<a href="#">KTM81003</a>	1	
<a href="#">TTM81003</a>	1	
		
<a href="#">OFM81003</a>	1	
<a href="#">ITM81003</a>	2	


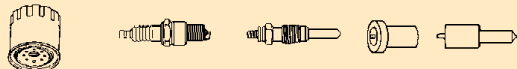


Used for: HATZ 2M40

Specifications: Diesel · 2 cylinders · Bore: 102,00 mm

In: HAULOTTE, AMMANN

REF	Qty./eng.	Remarks
		
<a href="#">PPM81001</a>	2	
<a href="#">PCM81001</a>	4	
<a href="#">1SEM81001STD</a>	2	STD
<a href="#">1SEM81001050</a>	2	0,500 mm oversize
<a href="#">PISEM81001STD</a>	2	STD
<a href="#">PISEM81001050</a>	2	0,500 mm oversize
<a href="#">ASM81001</a>	2	
		
<a href="#">IKM81001</a>	2	
<a href="#">UKM81001</a>	2	
<a href="#">KSM81001</a>	4	
<a href="#">KGM81001</a>	4	
		
<a href="#">HLM81001STD</a>	3	STD, dia: 72 mm
<a href="#">HLM81001050</a>	3	0,500 mm oversize, dia: 71,5 mm
<a href="#">ALM81001</a>	2	
<a href="#">BLM81001STD</a>	2	STD
<a href="#">BLM81001050</a>	2	0,500 mm oversize
<a href="#">PBM81001</a>	2	
<a href="#">1NLM81001</a>	1	
		
<a href="#">BPM81001</a>	2	
<a href="#">CPM81001</a>	1	
<a href="#">JCM81001A</a>	2	Thickness: 0,70 mm
<a href="#">JCM81001B</a>	2	Thickness: 1,00 mm
<a href="#">KAM81001</a>	4	
<a href="#">SVM81001</a>	1	
<a href="#">SAM81001</a>	1	
<a href="#">KDM81001</a>	2	
		
<a href="#">BBM81001</a>	4	
<a href="#">CGM81001A</a>	8	Length: 273,0 mm
<a href="#">CGM81001B</a>	2	Length: 317,0 mm
<a href="#">CMM81001</a>	10	
		
<a href="#">OPM81001</a>	1	

REF	Qty./eng.	Remarks
		
<a href="#">NAM81001A</a>	1	
<a href="#">NAM81001B</a>	1	High swirl cylinder head
<a href="#">NTM81001</a>	1	
<a href="#">KTM81001</a>	1	
<a href="#">TTM81001</a>	1	
		
<a href="#">OFM81001</a>	1	
<a href="#">ITM81001</a>	2	



Used for: **HATZ 3L40**

Specifications: **Diesel · 3 cylinders · Bore: 102,00 mm**

In: **HAULOTTE, ZETTELMEYER, PUTZMEISTER**

Used for: **HATZ**

REF	Qty./eng.	Remarks
<a href="#">PPM81004</a>	3	
<a href="#">PCM81004</a>	6	
<a href="#">1SEM81004STD</a>	3	STD
<a href="#">1SEM81004050</a>	3	0,500 mm oversize
<a href="#">PISEM81004STD</a>	3	STD
<a href="#">PISEM81004050</a>	3	0,500 mm oversize
<a href="#">ASM81004</a>	3	
<a href="#">IKM81004</a>	3	
<a href="#">UKM81004</a>	3	
<a href="#">KSM81004</a>	6	
<a href="#">KGM81004</a>	6	
<a href="#">HLM81004STD</a>	4	STD, dia: 72 mm
<a href="#">HLM81004050</a>	4	0,500 mm oversize, dia: 71,5 mm
<a href="#">ALM81004</a>	2	
<a href="#">BLM81004STD</a>	3	STD
<a href="#">BLM81004050</a>	3	0,500 mm oversize
<a href="#">PBM81004</a>	3	
<a href="#">1NLM81004</a>	1	
<a href="#">BPM81004</a>	3	
<a href="#">CPM81004</a>	1	
<a href="#">JCM81004A</a>	3	Thickness: 0,70 mm
<a href="#">JCM81004B</a>	3	Thickness: 1,00 mm
<a href="#">KAM81004</a>	6	
<a href="#">SVM81004</a>	1	
<a href="#">SAM81004</a>	1	
<a href="#">KDM81004</a>	3	
<a href="#">BBM81004</a>	6	
<a href="#">CGM81004A</a>	12	Length: 273,0 mm
<a href="#">CGM81004B</a>	3	
<a href="#">CMM81004</a>	15	
<a href="#">OPM81004</a>	1	

REF	Qty./eng.	Remarks
<a href="#">NAM81004A</a>	1	Low swirl cylinder head
<a href="#">NAM81004B</a>	1	High swirl cylinder head
<a href="#">NTM81004</a>	1	
<a href="#">KTM81004</a>	1	
<a href="#">TTM81004</a>	1	
<a href="#">OFM81004</a>	1	
<a href="#">ITM81004</a>	3	

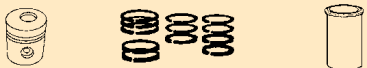

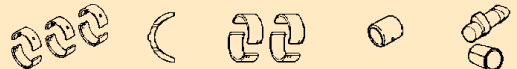
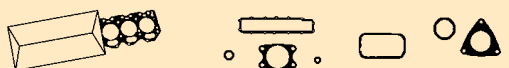






Used for: HATZ

Used for: HATZ 3M40

Specifications: Diesel · 3 cylinders · Bore: 102,00 mm

In: HAULOTTE, AMMANN

REF	Qty./eng.	Remarks
		
<a href="#">PPM81002</a>	3	
<a href="#">PCM81002</a>	6	
<a href="#">1SEM81002STD</a>	3	STD
<a href="#">1SEM81002050</a>	3	0,500 mm oversize
<a href="#">PISEM81002STD</a>	3	STD
<a href="#">PISEM81002050</a>	3	0,500 mm oversize
<a href="#">ASM81002</a>	3	
		
<a href="#">IKM81002</a>	3	
<a href="#">UKM81002</a>	3	
<a href="#">KSM81002</a>	6	
<a href="#">KGM81002</a>	6	
		
<a href="#">HLM81002STD</a>	4	STD, dia: 72 mm
<a href="#">HLM81002050</a>	4	0,500 mm oversize, dia: 71,5 mm
<a href="#">ALM81002</a>	2	
<a href="#">BLM81002STD</a>	3	STD
<a href="#">BLM81002050</a>	3	0,500 mm oversize
<a href="#">PBM81002</a>	3	
<a href="#">1NLM81002</a>	1	
		
<a href="#">BPM81002</a>	3	
<a href="#">CPM81002</a>	1	
<a href="#">JCM81002A</a>	3	Thickness: 0,70 mm
<a href="#">JCM81002B</a>	3	Thickness: 1,00 mm
<a href="#">KAM81002</a>	6	
<a href="#">SVM81002</a>	1	
<a href="#">SAM81002</a>	1	
<a href="#">KDM81002</a>	3	
		
<a href="#">BBM81002</a>	6	
<a href="#">CGM81002A</a>	12	Length: 273,0 mm
<a href="#">CGM81002B</a>	3	
<a href="#">CMM81002</a>	15	
		
<a href="#">OPM81002</a>	1	

REF	Qty./eng.	Remarks
		
<a href="#">NAM81002A</a>	1	Low swirl cylinder head
<a href="#">NAM81002B</a>	1	High swirl cylinder head
<a href="#">NTM81002</a>	1	
<a href="#">KTM81002</a>	1	
<a href="#">TTM81002</a>	1	
		
<a href="#">OFM81002</a>	1	
<a href="#">ITM81002</a>	3	





USED FOR  
**HYUNDAI**

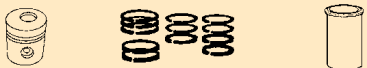
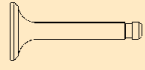


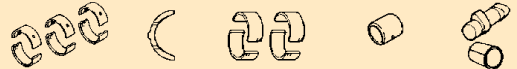
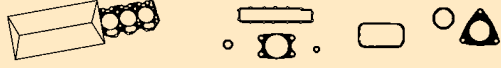






Used for: HYUNDAI

Used for: **HYUNDAI L4GC**

Specifications: **Gasoline · 4 cylinders · Bore: 82,00 mm**

In: **HYUNDAI, DOOSAN-DAEWOO, CROWN**

REF	Qty./eng.	Remarks
		
<a href="#">PIQ72001STD</a>	4	STD, with pin
<a href="#">PIQ72001050</a>	4	0,500 mm oversize, with pin
<a href="#">SEQ72001STD</a>	1	STD
<a href="#">SEQ72001050</a>	1	0,500 mm oversize
		
		
		
<a href="#">IKQ72001</a>	8	
<a href="#">UKQ72001</a>	8	
<a href="#">KSQ72001</a>	16	Hydraulic
<a href="#">UGQ72001</a>	8	
		
<a href="#">1HLQ72001STD</a>	5	STD
<a href="#">HLQ72001025</a>	1	0,250 mm undersize
<a href="#">HLQ72001050</a>	1	0,500 mm undersize
<a href="#">ALQ72001STD</a>	1	STD
<a href="#">1BLQ72001STD</a>	8	STD
<a href="#">BLQ72001025</a>	1	0,250 mm undersize
<a href="#">BLQ72001050</a>	1	0,500 mm undersize
		
<a href="#">KPQ72001</a>	1	
<a href="#">BPQ72001</a>	1	
<a href="#">JCQ72001</a>	1	
<a href="#">KAQ72001</a>	16	
<a href="#">SVQ72001</a>	1	
<a href="#">SAQ72001</a>	1	
<a href="#">KDQ72001</a>	1	
		
<a href="#">CBQ72001</a>	8	M10 x 99,0 mm
<a href="#">BBQ72001</a>	8	
<a href="#">BMQ72001</a>	8	
		
<a href="#">OPQ72001</a>	1	

REF	Qty./eng.	Remarks
<a href="#">WPQ72001</a>	1	Total height: 103,0 mm Total length: 144,0 mm  
		
<a href="#">NAQ72001A</a>	1	Intake assembly
<a href="#">NAQ72001B</a>	1	Exhaust assembly
<a href="#">NTQ72001A</a>	1	Belt sprocket
<a href="#">NTQ72001B</a>	2	Chain sprocket intake/exhaust
<a href="#">KTQ72001</a>	1	
<a href="#">TTQ72001</a>	1	Timing belt
<a href="#">DKQ72001</a>	1	
<a href="#">SKQ72001A</a>	1	
<a href="#">SKQ72001B</a>	1	Chain guide
<a href="#">DRQ72001</a>	1	
		
		
		
		
		
<a href="#">OFQ72001</a>	1	
<a href="#">BOQ72001</a>	4	
<a href="#">ITQ72001</a>	4	Assembly





USED FOR  
**IH**



Used for: IH

Used for: IH BD154

Specifications: Diesel · 4 cylinders · Bore: 88,90 mm

In: MANITOU, CASE IH

REF	Qty./eng.	Remarks
<a href="#">PI665001STD</a>	4	STD
<a href="#">1SE665001STD</a>	4	STD
<a href="#">CH665001</a>	4	Finished
<a href="#">AS665001</a>	4	With liner seals
<a href="#">IK665001</a>	4	
<a href="#">UK665001</a>	4	
<a href="#">KS665001</a>	4	
<a href="#">IG665001</a>	4	
<a href="#">UG665001</a>	4	
<a href="#">HL665001STD</a>	1	STD, with fixed thrust washers
<a href="#">HL665001010</a>	1	0.010" undersize, with fixed thrust washers
<a href="#">HL665001020</a>	1	0.020" undersize, with fixed thrust washers
<a href="#">HL665001030</a>	1	0.030" undersize, with fixed thrust washers
<a href="#">4BL665001STD</a>	1	STD
<a href="#">4BL665001010</a>	1	0.010" undersize
<a href="#">4BL665001020</a>	1	0.020" undersize
<a href="#">4BL665001030</a>	1	0.030" undersize
<a href="#">PB665001</a>	4	
<a href="#">NL665001</a>	1	
<a href="#">KP665001</a>	1	
<a href="#">BP665001</a>	1	
<a href="#">CP665001</a>	1	
<a href="#">JC665001</a>	1	
<a href="#">SV665001</a>	1	
<a href="#">SA665001</a>	1	
<a href="#">KD665001</a>	1	
<a href="#">CB665001A</a>	15	Short
<a href="#">CB665001B</a>	1	Long

REF	Qty./eng.	Remarks
<a href="#">BB665001</a>	8	
<a href="#">OP665001</a>	1	
<a href="#">WP665001</a>	1	Total height 145,0 mm Total length 239,0 mm With gasket
<a href="#">NA665001</a>	1	
<a href="#">NT665001</a>	1	
<a href="#">KT665001</a>	1	33 teeth
<a href="#">TT665001</a>	1	
<a href="#">OF665001</a>	1	
<a href="#">GB665001</a>	4	
<a href="#">IT665001</a>	4	



Used for: IH D111

Specifications: Diesel · 3 cylinders · Bore: 87,30 mm

In: MANITOU, CASE IH

Used for: IH

REF	Qty./eng.	Remarks
<a href="#">1SE665002STD</a>	3	STD
<a href="#">AS665002</a>	3	With liner seals
<a href="#">IK665002</a>	3	Oversize dia: 36,0 mm Length: 148,0 mm
<a href="#">UK665002</a>	3	Diameter: 32,0 mm Length: 148,0 mm
<a href="#">1HL665002ASTD</a>	3	STD
<a href="#">1HL665002A010</a>	3	0.010" undersize
<a href="#">1HL665002A020</a>	3	0.020" undersize
<a href="#">1HL665002A030</a>	3	0.030" undersize
<a href="#">1HL665002BSTD</a>	1	STD, bearing pair with fixed thrust washers
<a href="#">1HL665002B010</a>	1	0.010" undersize, bearing pair with fixed thrust washers
<a href="#">1HL665002B020</a>	1	0.020" undersize, bearing pair with fixed thrust washers
<a href="#">1HL665002B030</a>	1	0.030" undersize, bearing pair with fixed thrust washers
<a href="#">BL665002STD</a>	3	STD
<a href="#">BL665002010</a>	3	0.010" undersize
<a href="#">BL665002020</a>	3	0.020" undersize
<a href="#">BL665002030</a>	3	0.030" undersize
<a href="#">PB665002</a>	3	
<a href="#">BP665002</a>	1	
<a href="#">JC665002</a>	1	
<a href="#">SV665002</a>	1	
<a href="#">SA665002</a>	1	
<a href="#">KD665002</a>	1	
<a href="#">BB665002</a>	6	

REF	Qty./eng.	Remarks
<a href="#">WP665002</a>	1	Total height: 134,0 mm Total length: 160,0 mm With gasket
<a href="#">GB665002</a>	3	



Used for: IH

Used for: IH D155

Specifications: Diesel · 3 cylinders · Bore: 98,40 mm

In: MANITOU, CASE IH

REF	Qty./eng.	Remarks
<a href="#">PI665003ASTD</a>	3	STD, 3 ring design
<a href="#">PI665003BSTD</a>	3	STD, AL_FIN, 3 ring design
<a href="#">SE665003ASTD</a>	3	STD, 3 ring design
<a href="#">SE665003BSTD</a>	3	STD, AL_FIN, 3 ring design
<a href="#">SE665003CSTD</a>	3	STD, AL_FIN, 4 ring design
<a href="#">CH665003</a>	3	Finished
<a href="#">AS665003ASTD</a>	3	3 ring design
<a href="#">AS665003BSTD</a>	3	AL_FIN, 3 ring design
<a href="#">IK665003</a>	3	
<a href="#">UK66503</a>	3	
<a href="#">KS665003</a>	6	
<a href="#">KG665003</a>	6	
<a href="#">HL665003STD</a>	1	STD, with fixed thrust washers
<a href="#">HL665003010</a>	1	0.010" undersize, with fixed thrust washers
<a href="#">HL665003020</a>	1	0.020" undersize, with fixed thrust washers
<a href="#">HL665003030</a>	1	0.030" undersize, with fixed thrust washers
<a href="#">4BL665003STD</a>	1	STD
<a href="#">4BL665003010</a>	1	0.010" undersize
<a href="#">4BL665003020</a>	1	0.020" undersize
<a href="#">4BL665003030</a>	1	0.030" undersize
<a href="#">PB665003</a>	3	
<a href="#">1NL665003A</a>	3	
<a href="#">1NL665003B</a>	1	
<a href="#">BP665003</a>	1	
<a href="#">CP665003</a>	1	
<a href="#">JC665003</a>	1	
<a href="#">KA665003</a>	1	6 pieces
<a href="#">SV665003</a>	1	
<a href="#">SA665003</a>	1	
<a href="#">KD665003</a>	1	

REF	Qty./eng.	Remarks	
<a href="#">BB665003</a>	6	With nut	
<a href="#">OP665003</a>	1		
<a href="#">WP665003A</a>	1	Total height: 146,0 mm Total length: 212,0 mm	With gasket
<a href="#">WP665003B</a>	1	Total height: 146,0 mm Total length: 212,0 mm	With gasket
<a href="#">RW665003</a>	1		
<a href="#">KT665003</a>	1	33 teeth	
<a href="#">TT665003</a>	1	68 teeth	
<a href="#">OF665003A</a>	1	Height: 98,0 mm	
<a href="#">OF665003B</a>	1	Height: 134,0 mm	
<a href="#">OF665003C</a>	1	Height: 117,0 mm	





Used for: IH D179

Specifications: Diesel · 3 cylinders · Bore: 98,40 mm

In: MANITOU, CASE IH

Used for: IH

REF	Qty./eng.	Remarks
<a href="#">PI665004ASTD</a>	3	STD, 3 ring design
<a href="#">PI665004BSTD</a>	3	STD, AL_FIN, 3 ring design
<a href="#">PI665004CSTD</a>	3	STD, AL_FIN, 3 ring design, with electric pump - VE type
<a href="#">1SE665004ASTD</a>	3	STD, 3 ring design
<a href="#">1SE665004BSTD</a>	3	STD, AL_FIN, 3 ring design
<a href="#">1SE665004DSTD</a>	3	STD, AL_FIN, 4 ring design
<a href="#">1SE665004CSTD</a>	3	STD, AL_FIN, 3 ring design, with electric pump - VE type
<a href="#">CH665004</a>	3	Finished
<a href="#">AS665004ASTD</a>	3	STD, 3 ring design
<a href="#">AS665004BSTD</a>	3	STD, AL_FIN, 3 ring design
<a href="#">AS665004CSTD</a>	3	STD, AL_FIN, 3 ring design, with electric pump - VE type
<a href="#">IK665004</a>	3	
<a href="#">UK665004</a>	3	
<a href="#">KG664004</a>	6	
<a href="#">HL665004STD</a>	1	STD, with fixed thrust washers
<a href="#">HL665004010</a>	1	0.010" undersize, with fixed thrust washers
<a href="#">HL665004020</a>	1	0.020" undersize, with fixed thrust washers
<a href="#">HL665004030</a>	1	0.030" undersize, with fixed thrust washers
<a href="#">4BL665004STD</a>	1	STD
<a href="#">4BL665004010</a>	1	0.010" undersize
<a href="#">4BL665004020</a>	1	0.020" undersize
<a href="#">4BL665004030</a>	1	0.030" undersize
<a href="#">PB665004</a>	3	
<a href="#">BP665004</a>	1	
<a href="#">CP665004</a>	1	
<a href="#">JC665004</a>	1	
<a href="#">KA665004</a>	1	6 pieces
<a href="#">SV665004</a>	1	
<a href="#">SA665004</a>	1	

REF	Qty./eng.	Remarks
<a href="#">KD665004</a>	1	
<a href="#">BB665004</a>	6	With nut
<a href="#">OP665004</a>	1	
<a href="#">WP665004A</a>	1	Height: 110,0 mm Width: 112,0 mm With gasket
<a href="#">WP665004B</a>	1	Total height: 146,0 mm Total length: 212,0 mm With gasket
<a href="#">RW665004</a>	1	
<a href="#">OF665004A</a>	1	Height: 134,0 mm
<a href="#">OF665004B</a>	1	Height: 143,0 mm
<a href="#">OF665004C</a>	1	Height: 223,0 mm



USED FOR  
**ISUZU**



Used for: **ISUZU 4FA1**

Specifications: **Diesel · 4 cylinders · Bore: 76,00 mm**

In: **TCM, KOMATSU**

REF	Qty./eng.	Remarks
<a href="#">PI134003STD</a>	4	STD, without piston pin and rings
<a href="#">PI134003050</a>	4	0,500 mm oversize, without piston pin and rings
<a href="#">PI134003100</a>	4	1,000 mm oversize, without piston pin and rings
<a href="#">PP134003</a>	4	
<a href="#">PC134003</a>	8	
<a href="#">1SE134003STD</a>	4	STD, for one piston
<a href="#">1SE134003050</a>	4	0,500 mm oversize, for one piston
<a href="#">1SE134003100</a>	4	1,000 mm oversize, for one piston
<a href="#">IK134003</a>	4	
<a href="#">UK134003</a>	4	
<a href="#">KG134003</a>	8	
<a href="#">HL134003STD</a>	1	STD shaft dia: 55,932 mm
<a href="#">HL134003025</a>	1	0,250 mm undersize
<a href="#">HL134003050</a>	1	0,500 mm undersize
<a href="#">HL134003075</a>	1	0,750 mm undersize
<a href="#">HL134003100</a>	1	1,000 mm undersize
<a href="#">AL134003STDA</a>	1	STD shaft dia: 63,000 mm, STD thickness: 2,360 mm
<a href="#">AL1340030125A</a>	1	0,125 mm undersize
<a href="#">AL134003013A</a>	1	0,130 mm undersize
<a href="#">AL134003025A</a>	1	0,250 mm undersize
<a href="#">AL134003STDB</a>	1	STD shaft dia: 64,000 mm, STD thickness: 2,360 mm
<a href="#">AL1340030125B</a>	1	0,125 mm undersize
<a href="#">AL134003025B</a>	1	0,250 mm undersize
<a href="#">BL134003STD</a>	4	STD shaft dia: 48,940 mm
<a href="#">BL134003025</a>	4	0,250 mm undersize
<a href="#">BL134003050</a>	4	0,500 mm undersize
<a href="#">BL134003075</a>	4	0,750 mm undersize
<a href="#">BL134003100</a>	4	1,000 mm undersize
<a href="#">PB134003</a>	4	
<a href="#">2NL134003</a>	5	STD shaft dia: 27,975 mm
<a href="#">KP134003A</a>	1	Valve seals not included, with oil seals

REF	Qty./eng.	Remarks	
<a href="#">KP134003B</a>	1	No valve seals including, with oil seals	
<a href="#">KP134003C</a>	1	No valve seals including, with oil seals	
<a href="#">KP134003D</a>	1	No valve seals including, with oil seals	
<a href="#">JC134003</a>	1		
<a href="#">KA134003</a>	8		
<a href="#">SV134003A</a>	1	68,0 x 50,0 x 9,0 mm	
<a href="#">SV134003B</a>	1	77,0 x 60,0 x 9,0 mm	
<a href="#">SA134003</a>	1		
<a href="#">KD134003</a>	1		
<a href="#">CB134003</a>	10		
<a href="#">VP134003</a>	1		
<a href="#">BB134003</a>	8		
<a href="#">BM134003</a>	8		
<a href="#">OP134003A</a>	1		
<a href="#">OP134003B</a>	1	For 4FA1PTE, FD20Z12, FD23Z12, FD25Z12	
<a href="#">WP134003A</a>	1	Total height: 126,0 mm Total length: 231,0 mm	Without gasket
<a href="#">WP134003B</a>	1	Total height: 115,2 mm Total length: 251,0 mm	With gasket



Used for: ISUZU 4FA1

Specifications: Diesel · 4 cylinders · Bore: 76,00 mm

In: TCM, KOMATSU

Used for: ISUZU

REF	Qty./eng.	Remarks
<a href="#">NA134003</a>	1	
<a href="#">NT134003A</a>	1	
<a href="#">NT134003B</a>	1	Sprocket
<a href="#">KT134003A</a>	1	
<a href="#">KT134003B</a>	1	Sprocket
<a href="#">TT134003A</a>	1	
<a href="#">TT134003B</a>	1	
<a href="#">TT134003C</a>	1	
<a href="#">TT134003D</a>	1	
<a href="#">TT134003E</a>	1	
<a href="#">TT134003F</a>	1	Tension wheel, sprocket
<a href="#">TT134003G</a>	1	Sprocket
<a href="#">TT134003H</a>	1	Sprocket
<a href="#">TT134003I</a>	1	Injection pump, sprocket
<a href="#">TT134003J</a>	1	Sprocket
<a href="#">HT134003A</a>	1	
<a href="#">HT134003B</a>	1	Sprocket, chain
<a href="#">DK134003</a>	1	
<a href="#">SK134003</a>	1	
<a href="#">HK134003</a>	1	
<a href="#">OF134003</a>	1	
<a href="#">GB134003</a>	4	
<a href="#">IT134003</a>	4	





Used for: ISUZU 4FE1

Specifications: Diesel · 4 cylinders · Bore: 76,30 mm

In: KOMATSU, TCM

REF	Qty./eng.	Remarks
<a href="#">PI134004STDA</a>	4	STD, without piston pin and rings Top ring thickness: 2,0 mm
<a href="#">PI134004050A</a>	4	0,500 mm oversize, without piston pin and rings Top ring thickness: 2,0 mm
<a href="#">PI134004100A</a>	4	1,000 mm oversize, without piston pin and rings Top ring thickness: 2,0 mm
<a href="#">PI134004STDB</a>	4	STD, without piston pin and rings Top ring thickness: 2,5 mm
<a href="#">PI134004050B</a>	4	0,500 mm oversize, without piston pin and rings Top ring thickness: 2,5 mm
<a href="#">PI134004100B</a>	4	1,000 mm oversize, without piston pin and rings Top ring thickness: 2,5 mm
<a href="#">PP134004</a>	4	
<a href="#">PC134004</a>	8	
<a href="#">1SE134004STDA</a>	4	STD Top ring thickness: 2,0 mm
<a href="#">1SE134004050A</a>	1	0,500 mm oversize Top ring thickness: 2,0 mm
<a href="#">1SE134004100A</a>	4	1,000 mm oversize Top ring thickness: 2,0 mm
<a href="#">1SE134004STDB</a>	4	STD Top ring thickness: 2,5 mm
<a href="#">1SE134004050B</a>	4	0,500 mm oversize Top ring thickness: 2,5 mm
<a href="#">1SE134004100B</a>	4	1,000 mm oversize Top ring thickness: 2,5 mm
<a href="#">IK134004</a>	4	
<a href="#">UK134004</a>	4	
<a href="#">KG134004</a>	8	
<a href="#">HL134004STD</a>	1	STD shaft dia: 55,932 mm
<a href="#">HL134004025</a>	1	0,250 mm undersize
<a href="#">HL134004050</a>	1	0,500 mm undersize
<a href="#">HL134004075</a>	1	0,750 mm undersize
<a href="#">HL134004100</a>	1	1,000 mm undersize
<a href="#">AL134004STD</a>	1	STD shaft dia: 64,00 mm STD thickness: 2,36 mm
<a href="#">AL1340040125</a>	1	0,125 mm undersize
<a href="#">AL134004025</a>	1	0,250 mm undersize
<a href="#">BL134004STD</a>	4	STD shaft dia: 48,94 mm
<a href="#">BL134004025</a>	4	0,250 mm undersize
<a href="#">BL134004050</a>	4	0,500 mm undersize
<a href="#">BL134004075</a>	4	0,750 mm undersize

REF	Qty./eng.	Remarks
<a href="#">BL134004100</a>	4	1,000 mm undersize
<a href="#">PB134004</a>	4	STD shaft dia: 25,00 mm
<a href="#">NL134004</a>	1	STD shaft dia: 27,975 mm
<a href="#">KP134004</a>	1	Oil seals not included
<a href="#">JC134004</a>	1	
<a href="#">KA134004</a>	8	
<a href="#">SV134004</a>	1	
<a href="#">SA134004</a>	1	
<a href="#">KD134004</a>	1	
<a href="#">CB134004</a>	10	
<a href="#">VP134004</a>	1	
<a href="#">BB134004</a>	8	
<a href="#">BM134004</a>	8	
<a href="#">OP134004</a>	1	
<a href="#">WP134004</a>	1	Total height: 115,2 mm Total length: 251,0 mm With gasket
<a href="#">NA134004</a>	1	
<a href="#">NT134004</a>	1	
<a href="#">KT134004</a>	1	
<a href="#">TT134004A</a>	1	
<a href="#">TT134004B</a>	1	
<a href="#">TT134004C</a>	1	
<a href="#">TT134004D</a>	1	
<a href="#">TT134004E</a>	1	
<a href="#">HT134004</a>	1	
<a href="#">OF134004</a>	1	
<a href="#">GB134004</a>	4	
<a href="#">IT134004</a>	4	



Used for: ISUZU 4JB1

Specifications: Diesel · 4 cylinders · Bore: 93,00 mm

In: AICHI, HYSTER

Used for: ISUZU

REF	Qty./eng.	Remarks
<a href="#">PI134006STD</a>	4	STD, without piston pin and rings
<a href="#">PP134006</a>	4	
<a href="#">PC134006</a>	8	
<a href="#">1SE134006STD</a>	4	STD
<a href="#">CH134006</a>	4	Finished
<a href="#">4AS134006</a>	1	
<a href="#">IK134006</a>	4	
<a href="#">UK134006</a>	4	
<a href="#">KS134006</a>	8	
<a href="#">KG134006</a>	8	
<a href="#">HL134006STD</a>	1	STD shaft dia: 69,932 mm
<a href="#">HL134006025</a>	1	0,250 mm undersize
<a href="#">HL134006050</a>	1	0,500 mm undersize
<a href="#">HL134006075</a>	1	0,750 mm undersize
<a href="#">HL134006100</a>	1	1,000 mm undersize
<a href="#">AL134006STD</a>	1	STD shaft dia: 78,050 mm STD thickness: 2,480 mm
<a href="#">AL1340060125</a>	1	0,125 mm undersize
<a href="#">AL1340060250</a>	1	0,250 mm undersize
<a href="#">BL134006STD</a>	4	STD shaft dia: 52,930 mm
<a href="#">BL134006025</a>	4	0,250 mm undersize
<a href="#">BL134006050</a>	4	0,500 mm undersize
<a href="#">BL134006075</a>	4	0,750 mm undersize
<a href="#">BL134006100</a>	4	1,000 mm undersize
<a href="#">PB134006</a>	4	
<a href="#">NL134006STD</a>	1	STD shaft dia: 49,975 mm
<a href="#">NL134006050</a>	1	0,500 mm undersize
<a href="#">NL134006100</a>	1	1,000 mm undersize
<a href="#">KP134006</a>	1	With front and rear oil seals, with valve seals
<a href="#">JC134006</a>	1	
<a href="#">KA134006</a>	8	
<a href="#">SV134006</a>	1	

REF	Qty./eng.	Remarks
<a href="#">SA134006</a>	1	
<a href="#">KD134006</a>	1	
<a href="#">CB134006</a>	18	
<a href="#">VP134006</a>	1	
<a href="#">BB134006</a>	8	
<a href="#">BM134006</a>	8	
<a href="#">OP134006</a>	1	
<a href="#">WP134006A</a>	1	Total height: 126,0 mm Total length: 256,0 mm
<a href="#">WP134006B</a>	1	Total height: 119,0 mm Total length: 171,0 mm
<a href="#">RW134006</a>	1	
<a href="#">NA134006</a>	1	
<a href="#">NT134006</a>	1	
<a href="#">KT134006</a>	1	
<a href="#">OF134006</a>	1	
<a href="#">GB134006</a>	4	
<a href="#">IT134006</a>	4	





Used for: **ISUZU 4JG2**

Specifications: **Diesel · 4 cylinders · Bore: 95,40 mm · In: HYSTER, KOMATSU, TCM, YANG/YAM/PUMA, HYUNDAI, BAOLI, KELVIN, EP FORKLIFT, FEELER, HALLA, UN FORKLIFT, LONKING FORKLIFT, GOODSENSE, PATRIA, HELI**



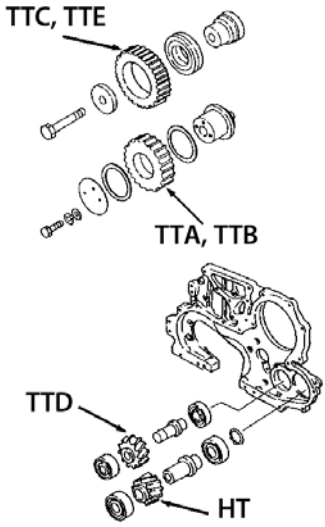

REF	Qty./eng.	Remarks	REF	Qty./eng.	Remarks
<a href="#">PI134008STD</a>	4	STD	<a href="#">JC134008B</a>	1	Thickness: 1,55 mm 
<a href="#">PP134008</a>	4		<a href="#">JC134008C</a>	1	Thickness: 1,60 mm 
<a href="#">PC134008</a>	8		<a href="#">KA134008</a>	8	
<a href="#">1SE134008STD</a>	4	STD	<a href="#">SV134008A</a>	1	
<a href="#">CH134008</a>	4	Finished	<a href="#">SV134008B</a>	1	
			<a href="#">SA134008A</a>	1	118,0 x 95,0 x 9,5 mm, with wear ring
<a href="#">IK134008</a>	4		<a href="#">SA134008B</a>	1	118,0 x 95,0 x 10,0 mm
<a href="#">UK134008</a>	4		<a href="#">SA134008C</a>	1	130,0/118,0 x 95,0 x 20,0 mm
<a href="#">KS134008</a>	8		<a href="#">KD134008</a>	1	
<a href="#">KG134008</a>	8				
			<a href="#">CB134008</a>	18	
<a href="#">2HL134008STDA</a>	5	STD, 1 pair of bearings, blue	<a href="#">VP134008</a>	1	
<a href="#">2HL134008STDB</a>	5	STD, 1 pair of bearings, black	<a href="#">BB134008</a>	8	
<a href="#">2HL134008STDC</a>	5	STD, 1 pair of bearings, green			
<a href="#">1AL134008STD</a>	4	STD	<a href="#">OP134008A</a>	1	For HYSTER 
<a href="#">1AL1340080125</a>	4	0,125 mm undersize	<a href="#">OP134008B</a>	1	For KOMATSU, TCM 
<a href="#">1AL1340080250</a>	4	0,250 mm undersize	<a href="#">WP134008A</a>	1	Total height: 126,0 mm Total length: 256,0 mm With curved notch 
<a href="#">BL134008STD</a>	4	STD			
<a href="#">BL134008025</a>	4	0,250 mm undersize	<a href="#">KP134008A</a>	1	For HYSTER with JCA thickness: 1,5 mm
<a href="#">BL134008050</a>	4	0,500 mm undersize	<a href="#">KP134008B</a>	1	For KOMATSU, TCM with JCA thickness: 1,5 mm
<a href="#">BL134008075</a>	4	0,750 mm undersize	<a href="#">JC134008A</a>	1	Thickness: 1,50 mm 
<a href="#">BL134008100</a>	4	1,000 mm undersize			
<a href="#">PB134008</a>	4				
<a href="#">NL134008STD</a>	1	STD			
<a href="#">NL134008050</a>	1	0,500 mm undersize			
<a href="#">NL134008100</a>	1	1,000 mm undersize			



Used for: **ISUZU 4JG2**

Specifications: **Diesel · 4 cylinders · Bore: 95,40 mm · In: HYSTER, KOMATSU, TCM, YANG/YAM/PUMA, HYUNDAI, BAOLI, KELVIN, EP FORKLIFT, FEELER, HALLA, UN FORKLIFT, LONKING FORKLIFT, GOODSENSE, PATRIA, HELI**

Used for: ISUZU

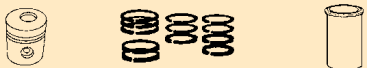


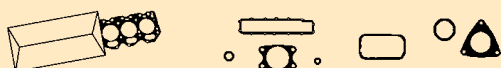


REF	Qty./eng.	Remarks
<a href="#">WP134008B</a>	1	Total height: 126,0 mm Total length: 253,0 mm Without notch 
<a href="#">R0134008</a>	1	
<a href="#">RW134008</a>	1	
		
<a href="#">NA134008</a>	1	
<a href="#">NT134008A</a>	1	For HYSTER
<a href="#">NT134008B</a>	1	For KOMATSU, TCM
<a href="#">KT134008A</a>	1	For HYSTER
<a href="#">KT134008B</a>	1	For KOMATSU, TCM
<a href="#">TT134008A</a>	1	For HYSTER
<a href="#">TT134008B</a>	1	For KOMATSU, TCM
<a href="#">TT134008C</a>	1	For KOMATSU, TCM
<a href="#">TT134008D</a>	1	For KOMATSU, TCM
<a href="#">TT134008E</a>	1	For HYSTER
<a href="#">HT134008</a>	1	
		
<a href="#">OF134008A</a>	1	Height: 102,0 mm, thread M20
<a href="#">OF134008B</a>	1	Height: 127,0 mm, thread M26
<a href="#">GB134008</a>	4	
<a href="#">IT134008</a>	4	







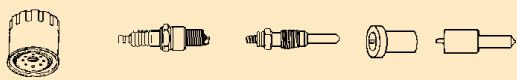


Used for: ISUZU 4LB1

Specifications: Diesel · 4 cylinders · Bore: 77,40 mm

In: KOMATSU, TCM

REF	Qty./eng.	Remarks
		
<a href="#">PI134009STDA</a>	4	STD Pin dia: 21,0 mm
<a href="#">PI134009STDB</a>	4	STD Pin dia: 25,0 mm
<a href="#">PI134009025A</a>	4	0,250 mm oversize Pin dia: 21,0 mm
<a href="#">PI134009025B</a>	4	0,250 mm oversize Pin dia: 25,0 mm
<a href="#">PP134009A</a>	4	Dia: 21,0 mm
<a href="#">PP134009B</a>	4	Dia: 25,0 mm
<a href="#">PC134009A</a>	8	Dia: 21,0 mm
<a href="#">PC134009B</a>	8	Dia: 25,0 mm
<a href="#">1SE134009STD</a>	4	STD
<a href="#">1SE134009025</a>	4	0,250 mm oversize
		
<a href="#">IK134009</a>	4	
<a href="#">UK134009</a>	4	
<a href="#">KS134009</a>	8	
<a href="#">KG134009</a>	8	
		
<a href="#">HL134009STD</a>	1	STD
<a href="#">1AL134009STD</a>	2	STD
<a href="#">BL134009STD</a>	4	STD
<a href="#">PB134009A</a>	4	Dia: 21,0 mm
<a href="#">PB134009B</a>	4	Dia: 25,0 mm
<a href="#">NL134009</a>		
		
<a href="#">KP134009A</a>	1	With KDA, JC and KA
<a href="#">KP134009B</a>	1	With KDB, JC and KA
<a href="#">JC134009</a>	1	
<a href="#">KA134009</a>	8	
<a href="#">SV134009</a>	1	
<a href="#">SA134009</a>	1	
<a href="#">KD134009A</a>	1	

REF	Qty./eng.	Remarks
<a href="#">KD134009B</a>	1	
		
<a href="#">CB134009A</a>	10	Length: 88,5 mm
<a href="#">CB134009B</a>	5	M8 x 1,25 mm Length: 25,0 mm
<a href="#">CB134009SET</a>	1	
<a href="#">VP134009</a>	1	
<a href="#">BB134009</a>	8	
<a href="#">BM134009</a>	8	
		
<a href="#">OP134009</a>	1	
<a href="#">WP134009</a>	1	Total height: 123,8 mm Total length: 209,0 mm  Without gasket
		
<a href="#">NA134009</a>	1	
<a href="#">NT134009</a>	1	
<a href="#">KT134009</a>	1	
		
<a href="#">OF134009</a>		
<a href="#">GB134009</a>	4	
<a href="#">IT134009A</a>	4	NP-DN4PDN101
<a href="#">IT134009B</a>	4	NP-DN0PDN112

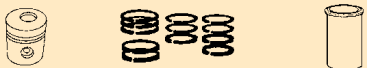
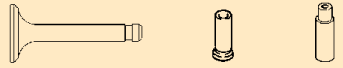
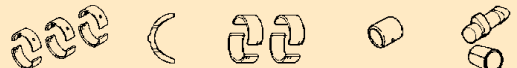
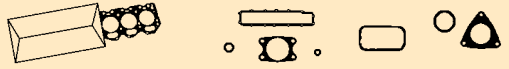









Used for: ISUZU 6BB1

Specifications: **Gasoline** · **6 cylinders** · Bore: **102,00 mm**

In: **KOMATSU, TCM**

Used for: ISUZU

REF	Qty./eng.	Remarks
		
<a href="#">PI134010STD</a>	6	STD
<a href="#">PP134010</a>	6	
<a href="#">PC134010</a>	12	
<a href="#">1SE134010STD</a>	6	STD
<a href="#">CH134010</a>	6	Finished
<a href="#">6AS134010</a>	1	
		
<a href="#">IK134010</a>	6	
<a href="#">UK134010</a>	6	
<a href="#">KS134010</a>	12	
<a href="#">KG134010</a>	12	
		
<a href="#">HL134010STD</a>	1	STD Thrust washers included
<a href="#">HL134010025</a>	1	0,250 mm undersize Thrust washers included
<a href="#">HL134010050</a>	1	0,500 mm undersize Thrust washers included
<a href="#">AL134010STD</a>	2	STD
<a href="#">BL134010STD</a>	6	STD
<a href="#">BL134010025</a>	6	0,250 mm undersize
<a href="#">BL134010050</a>	6	0,500 mm undersize
<a href="#">PB134010</a>	6	
<a href="#">NL134010</a>	1	
		
<a href="#">KP134010</a>	1	
<a href="#">JC134010</a>	1	
		
<a href="#">KA134010</a>	12	
<a href="#">SV134010</a>	1	
<a href="#">SA134010</a>	1	
<a href="#">KD134010</a>	1	
		
<a href="#">CB134010SET</a>	1	Engine set
<a href="#">CB134010A</a>	20	M12 x 126,0 mm
<a href="#">CB134010B</a>	6	M12 x 113,0 mm
<a href="#">VP134010</a>	1	
<a href="#">BB134010</a>	12	

REF	Qty./eng.	Remarks
		
<a href="#">OP134010</a>	1	
		
<a href="#">WP134010</a>	1	With gasket
		
		
<a href="#">NA134010</a>	1	
<a href="#">NT134010</a>	1	
<a href="#">KT134010</a>	1	
<a href="#">TT134010</a>	1	
		
<a href="#">OF134010</a>	1	
<a href="#">GB134010</a>	6	



Used for: **ISUZU C221**

Specifications: **Diesel · 4 cylinders · Bore: 83,00 mm**

In: **KOMATSU, TCM**

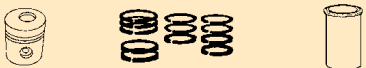



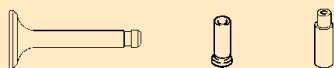

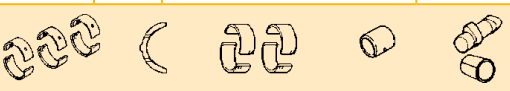
REF	Qty./eng.	Remarks
<a href="#">PI134002STD</a>	4	STD
<a href="#">SE134002STD</a>	1	STD
<a href="#">CH134002</a>	4	Finished
<a href="#">AS134002</a>	4	
<a href="#">IK134002</a>	4	
<a href="#">UK134002</a>	4	
<a href="#">KS134002</a>	8	
<a href="#">IG134002</a>	4	
<a href="#">UG134002</a>	4	
<a href="#">HL134002STD</a>	1	STD shaft dia: 69,932 mm
<a href="#">HL134002025</a>	1	0,250 mm undersize
<a href="#">HL134002050</a>	1	0,500 mm undersize
<a href="#">HL134002075</a>	1	0,750 mm undersize
<a href="#">HL134002100</a>	1	1,000 mm undersize
<a href="#">HL134002125</a>	1	1,250 mm undersize
<a href="#">HL134002150</a>	1	1,500 mm undersize
<a href="#">1AL134002STD</a>	2	STD shaft dia: 78,050 mm STD thickness: 2,480 mm
<a href="#">1AL1340020125</a>	2	0,125 mm undersize
<a href="#">1AL1340020250</a>	2	0,250 mm undersize
<a href="#">BL134002STD</a>	4	STD shaft dia: 52,93 mm
<a href="#">BL134002025</a>	4	0,250 mm undersize
<a href="#">BL134002050</a>	4	0,500 mm undersize
<a href="#">BL134002075</a>	4	0,750 mm undersize
<a href="#">BL134002100</a>	4	1,000 mm undersize
<a href="#">PB134002</a>	4	STD shaft dia: 25,00 mm
<a href="#">NL134002STDA</a>	1	STD shaft dia: 47,975 mm Max. length: 25 mm (-'81)
<a href="#">NL134002025A</a>	1	0,250 mm undersize (-'81)
<a href="#">NL134002050A</a>	1	0,500 mm undersize (-'81)
<a href="#">NL134002STDB</a>	1	STD shaft dia: 47,975 mm Max. length: 22 mm ('81-)
<a href="#">NL1340020125B</a>	1	0,125 mm undersize ('81-)
<a href="#">NL134002025B</a>	1	0,250 mm undersize ('81-)
<a href="#">NL134002050B</a>	1	0,500 mm undersize ('81-)
<a href="#">KP134002</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP134002</a>	1	

REF	Qty./eng.	Remarks	
<a href="#">JC134002</a>	1		
<a href="#">KA134002</a>	8		
<a href="#">SV134002</a>	1		
<a href="#">SA134002</a>	1		
<a href="#">KD134002</a>	1		
<a href="#">CB134002</a>	19		
<a href="#">VP134002</a>	1		
<a href="#">BB134002</a>	8		
<a href="#">OP134002A</a>	1		
<a href="#">OP134002B</a>	1		
<a href="#">WP134002A</a>	1	Total height: 127,0 mm Total length: 254,0 mm	With gasket
<a href="#">RW134002A</a>	1		
<a href="#">RW134002B</a>	1	Dia: 35,0 mm	
<a href="#">RW134002C</a>	1	Dia: 40,0 mm	
<a href="#">NA134002</a>	1		
<a href="#">NT134002</a>	1		
<a href="#">KT134002</a>	1		
<a href="#">TT134002</a>	1		
<a href="#">OF134002</a>	1		
<a href="#">GB134002A</a>	4	10,6 V; M10; total length: 89,0 mm	
<a href="#">GB134002B</a>	4	20,5 V; M10; total length: 98,0 mm	
<a href="#">IT134002</a>	4		



Used for: **ISUZU C240**

Specifications: **Diesel · 4 cylinders · Bore: 86,00 mm · In: KOMATSU, TCM, HYSTER, HANGCHA, MAST, HANSELIFTER, EP FORKLIFT, FEELER, UN FORKLIFT, TRACMA, GOODSENSE, PATRIA, BAOLI, HELI**

REF	Qty./eng.	Remarks	
			
<a href="#">PI134001STDA</a>	4	With 4 ring grooves, head shape A, without piston pin	
<a href="#">PI134001STDB</a>	4	With 4 ring grooves, head shape B, without piston pin	
<a href="#">PI134001STDC</a>	4	With 3 ring grooves, height: 84,6 mm, without piston pin	
<a href="#">PI134001STDD</a>	4	With 3 ring grooves, height: 96,6 mm, without piston pin	
<a href="#">PP134001A</a>	4	Length: 68 mm	
<a href="#">PP134001B</a>	4	Length: 72 mm	
<a href="#">PC134001</a>	8		
<a href="#">1SE134001STDA</a>	4	Used with piston A	
<a href="#">1SE134001STDB</a>	4	Used with piston B	
<a href="#">1SE134001STDC</a>	4	Used with piston C	
<a href="#">1SE134001STDD</a>	4	Used with piston D	
<a href="#">CH134001</a>	4	Finished	
<a href="#">4AS134001A</a>	1	With piston A	
<a href="#">4AS134001B</a>	1	With piston B and piston pin bushing: 27,0 x 30,0 x 30,0 mm	
<a href="#">4AS134001C</a>	1	With piston C	
<a href="#">4AS134001D</a>	1	With piston D	
<a href="#">4AS134001E</a>	1	With piston B and piston pin bushing: 27,0 x 30,0 x 34,0 mm	
			
<a href="#">IK134001A</a>	4	D: 38,0 mm	
<a href="#">IK134001B</a>	4	D: 40,0 mm	
<a href="#">UK134001A</a>	4	UKA: D: 32,0 mm	
<a href="#">UK134001B</a>	4	UKB: D: 34,0 mm	
<a href="#">KS134001</a>	8		
<a href="#">IG134001A</a>	4	8,0 x 14,0 x 53,0 mm	
<a href="#">UG134001A</a>	4	8,0 x 14,0 x 55,0 mm	
<a href="#">UG134001B</a>	4	8,0 x 14,0 x 48,0 mm	
<a href="#">KG134001B</a>	8	8,0 x 14,0 x 50,0 mm	
			
<a href="#">HL134001STD</a>	1	STD, shaft dia: 69,932 mm	

REF	Qty./eng.	Remarks	
<a href="#">HL134001025</a>	1	0,250 mm undersize	
<a href="#">HL134001050</a>	1	0,500 mm undersize	
<a href="#">HL134001075</a>	1	0,750 mm undersize	
<a href="#">HL134001100</a>	1	1,000 mm undersize	
<a href="#">HL134001125</a>	1	1,250 mm undersize	
<a href="#">HL134001150</a>	1	1,500 mm undersize	
<a href="#">1AL134001STD</a>	2	STD, thickness: 2,480 mm, shaft dia: 78,050 mm	
<a href="#">1AL1340010125</a>	2	0,125 mm undersize	
<a href="#">1AL1340010250</a>	2	0,250 mm undersize	
<a href="#">BL134001STDA</a>	4	STD, length 22,53 mm Shaft dia 52,93 mm	
<a href="#">BL134001STDB</a>	4	STD, length 21,53 mm Shaft dia 52,93 mm	
<a href="#">BL134001025A</a>	4	0,250 mm undersize Length 22,53 mm	
<a href="#">BL134001025B</a>	4	0,250 mm undersize Length 21,53 mm	
<a href="#">BL134001050A</a>	4	0,500 mm undersize Length 22,53 mm	
<a href="#">BL134001050B</a>	4	0,500 mm undersize Length 21,53 mm	
<a href="#">BL134001075A</a>	4	0,750 mm undersize Length 22,53 mm	
<a href="#">BL134001075B</a>	4	0,750 mm undersize Length 21,53 mm	
<a href="#">BL134001100A</a>	4	1,000 mm undersize Length 22,53 mm	
<a href="#">BL134001100B</a>	4	1,000 mm undersize Length 21,53 mm	
<a href="#">BL134001125A</a>	4	1,250 mm undersize Length 22,53 mm	
<a href="#">BL134001150A</a>	4	1,500 mm undersize Length 22,53 mm	
<a href="#">PB134001A</a>	4	27,0 x 30,0 x 34,0 mm Shaft dia: 27,0 mm	
<a href="#">PB134001B</a>	4	27,0 x 30,0 x 30,0 mm Shaft dia: 27,0 mm	
<a href="#">NL134001STDA</a>	1	Max. length: 25 mm (-'81) Shaft dia: 47,975 mm	
<a href="#">NL134001STDB</a>	1	Max. length: 22 mm (-'81) Shaft dia: 47,975 mm	
<a href="#">NL1340010125B</a>	1	0,125 mm undersize Max. length: 22 mm ('81 -)	
<a href="#">NL134001025A</a>	1	0,250 mm undersize Max. length: 25 mm (- '81)	
<a href="#">NL134001025B</a>	1	0,250 mm undersize Max. length: 22 mm ('81 -)	
<a href="#">NL134001050A</a>	1	0,500 mm undersize Max. length: 25 mm (- '81)	
<a href="#">NL134001050B</a>	1	0,500 mm undersize Max. length: 22 mm ('81 -)	





Used for: **ISUZU C240**

Specifications: **Diesel · 4 cylinders · Bore: 86,00 mm · In: KOMATSU, TCM, HYSTER, HANGCHA, MAST, HANSELIFTER, EP FORKLIFT, FEELER, UN FORKLIFT, TRACMA, GOODSENSE, PATRIA, BAOLI, HELI**

REF	Qty./eng.	Remarks
<a href="#">KP134001A</a>	1	Kit, with oil seals front and rear, with valve seals
<a href="#">KP134001B</a>	1	Kit, with oil seals front and rear, with valve seals <a href="#">KA134001A</a>
<a href="#">KP134001C</a>	1	Kit, with oil seals front and rear, with valve seals
<a href="#">KP134001D</a>	1	Kit, with oil seals front and rear, with valve seals <a href="#">KA134001B</a>
<a href="#">BP134001</a>	1	Gasket valve regrind (Hyster)
<a href="#">CP134001</a>	1	Gasket kit bottom
<a href="#">JC134001</a>	1	
<a href="#">KA134001A</a>	8	O-ring
<a href="#">KA134001B</a>	8	
<a href="#">SV134001</a>	1	
<a href="#">SA134001</a>	1	
<a href="#">KD134001A</a>	1	
<a href="#">KD134001C</a>	1	
<a href="#">CB134001</a>	19	
<a href="#">VP134001</a>	1	
<a href="#">BB134001A</a>	8	No nut
<a href="#">BB134001B</a>	8	To fit with nut
<a href="#">BM134001</a>	8	

REF	Qty./eng.	Remarks
<a href="#">OP134001A</a>	1	<b>OPA: with groove in the shaft</b>  <b>OPB: no groove in the shaft</b> 
<a href="#">OP134001B</a>	1	
<a href="#">OP134001C</a>	1	<b>OPC</b>  <b>OPD</b> 
<a href="#">OP134001D</a>	1	
<a href="#">WP134001A</a>	1	Total height: 136,0 mm Total length: 273,0 mm  With gasket 
<a href="#">WP134001B</a>	1	Total height: 127,0 mm Total length: 254,0 mm Dia: 40,0 mm  With gasket 
<a href="#">RW134001A</a>	1	For <a href="#">WP134001A</a> with bearing dia: 35,0 mm
<a href="#">RW134001B</a>	1	For <a href="#">WP134001A</a> with bearing dia: 40,0 mm, impeller dia: 78,0 mm, height: 22,4 mm
<a href="#">RW134001C</a>	1	For <a href="#">WP134001A</a> with bearing dia: 40,0 mm, impeller dia: 81,0 mm, height: 26,0 mm



Used for: **ISUZU C240**

Specifications: **Diesel · 4 cylinders · Bore: 86,00 mm · In: KOMATSU, TCM, HYSTER, HANGCHA, MAST, HANSELIFTER, EP FORKLIFT, FEELER, UN FORKLIFT, TRACMA, GOODSENSE, PATRIA, BAOLI, HELI**

Used for: ISUZU

REF	Qty./eng.	Remarks	
<a href="#">RW134001D</a>	1	For <a href="#">WP134001B</a> with bearing dia: 40,0 mm	
<a href="#">NA134001</a>	1		
<a href="#">NT134001</a>	1		
<a href="#">KT134001</a>	1		
<a href="#">TT134001A</a>	1		
<a href="#">TT134001B</a>	1	With place for 2 collars	
<a href="#">TT134001C</a>	1	Gear idle, pump drive	
<a href="#">HT134001</a>	1		
<a href="#">OF134001A</a>	1	Element	
<a href="#">OF134001B</a>	1	Cartridge	
<a href="#">GB134001A</a>	4	10,5 V; M10 Total length: 89,0 mm	
<a href="#">GB134001B</a>	4	11,0 V; M10 Total length: 90,0 mm	
<a href="#">GB134001C</a>	4	9,0 V; M10 Total length: 89,5 mm	
<a href="#">GB134001D</a>	4	20,5 V; M10 Total length: 98,0 mm	
<a href="#">IT134001A</a>	4	DN0SD211	
<a href="#">IT134001B</a>	4	DN12SD12	
<a href="#">IT134001C</a>	4	DN0SD2110	



Used for: ISUZU DA220

Specifications: Diesel · 4 cylinders · Bore: 100,00 mm

In: TCM, KOMATSU

REF	Qty./eng.	Remarks	
<a href="#">PI134005STD</a>	4	STD	
<a href="#">PI134005025</a>	4	0,250 mm oversize	
<a href="#">PI134005050</a>	4	0,500 mm oversize	
<a href="#">PI134005075</a>	4	0,750 mm oversize	
<a href="#">PI134005100</a>	4	1,000 mm oversize	
<a href="#">PI134005125</a>	4	1,250 mm oversize	
<a href="#">PC134005</a>	8		
<a href="#">SE134005STD</a>	1	STD	
<a href="#">SE134005025</a>	1	0,250 mm oversize	
<a href="#">SE134005050</a>	1	0,500 mm oversize	
<a href="#">SE134005075</a>	1	0,750 mm oversize	
<a href="#">SE134005100</a>	1	1,000 mm oversize	
<a href="#">SE134005125</a>	1	1,250 mm oversize	
<a href="#">CH134005A</a>	4	Height: 220,0 mm Finished	
<a href="#">CH134005B</a>	4	Height: 235,0 mm	
<a href="#">4AS134005</a>	1	Kit includes liner B	
<a href="#">IK134005A</a>	4	D: 44,1 mm	
<a href="#">IK134005B</a>	4	D: 45,55 mm	
<a href="#">UK134005A</a>	4	D: 40,1 mm	
<a href="#">UK134005B</a>	4	D: 42,1 mm	
<a href="#">KS134005</a>	8		
<a href="#">KG134005</a>	8		
<a href="#">HL134005STD</a>	1	STD shaft dia: 74,95 mm	
<a href="#">HL134005025</a>	1	0,250 mm undersize	
<a href="#">HL134005050</a>	1	0,500 mm undersize	
<a href="#">HL134005075</a>	1	0,750 mm undersize	
<a href="#">HL134005100</a>	1	1,000 mm undersize	
<a href="#">AL134005STD</a>	1	STD shaft dia: 82,250 mm STD thickness: 3,480 mm	
<a href="#">AL1340050125</a>	1	0,125 mm undersize	
<a href="#">AL134005025</a>	1	0,250 mm undersize	

REF	Qty./eng.	Remarks	
<a href="#">AL134005050</a>	1	0,500 mm undersize	
<a href="#">BL134005STD</a>	4	STD shaft dia: 63,95 mm	
<a href="#">BL134005025</a>	4	0,250 mm undersize	
<a href="#">BL134005050</a>	4	0,500 mm undersize	
<a href="#">BL134005075</a>	4	0,750 mm undersize	
<a href="#">BL134005100</a>	4	1,000 mm undersize	
<a href="#">BL134005125</a>	4	1,250 mm undersize	
<a href="#">PB134005</a>	4		
<a href="#">1NL134005A</a>	1	Front	
<a href="#">1NL134005B</a>	1	Center	
<a href="#">1NL134005C</a>	1	Rear	
<a href="#">KP134005</a>	1	No oil seals, with valve seals	
<a href="#">BP134005</a>	1		
<a href="#">JC134005</a>	1		
<a href="#">KA134005</a>	8		
<a href="#">SV134005</a>	1		
<a href="#">SA134005</a>	1		
<a href="#">KD134005</a>	1		
<a href="#">CB134005</a>	21		
<a href="#">VP134005</a>	1		
<a href="#">BB134005</a>	8		
<a href="#">BM134005</a>	8		
<a href="#">OP134005</a>	1		
<a href="#">WP134005A</a>	1	Total height: 183,0 mm Total length: 268,0 mm	



Used for: ISUZU DA220

Specifications: Diesel · 4 cylinders · Bore: 100,00 mm

In: TCM, KOMATSU

Used for: ISUZU

REF	Qty./eng.	Remarks	
<a href="#">WP134005B</a>	1	Total height: 181,0 mm Total length: 245,0 mm  D1: 49,0 mm D2: 20,0 mm P: 127,0 mm With gasket	
<a href="#">WP134005C</a>	1	Total height: 167,0 mm Total length: 274,0 mm  D1: 52,0 mm D2: 29,0 mm P: 110,0 mm With gasket	
<a href="#">RW134005A</a>	1	Spindle dia: 20,0 mm	
<a href="#">RW134005B</a>	1	Spindle dia: 17,0 mm	
			
			
<a href="#">NA134005</a>	1		
<a href="#">NT134005</a>	1		
<a href="#">KT134005</a>	1		
<a href="#">TT134005</a>	1		
			
<a href="#">OF134005A</a>	1	Element	
<a href="#">OF134005B</a>	1	Cartridge	
<a href="#">OF134005C</a>	1		
<a href="#">GB134005</a>	4		
<a href="#">IT134005</a>	4		



Used for: ISUZU G201

Specifications: **Gasoline · 4 cylinders · Bore: 86,00 mm**

In: **KOMATSU, TCM**

REF	Qty./eng.	Remarks
<a href="#">PI134007STD</a>	4	STD, without piston pin and rings
<a href="#">PI134007025</a>	4	0,250 mm oversize, without piston pin and rings
<a href="#">PI134007050</a>	4	0,500 mm oversize, without piston pin and rings
<a href="#">PI134007075</a>	4	0,750 mm oversize, without piston pin and rings
<a href="#">PI134007100</a>	4	1,000 mm oversize, without piston pin and rings
<a href="#">PI134007125</a>	4	1,250 mm oversize, without piston pin and rings
<a href="#">PP134007</a>	4	
<a href="#">PC134007</a>	8	
<a href="#">SE134007STD</a>	1	STD
<a href="#">SE134007025</a>	1	0,250 mm oversize
<a href="#">SE134007050</a>	1	0,500 mm oversize
<a href="#">SE134007075</a>	1	0,750 mm oversize
<a href="#">SE134007100</a>	1	1,000 mm oversize
<a href="#">SE134007125</a>	1	1,250 mm oversize
<a href="#">IK134007</a>	4	
<a href="#">UK134007</a>	4	
<a href="#">KS134007</a>	8	
<a href="#">IG134007</a>	4	
<a href="#">UG134007</a>	4	
<a href="#">HL134007STD</a>	1	STD shaft dia: 59,932 mm
<a href="#">HL134007025</a>	1	0,250 mm undersize
<a href="#">HL134007050</a>	1	0,500 mm undersize
<a href="#">HL134007075</a>	1	0,750 mm undersize
<a href="#">1AL134007STD</a>	2	STD shaft dia: 73,050 mm STD thickness: 2,480 mm
<a href="#">4BL134007STD</a>	1	STD shaft dia: 52,930 mm
<a href="#">4BL134007025</a>	1	0,250 mm undersize
<a href="#">PB134007</a>	4	
<a href="#">KP134007</a>	1	Without valve seals, with front and rear oil seals
<a href="#">JC134007</a>	1	

REF	Qty./eng.	Remarks
<a href="#">KA134007</a>	8	
<a href="#">SV134007</a>	1	
<a href="#">SA134007</a>	1	
<a href="#">KD134007</a>	1	
<a href="#">CB134007</a>	10	
<a href="#">VP134007</a>	1	
<a href="#">BB134007</a>	8	
<a href="#">OP134007</a>	1	
<a href="#">WP134007</a>	1	Total height: 127,0 mm Total length: 254,0 mm With gasket
<a href="#">RW134007</a>	1	
<a href="#">NA134007</a>	1	
<a href="#">NT134007</a>	1	
<a href="#">KT134007</a>	1	
<a href="#">DK134007</a>	1	
<a href="#">OF134007</a>	1	
<a href="#">B0134007A</a>	4	Type: W 16 EPU
<a href="#">B0134007B</a>	4	Type: W 14 EXU





USED FOR  
**JOHN DEERE**


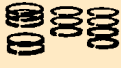

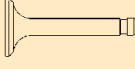


































Used for: **JOHN DEERE 4045HMC92**

Specifications: **Diesel · 4 cylinders · Bore: 106,50 mm**

In: **MANITOU**

REF	Qty./eng.	Remarks
  		
<a href="#">PPA23001</a>	4	
<a href="#">PCA23001</a>	8	
<a href="#">1SEA23001STD</a>	4	STD
<a href="#">ASA23001</a>	4	
  		
<a href="#">IKA23001</a>	8	
<a href="#">UKA23001</a>	8	
<a href="#">KSA23001</a>	16	
<a href="#">KGA23001</a>	16	
    		
<a href="#">2HLA23001ASTD</a>	4	STD
<a href="#">2HLA23001BSTD</a>	1	
<a href="#">BLA23001STD</a>	4	STD
<a href="#">BLA23001010</a>	4	0.010" undersize
   		
<a href="#">KPA23001</a>	1	
<a href="#">BPA23001</a>	1	
<a href="#">JCA23001</a>	1	
		
<a href="#">KAA23001A</a>	8	Intake
<a href="#">KAA23001B</a>	8	Exhaust
<a href="#">SVA23001</a>	1	
<a href="#">SAA23001</a>	1	
<a href="#">KDA23001A</a>	1	
<a href="#">KDA23001B</a>	1	Lower
  		
<a href="#">CBA23001</a>	18	
<a href="#">VPA23001</a>	1	
<a href="#">BBA23001</a>	8	
 		
<a href="#">OPA23001</a>	1	
		

REF	Qty./eng.	Remarks
<a href="#">WPA23001</a>	1	Total height: 80,5 mm Total length: 240,0 mm  
    		
<a href="#">NAA23001</a>	1	
<a href="#">KTA23001</a>	1	
<a href="#">TTA23001A</a>	1	
<a href="#">TTA23001B</a>	1	
    		
<a href="#">OFA23001</a>	1	
<a href="#">GBA23001</a>	4	



USED FOR  
**KIA**

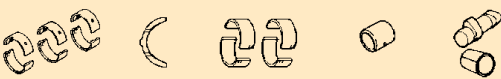


Used for: KIA

Used for: KIA HA

Specifications: Diesel · 4 cylinders · Bore: 95,00 mm

In: HALLA

REF	Qty./eng.	Remarks
		
<a href="#">PIQ73001STD</a>	4	STD
<a href="#">1SEQ73001STD</a>	4	STD
<a href="#">CHQ73001</a>	4	Semi-finished
		
<a href="#">IKQ73001</a>	4	
<a href="#">UKQ73001</a>	4	
<a href="#">KSQ73001</a>	8	
		
<a href="#">HLQ73001STD</a>	1	STD Shaft dia: 75,825 mm
<a href="#">HLQ73001025</a>	1	0,250 mm undersize
<a href="#">HLQ73001050</a>	1	0,500 mm undersize
<a href="#">HLQ73001075</a>	1	0,750 mm undersize
<a href="#">HLQ73001100</a>	1	1,000 mm undersize
<a href="#">ALQ73001STD</a>	1	STD Thickness: 2,325 mm
<a href="#">ALQ73001025</a>	1	0,250 mm undersize
<a href="#">ALQ73001050</a>	1	0,500 mm undersize
<a href="#">ALQ73001075</a>	1	0,750 mm undersize
<a href="#">ALQ73001100</a>	1	1,000 mm undersize
<a href="#">BLQ73001STD</a>	1	STD Shaft dia: 61,125 mm
<a href="#">BLQ73001025</a>	1	0,250 mm undersize
<a href="#">BLQ73001050</a>	1	0,500 mm undersize
<a href="#">BLQ73001075</a>	1	0,750 mm undersize
<a href="#">BLQ73001100</a>	1	1,000 mm undersize
		
<a href="#">KPQ73001</a>	1	With JC
<a href="#">JCQ73001</a>	1	
<a href="#">KAQ73001</a>	8	
<a href="#">SVQ73001</a>	1	
<a href="#">SAQ73001</a>	1	
<a href="#">KDQ73001</a>	1	
		
<a href="#">CBQ73001SET</a>	1	Engine set
<a href="#">CBQ73001A</a>	13	Total length: 115,5 mm

REF	Qty./eng.	Remarks
<a href="#">CBQ73001B</a>	7	
<a href="#">VPQ73001</a>	1	
<a href="#">BBQ73001</a>	8	
<a href="#">BMQ73001</a>	8	
		
<a href="#">OPQ73001</a>	1	
<a href="#">WPQ73001</a>	1	Total height: 106,0 mm Total length: 107,0 mm With gasket 
		
<a href="#">NAQ73001</a>	1	
<a href="#">NTQ73001</a>	1	
<a href="#">KTQ73001</a>	1	
<a href="#">TTQ73001</a>	1	
		
<a href="#">OFQ73001</a>	1	
<a href="#">GBQ73001</a>	4	
<a href="#">ITQ73001</a>	4	






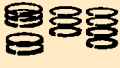

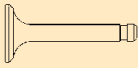







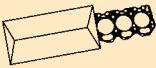




USED FOR  
**KOMATSU**















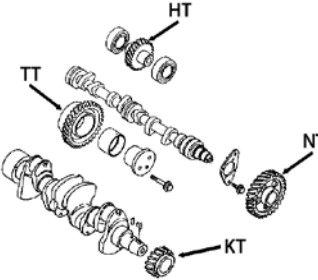







Used for: **KOMATSU 4D94E**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm**

In: **KOMATSU**

REF	Qty./eng.	Remarks
  		
<a href="#">PP107005</a>	4	
<a href="#">PC107005</a>	8	
<a href="#">1SE107005STD</a>	4	STD
<a href="#">1SE107005025</a>	4	0,250 mm oversize
<a href="#">1SE107005050</a>	4	0,500 mm oversize
<a href="#">1SE107005100</a>	4	1,000 mm oversize
<a href="#">PISE107005STD</a>	4	STD, without piston pin
<a href="#">PISE107005025</a>	4	0,250 mm oversize Without piston pin
<a href="#">PISE107005050</a>	4	0,500 mm oversize Without piston pin
<a href="#">PISE107005100</a>	4	1,000 mm oversize Without piston pin
  		
<a href="#">IK107005</a>	4	
<a href="#">UK107005</a>	4	
<a href="#">KS107005</a>	8	
<a href="#">KG107005</a>	8	
    		
<a href="#">2HL107005STD</a>	5	STD
<a href="#">2HL107005025</a>	5	0,250 mm undersize
<a href="#">2AL107005STD</a>	2	STD
<a href="#">2AL107005025</a>	2	0,250 mm undersize
<a href="#">BL107005STD</a>	4	STD
<a href="#">BL107005025</a>	4	0,250 mm undersize
<a href="#">PB107005</a>	4	
<a href="#">NL107005</a>	1	
   		
<a href="#">KP107005A</a>	1	Up to engine serial nr. 33541, use liquid oil pan gasket
<a href="#">KP107005B</a>	1	From engine serial nr. 33542, use liquid oil pan gasket
<a href="#">BP107005A</a>	1	With JCA, with valve seals
<a href="#">BP107005B</a>	1	With JCB, with valve seals
<a href="#">CP107005</a>	1	With liquid oil pan gasket
<a href="#">JC107005A</a>	1	Metallic
		

REF	Qty./eng.	Remarks
<a href="#">JC107005B</a>	1	Carbon
		
<a href="#">KA107005A</a>	4	Intake
<a href="#">KA107005B</a>	4	Exhaust
<a href="#">SV107005</a>	1	
<a href="#">SA107005</a>	1	
<a href="#">KD107005</a>	1	
  		
<a href="#">CB107005</a>	18	
<a href="#">VP107005</a>	1	
<a href="#">BB107005</a>	8	
 		
<a href="#">OP107005</a>	1	
		
<a href="#">WP107005</a>	1	Total height: 131,0 mm Total length: 250,0 mm
 		With gasket
    		
<a href="#">NA107005</a>	1	
<a href="#">NT107005</a>	1	
<a href="#">KT107005</a>	1	
<a href="#">TT107005</a>	1	
<a href="#">HT107005</a>	1	
		
    		
<a href="#">OF107005</a>	1	
<a href="#">GB107005</a>	4	
<a href="#">IT107005</a>	4	



Used for: **KOMATSU 4D95**

Specifications: **Diesel · 4 cylinders · Bore: 95,00 mm**

In: **KOMATSU**

Used for: KOMATSU

REF	Qty./eng.	Remarks
<a href="#">PI107001STDA</a>	4	STD Height: 104,0 mm, without piston pin and rings
<a href="#">PI107001025A</a>	4	0,250 mm oversize Height: 104,0 mm, without piston pin and rings
<a href="#">PI107001050A</a>	4	0,500 mm oversize Height: 104,0 mm, without piston pin and rings
<a href="#">PI107001STDB</a>	4	STD, Height: 94,0 mm, without piston pin and rings
<a href="#">PI107001025B</a>	4	0,250 mm oversize Height: 94,0 mm, without piston pin and rings
<a href="#">PI107001050B</a>	4	0,500 mm oversize Height: 94,0 mm, without piston pin and rings
<a href="#">PI107001STDC</a>	4	STD, Height: 94,0 mm, without piston pin and rings
<a href="#">PI107001025C</a>	4	0,250 mm oversize Height: 94,0 mm, without piston pin and rings
<a href="#">PI107001050C</a>	4	0,500 mm oversize Height: 94,0 mm, without piston pin and rings
<a href="#">PI107001STDD</a>	4	STD, Height: 104,0 mm, without piston pin and rings
<a href="#">PI107001025D</a>	4	0,250 mm oversize Height: 104,0 mm, without piston pin and rings
<a href="#">PI107001050D</a>	4	0,500 mm oversize Height: 104,0 mm, without piston pin and rings
<a href="#">PP107001</a>	4	
<a href="#">PC107001</a>	8	
<a href="#">1SE107001STDA</a>	4	STD, for piston A and B
<a href="#">1SE107001025A</a>	4	0,250 mm oversize, for piston A and B
<a href="#">1SE107001050A</a>	4	0,500 mm oversize, for piston A and B
<a href="#">1SE107001STDD</a>	4	STD, for piston C and D
<a href="#">1SE107001025D</a>	4	0,250 mm oversize, for piston C and D
<a href="#">1SE107001050D</a>	4	0,500 mm oversize, for piston C and D
<a href="#">CH107001</a>	4	Finished
<a href="#">IK107001</a>	4	
<a href="#">UK107001</a>	4	
<a href="#">KS107001</a>	8	
<a href="#">KG107001</a>	8	

REF	Qty./eng.	Remarks
<a href="#">2HL107001STD</a>	5	STD shaft dia: 70,015 mm
<a href="#">2HL107001025</a>	5	0,250 mm undersize
<a href="#">2HL107001050</a>	5	0,500 mm undersize
<a href="#">2HL107001075</a>	5	0,750 mm undersize
<a href="#">2HL107001100</a>	5	1,000 mm undersize
<a href="#">AL107001STD</a>	1	STD shaft dia: 77,300 mm STD thickness: 3,120 mm
<a href="#">AL107001025</a>	1	0,250 mm undersize
<a href="#">AL107001050</a>	1	0,500 mm undersize
<a href="#">AL107001075</a>	1	0,750 mm undersize
<a href="#">AL107001100</a>	1	1,000 mm undersize
<a href="#">BL107001STD</a>	4	STD shaft dia: 57,015 mm
<a href="#">BL107001025</a>	4	0,250 mm undersize
<a href="#">BL107001050</a>	4	0,500 mm undersize
<a href="#">BL107001075</a>	4	0,750 mm undersize
<a href="#">BL107001100</a>	4	1,000 mm undersize
<a href="#">PB107001</a>	4	
<a href="#">1NL107001A</a>	1	STD shaft dia: 50,520 mm Max. length: 23,000 mm
<a href="#">1NL107001B</a>	2	STD shaft dia: 50,520 mm Max. length: 18,000 mm
<a href="#">BP107001A</a>	1	With 4 valve seals + JCA
<a href="#">BP107001B</a>	1	With 4 valve seals + JCB
<a href="#">BP107001C</a>	1	With 8 valve seals + JCA
<a href="#">JC107001A</a>	1	Indirect injection
<a href="#">JC107001B</a>	1	Direct injection
<a href="#">DP107001A</a>	1	With oil seal rear: 95,0 x 120,0 x 13,0 mm
<a href="#">DP107001B</a>	1	With oil seal rear: 95,0 x 120,0 x 17,5 mm
<a href="#">DP107001C</a>	1	With oil seal rear: 95,0 x 120,0 x 17,5 mm
<a href="#">DP107001D</a>	1	With oil seal rear: 95,0 x 120,0 x 13,0 mm
<a href="#">DP107001E</a>	1	





Used for: **KOMATSU 4D95**

Specifications: **Diesel · 4 cylinders · Bore: 95,00 mm**

In: **KOMATSU**

REF	Qty./eng.	Remarks	
<a href="#">KA107001</a>	8		
<a href="#">SV107001</a>	1		
<a href="#">SA107001A</a>	1	95,0 x 120,0 x 13,0 mm	
<a href="#">SA107001B</a>	1	95,0 x 120,0 x 17,5 mm	
<a href="#">KD107001</a>	1		
<a href="#">CB107001</a>	17		
<a href="#">VP107001</a>	1		
<a href="#">BB107001</a>	8		
<a href="#">OP107001A</a>	1	With gear with teeth in angle	
<a href="#">OP107001B</a>	1	With gear with straight teeth	
<a href="#">WP107001A</a>	1	Total height: 126,0 m Total length: 304,0 mm Without sensor holes	Without gasket
<a href="#">WP107001B</a>	1	Total height: 128,0 mm Total length: 277,0 mm Aluminium	With gasket
<a href="#">WP107001C</a>	1	Total height: 127,5 mm Total length: 242,0 mm	With gasket

REF	Qty./eng.	Remarks	
<a href="#">WP107001D</a>	1	Total height: 126,5 mm Total length: 306,0 mm With threaded sensor holes	With gasket
<a href="#">NA107001A</a>	1	Journal dia: 50,40 mm	
<a href="#">NA107001B</a>	1	Journal dia: 50,37 mm	
<a href="#">NT107001A</a>	1	Number of teeth: 48	
<a href="#">NT107001B</a>	1	Number of teeth: 52	
<a href="#">TT107001</a>	1		
<a href="#">OF107001</a>	1		
<a href="#">GB107001A</a>	4	8.5 V, thread M10 Total length: 101,0 mm	
<a href="#">GB107001B</a>	4	11 V, thread M10 Total length: 101,0 mm	
<a href="#">IT107001A</a>	4	DN05DN177 Spray angle 0° Height: 27,0 mm	
<a href="#">IT107001B</a>	4	DN4SDN223 Spray angle 4° Height: 27,0 mm	
<a href="#">IT107001C</a>	4	DLLA152P60 Height: 42,7 mm	
<a href="#">IT107001D</a>	4	DLLA150P77	

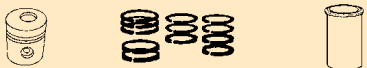
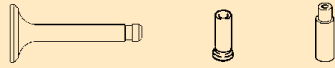
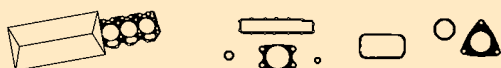



Used for: **KOMATSU 4D105**

Specifications: **Diesel · 4 cylinders · Bore: 105,00 mm**

In: **KOMATSU**

Used for: KOMATSU

REF	Qty./eng.	Remarks
		
<a href="#">PI107003STD</a>	4	STD
<a href="#">PP107003</a>	4	
<a href="#">PC107003</a>	8	
<a href="#">SE107003STD</a>	4	STD
<a href="#">PISE107003STD</a>	4	STD
<a href="#">CH107003</a>	4	
		
<a href="#">IK107003</a>	4	
<a href="#">UK107003</a>	4	
		
<a href="#">2HL107003STD</a>	5	STD
<a href="#">2HL107003025</a>	5	0,250 mm oversize
<a href="#">2HL107003050</a>	5	0,500 mm oversize
<a href="#">2HL107003075</a>	5	0,750 mm oversize
<a href="#">2HL107003100</a>	5	1,000 mm oversize
<a href="#">AL107003STD</a>	1	STD
<a href="#">AL107003025</a>	1	0,250 mm oversize
<a href="#">AL107003050</a>	1	0,500 mm oversize
<a href="#">AL107003075</a>	1	0,750 mm oversize
<a href="#">AL107003100</a>	1	1,000 mm oversize
<a href="#">BL107003STD</a>	4	STD
<a href="#">BL107003025</a>	4	0,250 mm oversize
<a href="#">BL107003050</a>	4	0,500 mm oversize
<a href="#">BL107003075</a>	4	0,750 mm oversize
<a href="#">BL107003100</a>	4	1,000 mm oversize
<a href="#">PB107003</a>	4	
<a href="#">1NL107003</a>	3	
		
<a href="#">BP107003</a>	1	
<a href="#">CP107003</a>	1	
<a href="#">JC107003</a>	1	
<a href="#">KA107003</a>	4	
<a href="#">SV107003</a>	1	
<a href="#">SA107003</a>	1	
<a href="#">KD107003</a>	1	

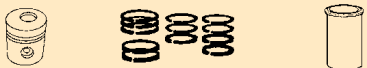
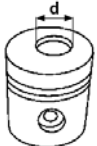
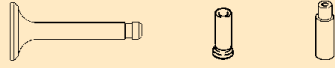
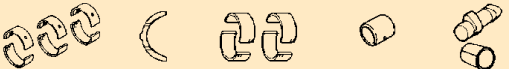
REF	Qty./eng.	Remarks
		
<a href="#">CB107003</a>	18	M14 x 140,0 mm
		
<a href="#">OP107003</a>	1	
<a href="#">WP107003</a>	1	Total height: 220,0 mm Total length: 255,0 mm  Without gasket 
		
<a href="#">NA107003</a>	1	
<a href="#">NT107003</a>	1	
<a href="#">KT107003</a>	1	
<a href="#">TT107003</a>	1	
		
<a href="#">OF107003</a>	1	
<a href="#">GB107003</a>	1	
<a href="#">IT107003A</a>	4	[-149999]
<a href="#">IT107003B</a>	4	

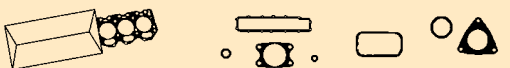

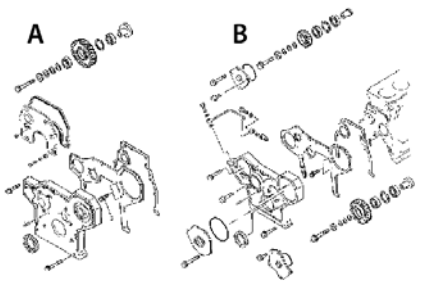





Used for: **KOMATSU 6D95**

Specifications: **Diesel · 6 cylinders · Bore: 95,00 mm**

In: **KOMATSU**

REF	Qty./eng.	Remarks	
			
<a href="#">PI107002STDA</a>	6	STD, d: 51 mm Without piston pin and rings	
<a href="#">PI107002025A</a>	6	0,250 mm oversize d: 51 mm Without piston pin and rings	
<a href="#">PI107002050A</a>	6	0,500 mm oversize d: 51 mm Without piston pin and rings	
<a href="#">PI107002STDB</a>	6	STD, d: 54 mm Without piston pin and rings	
<a href="#">PI107002025B</a>	6	0,250 mm oversize d: 54 mm Without piston pin and rings	
<a href="#">PI107002050B</a>	6	0,500 mm oversize d: 54 mm Without piston pin and rings	
<a href="#">PP107002</a>	6		
<a href="#">PC107002</a>	12		
<a href="#">1SE107002STD</a>	6	STD	
<a href="#">1SE107002025</a>	6	0,250 mm oversize	
<a href="#">1SE107002050</a>	6	0,500 mm oversize	
<a href="#">CH107002</a>	6	Finished	
			
<a href="#">IK107002</a>	6		
<a href="#">UK107002</a>	6		
<a href="#">KS107002</a>	12		
<a href="#">KG107002</a>	12		
			
<a href="#">2HL107002STD</a>	7	STD shaft dia: 70,015 mm	
<a href="#">2HL107002025</a>	7	0,250 mm undersize	
<a href="#">2HL107002050</a>	7	0,500 mm undersize	
<a href="#">2HL107002075</a>	7	0,750 mm undersize	
<a href="#">2HL107002100</a>	7	1,000 mm undersize	
<a href="#">AL107002STD</a>	1	STD shaft dia: 77,300 mm STD thickness: 3,120 mm	
<a href="#">AL107002025</a>	1	0,250 mm undersize	
<a href="#">AL107002050</a>	1	0,500 mm undersize	
<a href="#">AL107002075</a>	1	0,750 mm undersize	
<a href="#">AL107002100</a>	1	1,000 mm undersize	
<a href="#">BL107002STD</a>	6	STD shaft dia: 57,015 mm	
<a href="#">BL107002025</a>	6	0,250 mm undersize	
<a href="#">BL107002050</a>	6	0,500 mm undersize	
<a href="#">BL107002075</a>	6	0,750 mm undersize	
<a href="#">BL107002100</a>	6	1,000 mm undersize	
<a href="#">PB107002</a>	6		

REF	Qty./eng.	Remarks	
<a href="#">1NL107002A</a>	1	STD shaft dia: 50,52 mm Max. length: 23,0 mm	
<a href="#">1NL107002B</a>	3	STD shaft dia: 50,52 mm Max. length: 18,0 mm	
			
<a href="#">BP107002A</a>	1	With 12 valve seals	
<a href="#">BP107002B</a>	1	With 6 valve seals	
<a href="#">JC107002</a>	1		
<a href="#">DP107002A</a>	1	Rear seal: 95,0 x 120,0 x 17,5 mm	
<a href="#">DP107002B</a>	1	Rear seal: 95,0 x 120,0 x 17,5 mm	
<a href="#">DP107002C</a>	1	Rear seal: 95,0 x 120,0 x 13,0 mm	
<a href="#">DP107002D</a>	1	Rear seal: 95,0 x 120,0 x 13,0 mm, for FD25P-3	
<a href="#">DP107002E</a>	1	Rear seal: 95,0 x 120,0 x 13,0 mm, for FDH/60H-4, FD70N-4	
<a href="#">KA107002</a>	12		
<a href="#">SV107002</a>	1		
<a href="#">SA107002A</a>	1	95,0 x 120,0 x 13,0 mm	
<a href="#">SA107002B</a>	1	95,0 x 120,0 x 17,5 mm	
<a href="#">KD107002</a>	1		
			
			
<a href="#">CB107002</a>	25		
<a href="#">VP107002</a>	1		
<a href="#">BB107002</a>	12		
			
<a href="#">OP107002</a>	1		



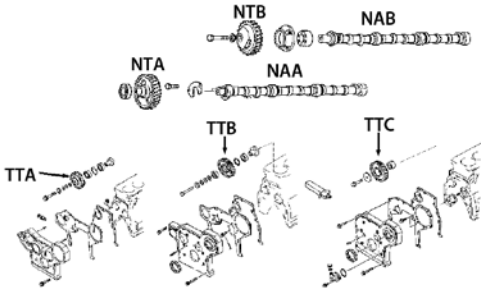



Used for: **KOMATSU 6D95**

Specifications: **Diesel · 6 cylinders · Bore: 95,00 mm**

In: **KOMATSU**

Used for: **KOMATSU**

REF	Qty./eng.	Remarks	
<a href="#">WP107002</a>	1	Total height: 142,5 mm Total length: 322,0 mm	With gasket 
			
<a href="#">NA107002A</a>	1		
<a href="#">NA107002C</a>	1	For FD50H/60H-4, FD70N-4	
<a href="#">NT107002A</a>	1	Total height: 51,5 mm Width: 30,2 mm	
<a href="#">NT107002B</a>	1	Total height: 47,0 mm Width: 25,0 mm	
<a href="#">NT107002C</a>	1	Total height: 21,0 mm Width: 17,0 mm, for FD50H/60H-4, FD70N-4	
<a href="#">NT107002D</a>	1	Total height: 25,2 mm Width: 25,2 mm	
<a href="#">KT107002</a>	1		
<a href="#">TT107002A</a>	1		
<a href="#">TT107002B</a>	1		
<a href="#">TT107002C</a>	1	For FD50H/60H-4, FD70N-4	
			
			
<a href="#">OF107002</a>	1		
<a href="#">IT107002A</a>	6	DLLA152PN097	
<a href="#">IT107002B</a>	6	DLLA152PN009	
<a href="#">IT107002C</a>	6	DLLA152PN014	



Used for: **KOMATSU 6D105-1**

Specifications: **Diesel · 6 cylinders · Bore: 105,00 mm**

In: **KOMATSU**

REF	Qty./eng.	Remarks	
<a href="#">PI107006STDA</a>	6	STD, head shape A Not reinforced	A 
<a href="#">PI107006STDB</a>	6	STD, head shape B Not reinforced	B 
<a href="#">PI107006STDC</a>	6	STD, head shape B Reinforced	
<a href="#">PP107006</a>	6	Not included with piston A and C	
<a href="#">PC107006</a>	12	Not included with piston A and C	
<a href="#">1SE107006STD</a>	6	STD	
<a href="#">CH107006</a>	6	Finished	
<a href="#">IK107006</a>	6		
<a href="#">UK107006</a>	6		
<a href="#">KG107006</a>	12		
<a href="#">2HL107006STD</a>	7	STD	
<a href="#">2HL107006025</a>	7	0,250 mm undersize	
<a href="#">2HL107006050</a>	7	0,500 mm undersize	
<a href="#">2HL107006075</a>	7	0,750 mm undersize	
<a href="#">2HL107006100</a>	7	1,000 mm undersize	
<a href="#">AL107006STD</a>	1	STD	
<a href="#">AL107006025</a>	1	0,250 mm undersize	
<a href="#">AL107006050</a>	1	0,500 mm undersize	
<a href="#">AL107006075</a>	1	0,750 mm undersize	
<a href="#">AL107006100</a>	1	1,000 mm undersize	
<a href="#">BL107006STD</a>	6	STD	
<a href="#">BL107006025</a>	6	0,250 mm undersize	
<a href="#">BL107006050</a>	6	0,500 mm undersize	
<a href="#">BL107006075</a>	6	0,750 mm undersize	
<a href="#">BL107006100</a>	6	1,000 mm undersize	
<a href="#">PB107006</a>	6		
<a href="#">1NL107006</a>	4		
<a href="#">BP107006</a>	1		
<a href="#">CP107006</a>	1		

REF	Qty./eng.	Remarks	
<a href="#">JC107006</a>	1		
<a href="#">SV107006</a>	1		
<a href="#">SA107006</a>	1		
<a href="#">KD107006</a>	1		
<a href="#">CB107006</a>	14		
<a href="#">BB107006</a>	12		
<a href="#">OP107006</a>	1		
<a href="#">WP107006</a>	1	Total height: 234,0 mm Total length: 310,0 mm	Without gasket 
<a href="#">NA107006</a>	1		
<a href="#">NT107006</a>	1		
<a href="#">TT107006</a>	1		
<a href="#">OF107006</a>	1		
<a href="#">IT107006</a>	6		





USED FOR  
**KUBOTA**



Used for: **KUBOTA V1502**

Specifications: **Diesel · 4 cylinders · Bore: 75,50 mm**

In: **TOYOTA, TCM, NISSAN**

REF	Qty./eng.	Remarks
<a href="#">4PI857001STD</a>	1	STD
<a href="#">4PI857001050</a>	1	0,500 mm oversize
<a href="#">SE857001STD</a>	1	STD
<a href="#">SE857001050</a>	1	0,500 mm oversize
<a href="#">CH857001</a>	4	Semi-finished
<a href="#">IK857001</a>	4	
<a href="#">UK857001</a>	4	
<a href="#">KS857001</a>	8	
<a href="#">IG857001</a>	4	
<a href="#">UG857001</a>	4	
<a href="#">HL857001STDA</a>	1	STD shaft dia: 52,00 mm Set of 4 pair
<a href="#">HL857001020A</a>	1	0.020" undersize
<a href="#">HL857001040A</a>	1	0.040" undersize
<a href="#">HL857001STDB</a>	1	STD shaft dia: 52,00 mm Front bearing
<a href="#">HL857001020B</a>	1	0.020" undersize
<a href="#">HL857001040B</a>	1	0.040" undersize
<a href="#">2AL857001STD</a>	2	STD
<a href="#">2AL857001020</a>	2	0,200 mm undersize
<a href="#">2AL857001040</a>	2	0,400 mm undersize
<a href="#">4BL857001STD</a>	1	STD shaft dia: 44,05 mm
<a href="#">4BL857001020</a>	1	0.020" undersize
<a href="#">4BL857001040</a>	1	0.040" undersize
<a href="#">KP857001</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP857001</a>	1	
<a href="#">JC857001</a>	1	
<a href="#">KA857001</a>	8	
<a href="#">SV857001</a>	1	
<a href="#">SA857001</a>	1	
<a href="#">KD857001</a>	1	

REF	Qty./eng.	Remarks
<a href="#">CB857001</a>	16	
<a href="#">VP857001</a>	1	
<a href="#">BB857001</a>	8	
<a href="#">OP857001</a>	1	
<a href="#">WP857001A</a>	1	Total height: 112,0 mm Total length: 303,0 mm Dia: 62,8 mm With gasket
<a href="#">WP857001B</a>	1	Total height: 117,5 mm Total length: 108,0 mm Dia: 52,3 mm Without gasket
<a href="#">WP857001C</a>	1	Total height: 115,6,0 mm Total length: 118,0 mm Dia: 63,0 mm Without gasket
<a href="#">NA857001</a>	1	With gear
<a href="#">NT857001</a>	1	
<a href="#">KT857001</a>	1	TT
<a href="#">TT857001</a>	1	NT
<a href="#">OF857001A</a>	1	Height: 133,0 mm
<a href="#">OF857001B</a>	1	Height: 118,0 mm
<a href="#">GB857001</a>	4	
<a href="#">IT857001</a>	4	



Used for: KUBOTA VT1502

Specifications: Diesel · 4 cylinders · Bore: 76,00 mm

In: TOYOTA, TCM

Used for: KUBOTA

REF	Qty./eng.	Remarks
<a href="#">4PI857002STD</a>	1	STD
<a href="#">4PI857002050</a>	1	0,500 mm oversize
<a href="#">SE857002STD</a>	1	STD
<a href="#">SE857002050</a>	1	0,500 mm oversize
<a href="#">CH857002</a>	4	Semi-finished
<a href="#">IK857002</a>	4	
<a href="#">UK857002</a>	4	
<a href="#">KS857002</a>	8	
<a href="#">IG857002</a>	4	
<a href="#">UG857002</a>	4	
<a href="#">HL857002STDA</a>	1	STD shaft dia: 52,0 mm Set of 4 pair
<a href="#">HL857002020A</a>	1	0.020" undersize
<a href="#">HL857002040A</a>	1	0.040" undersize
<a href="#">HL857002STDB</a>	1	STD shaft dia: 52,0 mm Front bearing
<a href="#">HL857002020B</a>	1	0.020" undersize
<a href="#">HL857002040B</a>	1	0.040" undersize
<a href="#">2AL857002STD</a>	2	STD
<a href="#">2AL857002020</a>	2	0,200 mm undersize
<a href="#">2AL857002040</a>	2	0,400 mm undersize
<a href="#">4BL857002STD</a>	1	STD shaft dia: 44,05 mm
<a href="#">4BL857002020</a>	1	0.020" undersize
<a href="#">4BL857002040</a>	1	0.040" undersize
<a href="#">PB857002</a>	4	
<a href="#">KP857002</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP857002</a>	1	
<a href="#">JC857002</a>	1	
<a href="#">KA857002</a>	8	
<a href="#">SV857002</a>	1	
<a href="#">SA857002</a>	1	
<a href="#">KD857002</a>	1	

REF	Qty./eng.	Remarks
<a href="#">CB857002</a>	16	
<a href="#">VP857002</a>	1	
<a href="#">BB857002</a>	8	
<a href="#">OP857002</a>	1	
<a href="#">WP857002A</a>	1	Total height: 112,0 mm Total length: 303,0 mm Dia: 62,8 mm
<a href="#">WP857002B</a>	1	Total height: 117,5 mm Total length: 108,0 mm Dia: 52,3 mm
<a href="#">NA857002</a>	1	With gear
<a href="#">NT857002</a>	1	
<a href="#">KT857002</a>	1	
<a href="#">TT857002</a>	1	
<a href="#">OF857002</a>	1	
<a href="#">GB857002</a>	4	
<a href="#">IT857002</a>	4	





USED FOR  
**MAZDA**



Used for: MAZDA F2

Specifications: **Gasoline/LPG · 4 cylinders · Bore: 86,00 mm**

In: **YALE, HYSTER, EP FORKLIFT**

REF	Qty./eng.	Remarks
<a href="#">PI395007STDA</a>	4	STD Chamber depth 4 mm
<a href="#">PI395007025A</a>	4	0,250 mm oversize Chamber depth 4 mm
<a href="#">PI395007050A</a>	4	0,500 mm oversize Chamber depth 4 mm
<a href="#">PI395007STDB</a>	4	STD Chamber depth 0,6 mm
<a href="#">PI395007025B</a>	4	0,250 mm oversize Chamber depth 0,6 mm
<a href="#">PI395007050B</a>	4	0,500 mm oversize Chamber depth 0,6 mm
<a href="#">SE395007STD</a>	1	STD
<a href="#">SE395007025</a>	1	0,250 mm oversize
<a href="#">SE395007050</a>	1	0,500 mm oversize
<a href="#">IK395007A</a>	4	Seat angle: 45°
<a href="#">IK395007B</a>	4	Seat angle: 30°
<a href="#">UK395007A</a>	4	Seat angle: 45°
<a href="#">UK395007B</a>	4	Seat angle: 30°
<a href="#">KG395007</a>	8	
<a href="#">HL395007STD</a>	1	STD shaft dia: 59,955 mm
<a href="#">HL395007025</a>	1	0,250 mm undersize
<a href="#">HL395007050</a>	1	0,500 mm undersize
<a href="#">HL395007075</a>	1	0,750 mm undersize
<a href="#">4BL395007STD</a>	1	STD shaft dia: 50,955 mm
<a href="#">4BL395007025</a>	1	0,250 mm undersize
<a href="#">4BL395007050</a>	1	0,500 mm undersize
<a href="#">4BL395007075</a>	1	0,750 mm undersize
<a href="#">KP395007</a>	1	With oil seals and valve seals
<a href="#">BP395007</a>	1	
<a href="#">JC395007</a>	1	
<a href="#">KA395007</a>	8	
<a href="#">SA395007</a>	1	
<a href="#">KD395007</a>	1	

REF	Qty./eng.	Remarks
<a href="#">CB395007</a>	10	
<a href="#">VP395007</a>	1	
<a href="#">BM395007</a>	8	
<a href="#">OP395007</a>	1	
<a href="#">WP395007</a>	1	Total height: 75,0 mm Total length: 236,0 mm With gasket 
<a href="#">NA395007</a>	1	
<a href="#">NT395007</a>	1	
<a href="#">KT395007</a>	1	
<a href="#">SK395007</a>	1	
<a href="#">DR395007</a>	1	
<a href="#">OF395007</a>	1	
<a href="#">B0395007</a>	4	



Used for: MAZDA FE

Specifications: L.P.G · 4 cylinders · Bore: 86,00 mm

In: YALE, HYSTER

Used for: MAZDA

REF	Qty./eng.	Remarks	
<a href="#">PI395004STDA</a>	4	STD Chamber depth 4 mm	
<a href="#">PI395004025A</a>	4	0,250 mm oversize Chamber depth 4 mm	
<a href="#">PI395004050A</a>	4	0,500 mm oversize Chamber depth 4 mm	
<a href="#">PI395004STDB</a>	4	STD Chamber depth 0,6 mm	
<a href="#">PI395004025B</a>	4	0,250 mm oversize Chamber depth 0,6 mm	
<a href="#">PI395004050B</a>	4	0,500 mm oversize chamber depth 0,6 mm	
<a href="#">SE395004STD</a>	1	STD	
<a href="#">SE395004025</a>	1	0,250 mm oversize	
<a href="#">SE395004050</a>	1	0,500 mm oversize	
<a href="#">IK395004A</a>	4	Seat angle: 45°	 Seat angle
<a href="#">IK395004B</a>	4	Seat angle: 30°	
<a href="#">UK395004A</a>	4	Seat angle: 45°	
<a href="#">UK395004B</a>	4	Seat angle: 30°	
<a href="#">KG395004</a>	8		
<a href="#">HL395004STDA</a>	1	STD shaft dia: 59,955 mm	 (9 x)
<a href="#">HL395004025A</a>	1	0,250 mm undersize	
<a href="#">HL395004050A</a>	1	0,500 mm undersize	
<a href="#">HL395004075A</a>	1	0,750 mm undersize	
<a href="#">HL395004100A</a>	1	1,000 mm undersize	
<a href="#">HL395004STDB</a>	1	STD shaft dia: 59,955 mm	 (5 x) + (4 x)
<a href="#">HL395004025B</a>	1	0,250 mm undersize	
<a href="#">HL395004050B</a>	1	0,500 mm undersize	
<a href="#">HL395004075B</a>	1	0,750 mm undersize	
<a href="#">4BL395004STD</a>	1	STD shaft dia: 50,955 mm	
<a href="#">4BL395004025</a>	1	0,250 mm undersize	
<a href="#">4BL395004050</a>	1	0,500 mm undersize	
<a href="#">4BL395004075</a>	1	0,750 mm undersize	
<a href="#">4BL395004100</a>	1	1,000 mm undersize	
<a href="#">KP395004A</a>	1	With front and rear oil seals and valve seals	 Gasket timing A B
<a href="#">KP395004B</a>	1	With front and rear oil seals and valve seals	
<a href="#">BP395004</a>	1		

REF	Qty./eng.	Remarks	
<a href="#">JC395004A</a>	1		
<a href="#">JC395004B</a>	1		
<a href="#">KA395004</a>	8		
<a href="#">SV395004</a>	1		
<a href="#">SA395004</a>	1		
<a href="#">KD395004</a>	1		
<a href="#">CB395004</a>	10		
<a href="#">VP395004</a>	1		
<a href="#">BM395004A</a>	8	Height: 8,0 mm	 h
<a href="#">BM395004B</a>	8	Height: 10,2 mm	 h
<a href="#">OP395004</a>	1		
<a href="#">WP395004</a>	1		
		With gasket	
<a href="#">RW395004</a>	1		
<a href="#">NA395004</a>	1		
<a href="#">NT395004A</a>	1	Width: 29,0 mm	










Used for: MAZDA

Used for: MAZDA FE

Specifications: **L.P.G** · **4 cylinders** · Bore: **86,00 mm**

In: **YALE, HYSTER**

REF	Qty./eng.	Remarks	
<a href="#">NT395004B</a>	1	Width: 23,5 mm	
<a href="#">KT395004A</a>	1	No holes	
<a href="#">KT395004B</a>	1	6 x M8 holes for fixing pulley, with dowel pin	
<a href="#">KT395004C</a>	1	6 x M6 holes for fixing pulley, no dowel pin	
<a href="#">SK395004</a>	1		
<a href="#">DR395004A</a>	1	Width: 22,0 mm	
<a href="#">DR395004B</a>	1	Width: 3/4 inch	
			
<a href="#">OF395004</a>	1		
<a href="#">B0395004</a>	4		



Used for: MAZDA HA

Specifications: Diesel · 4 cylinders · Bore: 95,00 mm

In: HYSTER, YALE

Used for: MAZDA

REF	Qty./eng.	Remarks
<a href="#">PI395005STD</a>	4	STD
<a href="#">SE395005STD</a>	1	STD
<a href="#">CH395005A</a>	4	Finished
<a href="#">AS395005</a>	4	With finished liner
<a href="#">IK395005B</a>	4	
<a href="#">UK395005</a>	4	
<a href="#">KS395005</a>	8	
<a href="#">KG395005</a>	8	
<a href="#">HL395005STD</a>	1	STD shaft dia: 75,825 mm
<a href="#">HL3950050254</a>	1	0,254 mm undersize
<a href="#">HL3950050508</a>	1	0,508 mm undersize
<a href="#">HL3950050762</a>	1	0,762 mm undersize
<a href="#">HL3950051016</a>	1	1,016 mm undersize
<a href="#">AL395005STD</a>	1	STD shaft dia: 84,700 mm STD thickness: 2,325 mm
<a href="#">4BL395005STD</a>	1	STD shaft dia: 61,125 mm
<a href="#">4BL3950050254</a>	1	0,254 mm undersize
<a href="#">4BL3950050508</a>	1	0,508 mm undersize
<a href="#">4BL3950050762</a>	1	0,762 mm undersize
<a href="#">4BL3950051016</a>	1	1,016 mm undersize
<a href="#">PB395005</a>	4	
<a href="#">KP395005</a>	1	
<a href="#">JC395005</a>	1	
<a href="#">KA395005</a>	8	
<a href="#">SV395005</a>	1	
<a href="#">SA395005</a>	1	
<a href="#">KD395005</a>	1	
<a href="#">CB395005A</a>	7	M12; L: 125 mm
<a href="#">CB395005B</a>	11	M12; L: 154 mm

REF	Qty./eng.	Remarks
<a href="#">VP395005</a>	1	
<a href="#">BB395005</a>	8	
<a href="#">BM395005</a>	8	
<a href="#">OP395005</a>	1	
<a href="#">WP395005</a>	1	Total height: 107,0 mm Total length: 182,0 mm With gasket
<a href="#">NA395005</a>	1	
<a href="#">NT395005</a>	1	
<a href="#">KT395005</a>	1	
<a href="#">TT395005</a>	1	
<a href="#">OF395005</a>	1	
<a href="#">GB395005</a>	4	
<a href="#">IT395005</a>	4	



Used for: MAZDA TM

Specifications: Diesel · 4 cylinders · Bore: 109,00 mm

In: YALE

REF	Qty./eng.	Remarks
<a href="#">PI395008STD</a>	4	STD
<a href="#">SE395008STD</a>	1	STD
<a href="#">CH395008A</a>	AR	Finished red, mark 0 - 0.013
<a href="#">CH395008B</a>	AR	Finished green, mark 0.013 - 0.026
<a href="#">IK395008</a>	4	
<a href="#">UK395008</a>	4	
<a href="#">KS395008</a>	8	
<a href="#">KG395008</a>	8	
<a href="#">HL395008STD</a>	1	STD
<a href="#">HL395008025</a>	1	0,250 mm undersize
<a href="#">HL395008050</a>	1	0,500 mm undersize
<a href="#">HL395008075</a>	1	0,750 mm undersize
<a href="#">AL395008STD</a>	1	STD
<a href="#">AL395008035</a>	1	0,350 mm undersize
<a href="#">4BL395008STD</a>	1	STD
<a href="#">4BL395008025</a>	1	0,250 mm undersize
<a href="#">4BL395008050</a>	1	0,500 mm undersize
<a href="#">4BL395008075</a>	1	0,750 mm undersize
<a href="#">PB395008</a>	4	
<a href="#">KP395008</a>	1	
<a href="#">BP395008</a>	1	
<a href="#">JC395008</a>	1	
<a href="#">KA395008A</a>	4	Exhaust
<a href="#">KA395008B</a>	4	Intake
<a href="#">SV395008</a>	1	
<a href="#">SA395008</a>	1	
<a href="#">KD395008</a>	1	
<a href="#">CB395008A</a>	11	Total length: 144,0 mm
<a href="#">CB395008B</a>	7	Total length: 172,0 mm

REF	Qty./eng.	Remarks
<a href="#">VP395008</a>	1	
<a href="#">BB395008</a>	8	
<a href="#">BM395008</a>	8	
<a href="#">OP395008</a>	1	
<a href="#">WP395008</a>	1	Total height: 138,0 mm Total length: 248,0 mm Without gasket
<a href="#">RW395008</a>	1	
<a href="#">NA395008</a>	1	
<a href="#">NT395008</a>	1	
<a href="#">TT395008</a>	1	
<a href="#">OF395008A</a>	1	106,0 mm x 1" x 135,0 mm
<a href="#">OF395008B</a>	1	94,0 mm x M20 x 126,0 mm
<a href="#">GB395008</a>	1	Intake heater
<a href="#">IT395008</a>	4	



Used for: MAZDA UA

Specifications: **Gasoline** · 4 cylinders · Bore: **75,00 mm**

In: **YALE**

REF	Qty./eng.	Remarks
<a href="#">PI395003STD</a>	4	STD
<a href="#">SE395003STD</a>	1	STD
<a href="#">CH395003</a>	4	Finished
<a href="#">4AS395003</a>	1	
<a href="#">IK395003</a>	4	
<a href="#">UK395003</a>	4	
<a href="#">KS395003</a>	8	
<a href="#">KG395003</a>	8	
<a href="#">HL395003STD</a>	1	STD shaft dia: 62,955 mm
<a href="#">HL395003025</a>	1	0,250 mm undersize
<a href="#">HL395003050</a>	1	0,500 mm undersize
<a href="#">HL395003075</a>	1	0,750 mm undersize
<a href="#">HL395003100</a>	1	1,000 mm undersize
<a href="#">4BL395003STD</a>	1	STD shaft dia: 49,955 mm
<a href="#">4BL395003025</a>	1	0,250 mm undersize
<a href="#">4BL395003050</a>	1	0,500 mm undersize
<a href="#">4BL395003075</a>	1	0,750 mm undersize
<a href="#">4BL395003100</a>	1	1,000 mm undersize
<a href="#">PB395003</a>	4	
<a href="#">BP395003</a>	1	With valve seals
<a href="#">CP395003</a>	1	
<a href="#">JC395003</a>	1	
<a href="#">DP395003</a>	1	Without front seal
<a href="#">KA395003</a>	4	Inlet
<a href="#">SV395003</a>	1	
<a href="#">SA395003</a>	1	
<a href="#">KD395003</a>	1	
<a href="#">CB395003A</a>	5	Thread: 7/16", L: 124 mm
<a href="#">CB395003B</a>	7	Thread: 7/16", L: 117 mm

REF	Qty./eng.	Remarks
<a href="#">VP395003</a>	1	
<a href="#">BB395003</a>	8	
<a href="#">OP395003</a>	1	
<a href="#">WP395003</a>	1	Total height: 116,0 mm Total length: 284,0 mm
<a href="#">RW395003</a>	1	
<a href="#">NA395003</a>	1	
<a href="#">NT395003</a>	1	
<a href="#">KT395003</a>	1	
<a href="#">OF395003</a>	1	
<a href="#">B0395003</a>	4	

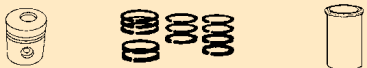
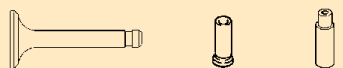
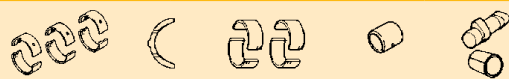
Used for: MAZDA



Used for: MAZDA VA

Specifications: **Gasoline · 4 cylinders · Bore: 82,00 mm**

In: **YALE, HYSTER, KOMATSU**

REF	Qty./eng.	Remarks
		
<a href="#">PI395002STD</a>	4	STD
<a href="#">SE395002STD</a>	1	STD
<a href="#">CH395002</a>	4	Finished
		
<a href="#">IK395002</a>	4	
<a href="#">UK395002</a>	4	
<a href="#">KS395002</a>	8	
<a href="#">KG395002</a>	8	
		
<a href="#">HL395002STD</a>	1	STD shaft dia: 62,955 mm
<a href="#">HL395002025</a>	1	0,250 mm undersize
<a href="#">HL395002050</a>	1	0,500 mm undersize
<a href="#">HL395002075</a>	1	0,750 mm undersize
<a href="#">HL395002100</a>	1	1,000 mm undersize
<a href="#">4BL395002STD</a>	1	STD shaft dia: 52,955 mm
<a href="#">4BL395002025</a>	1	0,250 mm undersize
<a href="#">4BL395002050</a>	1	0,500 mm undersize
<a href="#">4BL395002075</a>	1	0,750 mm undersize
<a href="#">4BL395002100</a>	1	1,000 mm undersize
<a href="#">4BL395002125</a>	1	1,250 mm undersize
<a href="#">4BL395002150</a>	1	1,500 mm undersize
<a href="#">PB395002</a>	4	
<a href="#">NL395002STD</a>	1	STD
<a href="#">NL3950020125</a>	1	0,125 mm undersize
<a href="#">NL395002025</a>	1	0,250 mm undersize
		
<a href="#">KP395002</a>	1	With oil seals and valve seals
<a href="#">BP395002</a>	1	With valve seals
<a href="#">CP395002</a>	1	
<a href="#">JC395002</a>	1	
<a href="#">KA395002</a>	8	
<a href="#">SV395002</a>	1	
<a href="#">SA395002</a>	1	
<a href="#">KD395002</a>	1	

REF	Qty./eng.	Remarks
		
<a href="#">CB395002A</a>	3	Thread: 7/16", L: 124 mm
<a href="#">CB395002B</a>	9	Thread: 7/16", L: 117 mm
		
<a href="#">VP395002</a>	1	
<a href="#">BB395002</a>	8	
		
<a href="#">OP395002</a>	1	
<a href="#">WP395002A</a>	1	Total height: 130,0 mm Total length: 440,0 mm Dia: 67,5 mm
		
<a href="#">WP395002B</a>	1	Total height: 116,0 mm Total length: 448,0 mm Dia: 54,0 mm
		
<a href="#">RW395002A</a>	1	For <a href="#">WP395002A</a>
<a href="#">RW395002B</a>	1	For <a href="#">WP395002B</a>
		
<a href="#">NA395002</a>	1	
<a href="#">NT395002</a>	1	
<a href="#">KT395002AA</a>	1	Width: 25,1 mm
<a href="#">KT395002AB</a>	1	Width: 30,0 mm
<a href="#">KT395002B</a>	1	Width: 23,0 mm
<a href="#">HT395002A</a>	1	For Yale, 11 splines
		
<a href="#">HT395002B</a>	1	For Hyster, 10 splines, last used on engine no 10087.2
<a href="#">HT395002C</a>	1	For Hyster, 10-1 splines, first used on engine no 10088.2
		
<a href="#">OF395002A</a>	1	Height: 94,0 mm, dia: 83,5 mm
<a href="#">OF395002B</a>	1	Height: 86,0 mm, dia: 72,0 mm
<a href="#">B0395002</a>	4	





Used for: MAZDA XA

Specifications: Diesel · 4 cylinders · Bore: 88,95 mm

In: YALE, HYSTER, KOMATSU

Used for: MAZDA

REF	Qty./eng.	Remarks	
<a href="#">PI395001STDA</a>	4	STD, for 5 rings, pin dia: 1 1/4"	
<a href="#">PI3950010254A</a>	4	0,254 mm oversize	
<a href="#">PI3950010508A</a>	4	0,508 mm oversize	
<a href="#">PI3950010764A</a>	4	0,764 mm oversize	
<a href="#">PI395001STDB</a>	4	STD, for 3 rings, piston pin dia: 28,0 mm	
<a href="#">PI395001STDC</a>	4	STD, for 3 rings, piston pin dia: 28,0 mm	
<a href="#">SE395001STDA</a>	1	STD For piston type A	
<a href="#">SE3950010254A</a>	1	0,254 mm oversize For piston type A	
<a href="#">SE3950010508A</a>	1	0,508 mm oversize For piston type A	
<a href="#">SE3950010764A</a>	1	0,764 mm oversize For piston type A	
<a href="#">SE395001STDB</a>	1	STD For piston type B	
<a href="#">SE395001STDC</a>	1	STD For piston type C	
<a href="#">PISE395001STDC</a>	4	STD With piston type C	
<a href="#">CH395001A</a>	4	Semi-finished	
<a href="#">CH395001B</a>	4	Finished	
<a href="#">IK395001A</a>	4	d: 8 mm	
<a href="#">IK395001B</a>	4	d: 9 mm	
<a href="#">UK395001A</a>	4	d: 8 mm	
<a href="#">UK395001B</a>	4	d: 9 mm	
<a href="#">KS395001</a>	8		
<a href="#">KG395001A</a>	8	d: 8,0 mm D: 12,8 mm L: 53,9 mm	
<a href="#">KG395001B</a>	8	d: 9,0 mm D: 14,0 mm L: 54,2 mm	
<a href="#">KG395001C</a>	8	d: 9,0 mm D: 14,0 mm L: 47,7 mm	





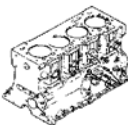





REF	Qty./eng.	Remarks	
<a href="#">HL395001STD</a>	1	STD Shaft dia: 69,825 mm	
<a href="#">HL3950010254</a>	1	0,254 mm undersize	
<a href="#">HL3950010508</a>	1	0,508 mm undersize	
<a href="#">HL3950010762</a>	1	0,762 mm undersize	
<a href="#">HL3950011016</a>	1	1,016 mm undersize	
<a href="#">AL395001STD</a>	1	STD Shaft dia: 78,700 mm Thickness: 2,325 mm	
<a href="#">AL3950010356</a>	1	0,356 mm undersize	
<a href="#">4BL395001STD</a>	1	STD Shaft dia: 57,125 mm	
<a href="#">4BL3950010254</a>	1	0,254 mm undersize	
<a href="#">4BL3950010508</a>	1	0,508 mm undersize	
<a href="#">4BL3950010762</a>	1	0,762 mm undersize	
<a href="#">4BL3950011016</a>	1	1,016 mm undersize	
<a href="#">PB395001A</a>	4	Dia: 1 1/4"	
<a href="#">PB395001B</a>	4	Dia: 28,0 mm Length: 26,6 mm	
<a href="#">PB395001C</a>	4	Dia: 28,0 mm Length: 30,6 mm	
<a href="#">KP395001A</a>	1	No oil seals	
<a href="#">KP395001B</a>	1	With front and rear oil seals and valve seals	
<a href="#">KP395001C</a>	1	With front and rear oil seals and valve seals	
<a href="#">JC395001A</a>	1		
<a href="#">JC395001C</a>	1		
<a href="#">KA395001A</a>	8	Intake, 8,0 mm	
<a href="#">KA395001B</a>	8	Exhaust, 8,0 mm	
<a href="#">KA395001C</a>	8	Intake, exhaust, 9,0 mm	
<a href="#">SV395001A</a>	1	Oil seal 70,0 x 50,0 x 11,0 mm	
<a href="#">SV395001B</a>	1	Oil seal 70,0 x 50,0 x 11,0 mm with felt ring	
<a href="#">SA395001A</a>	1	Housing and rope seal	








Used for: MAZDA XA

Specifications: Diesel · 4 cylinders · Bore: 88,95 mm

In: YALE, HYSTER, KOMATSU

REF	Qty./eng.	Remarks	
<a href="#">SA395001B</a>	1	Oil seal 125,0 x 101,6 x 13,0 mm	
<a href="#">KD395001A</a>	1		
<a href="#">KD395001B</a>	1		
			
<a href="#">CB395001A</a>	13	Thread 1/2", total length: 115,5 mm	
<a href="#">CB395001B</a>	7	Thread: 1/2", total length: 159,5 mm	
<a href="#">CB395001C</a>	11	Thread M12, total length: 134,5 mm	
<a href="#">CB395001D</a>	7	Thread M12, total length: 163,5 mm	
<a href="#">VP395001A</a>	1		
<a href="#">VP395001B</a>	1		
<a href="#">BB395001A</a>	8	Thread 7/16" UNF-20G	
<a href="#">BB395001B</a>	8	Thread M11 x 1	
<a href="#">BM395001A</a>	8		
<a href="#">BM395001B</a>	8		
			
<a href="#">OP395001A</a>	1		
<a href="#">OP395001B</a>	1		
<a href="#">OP395001C</a>	1		

REF	Qty./eng.	Remarks	
<a href="#">WP395001A</a>	1		 
<a href="#">WP395001B</a>	1	Total height: 149,0 mm Total length: 269,0 mm Dia: 80,2 mm	Without gasket  
<a href="#">WP395001C</a>	1	Total height: 107,0 mm Total length: 182,0 mm Dia: 80,0 mm	With gasket  
<a href="#">WP395001D</a>			With gasket  
<a href="#">RW395001A</a>	1		
<a href="#">RW395001B</a>	1		
			
<a href="#">NA395001</a>	1		
			
<a href="#">OF395001A</a>	1	C106 x 1" x 176,0 mm	
<a href="#">OF395001B</a>	1	C106 x 1" x 135,0 mm	
<a href="#">GB395001A</a>	4	10,5 V 90 x 20 A 21 x 12T	
<a href="#">GB395001B</a>	4	10,5 V 88 x 22 A 21 x 12S	
<a href="#">IT395001</a>	4		



Used for: MAZDA ZB

Specifications: Diesel · 6 cylinders · Bore: 92,00 mm

In: YALE

Used for: MAZDA

REF	Qty./eng.	Remarks
<a href="#">PI395006STD</a>	6	STD
<a href="#">SE395006STD</a>	1	STD
<a href="#">PISE395006STD</a>	6	STD
<a href="#">CH395006</a>	6	Finished
<a href="#">IK395006</a>	6	
<a href="#">UK395006</a>	6	
<a href="#">KS395006</a>	12	
<a href="#">KG395006</a>	12	
<a href="#">HL395006STD</a>	1	STD shaft dia: 69,825 mm
<a href="#">HL3950060254</a>	1	0,254 mm undersize
<a href="#">HL3950060508</a>	1	0,508 mm undersize
<a href="#">HL3950060762</a>	1	0,254 mm undersize
<a href="#">AL395006STD</a>	1	STD shaft dia: 78,700 mm STD thickness: 2,325 mm
<a href="#">AL3950060254</a>	1	0,254 mm undersize
<a href="#">6BL395006STD</a>	1	STD shaft dia: 57,125 mm
<a href="#">6BL395006010</a>	1	0.010" undersize
<a href="#">6BL395006020</a>	1	0.020" undersize
<a href="#">6BL3950060254</a>	1	0,254 mm undersize
<a href="#">6BL395006030</a>	1	0.030" undersize
<a href="#">6BL3950060762</a>	1	0,762 mm undersize
<a href="#">PB395006</a>	6	Dia: 1 1/4"
<a href="#">KP395006A</a>	1	Old
<a href="#">KP395006B</a>	1	GP/GLP/ GDP35/40/45/50MC, with oil seals
<a href="#">BP395006</a>	1	
<a href="#">JC395006</a>	1	
<a href="#">KA395006</a>	12	
<a href="#">SV395006</a>	1	
<a href="#">SA395006</a>	1	
<a href="#">KD395006</a>	1	

REF	Qty./eng.	Remarks
<a href="#">CB395006A</a>	16	Thread: 1/2" L: 149,0 mm
<a href="#">CB395006B</a>	12	Thread: 1/2" L: 108,0 mm
<a href="#">VP395006</a>	1	
<a href="#">BB395006</a>	12	
<a href="#">BM395006</a>	12	
<a href="#">OP395006</a>	1	
<a href="#">WP395006</a>	1	Total height: 119,0 mm Total length: 126,0 mm Without gasket
<a href="#">NA395006</a>	1	
<a href="#">NT395006</a>	1	
<a href="#">KT395006</a>	1	
<a href="#">TT395006</a>	1	
<a href="#">OF395006</a>	1	
<a href="#">GB395006</a>	6	
<a href="#">IT395006</a>	6	



USED FOR  
**MERCEDES**





Used for: **MERCEDES OM314**

Specifications: **Diesel · 4 cylinders · Bore: 97,00 mm**

In: **FENWICK, STILL, IRION**

REF	Qty./eng.	Remarks
<a href="#">1SE676001STDA</a>	4	STD, 5 rings
<a href="#">1SE676001050A</a>	4	0,500 mm oversize, 5 rings
<a href="#">1SE676001100A</a>	4	1,000 mm oversize, 5 rings
<a href="#">1SE676001STDB</a>	4	STD, 4 rings
<a href="#">1SE676001050B</a>	4	0,500 mm oversize, 4 rings
<a href="#">1SE676001100B</a>	4	1,000 mm oversize, 4 rings
<a href="#">PISE676001STDA</a>	4	STD, 5 rings/piston
<a href="#">PISE676001050A</a>	4	0,500 mm oversize 5 rings/piston
<a href="#">PISE676001100A</a>	4	1,000 mm oversize 5 rings/piston
<a href="#">PISE676001150A</a>	4	1,500 mm oversize 5 rings/piston
<a href="#">PISE676001STDB</a>	4	STD, 4 rings/piston
<a href="#">PISE676001050B</a>	4	0,500 mm oversize 4 rings/piston
<a href="#">PISE676001100B</a>	4	1,000 mm oversize 4 rings/piston
<a href="#">PISE676001150B</a>	4	1,500 mm oversize 4 rings/piston
<a href="#">CH676001A</a>	4	Semi-finished, outside dia 100,4 mm
<a href="#">CH676001B</a>	4	Semi-finished, outside dia 103,0 mm
<a href="#">AS676001AA</a>	4	PISE.STDA + CH.A
<a href="#">AS676001AB</a>	4	PISE.STDA + CH.B
<a href="#">AS676001BA</a>	4	PISE.STDB + CH.A
<a href="#">IK676001</a>	4	
<a href="#">UK676001</a>	4	
<a href="#">KS676001STD</a>	8	STD
<a href="#">IG676001STD</a>	4	STD
<a href="#">IG676001010</a>	4	0,100 mm oversize
<a href="#">IG676001020</a>	4	0,100 mm oversize
<a href="#">IG676001050</a>	4	0,500 mm oversize
<a href="#">UG676001STD</a>	4	STD
<a href="#">UG676001010</a>	4	0,100 mm oversize
<a href="#">UG676001020</a>	4	0,200 mm oversize
<a href="#">UG676001050</a>	4	0,500 mm oversize
<a href="#">HL676001STD</a>	1	STD shaft dia: 87,990-88,010 mm
<a href="#">HL676001025</a>	1	0,250 mm undersize
<a href="#">HL676001050</a>	1	0,500 mm undersize
<a href="#">HL676001075</a>	1	0,750 mm undersize
<a href="#">HL676001100</a>	1	1,000 mm undersize

REF	Qty./eng.	Remarks
<a href="#">4BL676001STD</a>	1	STD shaft dia: 59,990-60,015 mm
<a href="#">4BL676001025</a>	1	0,250 mm undersize
<a href="#">4BL676001050</a>	1	0,500 mm undersize
<a href="#">4BL676001075</a>	1	0,750 mm undersize
<a href="#">4BL676001100</a>	1	1,000 mm undersize
<a href="#">4PB676001STD</a>	1	STD
<a href="#">4PB676001020</a>	1	0,200 mm oversize
<a href="#">4PB676001050</a>	1	0,500 mm oversize
<a href="#">NL676001</a>	1	
<a href="#">KP676001A</a>	1	Up to engine no 492711
<a href="#">KP676001B</a>	1	From engine no 492712
<a href="#">BP676001</a>	1	
<a href="#">CP676001A</a>	1	For plate iron sump
<a href="#">CP676001B</a>	1	For cast iron sump
<a href="#">JC676001</a>	1	
<a href="#">8KA676001A</a>	1	Up to engine no 467999
<a href="#">8KA676001B</a>	1	From engine no 468000
<a href="#">SV676001A</a>	1	65,0 x 90,0 x 15,0 mm
<a href="#">SV676001B</a>	1	65,0 x 90,0 x 12,0 mm
<a href="#">1SA676001</a>	2	
<a href="#">KD676001</a>	1	
<a href="#">BB676001A</a>	4	Lower bolt
<a href="#">BB676001B</a>	4	Upper bolt
<a href="#">BM676001</a>	4	Nut for lower bolt
<a href="#">CG676001</a>	17	Total length: 123,0 mm
<a href="#">CM676001</a>	17	
<a href="#">OP676001</a>	1	








Used for: MERCEDES OM314

Specifications: Diesel · 4 cylinders · Bore: 97,00 mm

In: FENWICK, STILL, IRION

Used for: MERCEDES





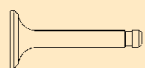







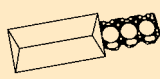



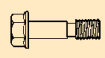






REF	Qty./eng.	Remarks
<a href="#">WP676001</a>	1	Total height: 144,5 mm Total length: 218,0 mm 
<a href="#">RW676001</a>	1	
<a href="#">NA676001</a>	1	
<a href="#">NT676001</a>	1	
<a href="#">KT676001</a>	1	
<a href="#">OF676001</a>	1	
<a href="#">IT676001</a>	4	















Used for: **MERCEDES OM617**

Specifications: **Diesel · 5 cylinders · Bore: 91,00 mm**

In: **STILL**

REF	Qty./eng.	Remarks	
   			
<a href="#">1SE676002STD</a>	5	STD	
<a href="#">PISE676002STD</a>	5	STD	
<a href="#">CH676002</a>	5	Semi-finished	
  			
<a href="#">IK676002</a>	5		
<a href="#">UK676002</a>	5		
<a href="#">IG676002</a>	5		
<a href="#">UG676002</a>	5		
    			
<a href="#">HL676002STD</a>	1	STD	
<a href="#">1AL676002STD</a>	2	STD	
<a href="#">5BL676002STD</a>	1	STD	
<a href="#">5BL676002025</a>	1	0,250 mm undersize	
<a href="#">5BL676002050</a>	1	0,500 mm undersize	
   			
<a href="#">BP676002</a>	1	JC is included in BP	
<a href="#">CP676002</a>	1		
<a href="#">10KA676002</a>	1	Set for complete engine	
<a href="#">SV676002</a>	1		
<a href="#">SA676002</a>	1		
  			
<a href="#">CB676002SET</a>	1	Engine set	
<a href="#">CB676002A</a>	8	Length: 155,0 mm	
<a href="#">CB676002B</a>	5	Length: 115,0 mm	
<a href="#">CB676002C</a>	9	Length: 130,0 mm	
<a href="#">BB676002</a>	10		
<a href="#">BM676002</a>	10		
 			
<a href="#">OP676002</a>	1		
<a href="#">WP676002A</a>	1	5 mounting holes	Without gasket
 			

REF	Qty./eng.	Remarks	
<a href="#">WP676002B</a>	1	Total height: 135,4 mm Total length: 143,0 mm 4 mounting holes	With gasket
 			
    			
<a href="#">NA676002</a>	1		
<a href="#">DK676002</a>	1		
    			
<a href="#">OF676002</a>	1		
<a href="#">IT676002</a>	5		



Used for: **MERCEDES OM904LA**

Specifications: **Diesel · 4 cylinders · Bore: 102,00 mm**

In: **MANITOU**

REF	Qty./eng.	Remarks
<a href="#">1SE676003STD</a>	4	STD
<a href="#">1SE676003030</a>	4	0,300 mm oversize
<a href="#">1SE676003060</a>	4	0,600 mm oversize
<a href="#">1SE676003090</a>	4	0,900 mm oversize
<a href="#">PISE676003STD</a>	4	STD
<a href="#">PISE676003030</a>	4	0,300 mm oversize
<a href="#">PISE676003060</a>	4	0,600 mm oversize
<a href="#">PISE676003090</a>	4	0,900 mm oversize
<a href="#">IK676003</a>	8	
<a href="#">UK656003</a>	4	
<a href="#">KS676003</a>	8	
<a href="#">KG676003STD</a>	12	STD
<a href="#">KG676003020</a>	12	0,200 mm oversize
<a href="#">KG676003050</a>	12	0,500 mm oversize
<a href="#">1HL676003STD</a>	5	STD
<a href="#">1HL676003010</a>	5	0,100 mm undersize
<a href="#">1HL676003025</a>	5	0,250 mm undersize
<a href="#">1HL676003050</a>	5	0,500 mm undersize
<a href="#">1HL676003075</a>	5	0,750 mm undersize
<a href="#">1HL676003100</a>	5	1,000 mm undersize
<a href="#">AL676003STD</a>	2	STD
<a href="#">AL676003030</a>	2	0,300 mm oversize
<a href="#">AL676003050</a>	2	0,500 mm oversize
<a href="#">BL676003STD</a>	4	STD
<a href="#">BL676003010</a>	4	0,100 mm undersize
<a href="#">BL676003025</a>	4	0,250 mm undersize
<a href="#">BL676003050</a>	4	0,500 mm undersize
<a href="#">BL676003075</a>	4	0,750 mm undersize
<a href="#">BL676003100</a>	4	1,000 mm undersize
<a href="#">1NL676003B</a>	4	
<a href="#">1NL676003A</a>	1	
<a href="#">BP676003</a>	1	
<a href="#">CP676003</a>	1	
<a href="#">JC676003</a>	1	

REF	Qty./eng.	Remarks
<a href="#">KA676003</a>	12	
<a href="#">SV676003</a>	1	
<a href="#">SA676003</a>	1	
<a href="#">KD676003</a>	1	
<a href="#">CB676003</a>	10	
<a href="#">BB676003</a>	8	
<a href="#">OP676003</a>	1	
<a href="#">WP676003</a>	1	Total height: 127,0 mm Total length: 415,0 mm With gasket
<a href="#">NA676003</a>	1	
<a href="#">KT676003</a>	1	
<a href="#">OF676003</a>	1	

Used for: **MERCEDES**



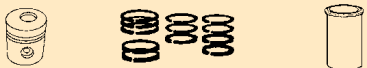
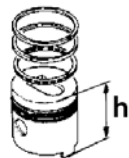
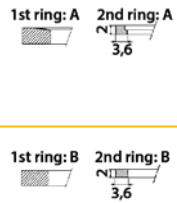
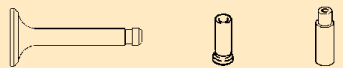
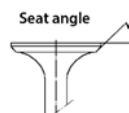
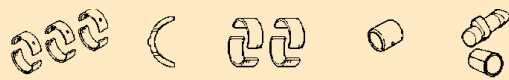
USED FOR  
**mitsubishi**

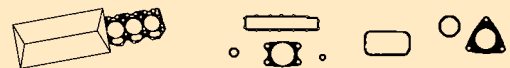
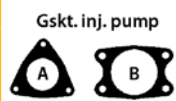
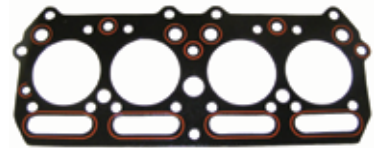
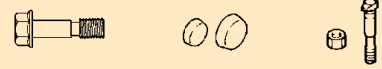
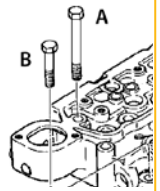




Used for: **MITSUBISHI 4DQ5(0)**

Specifications: **Diesel · 4 cylinders · Bore: 84,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty./eng.	Remarks	
			
<a href="#">PI272001STDA</a>	4	STD, h: 80,4 mm Without piston pin and rings	
<a href="#">PI272001025A</a>	4	0,250 mm oversize h: 80,4 mm Without piston pin and rings	
<a href="#">PI272001050A</a>	4	0,500 mm oversize h: 80,4 mm Without piston pin and rings	
<a href="#">PI272001075A</a>	4	0,750 mm oversize h: 80,4 mm Without piston pin and rings	
<a href="#">PI272001STDB</a>	4	STD, h: 92,4 mm Without piston pin and rings	
<a href="#">PI272001025B</a>	4	0,250 mm oversize h: 92,4 mm Without piston pin and rings	
<a href="#">PI272001050B</a>	4	0,500 mm oversize h: 92,4 mm Without piston pin and rings	
<a href="#">PI272001075B</a>	4	0,750 mm oversize h: 92,4 mm Without piston pin and rings	
<a href="#">PP272001A</a>	4	Length: 65,0 mm	
<a href="#">PP272001B</a>	4	Length: 70,0 mm	
<a href="#">PC272001</a>	8		
<a href="#">SE272001STDA</a>	1	STD	
<a href="#">SE272001025A</a>	1	0,250 mm oversize	
<a href="#">SE272001050A</a>	1	0,500 mm oversize	
<a href="#">SE272001075A</a>	1	0,750 mm oversize	
<a href="#">SE272001STDB</a>	1	STD	
<a href="#">SE272001025B</a>	1	0,250 mm oversize	
<a href="#">SE272001075B</a>	1	0,750 mm oversize	
<a href="#">SE272001050B</a>	1	0,500 mm oversize	
<a href="#">CH272001</a>	4	Semi-finished	
			
<a href="#">IK272001A</a>	4	Seat angle: 30°	
<a href="#">IK272001B</a>	4	Seat angle: 45°	
<a href="#">UK272001A</a>	4	Seat angle: 30°	
<a href="#">UK272001B</a>	4	Seat angle: 45°	
<a href="#">KS272001</a>	8		
<a href="#">KG272001</a>	8		
			
<a href="#">HL272001STD</a>	1	STD shaft dia: 64,985 mm	
<a href="#">HL272001025</a>	1	0,250 mm undersize	
<a href="#">HL272001050</a>	1	0,500 mm undersize	
<a href="#">HL272001075</a>	1	0,750 mm undersize	
<a href="#">HL272001100</a>	1	1,000 mm undersize	
<a href="#">1BL272001STD</a>	8	STD shaft dia: 57,965 mm	

REF	Qty./eng.	Remarks	
<a href="#">1BL272001025</a>	8	0,250 mm undersize	
<a href="#">1BL272001050</a>	8	0,500 mm undersize	
<a href="#">1BL272001075</a>	8	0,750 mm undersize	
<a href="#">1BL272001100</a>	8	1,000 mm undersize	
<a href="#">PB272001</a>	4	Dia: 25,0 mm	
<a href="#">NL272001</a>	1		
<a href="#">1NL272001A</a>	1		
<a href="#">1NL272001B</a>	1		
<a href="#">1NL272001C</a>	1		
			
<a href="#">KP272001A</a>	1	No oil seals and valve seals	
<a href="#">KP272001B</a>	1	No oil seals and valve seals	
<a href="#">BP272001</a>	1		
<a href="#">CP272001</a>	1		
<a href="#">JC272001</a>	1		
<a href="#">KA272001</a>	8		
<a href="#">SV272001</a>	1		
<a href="#">SA272001A</a>	1	For a wet clutch	
<a href="#">SA272001B</a>	1	For a dry clutch	
<a href="#">KD272001</a>	1		
			
<a href="#">CB272001A</a>	12	M12 x 103,0 mm	
<a href="#">CB272001B</a>	5	M12 x 60,0 mm	
<a href="#">VP272001</a>	1		
<a href="#">BB272001</a>	8		
<a href="#">BM272001</a>	8		
			
<a href="#">OP272001A</a>	1		





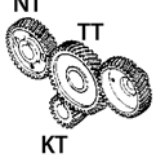








Used for: **MITSUBISHI 4DQ5(0)**

Specifications: **Diesel · 4 cylinders · Bore: 84,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty./eng.	Remarks	
<a href="#">OP272001B</a>	1		
<a href="#">WP272001A</a>	1	Total height: 142,0 mm Total length: 210,0 mm Grease lubricated	With gasket 
<a href="#">WP272001B</a>	1	Total height: 142,0 mm Total length: 210,0 mm Engine oil lubricated	With gasket 
<a href="#">R0272001A</a>	1		
<a href="#">R0272001B</a>	1		
<a href="#">RW272001</a>	1		
			
<a href="#">NA272001</a>	1		
<a href="#">NT272001</a>	1	 NT TT KT	
<a href="#">KT272001</a>	1		
<a href="#">TT272001</a>	1		
			
<a href="#">OF272001A</a>	1	Cartridge	
<a href="#">OF272001B</a>	1	Element	
<a href="#">GB272001A</a>	4	22 V M10, Total length: 85,0 mm	
<a href="#">GB272001B</a>	4	10,5 V M10, Total length: 83,0 mm	
<a href="#">GB272001C</a>	4	22,5 V M10, Total length: 102,0 mm	

REF	Qty./eng.	Remarks	
<a href="#">IT272001A</a>	4	h: 27,0 mm	
<a href="#">IT272001B</a>	4	h: 17,0 mm	

Used for: MITSUBISHI



Used for: **MITSUBISHI 4DQ7**

Specifications: **Diesel · 4 cylinders · Bore: 88,00 mm**

In: **MITSUBISHI, CATERPILLAR**

REF	Qty./eng.	Remarks
<a href="#">PI272019STD</a>	4	STD, without piston pin
<a href="#">PI272019025</a>	4	0,250 mm oversize Without piston pin
<a href="#">PI272019050</a>	4	0,500 mm oversize Without piston pin
<a href="#">PP272019</a>	4	
<a href="#">PC272019</a>	8	
<a href="#">SE272019STD</a>	1	STD
<a href="#">SE272019025</a>	1	0,250 mm oversize
<a href="#">SE272019050</a>	1	0,500 mm oversize
<a href="#">CH272019</a>	4	Semi-finished
<a href="#">IK272019</a>	4	
<a href="#">UK272019</a>	4	
<a href="#">KS272019</a>	8	
<a href="#">KG272019</a>	8	
<a href="#">HL272019STD</a>	1	STD shaft dia: 64,985 mm
<a href="#">HL272019025</a>	1	0,250 mm undersize
<a href="#">HL272019050</a>	1	0,500 mm undersize
<a href="#">HL272019075</a>	1	0,750 mm undersize
<a href="#">1BL272019STD</a>	8	STD shaft dia: 57,965 mm
<a href="#">1BL272019025</a>	8	0,250 mm undersize
<a href="#">1BL272019050</a>	8	0,500 mm undersize
<a href="#">1BL272019075</a>	8	0,750 mm undersize
<a href="#">PB272019</a>	4	STD shaft dia: 25,000 mm
<a href="#">NL272019</a>	1	
<a href="#">KP272019</a>	1	
<a href="#">BP272019</a>	1	
<a href="#">JC272019</a>	1	
<a href="#">KA272019</a>	8	
<a href="#">SV272019</a>	1	
<a href="#">SA272019A</a>	1	For torque converter and dry clutch
<a href="#">SA272019B</a>	1	For wet clutch
<a href="#">KD272019</a>	1	

REF	Qty./eng.	Remarks
<a href="#">CB272019A</a>	11	Length: 103,0 mm
<a href="#">CB272019B</a>	6	Length: 60,0 mm
<a href="#">VP272019</a>	1	
<a href="#">BB272019</a>	8	
<a href="#">BM272019</a>	8	
<a href="#">OP272019</a>	1	
<a href="#">WP272019</a>	1	Total height: 142,0 mm Total length: 210,0 mm With gasket
<a href="#">R0272019</a>	1	
<a href="#">RW272019</a>	1	
<a href="#">NA272019</a>	1	
<a href="#">NT272019</a>	1	 NT TT KT For camshaft
<a href="#">KT272019</a>	1	
<a href="#">TT272019</a>	1	
<a href="#">OF272019</a>	1	
<a href="#">GB272019</a>	4	
<a href="#">IT272019</a>	4	DNOPD21



Used for: **MITSUBISHI 4G15**

Specifications: **Gasoline · 4 cylinders · Bore: 75,50 mm**

In: **MITSUBISHI**

REF	Qty./eng.	Remarks
<a href="#">PI272017STD</a>	4	STD
<a href="#">PI272017050</a>	4	0,500 mm oversize
<a href="#">PI272017100</a>	4	1,000 mm oversize
<a href="#">SE272017STD</a>	1	STD
<a href="#">SE272017100</a>	1	1,000 mm oversize
<a href="#">SE272017050</a>	1	0,500 mm oversize
<a href="#">IK272017A</a>	4	Dia: 26,0 mm
<a href="#">IK272017B</a>	4	Dia: 31,0 mm
<a href="#">UK272017</a>	4	Dia: 33,0 mm
<a href="#">IG272017005</a>	8	0,050 mm oversize
<a href="#">IG272017025</a>	8	0,250 mm oversize
<a href="#">IG272017050</a>	8	0,500 mm oversize
<a href="#">UG272017005</a>	4	0,050 mm oversize
<a href="#">UG272017025</a>	4	0,250 mm oversize
<a href="#">UG272017050</a>	4	0,500 mm oversize
<a href="#">2HL272017STDA</a>	4	STD; straight Shaft dia: 48,00 mm
<a href="#">2HL272017STDB</a>	1	STD; flanged Shaft dia: 48,00 mm
<a href="#">BL272017STDA</a>	4	STD; width 15,5 mm
<a href="#">BL272017STDB</a>	4	STD; width 17,5 mm
<a href="#">4BL272017025A</a>	1	0,250 mm oversize Width 15,5 mm
<a href="#">4BL272017025B</a>	1	0,250 mm oversize Width 17,5 mm
<a href="#">KP272017</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP272017</a>	1	
<a href="#">JC272017</a>	1	
<a href="#">KA272017</a>	8	
<a href="#">SV272017</a>	1	
<a href="#">SA272017</a>	1	
<a href="#">KD272017</a>	1	

REF	Qty./eng.	Remarks
<a href="#">CB272017</a>	10	
<a href="#">VP272017</a>	1	
<a href="#">BB272017</a>	8	
<a href="#">BM272017</a>	8	
<a href="#">OP272017A</a>	1	
<a href="#">WP272017</a>	1	Total height: 99,0 mm Total length: 222,0 mm With gasket
<a href="#">NA272017</a>	1	
<a href="#">NT272017</a>	1	
<a href="#">KT272017</a>	1	
<a href="#">SK272017</a>	1	
<a href="#">DR272017</a>	1	
<a href="#">OF272017</a>	1	
<a href="#">B0272017</a>	4	

Used for: **MITSUBISHI**



Used for: **MITSUBISHI 4G33**

Specifications: **Gasoline · 4 cylinders · Bore: 73,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty./eng.	Remarks	
<a href="#">PI272006STDA</a>	4	STD	
<a href="#">PI272006025A</a>	4	0,250 mm oversize	
<a href="#">PI272006050A</a>	4	0,500 mm oversize	
<a href="#">PI272006075A</a>	4	0,750 mm oversize	
<a href="#">PI272006100A</a>	4	1,000 mm oversize	
<a href="#">PI272006STDB</a>	4	STD	
<a href="#">PI272006025B</a>	4	0,250 mm oversize	
<a href="#">PI272006050B</a>	4	0,500 mm oversize	
<a href="#">PI272006075B</a>	4	0,750 mm oversize	
<a href="#">PI272006100B</a>	4	1,000 mm oversize	
<a href="#">SE272006STDA</a>	1	STD 1st and 2nd ring: 1,5 mm 3rd ring: 4,0 mm	
<a href="#">SE272006025A</a>	1	0,250 mm oversize 1st and 2nd ring: 1,5 mm 3rd ring: 4,0 mm	
<a href="#">SE272006050A</a>	1	0,500 mm oversize 1st and 2nd ring: 1,5 mm 3rd ring: 4,0 mm	
<a href="#">SE272006075A</a>	1	0,750 mm oversize 1st and 2nd ring: 1,5 mm 3rd ring: 4,0 mm	
<a href="#">SE272006100A</a>	1	1,000 mm oversize 1st and 2nd ring: 1,5 mm 3rd ring: 4,0 mm	
<a href="#">SE272006STDB</a>	1	STD 1st and 2nd ring: 2,0 mm 3rd ring: 4,0 mm	
<a href="#">SE272006050B</a>	1	0,500 mm oversize 1st and 2nd ring: 2,0 mm 3rd ring: 4,0 mm	
<a href="#">SE272006075B</a>	1	0,750 mm oversize 1st and 2nd ring: 2,0 mm 3rd ring: 4,0 mm	
<a href="#">SE272006100B</a>	1	1,000 mm oversize 1st and 2nd ring: 2,0 mm 3rd ring: 4,0 mm	
<a href="#">IK272006A</a>	4	Length: 106,0 mm	
<a href="#">IK272006B</a>	4	Length: 103,5 mm	
<a href="#">UK272006A</a>	4	Length: 102,5 mm	
<a href="#">UK272006B</a>	4	Length: 100,0 mm	
<a href="#">IG272006005</a>	4	0,050 mm oversize	
<a href="#">IG272006025</a>	4	0,250 mm oversize	
<a href="#">IG272006050</a>	4	0,500 mm oversize	
<a href="#">UG272006005</a>	4	0,050 mm oversize	




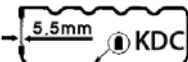





REF	Qty./eng.	Remarks	
<a href="#">UG272006025</a>	4	0,250 mm oversize	
<a href="#">UG272006050</a>	4	0,500 mm oversize	
<a href="#">HL272006STDA</a>	1	STD shaft dia: 57,000 mm	
<a href="#">HL272006025A</a>	1	0,250 mm undersize	
<a href="#">HL272006050A</a>	1	0,500 mm undersize	
<a href="#">HL272006075A</a>	1	0,750 mm undersize	
<a href="#">HL272006STDB</a>	1	STD shaft dia: 57,000 mm	
<a href="#">HL272006025B</a>	1	0,250 mm undersize	
<a href="#">HL272006050B</a>	1	0,500 mm undersize	
<a href="#">HL272006075B</a>	1	0,750 mm undersize	
<a href="#">4BL272006STD</a>	1	STD shaft dia: 45,000 mm	
<a href="#">4BL272006025</a>	1	0,250 mm undersize	
<a href="#">4BL272006050</a>	1	0,500 mm undersize	
<a href="#">4BL272006075</a>	1	0,750 mm undersize	
<a href="#">4BL272006100</a>	1	1,000 mm undersize	
<a href="#">4BL272006125</a>	1	1,250 mm undersize	
<a href="#">4BL272006150</a>	1	1,500 mm undersize	
<a href="#">KP272006A</a>	1	For engine with chain, with front and rear oil seals, with valve seals	
<a href="#">KP272006B</a>	1	With front and rear oil seals, with valve seals	
<a href="#">KP272006C</a>	1	With front and rear oil seals, with valve seals	
<a href="#">KP272006D</a>	1	With front and rear oil seals, with valve seals	
<a href="#">BP272006</a>	1	With <a href="#">JC272006C</a>	
<a href="#">JC272006A</a>	1		
<a href="#">JC272006B</a>	1		
<a href="#">JC272006C</a>	1		

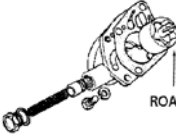



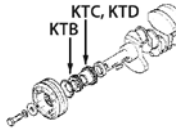




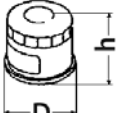


Used for: **MITSUBISHI 4G33**

Specifications: **Gasoline · 4 cylinders · Bore: 73,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty./eng.	Remarks
<a href="#">JC272006D</a>	1	
<a href="#">KA272006</a>	8	
<a href="#">SV272006</a>	1	
<a href="#">SA272006</a>	1	
<a href="#">KD272006A</a>	1	
<a href="#">KD272006B</a>	1	
<a href="#">KD272006C</a>	1	
		
<a href="#">CB272006</a>	10	
<a href="#">VP272006</a>	1	
<a href="#">BB272006</a>	8	
<a href="#">BM272006</a>	8	
		
<a href="#">OP272006A</a>	1	
<a href="#">WP272006A</a>	1	Total height: 126,6 mm Total length: 189,5 mm With gasket 
<a href="#">WP272006B</a>	1	Total height: 98,5 mm Total length: 204,5 mm With gasket 

REF	Qty./eng.	Remarks
<a href="#">RO272006A</a>	1	
<a href="#">RO272006B</a>	1	h: 11,0 mm, complete oil pump not serviced 
<a href="#">RO272006C</a>	1	h: 13,0 mm, complete oil pump not serviced 
		
<a href="#">NA272006A</a>	1	For a belt
<a href="#">NA272006B</a>	1	For a chain
<a href="#">NT272006A</a>	1	For belt type A
<a href="#">NT272006B</a>	1	For belt type B
<a href="#">KT272006A</a>	1	For belt type A
<a href="#">KT272006B</a>	1	Chain
<a href="#">KT272006C</a>	1	Chain, up to serial number 300410
<a href="#">KT272006D</a>	1	Chain, from serial number 300411 
<a href="#">KT272006E</a>	1	For belt type B
<a href="#">KT272006F</a>	1	For belt type B with key-groove
<a href="#">DK272006</a>	1	
<a href="#">SK272006A</a>	1	For a belt, fixing holes X: 91,0 mm
<a href="#">SK272006B</a>	1	For a chain
<a href="#">SK272006C</a>	1	For a belt, fixing holes X: 72,5 mm 
<a href="#">DR272006A</a>	1	
<a href="#">DR272006B</a>	1	
		
<a href="#">OF272006A</a>	1	Dia: 92,0 mm Height: 103,0 mm
<a href="#">OF272006B</a>	1	Dia: 94,0 mm Height: 78,0 mm
<a href="#">OF272006C</a>	1	Dia: 84,0 mm Height: 76,0 mm 
<a href="#">B0272006A</a>	4	W 14 EX-U
<a href="#">B0272006B</a>	4	W 16 EX-U

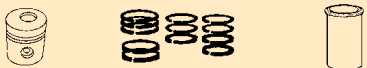

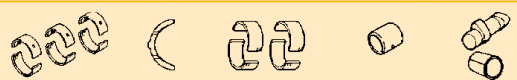
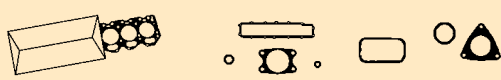











Used for: **MITSUBISHI 4G41**

Specifications: **Gasoline · 4 cylinders · Bore: 76,50 mm**

In: **MITSUBISHI**

REF	Qty./eng.	Remarks
		
<a href="#">PI272014STD</a>	4	STD
<a href="#">PI272014025</a>	4	0,250 mm oversize
<a href="#">PI272014050</a>	4	0,500 mm oversize
<a href="#">PI272014075</a>	4	0,750 mm oversize
<a href="#">PI272014100</a>	4	1,000 mm oversize
<a href="#">SE272014STD</a>	1	STD
<a href="#">SE272014025</a>	1	0,250 mm oversize
<a href="#">SE272014050</a>	1	0,500 mm oversize
<a href="#">SE272014075</a>	1	0,750 mm oversize
<a href="#">SE272014100</a>	1	1,000 mm oversize
		
<a href="#">IK272014</a>	4	
<a href="#">UK272014</a>	4	
<a href="#">KS272014</a>	8	
<a href="#">IG272014005</a>	4	0,050 mm oversize
<a href="#">IG272014025</a>	4	0,250 mm oversize
<a href="#">IG272014050</a>	4	0,500 mm oversize
<a href="#">UG272014005</a>	4	0,050 mm oversize
<a href="#">UG272014025</a>	4	0,250 mm oversize
<a href="#">UG272014050</a>	4	0,500 mm oversize
		
<a href="#">HL272014STD</a>	1	STD shaft dia: 63,993 mm
<a href="#">HL272014025</a>	1	0,250 mm undersize
<a href="#">HL272014050</a>	1	0,500 mm undersize
<a href="#">HL272014075</a>	1	0,750 mm undersize
<a href="#">HL272014100</a>	1	1,000 mm undersize
<a href="#">1AL272014STDA</a>	1	Outer, STD thickness: 3,575 mm
<a href="#">1AL272014STDB</a>	1	Inner, STD thickness: 3,575 mm
<a href="#">4BL272014STD</a>	1	STD shaft dia: 52,000 mm
<a href="#">4BL272014025</a>	1	0,250 mm undersize
<a href="#">4BL272014050</a>	1	0,500 mm undersize
<a href="#">4BL272014075</a>	1	0,750 mm undersize
<a href="#">PB272014</a>	4	
<a href="#">NL272014STD</a>	1	
		
<a href="#">KP272014</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP272014</a>	1	Without valve seals

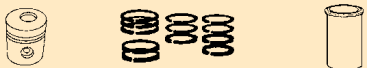
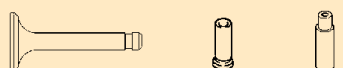
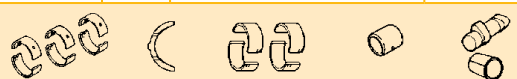
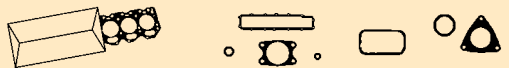
REF	Qty./eng.	Remarks
<a href="#">JC272014</a>	1	
<a href="#">KA272014</a>	8	
<a href="#">SV272014</a>	1	
<a href="#">SA272014</a>	1	
<a href="#">KD272014</a>	1	
		
<a href="#">CB272014A</a>	5	L: 85,0 mm
<a href="#">CB272014B</a>	5	L: 105,0 mm
<a href="#">VP272014</a>	1	
<a href="#">BB272014</a>	8	
		
<a href="#">OP272014</a>	1	
<a href="#">WP272014</a>	1	Total height: 98,0 mm Total length: 152,0 mm With gasket 
		
<a href="#">NA272014</a>	1	
<a href="#">NT272014</a>	1	
<a href="#">KT272014</a>	1	
<a href="#">DK272014</a>	1	
<a href="#">SK272014</a>	1	
		
<a href="#">OF272014</a>	1	
<a href="#">B0272014</a>	4	









Used for: **mitsubishi 4G52**

Specifications: **Gasoline · 4 cylinders · Bore: 84,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty./eng.	Remarks
		
<a href="#">PI272007STD</a>	4	STD
<a href="#">PI272007025</a>	4	0,250 mm oversize
<a href="#">PI272007050</a>	4	0,500 mm oversize
<a href="#">PI272007075</a>	4	0,750 mm oversize
<a href="#">PI272007100</a>	4	1,000 mm oversize
<a href="#">SE272007STD</a>	1	STD
<a href="#">SE272007025</a>	1	0,250 mm oversize
<a href="#">SE272007050</a>	1	0,500 mm oversize
<a href="#">SE272007075</a>	1	0,750 mm oversize
<a href="#">SE272007100</a>	1	1,000 mm oversize
		
<a href="#">IK272007A</a>	4	Length: 113,0 mm
<a href="#">IK272007B</a>	4	Length: 110,0 mm
<a href="#">UK272007A</a>	4	Length: 111,8 mm
<a href="#">UK272007B</a>	4	Length: 108,8 mm
<a href="#">IG272007005</a>	4	0,050 mm oversize
<a href="#">IG272007025</a>	4	0,250 mm oversize
<a href="#">IG272007050</a>	4	0,500 mm oversize
<a href="#">UG272007005</a>	4	0,050 mm oversize
<a href="#">UG272007025</a>	4	0,250 mm oversize
<a href="#">UG272007050</a>	4	0,500 mm oversize
		
<a href="#">HL272007STDA</a>	1	STD shaft dia: 66,000 mm
<a href="#">HL272007025A</a>	1	0,250 mm undersize
<a href="#">HL272007050A</a>	1	0,500 mm undersize
<a href="#">HL272007075A</a>	1	0,750 mm undersize
<a href="#">HL272007100A</a>	1	1,000 mm undersize
<a href="#">HL272007STDB</a>	1	STD shaft dia: 60,000 mm
<a href="#">HL272007025B</a>	1	0,250 mm undersize
<a href="#">HL272007050B</a>	1	0,500 mm undersize
<a href="#">HL272007075B</a>	1	0,750 mm undersize
<a href="#">HL272007100B</a>	1	1,000 mm undersize
<a href="#">4BL272007STD</a>	1	STD shaft dia: 53,000 mm
<a href="#">4BL272007025</a>	1	0,250 mm undersize
<a href="#">4BL272007050</a>	1	0,500 mm undersize
<a href="#">4BL272007075</a>	1	0,750 mm undersize
<a href="#">4BL272007100</a>	1	1,000 mm undersize
		
<a href="#">KP272007</a>	1	With front and rear oil seals, with valve seals

REF	Qty./eng.	Remarks
<a href="#">BP272007</a>	1	
<a href="#">JC272007</a>	1	
<a href="#">KA272007A</a>	4	Intake
<a href="#">KA272007B</a>	4	Exhaust
<a href="#">SV272007</a>	1	
<a href="#">SA272007</a>	1	
<a href="#">KD272007</a>	1	
		
<a href="#">CB272007</a>	10	
<a href="#">VP272007</a>	1	
<a href="#">BB272007</a>	8	
<a href="#">BM272007</a>	8	
		
<a href="#">OP272007</a>	1	
<a href="#">WP272007</a>	1	Total height: 114,0 mm Total length: 301,0 mm With gasket 
<a href="#">RO272007</a>	1	
		
<a href="#">NA272007A</a>	1	Up to engine serial number 52Z00185 ('76)
<a href="#">NA272007B</a>	1	
<a href="#">NT272007A</a>	1	Up to engine serial number 52Z00030 ('76)

Used for: **MITSUBISHI**



Used for: **MITSUBISHI 4G52**

Specifications: **Gasoline · 4 cylinders · Bore: 84,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty./eng.	Remarks	
<a href="#">NT272007B</a>	1	From engine serial number 52Z00031 and up	
<a href="#">NT272007C</a>	1		
<a href="#">KT272007A</a>	1	Number of teeth: 9	
<a href="#">KT272007B</a>	1	Number of teeth: 23	
<a href="#">KT272007C</a>	1	Number of teeth: 19	
<a href="#">DK272007</a>	1		
<a href="#">SK272007</a>	1		
<a href="#">OK272007</a>	1		
<a href="#">OF272007A</a>	1	Height: 125,0 mm	
<a href="#">OF272007B</a>	1	Height: 103,0 mm	
<a href="#">OF272007C</a>	1	Height: 78,0 mm	
<a href="#">B0272007A</a>	4	W16 EX-U	
<a href="#">B0272007B</a>	4	W14 EX-U	

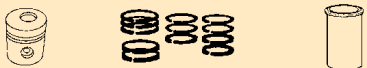
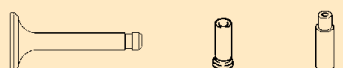

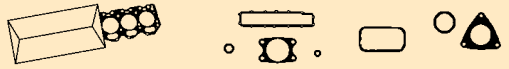







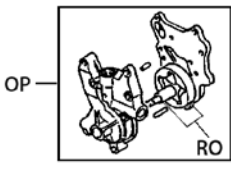

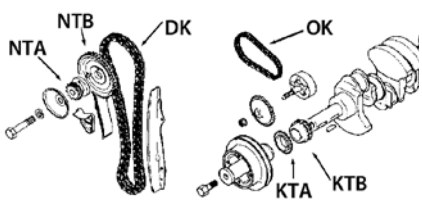
Used for: MITSUBISHI 4G53

Specifications: **Gasoline** · **4 cylinders** · Bore: **88,00 mm**

In: **MITSUBISHI**

Used for: MITSUBISHI

REF	Qty./eng.	Remarks
		
<a href="#">PI272008STD</a>	4	STD
<a href="#">PI272008025</a>	4	0,250 mm oversize
<a href="#">PI272008050</a>	4	0,500 mm oversize
<a href="#">PI272008075</a>	4	0,750 mm oversize
<a href="#">PI272008100</a>	4	1,000 mm oversize
<a href="#">SE272008STD</a>	1	STD
<a href="#">SE272008025</a>	1	0,250 mm oversize
<a href="#">SE272008050</a>	1	0,500 mm oversize
<a href="#">SE272008075</a>	1	0,750 mm oversize
<a href="#">SE272008100</a>	1	1,000 mm oversize
		
<a href="#">IK272008</a>	4	
<a href="#">UK272008</a>	4	
<a href="#">IG272008005</a>	4	0,050 mm oversize
<a href="#">IG272008025</a>	4	0,250 mm oversize
<a href="#">IG272008050</a>	4	0,500 mm oversize
<a href="#">UG272008005</a>	4	0,050 mm oversize
<a href="#">UG272008025</a>	4	0,250 mm oversize
<a href="#">UG272008050</a>	4	0,500 mm oversize
		
<a href="#">HL272008STDA</a>	1	STD shaft dia: 66,000 mm
<a href="#">HL272008025A</a>	1	0,250 mm undersize
<a href="#">HL272008050A</a>	1	0,500 mm undersize
<a href="#">HL272008075A</a>	1	0,750 mm undersize
<a href="#">HL272008100A</a>	1	1,000 mm undersize
<a href="#">HL272008STDB</a>	1	STD shaft dia: 60,000 mm
<a href="#">HL272008025B</a>	1	0,250 mm undersize
<a href="#">HL272008050B</a>	1	0,500 mm undersize
<a href="#">HL272008075B</a>	1	0,750 mm undersize
<a href="#">HL272008100B</a>	1	1,000 mm undersize
<a href="#">4BL272008STD</a>	1	STD shaft dia: 53,000 mm
<a href="#">4BL272008025</a>	1	0,250 mm undersize
<a href="#">4BL272008050</a>	1	0,500 mm undersize
<a href="#">4BL272008075</a>	1	0,750 mm undersize
<a href="#">4BL272008100</a>	1	1,000 mm undersize
		
<a href="#">KP272008</a>	1	With front and rear oil seals, with valve seals

REF	Qty./eng.	Remarks
<a href="#">JC272008</a>	1	
<a href="#">KA272008</a>	8	
<a href="#">SV272008</a>	1	
<a href="#">SA272008</a>	1	
<a href="#">KD272008</a>	1	
		
<a href="#">CB272008</a>	10	
<a href="#">VP272008</a>	1	
<a href="#">BB272008</a>	8	
<a href="#">BM272008</a>	8	
		
<a href="#">OP272008</a>	1	
<a href="#">WP272008</a>	1	Total height: 114,0 mm Total length: 301,0 mm With gasket 
<a href="#">RO272008</a>	1	
		
<a href="#">NA272008</a>	1	
<a href="#">NT272008A</a>	1	Number of teeth: 11
<a href="#">NT272008B</a>	1	Number of teeth: 38
<a href="#">KT272008A</a>	1	Number of teeth: 23



Used for: MITSUBISHI

Used for: **MITSUBISHI 4G53**

Specifications: **Gasoline** · **4 cylinders** · Bore: **88,00 mm**

In: **MITSUBISHI**

REF	Qty./eng.	Remarks
<a href="#">KT272008B</a>	1	Number of teeth: 19
<a href="#">DK272008</a>	1	
<a href="#">SK272008</a>	1	
<a href="#">OK272008</a>	1	
<a href="#">OF272008</a>	1	
<a href="#">B0272008A</a>	4	W16 EX-U
<a href="#">B0272008B</a>	4	W14 EX-U





Used for: **MITSUBISHI 4G54**

Specifications: **Gasoline · 4 cylinders · Bore: 91,10 mm**

In: **MITSUBISHI, CLARK**

Used for: MITSUBISHI

REF	Qty./eng.	Remarks
<a href="#">PI272009STD</a>	4	STD
<a href="#">PI272009025</a>	4	0,250 mm oversize
<a href="#">PI272009050</a>	4	0,500 mm oversize
<a href="#">PI272009075</a>	4	0,750 mm oversize
<a href="#">PI272009100</a>	4	1,000 mm oversize
<a href="#">SE272009STD</a>	1	STD
<a href="#">SE272009025</a>	1	0,250 mm oversize
<a href="#">SE272009050</a>	1	0,500 mm oversize
<a href="#">SE272009075</a>	1	0,750 mm oversize
<a href="#">SE272009100</a>	1	1,000 mm oversize
<a href="#">IK272009A</a>	4	Length: 110,0 mm
<a href="#">IK272009B</a>	4	Length: 108,0 mm
<a href="#">UK272009A</a>	4	Length: 108,0 mm
<a href="#">UK272009B</a>	4	Length: 106,0 mm
<a href="#">IG272009005</a>	4	0,050 mm oversize
<a href="#">IG272009025</a>	4	0,250 mm oversize
<a href="#">IG272009050</a>	4	0,500 mm oversize
<a href="#">UG272009005</a>	4	0,050 mm oversize
<a href="#">UG272009025</a>	4	0,250 mm oversize
<a href="#">UG272009050</a>	4	0,500 mm oversize
<a href="#">HL272009STDA</a>	1	STD shaft dia: 66,000 mm
<a href="#">HL272009025A</a>	1	0,250 mm undersize
<a href="#">HL272009050A</a>	1	0,500 mm undersize
<a href="#">HL272009075A</a>	1	0,750 mm undersize
<a href="#">HL272009100A</a>	1	1,000 mm undersize
<a href="#">HL272009STDB</a>	1	STD shaft dia: 60,000 mm
<a href="#">HL272009025B</a>	1	0,250 mm undersize
<a href="#">HL272009050B</a>	1	0,500 mm undersize
<a href="#">HL272009075B</a>	1	0,750 mm undersize
<a href="#">HL272009100B</a>	1	1,000 mm undersize
<a href="#">4BL272009STD</a>	1	STD shaft dia: 53,000 mm
<a href="#">4BL272009025</a>	1	0,250 mm undersize
<a href="#">4BL272009050</a>	1	0,500 mm undersize
<a href="#">4BL272009075</a>	1	0,750 mm undersize
<a href="#">4BL272009100</a>	1	1,000 mm undersize

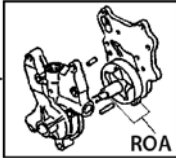

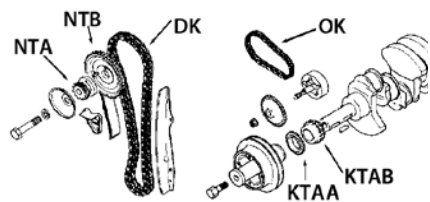




REF	Qty./eng.	Remarks
<a href="#">KP272009</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP272009</a>	1	
<a href="#">JC272009</a>	1	
<a href="#">KA272009A</a>	4	Intake
<a href="#">KA272009B</a>	4	Exhaust
<a href="#">SV272009</a>	1	
<a href="#">SA272009</a>	1	
<a href="#">KD272009</a>	1	
<a href="#">CB272009</a>	10	
<a href="#">VP272009</a>	1	
<a href="#">BB272009</a>	8	
<a href="#">BM272009</a>	8	
<a href="#">OP272009A</a>	1	
<a href="#">OP272009B</a>	1	
<a href="#">WP272009A</a>	1	Total height: 114,0 mm Total length: 301,0 mm With gasket
<a href="#">WP272009B</a>	1	Total height: 119,0 mm Total length: 215,0 mm With gasket



Used for: **MITSUBISHI 4G54**

Specifications: **Gasoline · 4 cylinders · Bore: 91,10 mm**

In: **MITSUBISHI, CLARK**

REF	Qty./eng.	Remarks	
<a href="#">R0272009</a>	1		
			
<a href="#">NA272009</a>	1		
<a href="#">NT272009A</a>	1	Number of teeth: 11	
<a href="#">NT272009B</a>	1	Number of teeth: 38	
<a href="#">KT272009AA</a>	1	Number of teeth: 23	<a href="#">KTA</a> 
<a href="#">KT272009AB</a>	1	Number of teeth: 34	<a href="#">KTAB</a> 
<a href="#">KT272009B</a>	1	Number of teeth: 19 Double of gear	
<a href="#">DK272009</a>	1		
<a href="#">SK272009</a>	1		
<a href="#">OK272009A</a>	1	Number of outer links: 24	
<a href="#">OK272009B</a>	1	Number of outer links: 45	
			
<a href="#">OF272009A</a>	1	Height: 103,0 mm	
<a href="#">OF272009B</a>	1	Height: 78,0 mm	
<a href="#">B0272009A</a>	4	W14 EX-U	
<a href="#">B0272009B</a>	4	W16 EX-U	



Used for: **MITSUBISHI 4G63**

Specifications: **Gasoline · 4 cylinders · Bore: 85,00 mm**

In: **MITSUBISHI, CLARK, CATERPILLAR, DAEWOO/DOOSAN, HYUNDAI, SAMSUNG**

REF	Qty./eng.	Remarks
<a href="#">PI272012STDA</a>	4	STD Pin 21 mm; h: 72 mm Grooves: 1,5 - 1,5 - 4,0 mm
<a href="#">PI272012025A</a>	4	0,250 mm oversize 1,5 - 1,5 - 4,0 mm
<a href="#">PI272012050A</a>	4	0,500 mm oversize 1,5 - 1,5 - 4,0 mm
<a href="#">PI272012075A</a>	4	0,750 mm oversize 1,5 - 1,5 - 4,0 mm
<a href="#">PI272012100A</a>	4	1,000 mm oversize 1,5 - 1,5 - 4,0 mm
<a href="#">PI272012STDB</a>	4	STD Pin 22 mm; h: 67 mm Grooves: 1,2 - 1,5 - 3,0 mm
<a href="#">PI272012025B</a>	4	0,250 mm oversize 1,2 - 1,5 - 3,0 mm
<a href="#">PI272012050B</a>	4	0,500 mm oversize 1,2 - 1,5 - 3,0 mm
<a href="#">PI272012075B</a>	4	0,750 mm oversize 1,2 - 1,5 - 3,0 mm
<a href="#">PI272012100B</a>	4	1,000 mm oversize 1,2 - 1,5 - 3,0 mm
<a href="#">SE272012STDA</a>	1	STD Rings: 1,5 - 1,5 - 4,0 mm
<a href="#">SE272012025A</a>	1	0,250 mm oversize 1,5 - 1,5 - 4,0 mm
<a href="#">SE272012050A</a>	1	0,500 mm oversize 1,5 - 1,5 - 4,0 mm
<a href="#">SE272012075A</a>	1	0,750 mm oversize 1,5 - 1,5 - 4,0 mm
<a href="#">SE272012100A</a>	1	1,000 mm oversize 1,5 - 1,5 - 4,0 mm
<a href="#">SE272012STDB</a>	1	STD Rings: 1,2 - 1,5 - 3,0 mm
<a href="#">SE272012025B</a>	1	0,250 mm oversize 1,2 - 1,5 - 3,0 mm
<a href="#">SE272012050B</a>	1	0,500 mm oversize 1,2 - 1,5 - 3,0 mm
<a href="#">SE272012075B</a>	1	0,750 mm oversize 1,2 - 1,5 - 3,0 mm
<a href="#">SE272012100B</a>	1	1,000 mm oversize 1,2 - 1,5 - 3,0 mm
<a href="#">IK272012</a>	4	
<a href="#">UK272012</a>	4	
<a href="#">KS272012</a>	8	Lash adjuster
<a href="#">IG272012005</a>	4	0,050 mm oversize
<a href="#">IG272012025</a>	4	0,250 mm oversize
<a href="#">IG272012050</a>	4	0,500 mm oversize
<a href="#">UG272012005</a>	4	0,050 mm oversize
<a href="#">UG272012025</a>	4	0,250 mm oversize
<a href="#">UG272012050</a>	4	0,500 mm oversize

REF	Qty./eng.	Remarks
<a href="#">HL272012STDA</a>	1	STD; width: 22,8 mm Shaft dia: 57,000 mm
<a href="#">HL272012025A</a>	1	0,250 mm undersize Width: 22,8 mm
<a href="#">HL272012050A</a>	1	0,500 mm undersize Width: 22,8 mm
<a href="#">HL272012075A</a>	1	0,750 mm undersize Width: 22,8 mm
<a href="#">HL272012STDB</a>	1	STD; width: 20,5 mm Shaft dia: 57,000 mm
<a href="#">HL272012025B</a>	1	0,250 mm undersize Width: 20,5 mm
<a href="#">HL272012050B</a>	1	0,500 mm undersize Width: 20,5 mm
<a href="#">HL272012075B</a>	1	0,750 mm undersize Width: 20,5 mm
<a href="#">2HL272012C</a>	4	STD; width: 23,4 mm Shaft dia: 45,00 mm Without AL
<a href="#">AL272012C</a>	1	
<a href="#">4BL272012STDA</a>	1	STD; width: 23,4 mm Shaft dia: 45,000 mm
<a href="#">4BL272012025A</a>	1	0,250 mm undersize Width: 23,4 mm
<a href="#">4BL272012050A</a>	1	0,500 mm undersize Width: 23,4 mm
<a href="#">4BL272012075A</a>	1	0,750 mm undersize Width: 23,4 mm
<a href="#">4BL272012STDB</a>	1	STD; width: 21,0 mm Shaft dia: 45,000 mm
<a href="#">4BL272012025B</a>	1	0,250 mm undersize Width: 21,0 mm
<a href="#">4BL272012050B</a>	1	0,500 mm undersize Width: 21,0 mm
<a href="#">4BL272012075B</a>	1	0,750 mm undersize Width: 21,0 mm
<a href="#">KP272012A</a>	1	With front and rear oil seals, with valve seals
<a href="#">KP272012B</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP272012</a>	1	With valve seals
<a href="#">JC272012</a>	1	









Used for: MITSUBISHI




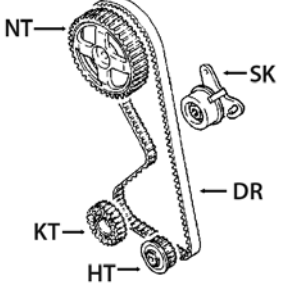



Used for: **MITSUBISHI 4G63**

Specifications: **Gasoline · 4 cylinders · Bore: 85,00 mm**

In: **MITSUBISHI, CLARK, CATERPILLAR, DAEWOO/DOOSAN, HYUNDAI, SAMSUNG**

REF	Qty./eng.	Remarks	
<a href="#">KA272012A</a>	4	Intake	
<a href="#">KA272012B</a>	4	Exhaust	
<a href="#">SV272012</a>	1		
<a href="#">SA272012A</a>	1	96,0 x 80,0 x 9,0 mm	
<a href="#">SA272012B</a>	1	112,0 x 97,0 x 8,0 mm	
<a href="#">SA272012C</a>	1	103,0 x 85,0 x 8,0 mm	
<a href="#">KD272012</a>	1		
			
<a href="#">CB272012A</a>	10	M12 x 105,0 x 1,25	
<a href="#">CB272012B</a>	10	M11 x 118,0 x 1,25	
<a href="#">VP272012</a>	1		
<a href="#">BB272012A</a>	8	M9 x 51 mm	
<a href="#">BB272012B</a>	8	M8 x 54,9 mm	
<a href="#">BM272012A</a>	8	M9 x 1 x height 10,0 mm	
<a href="#">BM272012B</a>	8	M8 x 1 x height 8,0 mm	
			
<a href="#">OP272012A</a>	1	Driven gear with straight teeth, total height: 14,0 mm	
<a href="#">OP272012B</a>	1	Drive gear with straight teeth, total height: 80,2 mm	
<a href="#">OP272012C</a>	1	Driven gear with helical teeth, total height: 14,0 mm	

REF	Qty./eng.	Remarks	
<a href="#">OP272012D</a>	1	Drive gear with helical teeth, total height: 80,2 mm	
<a href="#">WP272012</a>	1	Total height: 113,0 mm Total length: 191,0 mm	 With gasket
			
<a href="#">NA272012</a>	1		
<a href="#">NT272012</a>	1		
<a href="#">KT272012</a>	1		
<a href="#">HT272012</a>	1		
<a href="#">SK272012</a>	1		
<a href="#">DR272012</a>	1		
			
<a href="#">OF272012A</a>	1	Dia: 94,0 mm Length: 82,0 mm, M20	
<a href="#">OF272012B</a>	1	Dia: 72,0 mm Length: 82,0 mm, M20	
<a href="#">B0272012A</a>	4	W14 EX-U	
<a href="#">B0272012B</a>	4	BP4ES	



Used for: **MITSUBISHI 4G64**

Specifications: **Gasoline · 4 cylinders · Bore: 86,50 mm**

In: **MITSUBISHI, CLARK, CATERPILLAR, DAEWOO/DOOSAN, HYUNDAI, SAMSUNG, BAOLI, GOODSENSE**

REF	Qty./eng.	Remarks
		
<a href="#">PI272011STDA</a>	4	STD Pin 21 mm; h: 72 mm Grooves: 1,5 - 1,5 - 4,0 mm
<a href="#">PI272011025A</a>	4	0,250 mm oversize 1,5 - 1,5 - 4,0 mm
<a href="#">PI272011050A</a>	4	0,500 mm oversize 1,5 - 1,5 - 4,0 mm
<a href="#">PI272011075A</a>	4	0,750 mm oversize 1,5 - 1,5 - 4,0 mm
<a href="#">PI272011100A</a>	4	1,000 mm oversize 1,5 - 1,5 - 4,0 mm
<a href="#">PI272011STDB</a>	4	STD Pin 22 mm; h: 67 mm Grooves: 1,2 - 1,5 - 3,0 mm
<a href="#">PI272011025B</a>	4	0,250 mm oversize 1,2 - 1,5 - 3,0 mm
<a href="#">PI272011050B</a>	4	0,500 mm oversize 1,2 - 1,5 - 3,0 mm
<a href="#">PI272011075B</a>	4	0,750 mm oversize 1,2 - 1,5 - 3,0 mm
<a href="#">PI272011100B</a>	4	1,000 mm oversize 1,2 - 1,5 - 3,0 mm
<a href="#">SE272011STDA</a>	1	STD Rings: 1,5 - 1,5 - 4,0 mm
<a href="#">SE272011025A</a>	1	0,250 mm oversize 1,5 - 1,5 - 4,0 mm
<a href="#">SE272011050A</a>	1	0,500 mm oversize 1,5 - 1,5 - 4,0 mm
<a href="#">SE272011075A</a>	1	0,750 mm oversize 1,5 - 1,5 - 4,0 mm
<a href="#">SE272011100A</a>	1	1,000 mm oversize 1,5 - 1,5 - 4,0 mm
<a href="#">SE272011STDB</a>	1	STD Rings: 1,2 - 1,5 - 3,0 mm
<a href="#">SE272011025B</a>	1	0,250 mm oversize 1,2 - 1,5 - 3,0 mm
<a href="#">SE272011050B</a>	1	0,500 mm oversize 1,2 - 1,5 - 3,0 mm
<a href="#">SE272011075B</a>	1	0,750 mm oversize 1,2 - 1,5 - 3,0 mm
<a href="#">SE272011100B</a>	1	1,000 mm oversize 1,2 - 1,5 - 3,0 mm
		
<a href="#">IK272011</a>	4	
<a href="#">UK272011</a>	4	
<a href="#">KS272011</a>	8	Lash adjuster
<a href="#">IG272011005</a>	4	0,050 mm oversize
<a href="#">IG272011025</a>	4	0,250 mm oversize
<a href="#">IG272011050</a>	4	0,500 mm oversize
<a href="#">UG272011005</a>	4	0,050 mm oversize
<a href="#">UG272011025</a>	4	0,250 mm oversize
<a href="#">UG272011050</a>	4	0,500 mm oversize

REF	Qty./eng.	Remarks
		
<a href="#">HL272011STDA</a>	1	STD; width: 22,8 mm Shaft dia: 57,000 mm
<a href="#">HL272011025A</a>	1	0,250 mm undersize Width: 22,8 mm
<a href="#">HL272011050A</a>	1	0,500 mm undersize Width: 22,8 mm
<a href="#">HL272011075A</a>	1	0,750 mm undersize Width: 22,8 mm
<a href="#">HL272011STDB</a>	1	STD; width: 20,5 mm Shaft dia: 57,000 mm
<a href="#">HL272011025B</a>	1	0,250 mm undersize Width: 20,5 mm
<a href="#">HL272011050B</a>	1	0,500 mm undersize Width: 20,5 mm
<a href="#">HL272011075B</a>	1	0,750 mm undersize Width: 20,5 mm
<a href="#">2HL272011C</a>	5	STD; width: 23,4 mm Shaft dia: 45,00 mm Without AL
<a href="#">AL272011C</a>	1	
<a href="#">4BL272011STDA</a>	1	STD; width: 23,4 mm Shaft dia: 45,0 mm
<a href="#">4BL272011025A</a>	1	0,250 mm undersize Width: 23,4 mm
<a href="#">4BL272011050A</a>	1	0,500 mm undersize Width: 23,4 mm
<a href="#">4BL272011075A</a>	1	0,750 mm undersize Width: 23,4 mm
<a href="#">4BL272011STDB</a>	1	STD; width: 21,0 mm Shaft dia: 45,000 mm
<a href="#">4BL272011025B</a>	1	0,250 mm undersize Width: 21,0 mm
<a href="#">4BL272011050B</a>	1	0,500 mm undersize Width: 21,0 mm
<a href="#">4BL272011075B</a>	1	0,750 mm undersize Width: 21,0 mm
		
<a href="#">KP272011A</a>	1	With front and rear oil seals, with valve seals
<a href="#">KP272011B</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP272011</a>	1	With valve seals
<a href="#">JC272011</a>	1	

Used for: MITSUBISHI














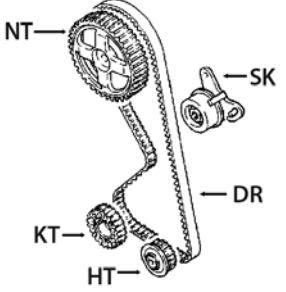
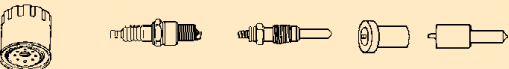


Used for: **MITSUBISHI 4G64**

Specifications: **Gasoline · 4 cylinders · Bore: 86,50 mm**

In: **MITSUBISHI, CLARK, CATERPILLAR, DAEWOO/DOOSAN, HYUNDAI, SAMSUNG, BAOLI, GOODSENSE**

REF	Qty./eng.	Remarks	
<a href="#">KA272011A</a>	4	Intake	
<a href="#">KA272011B</a>	4	Exhaust	
<a href="#">SV272011</a>	1		
<a href="#">SA272011A</a>	1	96,0 x 80,0 x 9,0 mm	
<a href="#">SA272011B</a>	1	112,0 x 97,0 x 8,0 mm, wet clutch	
<a href="#">SA272011C</a>	1	103,0 x 85,0 x 8,0 mm	
<a href="#">KD272011</a>	1		
			
<a href="#">CB272011A</a>	10	M12 x 105 x 1,25	
<a href="#">CB272011B</a>	10	M11 x 118 x 1,25 torque	
<a href="#">VP272011</a>	1		
<a href="#">BB272011A</a>	8	M9 x 1 x 56,5 mm	
<a href="#">BB272011B</a>	8	M8 x 1 x 54,8 mm	
<a href="#">BM272011A</a>	8	M9 x 1 x 9,0 mm	
<a href="#">BM272011B</a>	8	M8 x 1 x 8,0 mm	
			
<a href="#">OP272011A</a>	1	Driven gear with straight teeth	
<a href="#">OP272011B</a>	1	Drive gear with straight teeth	
<a href="#">OP272011C</a>	1	Driven gear with helical teeth	

REF	Qty./eng.	Remarks	
<a href="#">OP272011D</a>	1	Drive gear with helical teeth	
<a href="#">WP272011</a>	1	Total height: 113,0 mm Total length: 191,0 mm	
			
<a href="#">NA272011</a>	1		
<a href="#">NT272011</a>	1		
<a href="#">KT272011</a>	1		
<a href="#">HT272011</a>	1		
<a href="#">SK272011</a>	1		
<a href="#">DR272011</a>	1		
			
<a href="#">OF272011A</a>	1	Dia: 94,0 mm Length: 82,0 mm, M20	
<a href="#">OF272011B</a>	1	Dia: 72,0 mm, Length: 82,0 mm, M20	
<a href="#">B0272011A</a>	4	W14 EX-U	
<a href="#">B0272011B</a>	4	BP4ES	



Used for: **MITSUBISHI 6G72**

Specifications: **Gasoline · V6 cylinders · Bore: 91,10 mm**

In: **MITSUBISHI, CATERPILLAR**

Used for: MITSUBISHI

REF	Qty./eng.	Remarks
<a href="#">PI272015STDAR</a>	3	STD Right hand Grooves: 1,5 - 1,5 - 4,0 mm
<a href="#">PI272015STDAL</a>	3	STD Left hand Grooves: 1,5 - 1,5 - 4,0 mm
<a href="#">PI272015025AR</a>	3	0,250 mm oversize Right hand Grooves: 1,5 - 1,5 - 4,0 mm
<a href="#">PI272015025AL</a>	3	0,250 mm oversize Left hand Grooves: 1,5 - 1,5 - 4,0 mm
<a href="#">PI272015050AR</a>	3	0,500 mm oversize Right hand Grooves: 1,5 - 1,5 - 4,0 mm
<a href="#">PI272015050AL</a>	3	0,500 mm oversize Left hand Grooves: 1,5 - 1,5 - 4,0 mm
<a href="#">PI272015075AR</a>	3	0,750 mm oversize Right hand Grooves: 1,5 - 1,5 - 4,0 mm
<a href="#">PI272015075AL</a>	3	0,750 mm oversize Left hand Grooves: 1,5 - 1,5 - 4,0 mm
<a href="#">PI272015100AR</a>	3	1,000 mm oversize Right hand Grooves: 1,5 - 1,5 - 4,0 mm
<a href="#">PI272015100AL</a>	3	1,000 mm oversize Left hand Grooves: 1,5 - 1,5 - 4,0 mm
<a href="#">PI272015STD BR</a>	3	STD Right hand Grooves: 1,25-1,5-3,0 mm
<a href="#">PI272015STD BL</a>	3	STD Left hand Grooves: 1,25-1,5-3,0 mm
<a href="#">PI272015025 BR</a>	3	0,250 mm oversize Right hand Grooves: 1,25-1,5-3,0 mm
<a href="#">PI272015025 BL</a>	3	0,250 mm oversize Left hand Grooves: 1,25-1,5-3,0 mm
<a href="#">PI272015050 BR</a>	3	0,500 mm oversize Right hand Grooves: 1,25-1,5-3,0 mm
<a href="#">PI272015050 BL</a>	3	0,500 mm oversize Left hand Grooves: 1,25-1,5-3,0 mm
<a href="#">PI272015075 BR</a>	3	0,750 mm oversize Right hand Grooves: 1,25-1,5-3,0 mm
<a href="#">PI272015075 BL</a>	3	0,750 mm oversize Left hand Grooves: 1,25-1,5-3,0 mm
<a href="#">PI272015100 BR</a>	3	1,000 mm oversize Right hand Grooves: 1,25-1,5-3,0 mm
<a href="#">PI272015100 BL</a>	3	1,000 mm oversize Left hand Grooves: 1,25-1,5-3,0 mm
<a href="#">SE272015STDA</a>	1	STD; 1,5 - 1,5 - 4,0 mm

REF	Qty./eng.	Remarks
<a href="#">SE272015025A</a>	1	0,250 mm oversize 1,5 - 1,5 - 4,0 mm
<a href="#">SE272015050A</a>	1	0,500 mm oversize 1,5 - 1,5 - 4,0 mm
<a href="#">SE272015075A</a>	1	0,750 mm oversize 1,5 - 1,5 - 4,0 mm
<a href="#">SE272015STDB</a>	1	STD; 1,25 - 1,5 - 3,0 mm
<a href="#">SE272015025B</a>	1	0,250 mm oversize 1,25 - 1,5 - 3,0 mm
<a href="#">SE272015050B</a>	1	0,500 mm oversize 1,25 - 1,5 - 3,0 mm
<a href="#">SE272015075B</a>	1	0,750 mm oversize 1,25 - 1,5 - 3,0 mm
<a href="#">SE272015100B</a>	1	1,000 mm oversize 1,25 - 1,5 - 3,0 mm
<a href="#">IK272015</a>	6	
<a href="#">UK272015</a>	6	
<a href="#">KS272015</a>	12	Lash adjuster
<a href="#">IG272015005</a>	6	0,050 mm oversize
<a href="#">IG272015025</a>	6	0,250 mm oversize
<a href="#">IG272015050</a>	6	0,500 mm oversize
<a href="#">UG272015005</a>	6	0,050 mm oversize
<a href="#">UG272015025</a>	6	0,250 mm oversize
<a href="#">UG272015050</a>	6	0,500 mm oversize
<a href="#">HL272015STD</a>	1	STD shaft dia: 60,000 mm
<a href="#">HL272015025</a>	1	0,250 mm undersize
<a href="#">HL272015050</a>	1	0,500 mm undersize
<a href="#">HL272015075</a>	1	0,750 mm undersize
<a href="#">AL272015STD</a>	1	STD shaft dia: 66,250 mm
<a href="#">6BL272015STD</a>	1	STD shaft dia: 50,000 mm
<a href="#">6BL272015025</a>	1	0,250 mm undersize
<a href="#">6BL272015050</a>	1	0,500 mm undersize
<a href="#">6BL272015075</a>	1	0,750 mm undersize
<a href="#">KP272015</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP272015</a>	1	
<a href="#">JC272015</a>	2	
<a href="#">KA272015</a>	12	



Used for: **MITSUBISHI 6G72**

Specifications: **Gasoline · V6 cylinders · Bore: 91,10 mm**

In: **MITSUBISHI, CATERPILLAR**

REF	Qty./eng.	Remarks	
<a href="#">SA272015</a>	1		
<a href="#">KD272015</a>	2		
<a href="#">CB272015</a>	16		
<a href="#">VP272015</a>	1		
<a href="#">BB272015</a>	12		
<a href="#">BM272015</a>	12		
<a href="#">OP272015</a>	1		
<a href="#">WP272015</a>	1	Total height: 122,8 mm Total length: 241,0 mm	With gasket
<a href="#">R0272015A</a>	1		
<a href="#">R0272015B</a>	1		
<a href="#">NA272015A</a>	1	Right hand	
<a href="#">NA272015B</a>	1	Left hand	
<a href="#">NT272015</a>	1		
<a href="#">KT272015</a>	1		
<a href="#">SK272015</a>	1		
<a href="#">DR272015</a>	1		
<a href="#">OF272015</a>	1		
<a href="#">B0272015</a>	6		



Used for: **MITSUBISHI K15**

Specifications: **Gasoline · 4 cylinders · Bore: 75,50 mm**

In: **MITSUBISHI**

REF	Qty./eng.	Remarks
<a href="#">PI272022STD</a>	4	STD
<a href="#">PI272022050</a>	4	0,500 mm oversize
<a href="#">PI272022100</a>	4	1,000 mm oversize
<a href="#">SE272022STD</a>	1	STD
<a href="#">SE272022050</a>	1	0,500 mm oversize
<a href="#">SE272022100</a>	1	1,000 mm oversize
<a href="#">IK272022</a>	4	
<a href="#">UK272022</a>	4	
<a href="#">KS272022</a>	8	
<a href="#">HL272022STD</a>	1	STD shaft dia: 62,955 mm
<a href="#">HL272022025</a>	1	0,250 mm undersize
<a href="#">HL272022050</a>	1	0,500 mm undersize
<a href="#">HL272022075</a>	1	0,750 mm undersize
<a href="#">1BL272022STD</a>	8	STD shaft dia: 44,974 mm
<a href="#">1BL272022008</a>	8	0,080 mm undersize
<a href="#">1BL272022012</a>	8	0,120 mm undersize
<a href="#">1BL272022025</a>	8	0,250 mm undersize
<a href="#">NL272022STD</a>	1	STD
<a href="#">NL272022025</a>	1	0,250 mm oversize
<a href="#">NL272022050</a>	1	0,500 mm oversize
<a href="#">NL272022075</a>	1	1,000 mm oversize
<a href="#">KP272022</a>	1	With cylinder head gasket JCA
<a href="#">BP272022</a>	1	With cylinder head gasket JCA
<a href="#">JC272022A</a>	1	Dual fuel engines, thickness: 1,7 mm 
<a href="#">JC272022B</a>	1	LPG only, thickness: 1,0 - 1,25 mm 
<a href="#">KA272022</a>	8	
<a href="#">SV272022</a>	1	
<a href="#">SA272022</a>	1	

REF	Qty./eng.	Remarks
<a href="#">KD272022</a>	1	
<a href="#">CB272022</a>	10	
<a href="#">VP272022</a>	1	
<a href="#">BB272022</a>	8	
<a href="#">BM272022</a>	8	
<a href="#">OP272022</a>	1	
<a href="#">WP272022</a>	1	Total height: 96,0 mm Total length: 141,5 mm With gasket 
<a href="#">NA272022</a>	1	
<a href="#">NT272022</a>	1	
<a href="#">KT272022A</a>	1	For timing chain
<a href="#">KT272022B</a>	1	For hydraulic pump chain
<a href="#">HT272022A</a>	1	10 splines, number of teeth: 27
<a href="#">HT272022B</a>	1	11 splines, number of teeth: 23
<a href="#">DK272022</a>	1	
<a href="#">SK272022</a>	1	
<a href="#">HK272022A</a>	1	Number of links: 36
<a href="#">HK272022B</a>	1	Number of links: 35
<a href="#">OF272022</a>	1	
<a href="#">B0272022A</a>	4	FR2A-D
<a href="#">B0272022B</a>	4	FR2B-D



Used for: **MITSUBISHI K21**

Specifications: **Gasoline · 4 cylinders · Bore: 89,00 mm**

In: **MITSUBISHI**

REF	Qty./eng.	Remarks
<a href="#">PI272023STDA</a>	4	STD Grooves: 1,5 - 1,5 - 2,8 mm
<a href="#">PI272023050A</a>	4	0,500 mm undersize 1,5 - 1,5 - 2,8 mm
<a href="#">PI272023100A</a>	4	1,000 mm undersize 1,5 - 1,5 - 2,8 mm
<a href="#">PI272023STDB</a>	4	STD Grooves: 1,2 - 1,2 - 2,5 mm
<a href="#">PI272023050B</a>	4	0,500 mm oversize 1,2 - 1,2 - 2,5 mm
<a href="#">PI272023100B</a>	4	1,000 mm oversize 1,2 - 1,2 - 2,5 mm
<a href="#">SE272023STDA</a>	1	STD Rings: 1,5 - 1,5 - 2,8 mm
<a href="#">SE272023050A</a>	1	0,500 mm oversize 1,5 - 1,5 - 2,8 mm
<a href="#">SE272023100A</a>	1	1,000 mm oversize 1,5 - 1,5 - 2,8 mm
<a href="#">SE272023STDB</a>	1	STD Rings: 1,2 - 1,2 - 2,5 mm
<a href="#">SE272023050B</a>	1	0,500 mm oversize 1,2 - 1,2 - 2,5 mm
<a href="#">SE272023100B</a>	1	1,000 mm oversize 1,2 - 1,2 - 2,5 mm
<a href="#">IK272023</a>	4	
<a href="#">UK272023</a>	4	
<a href="#">KS272023</a>	8	
<a href="#">HL272023STD</a>	1	STD shaft dia: 62,955 mm
<a href="#">HL272023025</a>	1	0,250 mm undersize
<a href="#">HL272023050</a>	1	0,500 mm undersize
<a href="#">HL272023075</a>	1	0,750 mm undersize
<a href="#">1BL272023STD</a>	8	STD shaft dia: 44,974 mm
<a href="#">1BL272023008</a>	8	0,080 mm undersize
<a href="#">1BL272023012</a>	8	0,120 mm undersize
<a href="#">1BL272023025</a>	8	0,250 mm undersize
<a href="#">NL272023STD</a>	1	
<a href="#">NL272023025</a>	1	
<a href="#">NL272023050</a>	1	
<a href="#">NL272023075</a>	1	
<a href="#">KP272023</a>	1	With cylinder head gasket JCA
<a href="#">BP272023</a>	1	With cylinder head gasket JCA

REF	Qty./eng.	Remarks
<a href="#">JC272023A</a>	1	Dual fuel engines Thickness 1,7 mm 
<a href="#">JC272023B</a>	1	LPG only Thickness 1,0 - 1,25 mm 
<a href="#">KA272023</a>	8	
<a href="#">SV272023</a>	1	
<a href="#">SA272023</a>	1	
<a href="#">KD272023</a>	1	
<a href="#">CB272023</a>	10	
<a href="#">VP272023</a>	1	
<a href="#">BB272023</a>	8	
<a href="#">BM272023</a>	8	
<a href="#">OP272023</a>	1	
<a href="#">WP272023</a>	1	Total height: 96,0 mm Total length: 141,5 mm With gasket 
<a href="#">NA272023</a>	1	
<a href="#">NT272023</a>	1	





Used for: **MITSUBISHI K21**

Specifications: **Gasoline · 4 cylinders · Bore: 89,00 mm**

In: **MITSUBISHI**

Used for: MITSUBISHI

REF	Qty./eng.	Remarks
<a href="#">KT272023A</a>	1	For timing chain
<a href="#">KT272023B</a>	1	For hydraulic pump chain
<a href="#">HT272023B</a>	1	11 splines, number of teeth: 23
<a href="#">HT272023A</a>	1	10 splines, number of teeth: 27
<a href="#">DK272023</a>	1	
<a href="#">SK272023</a>	1	
<a href="#">HK272023A</a>	1	Number of links: 36
<a href="#">HK272023B</a>	1	Number of links: 35
<a href="#">QF272023</a>	1	
<a href="#">B0272023A</a>	4	FR2A-D
<a href="#">B0272023B</a>	4	FR2B-D



Used for: **MITSUBISHI K25**

Specifications: **Gasoline · 4 cylinders · Bore: 89,00 mm**

In: **MITSUBISHI**

REF	Qty./eng.	Remarks
<a href="#">PI272024STDA</a>	4	STD Grooves: 1,5 - 1,5 - 2,8 mm
<a href="#">PI272024050A</a>	4	0,500 mm oversize 1,5 - 1,5 - 2,8 mm
<a href="#">PI272024100A</a>	4	1,000 mm oversize 1,5 - 1,5 - 2,8 mm
<a href="#">PI272024STDB</a>	4	STD Grooves: 1,2 - 1,2 - 2,5 mm
<a href="#">PI272024050B</a>	4	0,500 mm oversize 1,2 - 1,2 - 2,5 mm
<a href="#">PI272024100B</a>	4	1,000 mm oversize 1,2 - 1,2 - 2,5 mm
<a href="#">SE272024STDA</a>	1	STD Rings: 1,5 - 1,5 - 2,8 mm
<a href="#">SE272024050A</a>	1	0,500 mm oversize 1,5 - 1,5 - 2,8 mm
<a href="#">SE272024100A</a>	1	1,000 mm oversize 1,5 - 1,5 - 2,8 mm
<a href="#">SE272024STDB</a>	1	STD Rings: 1,2 - 1,2 - 2,5 mm
<a href="#">SE272024050B</a>	1	0,500 mm oversize 1,2 - 1,2 - 2,5 mm
<a href="#">SE272024100B</a>	1	1,000 mm oversize 1,2 - 1,2 - 2,5 mm
<a href="#">IK272024</a>	4	
<a href="#">UK272024</a>	4	
<a href="#">KS272024</a>	8	
<a href="#">HL272024STD</a>	1	STD shaft dia: 62,955 mm
<a href="#">HL272024025</a>	1	0,250 mm undersize
<a href="#">HL272024050</a>	1	0,500 mm undersize
<a href="#">HL272024075</a>	1	0,750 mm undersize
<a href="#">1BL272024STD</a>	8	STD shaft dia: 44,974 mm
<a href="#">1BL272024008</a>	8	0,080 mm undersize
<a href="#">1BL272024012</a>	8	0,120 mm undersize
<a href="#">1BL272024025</a>	8	0,250 mm undersize
<a href="#">NL272024STD</a>	1	
<a href="#">NL272024025</a>	1	
<a href="#">NL272024050</a>	1	
<a href="#">NL272024075</a>	1	
<a href="#">KP272024</a>	1	With cylinder head gasket JCA
<a href="#">BP272024</a>	1	With cylinder head gasket JCA

REF	Qty./eng.	Remarks
<a href="#">JC272024A</a>	1	Dual fuel engines Thickness 1,7 mm 
<a href="#">JC272024B</a>	1	LPG only Thickness 1,0 - 1,25 mm 
<a href="#">KA272024</a>	8	
<a href="#">SV272024</a>	1	
<a href="#">SA272024</a>	1	
<a href="#">KD272024</a>	1	
<a href="#">CB272024</a>	10	
<a href="#">VP272024</a>	1	
<a href="#">BB272024</a>	8	
<a href="#">BM272024</a>	8	
<a href="#">OP272024</a>	1	
<a href="#">WP272024</a>	1	Total height: 96,0 mm Total length: 141,5 mm With gasket 
<a href="#">NA272024</a>	1	
<a href="#">NT272024</a>	1	



Used for: **MITSUBISHI K25**

Specifications: **Gasoline · 4 cylinders · Bore: 89,00 mm**

In: **MITSUBISHI**

Used for: MITSUBISHI

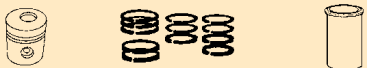

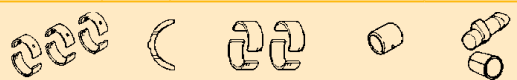
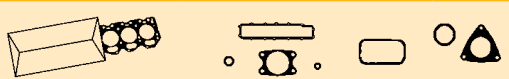

REF	Qty./eng.	Remarks
<a href="#">KT272024A</a>	1	For timing chain
<a href="#">KT272024B</a>	1	For hydraulic pump chain
<a href="#">HT272024A</a>	1	10 splines, number of teeth: 27
<a href="#">HT272024B</a>	1	11 splines, number of teeth: 23
<a href="#">DK272024</a>	1	
<a href="#">SK272024</a>	1	
<a href="#">HK272024A</a>	1	Number of links: 36
<a href="#">HK272024B</a>	1	Number of links: 35
<a href="#">OF272024</a>	1	
<a href="#">B0272024A</a>	4	FR2A-D
<a href="#">B0272024B</a>	4	FR2B-D











Used for: **MITSUBISHI KE42**

Specifications: **Gasoline · 4 cylinders · Bore: 84,00 mm**

In: **MITSUBISHI**

REF	Qty./eng.	Remarks
		
<a href="#">PI272013STD</a>	4	STD
<a href="#">PI272013025</a>	4	0,250 mm oversize
<a href="#">PI272013050</a>	4	0,500 mm oversize
<a href="#">PI272013075</a>	4	0,750 mm oversize
<a href="#">PI272013100</a>	4	1,000 mm oversize
<a href="#">SE272013STD</a>	1	STD
<a href="#">SE272013025</a>	1	0,250 mm oversize
<a href="#">SE272013050</a>	1	0,500 mm oversize
<a href="#">SE272013075</a>	1	0,750 mm oversize
<a href="#">SE272013100</a>	1	1,000 mm oversize
		
<a href="#">IK272013</a>	4	
<a href="#">UK272013</a>	4	
<a href="#">KS272013</a>	8	
<a href="#">IG272013005</a>	4	0,050 mm oversize
<a href="#">IG272013025</a>	4	0,250 mm oversize
<a href="#">IG272013050</a>	4	0,500 mm oversize
<a href="#">UG272013005</a>	4	0,050 mm oversize
<a href="#">UG272013025</a>	4	0,250 mm oversize
<a href="#">UG272013050</a>	4	0,500 mm oversize
		
<a href="#">HL272013STD</a>	1	STD
<a href="#">HL272013025</a>	1	0,250 mm undersize
<a href="#">HL272013050</a>	1	0,500 mm undersize
<a href="#">HL272013075</a>	1	0,750 mm undersize
<a href="#">1AL272013STD</a>	2	Upper and lower
<a href="#">4BL272013STD</a>	1	STD
<a href="#">4BL272013025</a>	1	0,250 mm undersize
<a href="#">4BL272013050</a>	1	0,500 mm undersize
<a href="#">4BL272013075</a>	1	0,750 mm undersize
<a href="#">PB272013</a>	4	
<a href="#">NL272013STD</a>	1	STD
<a href="#">NL272013025</a>	1	0,250 mm undersize
		
<a href="#">KP272013</a>	1	With front and rear oil seals, with valve seals
<a href="#">JC272013</a>	1	

REF	Qty./eng.	Remarks
<a href="#">KA272013</a>	8	
<a href="#">SV272013</a>	1	
<a href="#">SA272013</a>	1	
<a href="#">KD272013</a>	1	
		
<a href="#">CB272013</a>	10	
<a href="#">VP272013</a>	1	
<a href="#">BB272013</a>	8	
<a href="#">BM272013</a>	8	
		
<a href="#">OP272013A</a>	1	Engine number up to 30441
<a href="#">OP272013B</a>	1	Engine number from 30442 and up
		
<a href="#">WP272013</a>	1	Total height: 149,0 mm Total length: 365,0 mm Without gasket
		
		
<a href="#">NA272013</a>	1	
<a href="#">NT272013</a>	1	
<a href="#">KT272013</a>	1	
<a href="#">DK272013</a>	1	
<a href="#">SK272013</a>	1	
		
<a href="#">OF272013A</a>	1	Element
		
<a href="#">OF272013B</a>	1	Cartridge
		
<a href="#">B0272013</a>	4	



Used for: **MITSUBISHI KE46**

Specifications: **Gasoline · 4 cylinders · Bore: 73,00 mm**

In: **MITSUBISHI**

REF	Qty./eng.	Remarks
<a href="#">PI272016STD</a>	4	STD
<a href="#">PI272016025</a>	4	0,250 mm oversize
<a href="#">PI272016050</a>	4	0,500 mm oversize
<a href="#">PI272016075</a>	4	0,750 mm oversize
<a href="#">PI272016100</a>	4	1,000 mm oversize
<a href="#">SE272016STD</a>	1	STD
<a href="#">SE272016025</a>	1	0,250 mm oversize
<a href="#">SE272016050</a>	1	0,500 mm oversize
<a href="#">SE272016075</a>	1	0,750 mm oversize
<a href="#">SE272016100</a>	1	1,000 mm oversize
<a href="#">IK272016</a>	4	
<a href="#">UK272016</a>	4	
<a href="#">KS272016</a>	8	
<a href="#">IG272016005</a>	4	0,050 mm oversize
<a href="#">IG272016025</a>	4	0,250 mm oversize
<a href="#">IG272016050</a>	4	0,500 mm oversize
<a href="#">UG272016005</a>	4	0,050 mm oversize
<a href="#">UG272016025</a>	4	0,250 mm oversize
<a href="#">UG272016050</a>	4	0,500 mm oversize
<a href="#">HL272016STD</a>	1	STD shaft dia: 63,993 mm
<a href="#">HL272016025</a>	1	0,250 mm undersize
<a href="#">HL272016050</a>	1	0,500 mm undersize
<a href="#">HL272016075</a>	1	1,000 mm undersize
<a href="#">1AL272016STDA</a>	1	Outer, STD shaft dia: 34.300 mm
<a href="#">1AL272016STDB</a>	1	Inner, STD shaft dia: 34.300 mm
<a href="#">4BL272016STD</a>	4	STD shaft dia: 52,000 mm
<a href="#">4BL272016025</a>	4	0,250 mm undersize
<a href="#">4BL272016050</a>	4	0,500 mm undersize
<a href="#">4BL272016075</a>	4	0,750 mm undersize
<a href="#">PB272016</a>	4	
<a href="#">NL272016STD</a>	1	STD
<a href="#">NL272016025</a>	1	0,250 mm undersize
<a href="#">KP272016</a>	1	

REF	Qty./eng.	Remarks
<a href="#">JC272016</a>	1	
<a href="#">KA272016</a>	8	
<a href="#">SV272016</a>	1	
<a href="#">SA272016</a>	1	
<a href="#">KD272016</a>	1	
<a href="#">CB272016A</a>	5	M10 x 85,0 mm
<a href="#">CB272016B</a>	5	M10 x 105,0 mm
<a href="#">VP272016</a>	1	
<a href="#">BB272016</a>	8	
<a href="#">OP272016</a>	1	
<a href="#">WP272016</a>	1	Total height: 98,0 mm Total length: 152,0 mm With gasket 
<a href="#">RW272016</a>	1	
<a href="#">NA272016</a>	1	
<a href="#">NT272016</a>	1	
<a href="#">KT272016</a>	1	
<a href="#">DK272016</a>	1	
<a href="#">SK272016</a>	1	
<a href="#">OF272016</a>	1	
<a href="#">B0272016</a>	4	

Used for: **MITSUBISHI**





Used for: **MITSUBISHI S4E**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty./eng.	Remarks	
<a href="#">PI272002STDA</a>	4	STD; h: 98,5 mm Without pin and rings	
<a href="#">PI272002025A</a>	4	0,250 mm oversize h: 98,5 mm without pin and rings	
<a href="#">PI272002050A</a>	4	0,500 mm oversize h: 98,5 mm without pin and rings	
<a href="#">PI272002STDB</a>	4	STD; h: 90,0 mm Without pin and rings	
<a href="#">PI272002025B</a>	4	0,250 mm oversize h: 90,0 mm without pin and rings	
<a href="#">PI272002050B</a>	4	0,500 mm oversize h: 90,0 mm without pin and rings	
<a href="#">PP272002</a>	4		
<a href="#">PC272002</a>	8	Snap ring	
<a href="#">SE272002STD</a>	1	STD	
<a href="#">SE272002025</a>	1	0,250 mm oversize	
<a href="#">SE272002050</a>	1	0,500 mm oversize	
<a href="#">CH272002</a>	4	Semi-finished	
<a href="#">IK272002A</a>	4	Seat angle: 45°	
<a href="#">IK272002B</a>	4	Seat angle: 30°	
<a href="#">UK272002A</a>	4	Seat angle: 45°	
<a href="#">UK272002B</a>	4	Seat angle: 30°	
<a href="#">KS272002</a>	8		
<a href="#">KG272002</a>	8		
<a href="#">1HL272002STD</a>	10	STD shaft dia: 75,000 mm	
<a href="#">1HL272002025</a>	10	0,250 mm undersize	
<a href="#">1HL272002050</a>	10	0,500 mm undersize	
<a href="#">1HL272002075</a>	10	0,750 mm undersize	
<a href="#">1HL272002100</a>	10	1,000 mm undersize	
<a href="#">1AL272002STD</a>	3	STD shaft dia: 82,250 mm, STD thickness: 2,450 mm	
<a href="#">1AL272002015</a>	3	0,150 mm undersize	
<a href="#">1AL272002025</a>	3	0,250 mm undersize	
<a href="#">1AL272002030</a>	3	0,300 mm undersize	
<a href="#">1AL272002045</a>	3	0,450 mm undersize	
<a href="#">1BL272002STD</a>	8	STD shaft dia: 57,980 mm	
<a href="#">1BL272002025</a>	8	0,250 mm undersize	
<a href="#">1BL272002050</a>	8	0,500 mm undersize	
<a href="#">1BL272002075</a>	8	0,750 mm undersize	
<a href="#">1BL272002100</a>	8	1,000 mm undersize	

REF	Qty./eng.	Remarks	
<a href="#">PB272002</a>	4	STD shaft dia: 28,00 mm	
<a href="#">KP272002A</a>	1	No oil seals and valve seals	
<a href="#">KP272002B</a>	1	No oil seals and valve seals	
<a href="#">BP272002</a>	1		
<a href="#">JC272002</a>	1		
<a href="#">KA272002</a>	8		
<a href="#">SV272002A</a>		78 x 55 x 12 mm	
<a href="#">SV272002B</a>		68 x 45 x 12 mm	
<a href="#">SA272002A</a>	1	For a wet clutch	
<a href="#">SA272002B</a>	1	For a dry clutch	
<a href="#">KD272002</a>	1		
<a href="#">CB272002</a>	17		
<a href="#">VP272002</a>	1		
<a href="#">BB272002</a>	8		
<a href="#">BM272002</a>	8		
<a href="#">OP272002</a>	1		
<a href="#">WP272002A</a>	1	Total height: 140,5 mm Total length: 224,0 mm With oil seal, no oil nipple	



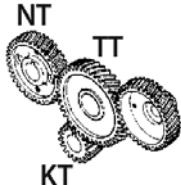
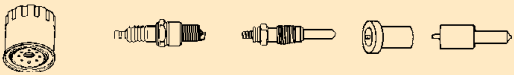



Used for: **MITSUBISHI S4E**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm**

In: **MITSUBISHI, CLARK**

Used for: MITSUBISHI

REF	Qty./eng.	Remarks	
<a href="#">WP272002B</a>	1	Total height: 142,0 mm Total length: 224,0 mm No oil seal, with oil nipple	Without gasket 
<a href="#">RO272002</a>	1		
<a href="#">RW272002</a>	1		
			
<a href="#">NA272002</a>	1		
<a href="#">NT272002</a>	1		
<a href="#">KT272002</a>	1		
<a href="#">TT272002</a>	1		
			
<a href="#">OF272002</a>	1		
<a href="#">GB272002A</a>	4	22,5 V, M10 Total length: 102,0 mm	
<a href="#">GB272002B</a>	4	22 V, M10 Total length: 85,0 mm	
<a href="#">IT272002A</a>	4	h: 27,0 mm	
<a href="#">IT272002B</a>	4	h: 17,0 mm	



Used for: **MITSUBISHI S4E2**

Specifications: **Diesel · 4 cylinders · Bore: 79,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty./eng.	Remarks
<a href="#">PI272003STD</a>	4	STD Without pin and rings
<a href="#">PI272003025</a>	4	0,250 mm oversize without pin and rings
<a href="#">PI272003050</a>	4	0,500 mm oversize without pin and rings
<a href="#">PP272003</a>	4	
<a href="#">PC272003</a>	8	
<a href="#">1SE272003STD</a>	4	STD
<a href="#">1SE272003025</a>	4	0,250 mm oversize
<a href="#">1SE272003050</a>	4	0,500 mm oversize
<a href="#">CH272003</a>	4	Semi-finished
<a href="#">IK272003</a>	4	
<a href="#">UK272003</a>	4	
<a href="#">KS272003</a>	8	
<a href="#">KG272003</a>	8	
<a href="#">1HL272003STD</a>	10	STD shaft dia: 75,000 mm
<a href="#">1HL272003025</a>	10	0,250 mm undersize
<a href="#">1HL272003050</a>	10	0,500 mm undersize
<a href="#">1HL272003075</a>	10	0,750 mm undersize
<a href="#">1HL272003100</a>	10	1,000 mm undersize
<a href="#">1AL272003STD</a>	3	STD shaft dia: 82,250 mm STD thickness: 2,450 mm
<a href="#">1AL272003015</a>	3	0,150 mm undersize
<a href="#">1AL272003030</a>	3	0,300 mm undersize
<a href="#">1AL272003045</a>	3	0,450 mm undersize
<a href="#">1BL272003STD</a>	8	STD shaft dia: 57,980 mm
<a href="#">1BL272003025</a>	8	0,250 mm undersize
<a href="#">1BL272003050</a>	8	0,500 mm undersize
<a href="#">1BL272003075</a>	8	0,750 mm undersize
<a href="#">1BL272003100</a>	8	1,000 mm undersize
<a href="#">PB272003</a>	4	STD shaft dia: 28,00 mm
<a href="#">KP272003A</a>	1	No oil seals and valve seals included
<a href="#">KP272003B</a>	1	No oil seals and valve seals included
<a href="#">BP272003</a>	1	

REF	Qty./eng.	Remarks
<a href="#">JC272003</a>	1	
<a href="#">KA272003</a>	8	
<a href="#">SV272003</a>	1	
<a href="#">SA272003A</a>	1	Sleeve with seal for a wet clutch
<a href="#">SA272003B</a>	1	Sleeve with seal for a dry clutch
<a href="#">KD272003</a>	1	
<a href="#">CB272003</a>	17	
<a href="#">VP272003</a>	1	
<a href="#">BB272003</a>	8	
<a href="#">BM272003</a>	8	
<a href="#">OP272003</a>	1	
<a href="#">WP272003</a>	1	Total height: 142,0 mm Total length: 224,0 mm Without gasket
<a href="#">R0272003</a>	1	
<a href="#">RW272003</a>	1	
<a href="#">NA272003</a>	1	
<a href="#">NT272003</a>	1	
<a href="#">KT272003</a>	1	
<a href="#">TT272003</a>	1	
<a href="#">OF272003</a>	1	
<a href="#">GB272003</a>	4	
<a href="#">IT272003A</a>	4	h: 27,0 mm
<a href="#">IT272003B</a>	4	h: 17,0 mm



Used for: **MITSUBISHI S4Q2**

Specifications: **Diesel · 4 cylinders · Bore: 88,00 mm**

In: **MITSUBISHI, CATERPILLAR, NISSAN**

REF	Qty./eng.	Remarks
<a href="#">PI272018STD</a>	4	STD; without piston pin
<a href="#">PI272018025</a>	4	0,250 mm oversize without piston pin
<a href="#">PI272018050</a>	4	0,500 mm oversize without piston pin
<a href="#">PP272018</a>	4	
<a href="#">PC272018</a>	8	
<a href="#">SE272018STD</a>	1	STD
<a href="#">SE272018025</a>	1	0,250 mm oversize
<a href="#">SE272018050</a>	1	0,500 mm oversize
<a href="#">IK272018</a>	4	
<a href="#">UK272018</a>	4	
<a href="#">KS272018</a>	8	
<a href="#">IG272018</a>	4	
<a href="#">UG272018</a>	4	
<a href="#">HL272018STD</a>	1	STD
<a href="#">HL272018025</a>	1	0,250 mm undersize
<a href="#">HL272018050</a>	1	0,500 mm undersize
<a href="#">HL272018075</a>	1	0,750 mm undersize
<a href="#">1BL272018STD</a>	8	STD
<a href="#">1BL272018025</a>	8	0,250 mm undersize
<a href="#">1BL272018050</a>	8	0,500 mm undersize
<a href="#">1BL272018075</a>	8	0,750 mm undersize
<a href="#">PB272018</a>	4	
<a href="#">KP272018</a>	1	No oil seals, with valve seals
<a href="#">BP272018</a>	1	With valve seals
<a href="#">JC272018</a>	1	
<a href="#">KA272018</a>	8	
<a href="#">SV272018</a>	1	
<a href="#">SA272018</a>	1	
<a href="#">KD272018</a>	1	
<a href="#">CB272018</a>	18	

REF	Qty./eng.	Remarks
<a href="#">VP272018</a>	1	
<a href="#">BB272018</a>	8	
<a href="#">BM272018</a>	8	
<a href="#">OP272018</a>	1	
<a href="#">WP272018</a>	1	Total height: 112,8 mm Total length: 203,0 mm Without gasket
<a href="#">NA272018</a>	1	
<a href="#">NT272018</a>	1	
<a href="#">KT272018</a>	1	
<a href="#">TT272018</a>	1	
<a href="#">GB272018</a>	4	
<a href="#">IT272018A</a>	4	DN15PD6
<a href="#">IT272018B</a>	4	DN0PD21

Used for: MITSUBISHI



Used for: **MITSUBISHI S4S**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty./eng.	Remarks
<a href="#">PI272010STDA</a>	4	STD Without pin and rings Oil ring groove: 4,5 mm
<a href="#">PI272010025A</a>	4	0,250 mm oversize Oil ring groove: 4,5 mm
<a href="#">PI272010050A</a>	4	0,500 mm oversize Oil ring groove: 4,5 mm
<a href="#">PI272010STDB</a>	4	STD Without pin and rings Oil ring groove: 4,0 mm
<a href="#">PI272010025B</a>	4	0,250 mm oversize Oil ring groove: 4,0 mm
<a href="#">PI272010050B</a>	4	0,500 mm oversize Oil ring groove: 4,0 mm
<a href="#">PP272010</a>	4	
<a href="#">PC272010</a>	8	
<a href="#">1SE272010STDA</a>	4	STD; oil ring: 4,5 mm
<a href="#">1SE272010025A</a>	4	0,250 mm oversize Oil ring: 4,5 mm
<a href="#">1SE272010050A</a>	4	0,500 mm oversize Oil ring: 4,5 mm
<a href="#">1SE272010STDB</a>	4	STD; oil ring: 4,0 mm
<a href="#">1SE272010025B</a>	4	0,250 mm oversize Oil ring: 4,0 mm
<a href="#">1SE272010050B</a>	4	0,500 mm oversize Oil ring: 4,0 mm
<a href="#">CH272010</a>	4	Semi-finished block and liner need machining
<a href="#">IK272010</a>	4	
<a href="#">UK272010</a>	4	
<a href="#">KS272010</a>	8	
<a href="#">KG272010</a>	8	
<a href="#">2HL272010STD</a>	5	STD shaft dia: 77,955 - 77,970 mm
<a href="#">2HL272010025</a>	5	0,250 mm undersize
<a href="#">2HL272010050</a>	5	0,500 mm undersize
<a href="#">2HL272010075</a>	5	0,750 mm undersize
<a href="#">1AL272010STD</a>	3	
<a href="#">1AL272010015</a>	3	0,150 mm undersize
<a href="#">1AL272010030</a>	3	0,300 mm undersize
<a href="#">1BL272010STD</a>	8	STD shaft dia: 57,955 - 57,970 mm
<a href="#">1BL272010025</a>	8	0,250 mm undersize
<a href="#">1BL272010050</a>	8	0,500 mm undersize
<a href="#">1BL272010075</a>	8	0,750 mm undersize
<a href="#">PB272010</a>	4	

REF	Qty./eng.	Remarks	
<a href="#">KP272010</a>	1	Without oil seals	
<a href="#">BP272010</a>	1		
<a href="#">JC272010</a>	1		
<a href="#">KA272010</a>	8		
<a href="#">SV272010</a>	1		
<a href="#">SA272010A</a>	1	For a wet clutch	
<a href="#">SA272010B</a>	1	For a dry clutch	
<a href="#">KD272010</a>	1		
<a href="#">CB272010</a>	17		
<a href="#">VP272010</a>	1		
<a href="#">BB272010</a>	8		
<a href="#">BM272010</a>	8		
<a href="#">OP272010A</a>	1	Axle has keyway	
<a href="#">OP272010B</a>	1	Axle has flattened side	
<a href="#">WP272010</a>	1	Total height: 113,3 mm Total length: 221,5 mm	 With gasket



Used for: **MITSUBISHI S4S**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm**

In: **MITSUBISHI, CLARK**

Used for: MITSUBISHI

REF	Qty./eng.	Remarks	
<a href="#">NA272010</a>	1		
<a href="#">NT272010</a>	1		
<a href="#">KT272010</a>	1		
<a href="#">TT272010</a>	1		
<a href="#">HT272010A</a>	1	With key	
<a href="#">HT272010B</a>	1	With flattened hole	
<a href="#">QF272010</a>	1		
<a href="#">GB272010</a>	4		
<a href="#">IT272010</a>	4		





Used for: **MITSUBISHI S6E**

Specifications: **Diesel · 6 cylinders · Bore: 94,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty./eng.	Remarks
<a href="#">PI272004STDA</a>	6	STD; h: 98,5 mm Without pin and rings
<a href="#">PI272004025A</a>	6	0,250 mm oversize h: 98,5 mm without pin and rings
<a href="#">PI272004050A</a>	6	0,500 mm oversize h: 98,5 mm without pin and rings
<a href="#">PI272004STDB</a>	6	STD; h: 90,0 mm Without pin and rings
<a href="#">PI272004025B</a>	6	0,250 mm oversize h: 90,0 mm without pin and rings
<a href="#">PI272004050B</a>	6	0,500 mm oversize h: 90,0 mm without pin and rings
<a href="#">PP272004</a>	6	
<a href="#">PC272004</a>	12	
<a href="#">1SE272004STD</a>	6	STD
<a href="#">1SE272004025</a>	6	0,250 mm oversize
<a href="#">1SE272004050</a>	6	0,500 mm oversize
<a href="#">CH272004</a>	6	Semi-finished
<a href="#">IK272004A</a>	6	Seat angle: 30°
<a href="#">IK272004B</a>	6	Seat angle: 45°
<a href="#">UK272004A</a>	6	Seat angle: 30°
<a href="#">UK272004B</a>	6	Seat angle: 45°
<a href="#">KS272004</a>	12	
<a href="#">KG272004</a>	12	
<a href="#">1HL272004STD</a>	14	STD shaft dia: 75,000 mm
<a href="#">1HL272004025</a>	14	0,250 mm undersize
<a href="#">1HL272004050</a>	14	0,500 mm undersize
<a href="#">1HL272004075</a>	14	0,750 mm undersize
<a href="#">1HL272004100</a>	14	1,000 mm undersize
<a href="#">1AL272004STD</a>	3	STD shaft dia: 82,250 mm, STD thickness: 2,450 mm
<a href="#">1AL272004015</a>	3	0,150 mm undersize
<a href="#">1AL272004030</a>	3	0,300 mm undersize
<a href="#">1AL272004045</a>	3	0,450 mm undersize
<a href="#">1BL272004STD</a>	12	STD shaft dia: 57,980 mm
<a href="#">1BL272004025</a>	12	0,250 mm undersize
<a href="#">1BL272004050</a>	12	0,500 mm undersize
<a href="#">1BL272004075</a>	12	0,750 mm undersize
<a href="#">1BL272004100</a>	12	1,000 mm undersize
<a href="#">PB272004</a>	6	STD shaft dia: 28,000 mm

REF	Qty./eng.	Remarks
<a href="#">1NL272004A</a>	1	STD shaft dia: 53,960 mm Number 1
<a href="#">1NL272004C</a>	1	STD shaft dia: 53,960 mm Number 3
<a href="#">1NL272004B</a>	2	STD shaft dia: 53,960 mm Number 2
<a href="#">KP272004</a>	1	No oil seals and valve seals included
<a href="#">JC272004</a>	2	
<a href="#">KA272004</a>	12	
<a href="#">SV272004</a>	1	
<a href="#">SA272004A</a>	1	Sleeve with seal for a wet clutch
<a href="#">SA272004B</a>	1	Sleeve with seal for a dry clutch
<a href="#">KD272004</a>	1	
<a href="#">CB272004</a>	26	
<a href="#">VP272004</a>	1	
<a href="#">BB272004</a>	12	
<a href="#">BM272004</a>	12	
<a href="#">OP272004</a>	1	
<a href="#">WP272004A</a>	1	Total height: 142,0 mm Total length: 210,0 mm With gasket d: 80,0 mm 




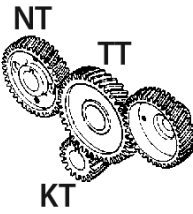




Used for: **MITSUBISHI S6E**

Specifications: **Diesel · 6 cylinders · Bore: 94,00 mm**

In: **MITSUBISHI, CLARK**

Used for: **MITSUBISHI**

REF	Qty./eng.	Remarks	
<a href="#">WP272004B</a>	1	Total height: 140,5 mm Total length: 224,0 mm With gasket d: 90,0 mm 	
<a href="#">WP272004C</a>	1	Total height: 165,5 mm Total length: 214,0 mm With gasket 	
<a href="#">R0272004</a>	1		
<a href="#">NA272004</a>	1		
<a href="#">NT272004</a>	1		
<a href="#">KT272004</a>	1		
<a href="#">TT272004</a>	1		
			
<a href="#">OF272004</a>	1		
<a href="#">GB272004A</a>	6	22,5 V, M10 Total length: 102,0 mm	
<a href="#">GB272004B</a>	6	22 V, M10 Total length: 85,0 mm	
<a href="#">IT272004A</a>	6	h: 27,0 mm	
<a href="#">IT272004B</a>	6	h: 17,0 mm	



Used for: **MITSUBISHI S6E2**

Specifications: **Diesel · 6 cylinders · Bore: 98,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty./eng.	Remarks
<a href="#">PI272005STD</a>	6	STD Without pin and rings
<a href="#">PI272005025</a>	6	0,250 mm oversize without pin and rings
<a href="#">PI272005050</a>	6	0,500 mm oversize without pin and rings
<a href="#">PP272005</a>	6	
<a href="#">PC272005</a>	12	
<a href="#">1SE272005STD</a>	6	STD
<a href="#">1SE272005025</a>	6	0,250 mm oversize
<a href="#">1SE272005050</a>	6	0,500 mm oversize
<a href="#">CH272005</a>	6	Semi-finished
<a href="#">IK272005</a>	6	
<a href="#">UK272005</a>	6	
<a href="#">KS272005</a>	12	
<a href="#">KG272005</a>	12	
<a href="#">1HL272005STD</a>	14	STD shaft dia: 75,000 mm
<a href="#">1HL272005025</a>	14	0,250 mm undersize
<a href="#">1HL272005050</a>	14	0,500 mm undersize
<a href="#">1HL272005075</a>	14	0,750 mm undersize
<a href="#">1HL272005100</a>	14	1,000 mm undersize
<a href="#">1AL272005STD</a>	3	STD shaft dia: 82,250 mm, STD thickness: 2,450 mm
<a href="#">1AL272005015</a>	3	0,150 mm undersize
<a href="#">1AL272005030</a>	3	0,300 mm undersize
<a href="#">1AL272005045</a>	3	0,450 mm undersize
<a href="#">1BL272005STD</a>	12	STD shaft dia: 57,980 mm
<a href="#">1BL272005025</a>	12	0,250 mm undersize
<a href="#">1BL272005050</a>	12	0,500 mm undersize
<a href="#">1BL272005075</a>	12	0,750 mm undersize
<a href="#">1BL272005100</a>	12	1,000 mm undersize
<a href="#">PB272005</a>	6	STD shaft dia: 28,000 mm
<a href="#">1NL272005A</a>	1	STD shaft dia: 53,960 mm Number 1
<a href="#">1NL272005B</a>	2	STD shaft dia: 53,960 mm Number 2
<a href="#">1NL272005C</a>	1	STD shaft dia: 53,960 mm Number 3
<a href="#">KP272005</a>	1	No oil seals and valve seals included

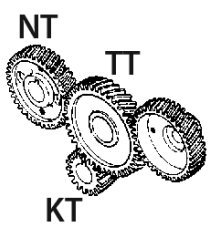
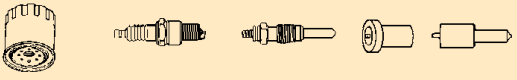

REF	Qty./eng.	Remarks
<a href="#">JC272005</a>	2	
<a href="#">KA272005</a>	12	
<a href="#">SV272005</a>	1	
<a href="#">SA272005A</a>	1	Sleeve with seal for a wet clutch
<a href="#">SA272005B</a>	1	Sleeve with seal for a dry clutch
<a href="#">KD272005</a>	1	
<a href="#">CB272005</a>	26	
<a href="#">VP272005</a>	1	
<a href="#">BB272005</a>	12	
<a href="#">BM272005</a>	12	
<a href="#">OP272005</a>	1	
<a href="#">WP272005A</a>	1	Total height: 142,0 mm Total length: 210,0 mm With gasket 
<a href="#">WP272005B</a>	1	Total height: 165,5 mm Total length: 214,0 mm With gasket 
<a href="#">R0272005</a>	1	
<a href="#">NA272005</a>	1	
<a href="#">NT272005</a>	1	



Used for: **MITSUBISHI S6E2**

Specifications: **Diesel · 6 cylinders · Bore: 98,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty./eng.	Remarks
<a href="#">KT272005A</a>	1	
<a href="#">KT272005B</a>	1	FD60-70
<a href="#">IT272005</a>	1	
		
<a href="#">OF272005</a>	1	
<a href="#">GB272005</a>	6	
<a href="#">IT272005A</a>	6	h: 27,0 mm
<a href="#">IT272005B</a>	6	h: 17,0 mm
		

Used for: **MITSUBISHI**



Used for: **MITSUBISHI S6K**

Specifications: **Diesel · 6 cylinders · Bore: 102,00 mm**

In: **MITSUBISHI, TCM**

REF	Qty./eng.	Remarks
<a href="#">PI272021STD</a>	6	STD Without pin and rings
<a href="#">PI272021025</a>	6	0,250 mm oversize without pin and rings
<a href="#">PI272021050</a>	6	0,500 mm oversize without pin and rings
<a href="#">PP272021</a>	6	
<a href="#">PC272021</a>	12	
<a href="#">1SE272021STD</a>	6	STD
<a href="#">1SE272021025</a>	6	0,250 mm oversize
<a href="#">1SE272021050</a>	6	0,500 mm oversize
<a href="#">CH272021</a>	6	Semi-finished
<a href="#">IK272021</a>	6	
<a href="#">UK272021</a>	6	
<a href="#">KS272021</a>	12	
<a href="#">IG272021</a>	6	
<a href="#">UG272021</a>	6	
<a href="#">2HL272021STD</a>	7	STD shaft dia: 89,950 - 89,970 mm
<a href="#">2HL272021025</a>	7	0,250 mm undersize
<a href="#">2HL272021050</a>	7	0,500 mm undersize
<a href="#">2HL272021075</a>	7	0,750 mm undersize
<a href="#">1AL272021STD</a>	3	
<a href="#">1AL272021015</a>	3	0,150 mm undersize
<a href="#">1AL272021030</a>	3	0,300 mm undersize
<a href="#">1AL272021045</a>	3	0,450 mm undersize
<a href="#">1BL272021STD</a>	12	STD shaft dia: 59,945 - 59,965 mm
<a href="#">1BL272021025</a>	12	0,250 mm undersize
<a href="#">1BL272021050</a>	12	0,500 mm undersize
<a href="#">1BL272021075</a>	12	0,750 mm undersize
<a href="#">PB272021</a>	6	
<a href="#">1NL272021A</a>	1	Front: 53,960 mm
<a href="#">1NL272021B</a>	2	Middle: 53,960 mm
<a href="#">1NL272021C</a>	1	Rear: 52,960 mm
<a href="#">KP272021</a>	1	Without oil seals
<a href="#">JC272021</a>	1	

REF	Qty./eng.	Remarks
<a href="#">KA272021</a>	12	
<a href="#">SV272021</a>	1	
<a href="#">SA272021</a>	1	
<a href="#">KD272021</a>	1	
<a href="#">CB272021</a>	26	
<a href="#">VP272021</a>	1	
<a href="#">BB272021</a>	12	
<a href="#">BM272021</a>	12	
<a href="#">OP272021A</a>	1	Gear
<a href="#">OP272021B</a>	1	Gear
<a href="#">OP272021C</a>	1	Gasket
<a href="#">OP272021D</a>	1	Cover
<a href="#">WP272021</a>	1	Total height: 136,0 mm Total length: 168,5 mm
		Without gasket



Used for: MITSUBISHI S6K

Specifications: **Diesel** · **6 cylinders** · Bore: **102,00 mm**

In: **MITSUBISHI, TCM**

REF	Qty./ eng.	Remarks
<a href="#">NA272021</a>	1	
<a href="#">NT272021</a>	1	
<a href="#">KT272021</a>	1	
<a href="#">TT272021A</a>	1	Idler teeth: 49
<a href="#">IT272021B</a>	1	Injection pump gear teeth: 46
<a href="#">OF272021</a>	1	
<a href="#">GB272021</a>	1	Air heater assembly
<a href="#">IT272021</a>	6	

Used for: MITSUBISHI





Used for: **MITSUBISHI S6S**

Specifications: **Diesel · 6 cylinders · Bore: 94,00 mm**

In: **MITSUBISHI, TCM, HYSTER, YALE, CATERPILLAR, NISSAN, HYUNDAI, HELI**

REF	Qty./eng.	Remarks
<a href="#">PI272020STDA</a>	6	STD Without pin and rings Oil ring groove: 4,5 mm
<a href="#">PI272020025A</a>	6	0,250 mm oversize Oil ring groove: 4,5 mm
<a href="#">PI272020050A</a>	6	0,500 mm oversize Oil ring groove: 4,5 mm
<a href="#">PI272020STDB</a>	6	STD; Without pin and rings Oil ring groove: 4,0 mm
<a href="#">PI272020025B</a>	6	0,250 mm oversize Oil ring groove: 4,0 mm
<a href="#">PI272020050B</a>	6	0,500 mm oversize Oil ring groove: 4,0 mm
<a href="#">PP272020</a>	6	
<a href="#">PC272020</a>	12	
<a href="#">1SE272020STDA</a>	6	STD; oil ring: 4,5 mm
<a href="#">1SE272020025A</a>	6	0,250 mm oversize Oil ring: 4,5 mm
<a href="#">1SE272020050A</a>	6	0,500 mm oversize Oil ring: 4,5 mm
<a href="#">1SE272020STDB</a>	6	STD; oil ring: 4,0 mm
<a href="#">1SE272020025B</a>	6	0,250 mm oversize Oil ring: 4,0 mm
<a href="#">1SE272020050B</a>	6	0,500 mm oversize Oil ring: 4,0 mm
<a href="#">CH272020</a>	6	Semi-finished block and liner need machining
<a href="#">IK272020</a>	6	
<a href="#">UK272020</a>	6	
<a href="#">KS272020</a>	12	
<a href="#">KG272020</a>	12	
<a href="#">2HL272020STD</a>	7	STD shaft dia: 77,955 - 77,970 mm
<a href="#">2HL272020025</a>	7	0,250 mm undersize
<a href="#">2HL272020050</a>	7	0,500 mm undersize
<a href="#">2HL272020075</a>	7	0,750 mm undersize
<a href="#">1AL272020STD</a>	3	
<a href="#">1AL272020015</a>	3	0,150 mm undersize
<a href="#">1AL272020030</a>	3	0,300 mm undersize
<a href="#">1BL272020STD</a>	12	STD shaft dia: 57,955 - 57,970 mm
<a href="#">1BL272020025</a>	12	0,250 mm undersize
<a href="#">1BL272020050</a>	12	0,500 mm undersize
<a href="#">1BL272020075</a>	12	0,750 mm undersize
<a href="#">PB272020</a>	6	

REF	Qty./eng.	Remarks	
<a href="#">1NL272020A</a>	1	Front: 53,960 mm	
<a href="#">1NL272020B</a>	2	Middle: 53,960 mm	
<a href="#">1NL272020C</a>	1	Rear: 52,960 mm	
<a href="#">KP272020</a>	1	Without oil seals	
<a href="#">JC272020</a>	1		
<a href="#">KA272020</a>	12		
<a href="#">SV272020</a>	1		
<a href="#">SA272020A</a>	1	For torque converter and dry clutch	
<a href="#">SA272020B</a>	1	For wet clutch	
<a href="#">KD272020</a>	1		
<a href="#">CB272020</a>	25		
<a href="#">VP272020</a>	1		
<a href="#">BB272020</a>	12		
<a href="#">BM272020</a>	12		
<a href="#">OP272020</a>	1		
<a href="#">WP272020A</a>	1	Total height: 115,0 mm Total length: 220,0 mm Dia: 80,0 mm Without grease nipple	
<a href="#">WP272020B</a>	1	Height: 133,0 mm Dia: 66,0 mm With grease nipple	



Used for: **MITSUBISHI S6S**

Specifications: **Diesel · 6 cylinders · Bore: 94,00 mm**

In: **MITSUBISHI, TCM, HYSTER, YALE, CATERPILLAR, NISSAN, HYUNDAI, HELI**

REF	Qty./ eng.	Remarks
<a href="#"><u>NA272020</u></a>	1	
<a href="#"><u>NT272020</u></a>	1	
<a href="#"><u>KT272020</u></a>	1	
<a href="#"><u>TT272020</u></a>	1	
<a href="#"><u>HT272020</u></a>	1	
<a href="#"><u>OF272020</u></a>	1	
<a href="#"><u>GB272020</u></a>	6	
<a href="#"><u>IT272020A</u></a>	6	DN15DP6
<a href="#"><u>IT272020B</u></a>	6	DNOPD21

Used for: MITSUBISHI



NOTES

NOTES

A series of horizontal dotted lines for taking notes.



USED FOR  
**MWM**



Used for: MWM

Used for: MWM D226B4

Specifications: Diesel · 4 cylinders · Bore: 105,00 mm

In: STILL, FENDT

REF	Qty./eng.	Remarks
<a href="#">1SE787002STD</a>	4	STD
<a href="#">PISE787002STD</a>	4	STD
<a href="#">CH787002</a>	4	Finished, without liner seals
<a href="#">AS787002</a>	4	With liner seals
<a href="#">IK787002</a>	4	
<a href="#">UK787002</a>	4	
<a href="#">IG787002</a>	4	
<a href="#">UG787002</a>	4	
<a href="#">HL787002STD</a>	1	STD, with thrust washer set <a href="#">AL787002STD</a>
<a href="#">HL787002025</a>	1	0,250 mm undersize, with thrust washer set <a href="#">AL787002STD</a>
<a href="#">HL787002050</a>	1	0,500 mm undersize, with thrust washer set <a href="#">AL787002STD</a>
<a href="#">HL787002075</a>	1	0,750 mm undersize, with thrust washer set <a href="#">AL787002STD</a>
<a href="#">HL787002100</a>	1	1,000 mm undersize, with thrust washer set <a href="#">AL787002STD</a>
<a href="#">AL787002STD</a>	1	STD
<a href="#">BL787002STD</a>	4	STD
<a href="#">BL787002025</a>	4	0,250 mm undersize
<a href="#">BL787002050</a>	4	0,500 mm undersize
<a href="#">BL787002075</a>	4	0,750 mm undersize
<a href="#">BL787002100</a>	4	1,000 mm undersize
<a href="#">PB787002</a>	4	
<a href="#">JC787002</a>	4	
<a href="#">SV787002</a>	1	
<a href="#">SA787002</a>	1	
<a href="#">KD787002</a>	1	
<a href="#">BB787002</a>	8	

REF	Qty./eng.	Remarks
<a href="#">OP787002</a>	1	26,0 mm suction diameter
<a href="#">WP787002</a>	1	Total height: 112,0 mm Total length: 145,0 mm With gasket
<a href="#">OF787002</a>	1	



Used for: MWM TD226B4

Specifications: Diesel · 4 cylinders · Bore: 105,00 mm

In: STILL, CASE IH, FENDT

Used for: MWM

REF	Qty./eng.	Remarks
<a href="#">1SE787001STD</a>	4	STD, for 3-ring piston use only 1st, 2nd and 4th ring
<a href="#">PISE787001STDA</a>	4	STD, IHC
<a href="#">PISE787001STDB</a>	4	STD, FENDT
<a href="#">CH787001</a>	4	Finished
<a href="#">AS787001A</a>	4	With liner seals, IHC
<a href="#">AS787001B</a>	4	With liner seals, FENDT
<a href="#">IK787001</a>	4	
<a href="#">UK787001</a>	4	
<a href="#">IG787001</a>	4	
<a href="#">UG787001</a>	4	
<a href="#">HL787001STD</a>	1	STD, with thrust washer set <a href="#">AL787001STD</a>
<a href="#">HL787001025</a>	1	0,250 mm undersize, with thrust washer set <a href="#">AL787001STD</a>
<a href="#">HL787001050</a>	1	0,500 mm undersize, with thrust washer set <a href="#">AL787001STD</a>
<a href="#">HL787001075</a>	1	0,750 mm undersize, with thrust washer set <a href="#">AL787001STD</a>
<a href="#">HL787001100</a>	1	1,000 mm undersize, with thrust washer set <a href="#">AL787001STD</a>
<a href="#">AL787001STD</a>	1	STD
<a href="#">BL787001STD</a>	4	STD
<a href="#">BL787001025</a>	4	0,250 mm undersize
<a href="#">BL787001050</a>	4	0,500 mm undersize
<a href="#">BL787001075</a>	4	0,750 mm undersize
<a href="#">BL787001100</a>	4	1,000 mm undersize
<a href="#">PB787001</a>	4	
<a href="#">BP787001</a>	4	Only CASE IH until 12/98
<a href="#">JC787001</a>	4	
<a href="#">SV787001</a>	1	
<a href="#">SA787001</a>	1	
<a href="#">KD787001</a>	4	

REF	Qty./eng.	Remarks
<a href="#">BB787001</a>	8	
<a href="#">OP787001A</a>	1	36,0 mm suction diameter
<a href="#">OP787001B</a>	1	26,0 mm suction diameter
<a href="#">WP787001</a>	1	Total height: 112,0 mm Total length: 145,0 mm
<a href="#">OF787001A</a>	1	IHC
<a href="#">OF787001B</a>	1	FENDT





## NOTES

A series of horizontal dotted lines for taking notes.



USED FOR  
**NISSAN**



Used for: NISSAN A12

Specifications: **Gasoline** · 4 cylinders · Bore: **73,00 mm**

In: **KOMATSU, NISSAN**

REF	Qty./eng.	Remarks
<a href="#">PI057009STD</a>	4	STD
<a href="#">PI057009050</a>	4	0,500 mm oversize
<a href="#">PI057009100</a>	4	1,000 mm oversize
<a href="#">SE057009STD</a>	1	STD
<a href="#">SE057009050</a>	1	0,500 mm oversize
<a href="#">SE057009100</a>	1	1,000 mm oversize
<a href="#">IK057009</a>	4	
<a href="#">UK057009</a>	4	
<a href="#">KS057009</a>	8	
<a href="#">IG057009</a>	4	
<a href="#">UG057009</a>	4	
<a href="#">HL057009STD</a>	1	STD shaft dia: 49,964 mm
<a href="#">HL057009025</a>	1	0,250 mm undersize
<a href="#">HL057009050</a>	1	0,500 mm undersize
<a href="#">HL057009075</a>	1	0,750 mm undersize
<a href="#">HL057009100</a>	1	1,000 mm undersize
<a href="#">HL057009125</a>	1	1,250 mm undersize
<a href="#">HL057009150</a>	1	1,500 mm undersize
<a href="#">1BL057009STD</a>	8	STD shaft dia: 44,974 mm
<a href="#">1BL057009025</a>	8	0,250 mm undersize
<a href="#">1BL057009050</a>	8	0,500 mm undersize
<a href="#">1BL057009075</a>	8	0,750 mm undersize
<a href="#">1BL057009100</a>	8	1,000 mm undersize
<a href="#">1BL057009125</a>	8	1,250 mm undersize
<a href="#">1BL057009150</a>	8	1,500 mm undersize
<a href="#">NL057009STD</a>	1	STD
<a href="#">NL057009025</a>	1	0,250 mm undersize
<a href="#">NL057009050</a>	1	0,500 mm undersize
<a href="#">NL057009075</a>	1	0,750 mm undersize
<a href="#">KP057009</a>	1	Overhaul gasket kit, with oil seals (front and rear), with valve seals
<a href="#">JC057009</a>	1	
<a href="#">KA057009</a>	8	

REF	Qty./eng.	Remarks
<a href="#">SV057009</a>	1	
<a href="#">SA057009</a>	1	
<a href="#">KD057009</a>	1	
<a href="#">CB057009A</a>	9	L: 96 mm
<a href="#">CB057009B</a>	1	L: 110 mm
<a href="#">VP057009</a>	1	
<a href="#">BB057009</a>	8	
<a href="#">BM057009</a>	8	
<a href="#">OP057009</a>	1	
<a href="#">WP057009</a>	1	Total height: 94,5 mm Total length: 141,0 mm Without gasket 
<a href="#">NA057009</a>	1	
<a href="#">NT057009</a>	1	
<a href="#">KT057009</a>	1	
<a href="#">DK057009</a>	1	
<a href="#">SK057009</a>	1	
<a href="#">OF057009</a>	1	
<a href="#">B0057009</a>	4	



Used for: NISSAN A15

Specifications: **Gasoline** · 4 cylinders · Bore: **76,00 mm**

In: **NISSAN, TCM, KOMATSU**

REF	Qty./eng.	Remarks	
<a href="#">PI057008STD</a>	4	STD	
<a href="#">PI057008050</a>	4	0,500 mm oversize	
<a href="#">PI057008100</a>	4	1,000 mm oversize	
<a href="#">SE057008STD</a>	1	STD	
<a href="#">SE057008050</a>	1	0,500 mm oversize	
<a href="#">SE057008100</a>	1	1,000 mm oversize	
<a href="#">CH057008A</a>	4	4,000 mm oversize Semi-finished	
<a href="#">CH057008B</a>	4		
<a href="#">IK057008</a>	4		
<a href="#">UK057008</a>	4		
<a href="#">KS057008A</a>	8	Length: 56,0 mm, dia 1: 12,7 mm, dia 2: 24,0 mm	
<a href="#">KS057008B</a>	8	Length: 56,0 mm, dia 1: 12,7 mm, dia 2: 22,0 mm	
<a href="#">IG057008</a>	4		
<a href="#">UG057008</a>	4		
<a href="#">HL057008STD</a>	1	STD shaft dia: 44,964 mm	
<a href="#">HL057008025</a>	1	0,250 mm undersize	
<a href="#">HL057008050</a>	1	0,500 mm undersize	
<a href="#">HL057008075</a>	1	0,750 mm undersize	
<a href="#">HL057008100</a>	1	1,000 mm undersize	
<a href="#">HL057008125</a>	1	1,250 mm undersize	
<a href="#">HL057008150</a>	1	1,500 mm undersize	
<a href="#">1BL057008STD</a>	8	STD shaft dia: 44,974 mm	
<a href="#">1BL057008025</a>	8	0,250 mm undersize	
<a href="#">1BL057008050</a>	8	0,500 mm undersize	
<a href="#">1BL057008075</a>	8	0,750 mm undersize	
<a href="#">1BL057008100</a>	8	1,000 mm undersize	
<a href="#">1BL057008125</a>	8	1,250 mm undersize	
<a href="#">1BL057008150</a>	8	1,500 mm undersize	
<a href="#">NL057008STD</a>	1	STD	
<a href="#">NL057008025</a>	1	0,250 mm undersize	
<a href="#">NL057008050</a>	1	0,500 mm undersize	
<a href="#">NL057008075</a>	1	0,750 mm undersize	
<a href="#">KP057008</a>	1		
<a href="#">BP057008</a>	1		

REF	Qty./eng.	Remarks	
<a href="#">JC057008</a>	1		
<a href="#">KA057008</a>	8		
<a href="#">SV057008</a>	1		
<a href="#">SA057008</a>	1		
<a href="#">KD057008</a>	1		
<a href="#">CB057008A</a>	9	Total length: 107,0 mm	
<a href="#">CB057008B</a>	1	Total length: 120,0 mm	
<a href="#">VP057008</a>	1		
<a href="#">BB057008</a>	8		
<a href="#">BM057008</a>	8		
<a href="#">OP057008</a>	1		
<a href="#">WP057008</a>	1	Total height: 106,0 mm Total length: 188,0 mm	With gasket 
<a href="#">RW057008</a>	1		
<a href="#">NA057008</a>	1		
<a href="#">NT057008</a>	1		

Used for: NISSAN



Used for: NISSAN

Used for: NISSAN A15

Specifications: **Gasoline** · **4 cylinders** · Bore: **76,00 mm**

In: **NISSAN, TCM, KOMATSU**

REF	Qty./eng.	Remarks
<a href="#">KT057008A</a>	1	
<a href="#">KT057008B</a>	1	For <a href="#">HK057008A</a>
<a href="#">KT057008C</a>	1	For <a href="#">HK057008B</a>
<a href="#">HT057008A</a>	1	For <a href="#">HK057008A</a>
<a href="#">HT057008B</a>	1	For <a href="#">HK057008B</a>
<a href="#">DK057008</a>	1	
<a href="#">SK057008</a>	1	
<a href="#">HK057008A</a>	1	Hinged on one side 
<a href="#">HK057008B</a>	1	Hinged on both sides 
<a href="#">OF057008</a>	1	
<a href="#">B0057008</a>	4	





Used for: NISSAN BD30

Specifications: Diesel · 4 cylinders · Bore: 96,00 mm

In: NISSAN, EP FORKLIFT

Used for: NISSAN

REF	Qty./eng.	Remarks
<a href="#">PI057012STD</a>	4	STD
<a href="#">SE057012STD</a>	1	STD
<a href="#">CH057012A</a>	4	Finished
<a href="#">CH057012B</a>	4	Semi-finished
<a href="#">IK057012</a>	4	
<a href="#">UK057012</a>	4	
<a href="#">KG057012</a>	8	
<a href="#">HL057012STD</a>	1	STD shaft dia: 70,920 mm
<a href="#">HL057012025</a>	1	0,250 mm undersize
<a href="#">HL057012050</a>	1	0,500 mm undersize
<a href="#">HL057012075</a>	1	0,750 mm undersize
<a href="#">HL057012100</a>	1	1,000 mm undersize
<a href="#">AL057012STD</a>	1	STD shaft dia: 78,850 mm STD thickness: 2,325 mm
<a href="#">AL057012020</a>	1	0.020" undersize
<a href="#">AL057012040</a>	1	0.040" undersize
<a href="#">BL057012STD</a>	4	STD shaft dia: 56,920 mm
<a href="#">BL057012025</a>	4	0,250 mm undersize
<a href="#">BL057012050</a>	4	0,500 mm undersize
<a href="#">BL057012075</a>	4	0,750 mm undersize
<a href="#">BL057012100</a>	4	1,000 mm undersize
<a href="#">PB057012</a>	4	
<a href="#">NL057012STD</a>	1	STD
<a href="#">NL057012025</a>	1	0,250 mm undersize
<a href="#">NL057012050</a>	1	0,500 mm undersize
<a href="#">NL057012075</a>	1	0,750 mm undersize
<a href="#">KP057012</a>	1	Cylinder head gasket Thickness: 1,20 mm, with front and rear oil seals, with valve seals
<a href="#">BP057012</a>	1	Cylinder head gasket Thickness: 1,20 mm, with valve seals
<a href="#">JC057012A</a>	1	Cylinder head gasket thickness: 1,20 mm 

REF	Qty./eng.	Remarks
<a href="#">JC057012B</a>	1	Cylinder head gasket thickness: 1,25 mm 
<a href="#">JC057012C</a>	1	Cylinder head gasket thickness: 1,30 mm 
<a href="#">KA057012</a>	8	
<a href="#">SV057012</a>	1	
<a href="#">SA057012A</a>	1	
<a href="#">SA057012B</a>	1	With flange after November 1997
<a href="#">KD057012</a>	1	
<a href="#">CB057012</a>	18	
<a href="#">VP057012</a>	1	
<a href="#">BB057012</a>	8	
<a href="#">BM057012</a>	8	
<a href="#">OP057012</a>	1	
<a href="#">WP057012</a>	1	Total height: 126,0 mm Total length: 185,0 mm With gasket 
<a href="#">NA057012</a>	1	
<a href="#">NT057012</a>	1	
<a href="#">KT057012A</a>	1	
<a href="#">KT057012B</a>	1	
<a href="#">TT057012A</a>	1	
<a href="#">TT057012B</a>	1	
<a href="#">OF057012</a>	1	
<a href="#">GB057012</a>	4	
<a href="#">IT057012</a>	4	





Used for: NISSAN D11

Specifications: **Gasoline · 4 cylinders · Bore: 73,00 mm**

In: **NISSAN, KOMATSU, TCM**

REF	Qty./eng.	Remarks
<a href="#">PI057006STD</a>	4	STD
<a href="#">PI057006025</a>	4	0,250 mm oversize
<a href="#">PI057006050</a>	4	0,500 mm oversize
<a href="#">PI057006075</a>	4	0,750 mm oversize
<a href="#">PI057006100</a>	4	1,000 mm oversize
<a href="#">PI057006125</a>	4	1,250 mm oversize
<a href="#">PI057006150</a>	4	1,500 mm oversize
<a href="#">SE057006STD</a>	1	STD
<a href="#">SE057006025</a>	1	0,250 mm oversize
<a href="#">SE057006050</a>	1	0,500 mm oversize
<a href="#">SE057006075</a>	1	0,750 mm oversize
<a href="#">SE057006100</a>	1	1,000 mm oversize
<a href="#">SE057006125</a>	1	1,250 mm oversize
<a href="#">SE057006150</a>	1	1,500 mm oversize
<a href="#">IK057006STD</a>	4	STD
<a href="#">IK057006020</a>	4	0,200 mm oversize
<a href="#">IK057006040</a>	4	0,400 mm oversize
<a href="#">UK057006STD</a>	4	STD
<a href="#">UK057006020</a>	4	0,200 mm oversize
<a href="#">UK057006040</a>	4	0,400 mm oversize
<a href="#">KS057006</a>	8	
<a href="#">HL057006STD</a>	1	STD shaft dia: 52,310 mm
<a href="#">HL057006025</a>	1	0,250 mm undersize
<a href="#">HL057006050</a>	1	0,500 mm undersize
<a href="#">HL057006075</a>	1	0,750 mm undersize
<a href="#">HL057006100</a>	1	1,000 mm undersize
<a href="#">AL057006A</a>	1	Kit thickness: 2,377 mm
<a href="#">AL057006B</a>	1	Kit thickness: 2,388 mm
<a href="#">AL057006C</a>	1	Kit thickness: 2,438 mm
<a href="#">1BL057006STD</a>	8	STD shaft dia: 43,970 mm
<a href="#">1BL057006025</a>	8	0,250 mm undersize
<a href="#">1BL057006050</a>	8	0,500 mm undersize
<a href="#">1BL057006075</a>	8	0,750 mm undersize
<a href="#">1BL057006100</a>	8	1,000 mm undersize
<a href="#">1NL057006STDA</a>	1	STD, front
<a href="#">1NL057006025A</a>	1	0,250 mm undersize, front
<a href="#">1NL057006050A</a>	1	0,500 mm undersize, front
<a href="#">1NL057006STDB</a>	1	STD, center
<a href="#">1NL057006025B</a>	1	0,250 mm undersize Center

REF	Qty./eng.	Remarks
<a href="#">1NL057006050B</a>	1	0,500 mm undersize Center
<a href="#">1NL057006STDC</a>	1	STD, rear
<a href="#">1NL057006025C</a>	1	0,250 mm undersize, rear
<a href="#">1NL057006050C</a>	1	0,500 mm undersize, rear
<a href="#">KP057006</a>	1	With front and rear oil seals, with valve seals A
<a href="#">BP057006A</a>	1	
<a href="#">JC057006</a>	1	
<a href="#">KA057006A</a>	8	O-ring
<a href="#">KA057006B</a>	8	
<a href="#">SV057006</a>	1	
<a href="#">SA057006</a>	1	
<a href="#">KD057006</a>	1	
<a href="#">CB057006A</a>	10	Total length: 113,5 mm
<a href="#">CB057006B</a>	2	Total length: 117,0 mm
<a href="#">VP057006</a>	1	
<a href="#">BB057006</a>	8	
<a href="#">BM057006</a>	8	
<a href="#">OP057006</a>	1	
<a href="#">WP057006A</a>	1	Total height: 110,0 mm Total length: 240,0 mm
		With gasket







Used for: NISSAN D11

Specifications: **Gasoline** · **4 cylinders** · Bore: **73,00 mm**

In: **NISSAN, KOMATSU, TCM**

Used for: NISSAN

REF	Qty./eng.	Remarks
<a href="#">WP057006B</a>	1	Total height: 110,0 mm Total length: 200,0 mm 
<a href="#">WP057006C</a>	1	Total height: 159,0 mm Total length: 242,0 mm With gasket Pulley diameter: 74,0 mm, no flange, pulley mounted on axle 
		
<a href="#">NA057006</a>	1	
<a href="#">NT057006</a>	1	
<a href="#">KT057006</a>	1	
		
<a href="#">OF057006A</a>	1	Height: 100,0 mm
<a href="#">OF057006B</a>	1	Height: 116,0 mm
<a href="#">OF057006C</a>	1	Height: 146,0 mm
<a href="#">B0057006A</a>	4	BCGE NGK
<a href="#">B0057006B</a>	4	B4ES NGK



Used for: NISSAN FD6

Specifications: Diesel · 6 cylinders · Bore: 100,00 mm

In: NISSAN

REF	Qty./eng.	Remarks
<a href="#">PI057021STD</a>	6	STD, with piston pin and circlips
<a href="#">1SE057021STD</a>	6	STD
<a href="#">CH057021</a>	6	Finished
<a href="#">IK057021</a>	6	
<a href="#">UK057021</a>	6	
<a href="#">KS057021A</a>	12	From 01/07/1983 up to 30/04/1988
<a href="#">KS057021B</a>	12	From 01/05/1988 up to 31/12/1997
<a href="#">KG057021</a>	12	
<a href="#">HL057021STD</a>	1	STD
<a href="#">HL057021025</a>	1	0,250 mm undersize
<a href="#">HL057021050</a>	1	0,500 mm undersize
<a href="#">HL057021075</a>	1	0,750 mm undersize
<a href="#">HL057021100</a>	1	1,000 mm undersize
<a href="#">AL057021A</a>	1	Thickness: 2,995 mm
<a href="#">AL057021B</a>	1	Thickness: 2,965 mm
<a href="#">AL057021C</a>	1	Thickness: 2,935 mm
<a href="#">1BL057021STD</a>	1	STD
<a href="#">1BL057021025</a>	1	0,250 mm undersize
<a href="#">1BL057021050</a>	1	0,500 mm undersize
<a href="#">1BL057021075</a>	1	0,750 mm undersize
<a href="#">1BL057021100</a>	1	1,000 mm undersize
<a href="#">PB057021</a>	6	
<a href="#">NL057021</a>	1	
<a href="#">KP057021</a>	1	JC included in KP
<a href="#">JC057021</a>	1	
<a href="#">KA057021</a>	12	
<a href="#">SV057021</a>	1	
<a href="#">SA057021</a>	1	
<a href="#">KD057021</a>	1	
<a href="#">CB057021SET</a>	1	Engine set

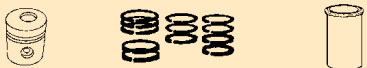
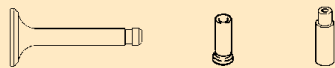
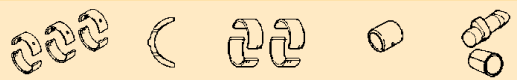
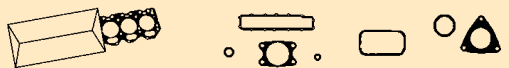

REF	Qty./eng.	Remarks
<a href="#">CB057021A</a>	18	
<a href="#">CB057021B</a>	7	
<a href="#">VP057021</a>	1	
<a href="#">BB057021</a>	12	
<a href="#">BM057021</a>	12	
<a href="#">CG057021</a>	1	
<a href="#">OP057021</a>	1	
<a href="#">WP057021</a>	1	Total height: 165,0 mm Total length: 240,0 mm
<a href="#">NA057021</a>	1	
<a href="#">NT057021</a>	1	
<a href="#">KT057021</a>	1	
<a href="#">TT057021</a>	1	
<a href="#">OF057021</a>	1	
<a href="#">IT057021</a>	6	


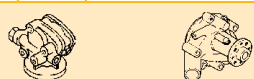


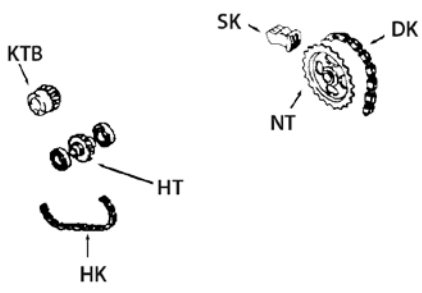



Used for: NISSAN H15

Specifications: **Gasoline · 4 cylinders · Bore: 75,50 mm**

In: **NISSAN, KOMATSU, TCM, HELI, FEELER**

REF	Qty./eng.	Remarks
		
<a href="#">PI057013STD</a>	4	STD
<a href="#">PI057013050</a>	4	0,500 mm oversize
<a href="#">PI057013100</a>	4	1,000 mm oversize
<a href="#">PI057013150</a>	4	1,500 mm oversize
<a href="#">SE057013STD</a>	1	STD
<a href="#">SE057013050</a>	1	0,500 mm oversize
<a href="#">SE057013100</a>	1	1,000 mm oversize
<a href="#">SE057013150</a>	1	1,500 mm oversize
		
<a href="#">IK057013</a>	4	
<a href="#">UK057013</a>	4	
<a href="#">KS057013</a>	8	
<a href="#">KG057013</a>	8	
		
<a href="#">HL057013STD</a>	1	STD shaft dia: 62,955 mm
<a href="#">HL057013025</a>	1	0,250 mm undersize
<a href="#">HL057013050</a>	1	0,500 mm undersize
<a href="#">HL057013075</a>	1	0,750 mm undersize
<a href="#">HL057013100</a>	1	1,000 mm undersize
<a href="#">1BL057013STD</a>	8	STD shaft dia: 44,974 mm
<a href="#">1BL057013012</a>	8	0,120 mm undersize
<a href="#">1BL057013025</a>	8	0,250 mm undersize
<a href="#">1BL057013050</a>	8	0,500 mm undersize
<a href="#">NL057013STD</a>	1	STD
<a href="#">NL057013025</a>	1	0,250 mm undersize
<a href="#">NL057013050</a>	1	0,500 mm undersize
<a href="#">NL057013075</a>	1	0,750 mm undersize
		
<a href="#">KP057013</a>	1	With cylinder head gasket
<a href="#">BP057013</a>	1	With cylinder head gasket
<a href="#">JC057013</a>	1	
<a href="#">KA057013</a>	8	
<a href="#">SV057013</a>	1	
<a href="#">SA057013</a>	1	
<a href="#">KD057013</a>	1	

REF	Qty./eng.	Remarks
		
<a href="#">CB057013</a>	10	
<a href="#">VP057013</a>	1	
<a href="#">BB057013</a>	8	
<a href="#">BM057013</a>	8	
		
<a href="#">OP057013</a>	1	
		
<a href="#">WP057013</a>	1	Total height: 95,0 mm Total length: 140,0 mm With gasket
		
<a href="#">NA057013</a>	1	
<a href="#">NT057013</a>	1	
<a href="#">KT057013A</a>	1	Dia: 80,5 mm
<a href="#">KT057013B</a>	1	Dia: 64,0 mm
<a href="#">HT057013</a>	1	
<a href="#">DK057013</a>	1	
<a href="#">SK057013</a>	1	
<a href="#">HK057013</a>	1	
		
<a href="#">OF057013</a>	1	
<a href="#">B0057013</a>	4	



Used for: NISSAN H20

Specifications: **Gasoline · 4 cylinders · Bore: 87,20 mm**

In: **NISSAN, TCM, KOMATSU, YANG/YAM/PUMA, EUROYEN, EP FORKLIFT, FEELER, PATRIA, BAOLI, HELI**

REF	Qty./eng.	Remarks	
<a href="#">PI057005STDA</a>	4	STD; h: 84,0 mm Piston pin dia: 22,0 mm	
<a href="#">PI057005050A</a>	4	0,500 mm oversize h: 84,0 mm; piston pin dia: 22,0 mm	
<a href="#">PI057005075A</a>	4	0,750 mm oversize h: 84,0 mm; piston pin dia: 22,0 mm	
<a href="#">PI057005100A</a>	4	1,000 mm oversize h: 84,0 mm; piston pin dia: 22,0 mm	
<a href="#">PI057005150A</a>	4	1,500 mm oversize h: 84,0 mm; piston pin dia: 22,0 mm	
<a href="#">PI057005STDB</a>	4	STD; h: 84,0 mm Piston pin dia: 22,0 mm	
<a href="#">PI057005050B</a>	4	0,500 mm oversize h: 84,0 mm; piston pin dia: 22,0 mm	
<a href="#">PI057005075B</a>	4	0,750 mm oversize h: 84,0 mm; piston pin dia: 22,0	
<a href="#">PI057005100B</a>	4	1,000 mm oversize h: 84,0 mm; piston pin dia: 22,0 mm	
<a href="#">PI057005150B</a>	4	1,500 mm oversize h: 84,0 mm; piston pin dia: 22,0 mm	
<a href="#">PI057005STDC</a>	4	STD; h: 71,0 mm Piston pin dia: 20,0 mm	
<a href="#">PI057005050C</a>	4	0,500 mm oversize h: 71,0 mm; piston pin dia: 20,0 mm	
<a href="#">PI057005075C</a>	4	0,750 mm oversize h: 71,0 mm; piston pin dia: 20,0 mm	
<a href="#">PI057005100C</a>	4	1,000 mm oversize h: 71,0 mm; piston pin dia: 20,0 mm	
<a href="#">PI057005150C</a>	4	1,500 mm oversize h: 71,0 mm; piston pin dia: 20,0 mm	
<a href="#">SE057005STD</a>	1	STD	
<a href="#">SE057005025</a>	1	0,250 mm oversize	
<a href="#">SE057005050</a>	1	0,500 mm oversize	
<a href="#">SE057005075</a>	1	0,750 mm oversize	
<a href="#">SE057005100</a>	1	1,000 mm oversize	
<a href="#">SE057005150</a>	1	1,500 mm oversize	
<a href="#">CH057005</a>	4	Semi-finished	
<a href="#">IK057005STDA</a>	4	STD; stem dia: 8,6 mm Valve dia: 42,0 mm	
<a href="#">IK057005020A</a>	4	0,200 mm undersize Stem dia: 8,6 mm Valve dia: 42,0 mm	

REF	Qty./eng.	Remarks	
<a href="#">IK057005040A</a>	4	0,400 mm undersize Stem dia: 8,6 mm Valve dia: 42,0 mm	
<a href="#">IK057005B</a>	4	Stem dia: 7,0 mm Valve dia: 35,0 mm	
<a href="#">UK057005STDA</a>	4	STD; stem dia: 8,6 mm Valve dia: 32,0 mm	
<a href="#">UK057005020A</a>	4	0,200 mm undersize Stem dia: 8,6 mm Valve dia: 32,0 mm	
<a href="#">UK057005040A</a>	4	0,400 mm undersize Stem dia: 8,6 mm Valve dia: 32,0 mm	
<a href="#">UK057005B</a>	4	Stem dia: 7,0 mm Valve dia: 30,0 mm	
<a href="#">KS057005A</a>	8	Dia: 24,0 mm	
<a href="#">KS057005B</a>	8	Dia: 22,0 mm	
<a href="#">KG057005B</a>	8		
<a href="#">HL057005STDA</a>	1	STD	
<a href="#">HL057005025A</a>	1	0,250 mm undersize	
<a href="#">HL057005050A</a>	1	0,500 mm undersize	
<a href="#">HL057005075A</a>	1	0,750 mm undersize	
<a href="#">HL057005100A</a>	1	1,000 mm undersize	
<a href="#">HL057005STDB</a>	1	STD	
<a href="#">HL057005025B</a>	1	0,250 mm undersize	
<a href="#">HL057005050B</a>	1	0,500 mm undersize	
<a href="#">HL057005075B</a>	1	0,750 mm undersize	
<a href="#">HL057005100B</a>	1	1,000 mm undersize	
<a href="#">1BL057005STDA</a>	8	STD shaft dia: 51,970 mm	
<a href="#">1BL057005025A</a>	8	0,250 mm undersize	
<a href="#">1BL057005050A</a>	8	0,500 mm undersize	
<a href="#">1BL057005075A</a>	8	0,750 mm undersize	
<a href="#">1BL057005100A</a>	8	1,000 mm undersize	
<a href="#">1BL057005STDB</a>	8	STD shaft dia: 44,974 mm	
<a href="#">1BL057005012B</a>	8	0,120 mm undersize	
<a href="#">1BL057005025B</a>	8	0,250 mm undersize	
<a href="#">1BL057005050B</a>	8	0,500 mm undersize	
<a href="#">PB057005</a>	4		
<a href="#">NL057005STD</a>	1	STD	
<a href="#">NL057005025</a>	1	0,250 mm undersize	
<a href="#">NL057005050</a>	1	0,500 mm undersize	
<a href="#">NL057005075</a>	1	0,750 mm undersize	
<a href="#">KP057005A</a>	1	With front oil seal: 68,0 x 45,0 x 12,0 mm, with JCA	



Used for: NISSAN H20

Specifications: **Gasoline · 4 cylinders · Bore: 87,20 mm**

In: **NISSAN, TCM, KOMATSU, YANG/YAM/PUMA, EUROYEN, EP FORKLIFT, FEELER, PATRIA, BAOLI, HELI**

REF	Qty./eng.	Remarks
<a href="#">KP057005B</a>	1	With front oil seal: 95,0 x 70,0 x 13,0 mm, with JCA
<a href="#">KP057005C</a>	1	With <a href="#">JC057005C</a>
<a href="#">BP057005A</a>	1	With <a href="#">JC057005A</a>
<a href="#">BP057005C</a>	1	With <a href="#">JC057005C</a>
<a href="#">JC057005A</a>	1	Length: 438,0 mm 
<a href="#">JC057005B</a>	1	Length: 442,0 mm 
<a href="#">JC057005C</a>	1	Length: 445,0 mm 
<a href="#">KA057005B</a>	8	Total height: 19,6 mm
<a href="#">KA057005A</a>	8	Total height: 11,8 mm
<a href="#">SV057005A</a>	1	68,0 x 45,0 x 12,0 mm
<a href="#">SV057005B</a>	1	95,0 x 70,0 x 13,0 mm
<a href="#">SV057005C</a>	1	82,0 x 60,0 x 12,0 mm
<a href="#">1SA057005A</a>	2	Length: 57,0 mm
<a href="#">1SA057005B</a>	2	Length: 125,0 mm
<a href="#">SA057005C</a>	1	100,0 x 80,0 x 10,0 mm
<a href="#">KD057005</a>	1	
		
<a href="#">CB057005A</a>	8 or 9	Length: 103,0 mm
<a href="#">CB057005B</a>	1 or 2	Length: 109,0 mm
<a href="#">CB057005C</a>	1	Length: 110,0 mm
<a href="#">VP057005</a>	1	
<a href="#">BB057005A</a>	8	3/8 UNF
<a href="#">BB057005B</a>	8	M8 x 1,0 mm
<a href="#">BM057005A</a>	8	3/8 UNF
<a href="#">BM057005B</a>	8	M8 x 1,0 mm
		
<a href="#">OP057005A</a>	1	

REF	Qty./eng.	Remarks
<a href="#">OP057005B</a>	1	
<a href="#">WP057005A</a>	1	Total height: 128,0 mm Total length: 198,0 mm With gasket dia: 72,9 mm 
<a href="#">WP057005B</a>	1	Total height: 128,0 mm Total length: 199,0 mm With gasket dia: 79,9 mm 
<a href="#">WP057005C</a>	1	Total height: 93,0 mm Total length: 140,0 mm With gasket dia: 72,8 mm 
<a href="#">RW057005</a>	1	
<a href="#">NA057005</a>	1	
<a href="#">NT057005A</a>	1	Dia: 125,1 mm Total height: 23,5 mm
<a href="#">NT057005B</a>	1	Dia: 124,5 mm Total height: 20,6 mm
		
<a href="#">KT057005A</a>	1	
<a href="#">KT057005B</a>	1	Holes thread: M6
<a href="#">KT057005C</a>	1	Holes thread: M8
<a href="#">KT057005D</a>	1	Holes thread: M6
<a href="#">HT057005A</a>	1	27 teeth

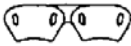

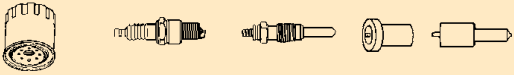





Used for: NISSAN H20

Specifications: **Gasoline** · **4 cylinders** · Bore: **87,20 mm**

In: **NISSAN, TCM, KOMATSU, YANG/YAM/PUMA, EUROYEN, EP FORKLIFT, FEELER, PATRIA, BAOLI, HELI**

REF	Qty./eng.	Remarks	
<a href="#">HT057005B</a>	1	23 teeth, h1 = 80,0 mm	
<a href="#">HT057005C</a>	1	23 teeth, h1 = 67,5 mm	
<a href="#">DK057005A</a>	1	Double chain	
<a href="#">DK057005B</a>	1	Single chain	
<a href="#">SK057005A</a>	1	For double chain	
<a href="#">SK057005B</a>	1	For single chain	
<a href="#">HK057005A</a>	1	72 links	
<a href="#">HK057005B</a>	1	70 links	
			
<a href="#">OF057005A</a>	1	Height: 106,0 mm	
<a href="#">OF057005B</a>	1	Height: 100,0 mm	
<a href="#">OF057005C</a>	1	Height: 72,0 mm	
<a href="#">B0057005A</a>	4	W16 ESU	
<a href="#">B0057005B</a>	4	W14 EXU	



Used for: NISSAN H25

Specifications: **Gasoline · 4 cylinders · Bore: 92,00 mm**

In: **NISSAN, KOMATSU, TCM, EUROYEN, EP FORKLIFT, FEELER, HALLA, PATRIA, HELI**

Used for: NISSAN

REF	Qty./eng.	Remarks
<a href="#">PI057010STD</a>	4	STD
<a href="#">PI057010050</a>	4	0,500 mm oversize
<a href="#">PI057010100</a>	4	1,000 mm oversize
<a href="#">PI057010150</a>	4	1,500 mm oversize
<a href="#">SE057010STD</a>	1	STD
<a href="#">SE057010050</a>	1	0,500 mm oversize
<a href="#">SE057010100</a>	1	1,000 mm oversize
<a href="#">SE057010150</a>	1	1,500 mm oversize
<a href="#">IK057010</a>	4	
<a href="#">UK057010</a>	4	
<a href="#">KS057010</a>	8	
<a href="#">KG057010</a>	8	
<a href="#">HL057010STD</a>	1	STD
<a href="#">HL057010025</a>	1	0,250 mm undersize
<a href="#">HL057010050</a>	1	0,500 mm undersize
<a href="#">HL057010075</a>	1	0,750 mm undersize
<a href="#">HL057010100</a>	1	1,000 mm undersize
<a href="#">1BL057010STD</a>	8	STD
<a href="#">1BL057010006</a>	8	0,060 mm undersize
<a href="#">1BL057010012</a>	8	0,120 mm undersize
<a href="#">1BL057010025</a>	8	0,250 mm undersize
<a href="#">1BL057010050</a>	8	0,500 mm undersize
<a href="#">NL057010STD</a>	1	STD
<a href="#">NL057010025</a>	1	0,250 mm undersize
<a href="#">NL057010050</a>	1	0,500 mm undersize
<a href="#">NL057010075</a>	1	0,750 mm undersize
<a href="#">KP057010</a>	1	With cylinder head gasket, with front and rear oil seals, with valve seals
<a href="#">BP057010</a>	1	With cylinder head gasket, with valve seals
<a href="#">JC057010</a>	1	
<a href="#">KA057010</a>	8	
<a href="#">SV057010</a>	1	

REF	Qty./eng.	Remarks
<a href="#">SA057010</a>	1	
<a href="#">KD057010</a>	1	
<a href="#">CB057010</a>	10	
<a href="#">VP057010</a>	1	
<a href="#">BB057010</a>	8	
<a href="#">BM057010</a>	8	
<a href="#">OP057010</a>	1	
<a href="#">WP057010</a>	1	Total height: 95,0 mm Total length: 140,0 mm With gasket
<a href="#">NA057010</a>	1	
<a href="#">NT057010</a>	1	
<a href="#">KT057010A</a>	1	Dia: 64,0 mm Total height: 29,8 mm
<a href="#">KT057010B</a>	1	Dia: 80,5 mm Total height: 51,7 mm
<a href="#">HT057010</a>	1	
<a href="#">DK057010</a>	1	
<a href="#">SK057010</a>	1	
<a href="#">HK057010</a>	1	
<a href="#">OF057010</a>	1	
<a href="#">B0057010</a>	4	



Used for: NISSAN H30

Specifications: **Gasoline** · 6 cylinders · Bore: **87,20 mm**

In: **NISSAN, KOMATSU, TCM**

REF	Qty./eng.	Remarks
<a href="#">PI057016STD</a>	6	STD
<a href="#">PI057016050</a>	6	0,500 mm oversize
<a href="#">PI057016100</a>	6	1,000 mm oversize
<a href="#">PI057016150</a>	6	1,500 mm oversize
<a href="#">SE057016STD</a>	1	STD
<a href="#">SE057016050</a>	1	0,500 mm oversize
<a href="#">SE057016100</a>	1	1,000 mm oversize
<a href="#">SE057016150</a>	1	1,500 mm oversize
<a href="#">CH057016</a>	6	
<a href="#">IK057016STD</a>	6	STD
<a href="#">IK057016020</a>	6	0,200 mm oversize
<a href="#">UK057016STD</a>	6	STD
<a href="#">UK057016020</a>	6	0,200 mm oversize
<a href="#">KS057016</a>	12	
<a href="#">HL057016STD</a>	1	STD
<a href="#">HL057016025</a>	1	0,250 mm undersize
<a href="#">HL057016050</a>	1	0,500 mm undersize
<a href="#">HL057016075</a>	1	0,750 mm undersize
<a href="#">HL057016100</a>	1	1,000 mm undersize
<a href="#">1BL057016STD</a>	12	STD
<a href="#">1BL057016025</a>	12	0,250 mm undersize
<a href="#">1BL057016050</a>	12	0,500 mm undersize
<a href="#">1BL057016075</a>	12	0,750 mm undersize
<a href="#">1BL057016100</a>	12	1,000 mm undersize
<a href="#">PB057016</a>	6	
<a href="#">NL057016STD</a>	1	STD, engine set
<a href="#">1NL057016025A</a>	1	0,250 mm undersize, front
<a href="#">1NL057016050A</a>	1	0,500 mm undersize, front
<a href="#">1NL057016075A</a>	1	0,750 mm undersize, front
<a href="#">1NL057016025B</a>	1	0,250 mm undersize, middle
<a href="#">1NL057016050B</a>	1	0,500 mm undersize, middle
<a href="#">1NL057016075B</a>	1	0,750 mm undersize, middle
<a href="#">1NL057016025C</a>	1	0,250 mm undersize, rear
<a href="#">1NL057016050C</a>	1	0,500 mm undersize, rear
<a href="#">1NL057016075C</a>	1	0,750 mm undersize, rear
<a href="#">KP057016A</a>	1	Front oil seal: 82,0 x 60,0 x 12,0 mm

REF	Qty./eng.	Remarks
<a href="#">KP057016B</a>	1	Front oil seal: 95,0 x 70,0 x 13,0 mm
<a href="#">JC057016</a>	1	
<a href="#">KA057016</a>	12	
<a href="#">SV057016A</a>	1	82,0 x 60,0 x 12,0 mm
<a href="#">SV057016B</a>	1	95,0 x 70,0 x 13,0 mm
<a href="#">1SA057016</a>	2	
<a href="#">KD057016</a>	1	
<a href="#">CB057016A</a>	11	Total length: 112,0 mm
<a href="#">CB057016B</a>	3	Total length: 119,0 mm
<a href="#">VP057016</a>	1	
<a href="#">BB057016</a>	12	
<a href="#">BM057016</a>	12	
<a href="#">OP057016</a>	1	
<a href="#">WP057016A</a>	1	Total height: 128,0 mm Total length: 198,0 mm With gasket h: 115,0 mm 
<a href="#">WP057016B</a>	1	Total height: 128,0 mm Total length: 199,0 mm With gasket h: 120,0 mm 
<a href="#">NA057016</a>	1	
<a href="#">NT057016</a>	1	



Used for: NISSAN H30

Specifications: **Gasoline** · **6 cylinders** · Bore: **87,20 mm**

In: **NISSAN, KOMATSU, TCM**

Used for: NISSAN

REF	Qty./eng.	Remarks	
<a href="#">KT057016</a>	1		
<a href="#">HT057016</a>	1		
<a href="#">DK057016</a>	1		
<a href="#">SK057016</a>	1		
<a href="#">HK057016</a>	1		
<a href="#">OF057016A</a>	1	Height: 102,0 mm	
<a href="#">OF057016B</a>	1	Height: 128,0 mm	
<a href="#">B0057016A</a>	6	W14 EXU	
<a href="#">B0057016B</a>	6	W16 ESU	



Used for: NISSAN J15

Specifications: **Gasoline · 4 cylinders · Bore: 78,00 mm**

In: **NISSAN, TCM, KOMATSU**

REF	Qty./eng.	Remarks
<a href="#">PI057004STD</a>	4	STD
<a href="#">PI057004050</a>	4	0,500 mm oversize
<a href="#">PI057004150</a>	4	1,500 mm oversize
<a href="#">PI057004100</a>	4	1,000 mm oversize
<a href="#">SE057004STD</a>	1	STD
<a href="#">SE057004050</a>	1	0,500 mm oversize
<a href="#">SE057004100</a>	1	1,000 mm oversize
<a href="#">SE057004150</a>	1	1,500 mm oversize
<a href="#">CH057004</a>	4	Semi-finished
<a href="#">IK057004A</a>	4	
<a href="#">UK057004A</a>	4	
<a href="#">IK057004B</a>	4	
<a href="#">UK057004B</a>	4	
<a href="#">KS057004</a>	8	
<a href="#">IG057004</a>	4	
<a href="#">UG057004</a>	4	
<a href="#">1HL057004STD</a>	6	STD shaft dia: 50,825 mm
<a href="#">1HL057004025</a>	6	0,250 mm undersize
<a href="#">1HL057004050</a>	6	0,500 mm undersize
<a href="#">1HL057004075</a>	6	0,750 mm undersize
<a href="#">1HL057004100</a>	6	1,000 mm undersize
<a href="#">AL057004A</a>	1	Kit thickness: 2,286 mm
<a href="#">AL057004B</a>	1	Kit thickness: 2,337 mm
<a href="#">AL057004C</a>	1	Kit thickness: 2,388 mm
<a href="#">AL057004D</a>	1	Kit thickness: 2,438 mm
<a href="#">1BL057004STD</a>	8	STD shaft dia: 47,650 mm
<a href="#">1BL057004012</a>	8	0,120 mm undersize
<a href="#">1BL057004025</a>	8	0,250 mm undersize
<a href="#">1BL057004050</a>	8	0,500 mm undersize
<a href="#">1BL057004075</a>	8	0,750 mm undersize
<a href="#">1BL057004100</a>	8	1,000 mm undersize
<a href="#">NL057004STD</a>	1	STD
<a href="#">NL057004025</a>	1	0,250 mm undersize
<a href="#">NL057004050</a>	1	0,500 mm undersize
<a href="#">NL057004075</a>	1	0,750 mm undersize

REF	Qty./eng.	Remarks
<a href="#">KP057004</a>	1	
<a href="#">BP057004</a>	1	
<a href="#">JC057004</a>	1	
<a href="#">KA057004</a>	8	
<a href="#">SV057004A</a>	1	95,0 x 70,0 x 13,0 mm
<a href="#">SV057004B</a>	1	95,0 x 67,0 x 13,0 mm
<a href="#">SV057004C</a>	1	68,0 x 45,0 x 12,0 mm
<a href="#">SV057004D</a>	1	65,0 x 50,0 x 9,0 mm
<a href="#">SV057004E</a>	1	62,0 x 39,7 x 11,0 mm
<a href="#">SA057004</a>	1	
<a href="#">1SA057004</a>	2	
<a href="#">KD057004</a>	1	
<a href="#">VP057004</a>	1	
<a href="#">BB057004</a>	8	
<a href="#">BM057004</a>	8	
<a href="#">CG057004A</a>	4	Long 3/8 UNC x 3/8 UNF x 6 1/2"
<a href="#">CG057004B</a>	4	Short 3/8 UNC x 3/8 UNF x 4 7/16"
<a href="#">CG057004C</a>	3	Middle 3/8 UNC x 3/8 UNF x 4" 3/4
<a href="#">CM057004</a>		
<a href="#">OP057004</a>	1	
<a href="#">WP057004A</a>	1	

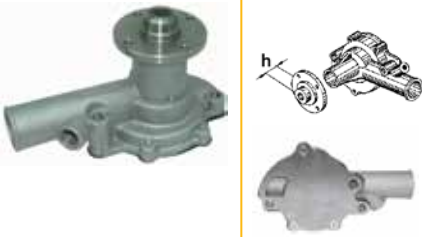

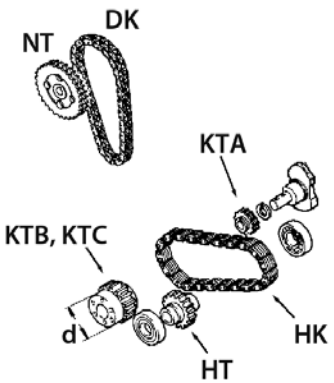




Used for: NISSAN J15

Specifications: **Gasoline** · **4 cylinders** · Bore: **78,00 mm**

In: **NISSAN, TCM, KOMATSU**

Used for: NISSAN

REF	Qty./eng.	Remarks	
<a href="#">WP057004B</a>	1	Total height: 107,0 mm Total length: 188,0 mm	With gasket h: 22,0 mm 
			
<a href="#">NA057004</a>	1		
<a href="#">NT057004</a>	1		
<a href="#">KT057004A</a>	1		
<a href="#">KT057004C</a>	1	Dia: 70,0 mm Number of teeth: 28	
<a href="#">KT057004B</a>	1	Dia: 67,0 mm Number of teeth: 27	
<a href="#">HT057004A</a>	1	Number of teeth: 24	
<a href="#">HT057004B</a>	1	Number of teeth: 27	
<a href="#">DK057004</a>	1		
<a href="#">SK057004</a>	1		
<a href="#">HK057004A</a>	1	Number of links: 38	
<a href="#">HK057004B</a>	1	Number of links: 39	
			
<a href="#">OF057004A</a>	1	Height: 102,0 mm	
<a href="#">OF057004B</a>	1	Height: 145,0 mm	
<a href="#">B0057004A</a>	4	W14 EXU	
<a href="#">B0057004B</a>	4	W22 EPU	
<a href="#">B0057004C</a>	4	W16 ESU	





Used for: NISSAN K15

Specifications: **Gasoline** · 4 cylinders · Bore: **75,50 mm**

In: **NISSAN, MITSUBISHI, TCM, KOMATSU**

REF	Qty./eng.	Remarks
<a href="#">PI057018STD</a>	4	STD
<a href="#">PI057018050</a>	4	0,500 mm oversize
<a href="#">PI057018100</a>	4	1,000 mm oversize
<a href="#">SE057018STD</a>	1	STD
<a href="#">SE057018050</a>	1	0,500 mm oversize
<a href="#">SE057018100</a>	1	1,000 mm oversize
<a href="#">IK057018</a>	4	
<a href="#">UK057018</a>	4	
<a href="#">KS057018</a>	8	
<a href="#">HL057018STD</a>	1	STD shaft dia: 62,955 mm
<a href="#">HL057018025</a>	1	0,250 mm undersize
<a href="#">HL057018050</a>	1	0,500 mm undersize
<a href="#">HL057018075</a>	1	0,750 mm undersize
<a href="#">1BL057018STD</a>	8	STD shaft dia: 44,974 mm
<a href="#">1BL057018008</a>	8	0,080 mm undersize
<a href="#">1BL057018012</a>	8	0,120 mm undersize
<a href="#">1BL057018025</a>	8	0,250 mm undersize
<a href="#">NL057018STD</a>	1	STD
<a href="#">NL057018025</a>	1	0,250 mm oversize
<a href="#">NL057018050</a>	1	0,500 mm oversize
<a href="#">NL057018075</a>	1	0,750 mm oversize
<a href="#">KP057018</a>	1	With cylinder head gasket JCA
<a href="#">BP057018</a>	1	With cylinder head gasket JCA
<a href="#">JC057018A</a>	1	Dual fuel engines, thickness: 1,7 mm
<a href="#">JC057018B</a>	1	LPG only, thickness: 1,0 - 1,25 mm
<a href="#">KA057018</a>	8	
<a href="#">SV057018</a>	1	
<a href="#">SA057018</a>	1	
<a href="#">KD057018</a>	1	

REF	Qty./eng.	Remarks
<a href="#">CB057018</a>	10	
<a href="#">VP057018</a>	1	
<a href="#">BB057018</a>	8	
<a href="#">BM057018</a>	8	
<a href="#">OP057018</a>	1	
<a href="#">WP057018</a>	1	Total height: 96,0 mm Total length: 141,5 mm
<a href="#">NA057018</a>	1	
<a href="#">NT057018</a>	1	
<a href="#">KT057018A</a>	1	For timing chain
<a href="#">KT057018B</a>	1	For hydraulic pump chain
<a href="#">HT057018A</a>	1	10 splines, number of teeth: 27
<a href="#">HT057018B</a>	1	11 splines, number of teeth: 23
<a href="#">DK057018</a>	1	
<a href="#">SK057018</a>	1	
<a href="#">HK057018A</a>	1	Number of links: 36
<a href="#">HK057018B</a>	1	Number of links: 35
<a href="#">OF057018</a>	1	
<a href="#">B0057018A</a>	4	FR2A-D
<a href="#">B0057018B</a>	4	FR2B-D



Used for: NISSAN K21

Specifications: **Gasoline · 4 cylinders · Bore: 89,00 mm · In: NISSAN, MITSUBISHI, TCM, KOMATSU, TAILIFT, KELVIN, HANGCHA, MAST, FEELER, HALLA, LIUGONG, UN FORKLIFT, GOODSENSE, BAOLI, HELI**

Used for: NISSAN

REF	Qty./eng.	Remarks
<a href="#">PI057019STDA</a>	4	STD Grooves: 1,5 - 1,5 - 2,8 mm
<a href="#">PI057019050A</a>	4	0,500 mm oversize 1,5 - 1,5 - 2,8 mm
<a href="#">PI057019100A</a>	4	1,000 mm oversize 1,5 - 1,5 - 2,8 mm
<a href="#">PI057019STDB</a>	4	STD Grooves: 1,2 - 1,2 - 2,5 mm
<a href="#">PI057019050B</a>	4	0,500 mm oversize 1,2 - 1,2 - 2,5 mm
<a href="#">PI057019100B</a>	4	1,000 mm oversize 1,2 - 1,2 - 2,5 mm
<a href="#">SE057019STDA</a>	1	STD Rings: 1,5 - 1,5 - 2,8 mm
<a href="#">SE057019050A</a>	1	0,500 mm oversize 1,5 - 1,5 - 2,8 mm
<a href="#">SE057019100A</a>	1	1,000 mm oversize 1,5 - 1,5 - 2,8 mm
<a href="#">SE057019STDB</a>	1	STD Rings: 1,2 - 1,2 - 2,5 mm
<a href="#">SE057019050B</a>	1	0,500 mm oversize 1,2 - 1,2 - 2,5 mm
<a href="#">SE057019100B</a>	1	1,000 mm oversize 1,2 - 1,2 - 2,5 mm
<a href="#">IK057019</a>	4	
<a href="#">UK057019</a>	4	
<a href="#">KS057019</a>	8	
<a href="#">HL057019STD</a>	1	STD shaft dia: 62,955 mm
<a href="#">HL057019025</a>	1	0,250 mm undersize
<a href="#">HL057019050</a>	1	0,500 mm undersize
<a href="#">HL057019075</a>	1	0,750 mm undersize
<a href="#">1BL057019STD</a>	8	STD shaft dia: 44,974 mm
<a href="#">1BL057019008</a>	8	0,080 mm undersize
<a href="#">1BL057019012</a>	8	0,120 mm undersize
<a href="#">1BL057019025</a>	8	0,250 mm undersize
<a href="#">NL057019STD</a>	1	
<a href="#">NL057019025</a>	1	
<a href="#">NL057019050</a>	1	
<a href="#">NL057019075</a>	1	
<a href="#">KP057019</a>	1	With cylinder head gasket JCA
<a href="#">BP057019</a>	1	With cylinder head gasket JCA

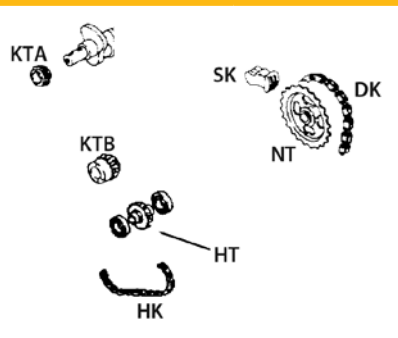
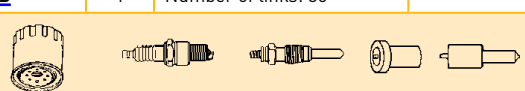
REF	Qty./eng.	Remarks
<a href="#">JC057019A</a>	1	Dual fuel engines Thickness 1,7 mm 
<a href="#">JC057019B</a>	1	LPG only Thickness 1,0 - 1,25 mm 
<a href="#">KA057019</a>	8	
<a href="#">SV057019</a>	1	
<a href="#">SA057019</a>	1	
<a href="#">KD057019</a>	1	
<a href="#">CB057019</a>	10	
<a href="#">VP057019</a>	1	
<a href="#">BB057019</a>	8	
<a href="#">BM057019</a>	8	
<a href="#">OP057019</a>	1	
<a href="#">WP057019</a>	1	Total height: 96,0 mm Total length: 141,5 mm With gasket 
<a href="#">NA057019</a>	1	



Used for: NISSAN

Used for: NISSAN K21

Specifications: **Gasoline** · **4 cylinders** · Bore: **89,00 mm** · In: **NISSAN, MITSUBISHI, TCM, KOMATSU, TAILIFT, KELVIN, HANGCHA, MAST, FEELER, HALLA, LIUGONG, UN FORKLIFT, GOODSENSE, BAOLI, HELI**

REF	Qty./eng.	Remarks
		
<a href="#">NT057019</a>	1	
<a href="#">KT057019A</a>	1	For timing chain
<a href="#">KT057019B</a>	1	For hydraulic pump chain
<a href="#">HT057019A</a>	1	10 splines, number of teeth: 27
<a href="#">HT057019B</a>	1	11 splines, number of teeth: 23
<a href="#">DK057019</a>	1	
<a href="#">SK057019</a>	1	
<a href="#">HK057019A</a>	1	Number of links: 36
<a href="#">HK057019B</a>	1	Number of links: 35
		
<a href="#">OF057019</a>	1	
<a href="#">B0057019A</a>	4	FR2A-D
<a href="#">B0057019B</a>	4	FR2B-D



Used for: NISSAN K25

Specifications: **Gasoline · 4 cylinders · Bore: 89,00 mm · In: NISSAN, MITSUBISHI, TCM, KOMATSU, LINDE, PIMESPO, KELVIN, HANGCHA, FEELER, LIUGONG, UN FORKLIFT, LONKING FORKLIFT, GOODSENSE, BAOLI, HELI**

Used for: NISSAN

REF	Qty./eng.	Remarks
<a href="#">PI057020STDA</a>	4	STD Grooves: 1,5 - 1,5 - 2,8 mm
<a href="#">PI057020050A</a>	4	0,500 mm oversize Grooves: 1,5 - 1,5 - 2,8 mm
<a href="#">PI057020100A</a>	4	1,000 mm oversize Grooves: 1,5 - 1,5 - 2,8 mm
<a href="#">PI057020STDB</a>	4	STD Grooves: 1,2 - 1,2 - 2,5 mm
<a href="#">PI057020050B</a>	4	0,500 mm oversize Grooves: 1,2 - 1,2 - 2,5 mm
<a href="#">PI057020100B</a>	4	1,000 mm oversize Grooves: 1,2 - 1,2 - 2,5 mm
<a href="#">SE057020STDA</a>	1	STD Rings: 1,5 - 1,5 - 2,8 mm
<a href="#">SE057020050A</a>	1	0,500 mm oversize Rings: 1,5 - 1,5 - 2,8 mm
<a href="#">SE057020100A</a>	1	1,000 mm oversize Rings: 1,5 - 1,5 - 2,8 mm
<a href="#">SE057020STDB</a>	1	STD Rings: 1,2 - 1,2 - 2,5 mm
<a href="#">SE057020050B</a>	1	0,500 mm oversize Rings: 1,2 - 1,2 - 2,5 mm
<a href="#">SE057020100B</a>	1	1,000 mm onversize Rings: 1,2 - 1,2 - 2,5 mm
<a href="#">IK057020</a>	4	
<a href="#">UK057020</a>	4	
<a href="#">KS057020</a>	8	
<a href="#">HL057020STD</a>	1	STD shaft dia: 62,955 mm
<a href="#">HL057020025</a>	1	0,250 mm undersize
<a href="#">HL057020050</a>	1	0,500 mm undersize
<a href="#">HL057020075</a>	1	0,750 mm undersize
<a href="#">1BL057020STD</a>	8	STD shaft dia: 44,974 mm
<a href="#">1BL057020008</a>	8	0,080 mm undersize
<a href="#">1BL057020012</a>	8	0,120 mm undersize
<a href="#">1BL057020025</a>	8	0,250 mm undersize
<a href="#">NL057020STD</a>	1	
<a href="#">NL057020025</a>	1	
<a href="#">NL057020050</a>	1	
<a href="#">NL057020075</a>	1	
<a href="#">KP057020</a>	1	With cylinder head gasket JCA
<a href="#">BP057020</a>	1	With cylinder head gasket JCA

REF	Qty./eng.	Remarks
<a href="#">JC057020A</a>	1	Dual fuel engines Thickness 1,7 mm 
<a href="#">JC057020B</a>	1	LPG only Thickness 1,0 - 1,25 mm 
<a href="#">KA057020</a>	8	
<a href="#">SV057020</a>	1	
<a href="#">SA057020</a>	1	
<a href="#">KD057020</a>	1	
<a href="#">CB057020</a>	10	
<a href="#">VP057020</a>	1	
<a href="#">BB057020</a>	8	
<a href="#">BM057020</a>	8	
<a href="#">OP057020</a>	1	
<a href="#">WP057020</a>	1	Total height: 96,0 mm Total length: 141,5 mm With gasket 
<a href="#">NA057020</a>	1	



Used for: NISSAN

Used for: NISSAN K25

Specifications: **Gasoline** · 4 cylinders · Bore: **89,00 mm** · In: **NISSAN, MITSUBISHI, TCM, KOMATSU, LINDE, PIMESPO, KELVIN, HANGCHA, FEELER, LIUGONG, UN FORKLIFT, LONKING FORKLIFT, GOODSENSE, BAOLI, HELI**

REF	Qty./eng.	Remarks
<a href="#">NT057020</a>	1	
<a href="#">KT057020A</a>	1	For timing chain
<a href="#">KT057020B</a>	1	For hydraulic pump chain
<a href="#">HT057020A</a>	1	10 splines, number of teeth: 27
<a href="#">HT057020B</a>	1	11 splines, number of teeth: 23
<a href="#">DK057020</a>	1	
<a href="#">SK057020</a>	1	
<a href="#">HK057020A</a>	1	Number of links: 36
<a href="#">HK057020B</a>	1	Number of links: 35
<a href="#">OF057020</a>	1	
<a href="#">B0057020A</a>	4	FR2A-D
<a href="#">B0057020B</a>	4	FR2B-D



Used for: NISSAN P40

Specifications: Gasoline · 6 cylinders · Bore: 85,70 mm

In: NISSAN, KOMATSU

Used for: NISSAN

REF	Qty./eng.	Remarks
<a href="#">PI057017STD</a>	6	STD
<a href="#">PI057017050</a>	6	0,500 mm oversize
<a href="#">PI057017100</a>	6	1,000 mm oversize
<a href="#">SE057017STD</a>	1	STD
<a href="#">SE057017050</a>	1	0,500 mm oversize
<a href="#">SE057017100</a>	1	1,000 mm oversize
<a href="#">IK057017</a>	6	
<a href="#">UK057017</a>	6	
<a href="#">KS057017</a>	12	
<a href="#">IG057017</a>	6	
<a href="#">UG057017</a>	6	
<a href="#">HL057017STD</a>	1	STD shaft dia: 69,280 mm
<a href="#">HL057017012</a>	1	0,120 mm undersize
<a href="#">HL057017025</a>	1	0,250 mm undersize
<a href="#">HL057017050</a>	1	0,500 mm undersize
<a href="#">HL057017075</a>	1	0,750 mm undersize
<a href="#">HL057017100</a>	1	1,000 mm undersize
<a href="#">HL057017125</a>	1	1,250 mm undersize
<a href="#">HL057017150</a>	1	1,500 mm undersize
<a href="#">1BL057017STD</a>	12	STD shaft dia: 57,130 mm
<a href="#">1BL057017025</a>	12	0,250 mm undersize
<a href="#">1BL057017050</a>	12	0,500 mm undersize
<a href="#">1BL057017075</a>	12	0,750 mm undersize
<a href="#">1BL057017100</a>	12	1,000 mm undersize
<a href="#">NL057017STD</a>	1	STD
<a href="#">NL057017025</a>	1	0,250 mm undersize
<a href="#">NL057017050</a>	1	0,500 mm undersize
<a href="#">KP057017</a>	1	With front and rear oil seals, with valve seals
<a href="#">JC057017</a>	1	
<a href="#">KA057017A</a>	12	Steel-rubber seal

REF	Qty./eng.	Remarks
<a href="#">KA057017B</a>	12	Full-rubber seal
<a href="#">SV057017</a>	1	
<a href="#">1SA057017</a>	2	
<a href="#">KD057017</a>	1	
<a href="#">CB057017</a>	16	
<a href="#">VP057017</a>	1	
<a href="#">BB057017</a>	12	
<a href="#">BM057017</a>	12	
<a href="#">OP057017</a>	1	
<a href="#">WP057017</a>	1	Total height: 136,0 mm Total length: 237,0 mm With gasket
<a href="#">NA057017</a>	1	
<a href="#">NT057017</a>	1	
<a href="#">KT057017</a>	1	
<a href="#">DK057017</a>	1	
<a href="#">OF057017</a>	1	
<a href="#">B0057017A</a>	6	W14 EXU
<a href="#">B0057017B</a>	6	W22 EPU





Used for: **NISSAN SD22**

Specifications: **Diesel · 4 cylinders · Bore: 83,00 mm**

In: **NISSAN, TCM, GROVE, YANG/YAM/PUMA**

REF	Qty./eng.	Remarks
<a href="#">PI057001STDA</a>	4	STD, for 5 rings
<a href="#">PI057001050A</a>	4	0,500 mm oversize 5 rings
<a href="#">PI057001075A</a>	4	0,750 mm oversize 5 rings
<a href="#">PI057001100A</a>	4	1,000 mm oversize 5 rings
<a href="#">PI057001150A</a>	4	1,500 mm oversize 5 rings
<a href="#">PI057001STDB</a>	4	STD, for 3 rings
<a href="#">SE057001STDA</a>	1	STD, 5 rings
<a href="#">SE057001050A</a>	1	0,500 mm oversize 5 rings
<a href="#">SE057001075A</a>	1	0,750 mm oversize 5 rings
<a href="#">SE057001100A</a>	1	1,000 mm oversize 5 rings
<a href="#">SE057001150A</a>	1	1,500 mm oversize 5 rings
<a href="#">SE057001STDB</a>	1	STD, 3 rings
<a href="#">PISE057001STDB</a>	4	STD,3 rings
<a href="#">PISE057001050B</a>	4	0,500 mm oversize 3 rings
<a href="#">PISE057001100B</a>	4	1,000 mm oversize 3 rings
<a href="#">CH057001</a>	4	Finished
<a href="#">AS057001A</a>	4	5 piston rings/piston
<a href="#">AS057001B</a>	4	3 piston rings/piston
<a href="#">IK057001STD</a>	4	STD
<a href="#">IK057001020</a>	4	0,200 mm oversize
<a href="#">IK057001040</a>	4	0,400 mm oversize
<a href="#">UK057001STD</a>	4	STD
<a href="#">UK057001020</a>	4	0,200 mm oversize
<a href="#">UK057001040</a>	4	0,400 mm oversize
<a href="#">KS057001</a>	8	
<a href="#">HL057001STDA</a>	1	STD, 6 pieces shaft dia: 70,920 mm
<a href="#">HL057001025A</a>	1	0,250 mm undersize 6 pieces
<a href="#">HL057001050A</a>	1	0,500 mm undersize 6 pieces
<a href="#">HL057001075A</a>	1	0,750 mm undersize 6 pieces
<a href="#">HL057001100A</a>	1	1,000 mm undersize 6 pieces
<a href="#">HL057001125A</a>	1	1,250 mm undersize 6 pieces

REF	Qty./eng.	Remarks
<a href="#">HL057001150A</a>	1	1,50 mm undersize 6 pieces
<a href="#">HL057001STDB</a>	1	STD, 10 pieces Shaft dia: 70,920 mm
<a href="#">HL057001025B</a>	1	0,250 mm undersize 10 pieces
<a href="#">HL057001050B</a>	1	0,500 mm undersize 10 pieces
<a href="#">HL057001075B</a>	1	0,750 mm undersize 10 pieces
<a href="#">HL057001100B</a>	1	1,000 mm undersize 10 pieces
<a href="#">AL057001STD</a>	1	STD shaft dia: 78,850 mm STD thickness: 2,325 mm
<a href="#">AL057001020</a>	1	0.020" undersize
<a href="#">1BL057001STD</a>	8	STD Shaft dia: 52,926 mm
<a href="#">1BL057001025</a>	8	0,250 mm undersize
<a href="#">1BL057001050</a>	8	0,500 mm undersize
<a href="#">1BL057001075</a>	8	0,750 mm undersize
<a href="#">1BL057001100</a>	8	1,000 mm undersize
<a href="#">1BL057001125</a>	8	1,250 mm undersize
<a href="#">1BL057001150</a>	8	1,500 mm undersize
<a href="#">PB057001A</a>	4	Max. length: 30,0 mm
<a href="#">PB057001B</a>	4	Max. length: 32,1 mm
<a href="#">NL057001STD</a>	1	STD
<a href="#">NL057001025</a>	1	0,250 mm undersize
<a href="#">NL057001050</a>	1	0,500 mm undersize
<a href="#">NL057001075</a>	1	0,750 mm undersize
<a href="#">KP057001A</a>	1	With oil seals front and rear, with valve seals
<a href="#">KP057001B</a>	1	With oil seals front and rear, with valve seals
<a href="#">KP057001C</a>	1	With oil seals front and rear, with valve seals
<a href="#">KP057001D</a>	1	With oil seals front and rear, with valve seals
<a href="#">KP057001E</a>	1	With oil seals front and rear, with valve seals
<a href="#">BP057001C</a>	1	With JCB










Used for: **NISSAN SD22**

Specifications: **Diesel · 4 cylinders · Bore: 83,00 mm**

In: **NISSAN, TCM, GROVE, YANG/YAM/PUMA**

Used for: **NISSAN**

REF	Qty./eng.	Remarks
<a href="#">JC057001A</a>	1	
<a href="#">JC057001B</a>	1	
<a href="#">KA057001</a>	8	
<a href="#">SV057001B</a>	1	No collar
<a href="#">SV057001A</a>	1	With collar
<a href="#">SA057001</a>	1	
<a href="#">KD057001</a>	1	
		
<a href="#">CB057001A</a>	10	M14, length: 118,0 mm
<a href="#">CB057001B</a>	8	M10, length: 95,0 mm
<a href="#">VP057001</a>	1	
<a href="#">BB057001</a>	8	
<a href="#">BM057001</a>	8	
		
<a href="#">OP057001</a>	1	
<a href="#">WP057001</a>	1	
		
<a href="#">NA057001</a>	1	
<a href="#">NT057001</a>	1	
<a href="#">KT057001</a>	1	
<a href="#">TT057001</a>	1	
		
<a href="#">OF057001</a>	1	
<a href="#">GB057001A</a>	4	10,5 V, M10 Total length: 68,0 mm
<a href="#">GB057001B</a>	4	9,5 V, M10 Total length: 71,0 mm
<a href="#">IT057001</a>	4	



Used for: **NISSAN SD25**

Specifications: **Diesel · 4 cylinders · Bore: 89,00 mm**

In: **NISSAN, YANG/YAM/PUMA**

REF	Qty./eng.	Remarks
<a href="#">PI057002STDA</a>	4	STD, h: 90,0 mm
<a href="#">PI057002STDB</a>	4	STD, h: 80,0 mm
<a href="#">SE057002STD</a>	1	STD
<a href="#">CH057002A</a>	4	Finished
<a href="#">CH057002B</a>	4	Semi-finished
<a href="#">4AS057002A</a>	1	With piston version A and finished liners
<a href="#">4AS057002B</a>	1	With piston version B and finished liners
<a href="#">IK057002</a>	4	
<a href="#">UK057002</a>	4	
<a href="#">KS057002</a>	8	
<a href="#">KG057002</a>	8	
<a href="#">HL057002STD</a>	1	STD shaft dia: 70,920 mm
<a href="#">HL057002025</a>	1	0,250 mm undersize
<a href="#">HL057002050</a>	1	0,500 mm undersize
<a href="#">HL057002075</a>	1	0,750 mm undersize
<a href="#">HL057002100</a>	1	1,000 mm undersize
<a href="#">AL057002STD</a>	1	STD shaft dia: 78,850 mm STD thickness: 2,325 mm
<a href="#">AL057002020</a>	1	0.020" undersize
<a href="#">AL057002040</a>	1	0.040" undersize
<a href="#">1BL057002STD</a>	8	STD shaft dia: 52,926 mm
<a href="#">1BL057002025</a>	8	0,250 mm undersize
<a href="#">1BL057002050</a>	8	0,500 mm undersize
<a href="#">1BL057002075</a>	8	0,750 mm undersize
<a href="#">1BL057002100</a>	8	1,000 mm undersize
<a href="#">1BL057002125</a>	8	1,250 mm undersize
<a href="#">1BL057002150</a>	8	1,500 mm undersize
<a href="#">PB057002</a>	4	STD shaft dia: 26,000 mm
<a href="#">NL057002STD</a>	1	STD
<a href="#">NL057002025</a>	1	0,250 mm undersize
<a href="#">NL057002050</a>	1	0,500 mm undersize
<a href="#">NL057002075</a>	1	0,750 mm undersize

REF	Qty./eng.	Remarks
<a href="#">KP057002A</a>	1	With gasket for injection pump A
		<p>inj. pump A</p>
<a href="#">KP057002B</a>	1	With gasket for injection pump B
		<p>inj. pump B</p>
<a href="#">BP057002A</a>	1	With JCA
<a href="#">BP057002B</a>	1	With JCB
<a href="#">JC057002A</a>	1	
<a href="#">JC057002B</a>	1	
<a href="#">KA057002</a>	8	
<a href="#">SV057002</a>	1	
<a href="#">SA057002A</a>	1	
<a href="#">SA057002B</a>	1	With flange after november 1997
<a href="#">KD057002</a>	1	
<a href="#">CB057002A</a>	10	M14, length: 118,0 mm
<a href="#">CB057002B</a>	8	M10, length: 95,0 mm
<a href="#">VP057002</a>	1	
<a href="#">BB057002</a>	8	
<a href="#">BM057002</a>	8	
<a href="#">OP057002A</a>	1	
<a href="#">OP057002B</a>	1	



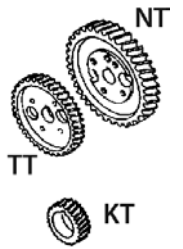

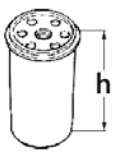


Used for: **NISSAN SD25**

Specifications: **Diesel · 4 cylinders · Bore: 89,00 mm**

In: **NISSAN, YANG/YAM/PUMA**

Used for: NISSAN

REF	Qty./eng.	Remarks	
<a href="#">WP057002</a>	1	Total height: 134,0 mm Total length: 203,0 mm	With gasket 
			
<a href="#">NA057002</a>	1		
<a href="#">NT057002</a>	1		
<a href="#">KT057002</a>	1		
<a href="#">TT057002</a>	1		
			
<a href="#">OF057002A</a>	1	Height: 125,0 mm	
<a href="#">OF057002B</a>	1	Height: 143,0 mm	
<a href="#">GB057002A</a>	4	10,5 V, M10 Total length: 68,0 mm	
<a href="#">GB057002B</a>	4	23 V, M10 Total length: 69,5 mm	
<a href="#">GB057002C</a>	4	9,5 V, M10 Total length: 71,0 mm	
<a href="#">IT057002</a>	4		

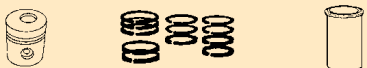

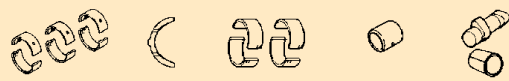
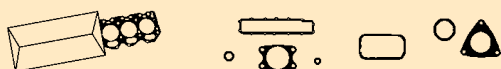








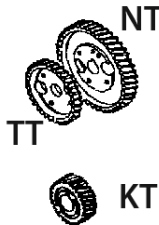

Used for: NISSAN

Used for: **NISSAN SD33T**

Specifications: **Diesel · 6 cylinders · Bore: 83,00 mm**

In: **NISSAN**

REF	Qty./eng.	Remarks
		
<a href="#">PI057003STD</a>	6	STD
<a href="#">SE057003STD</a>	1	STD
<a href="#">CH057003</a>	6	Finished
<a href="#">AS057003</a>	6	
		
<a href="#">IK057003STD</a>	6	STD
<a href="#">IK057003020</a>	6	0,200 mm oversize
<a href="#">IK057003040</a>	6	0,400 mm oversize
<a href="#">UK057003STD</a>	6	STD
<a href="#">UK057003020</a>	6	0,200 mm oversize
<a href="#">UK057003040</a>	6	0,400 mm oversize
<a href="#">KS057003</a>	12	
		
<a href="#">HL057003STD</a>	1	STD shaft dia: 70,920 mm
<a href="#">HL057003025</a>	1	0,250 mm undersize
<a href="#">HL057003050</a>	1	0,500 mm undersize
<a href="#">HL057003075</a>	1	0,750 mm undersize
<a href="#">HL057003100</a>	1	1,000 mm undersize
<a href="#">AL057003STD</a>	1	STD shaft dia: 78,850 mm STD thickness: 2,325 mm
<a href="#">AL057003020</a>	1	0.020" undersize
<a href="#">AL057003040</a>	1	0.040" undersize
<a href="#">1BL057003STD</a>	12	STD shaft dia: 52,926 mm
<a href="#">1BL057003025</a>	12	0,250 mm undersize
<a href="#">1BL057003050</a>	12	0,500 mm undersize
<a href="#">1BL057003075</a>	12	0,750 mm undersize
<a href="#">1BL057003100</a>	12	1,000 mm undersize
<a href="#">PB057003</a>	6	STD shaft dia: 26,000 mm
<a href="#">NL057003STD</a>	1	STD
		
<a href="#">KP057003</a>	1	With front and rear oil seals, with valve seals
<a href="#">JC057003</a>	1	
<a href="#">KA057003</a>	12	
<a href="#">SV057003</a>	1	
<a href="#">SA057003</a>	1	
<a href="#">KD057003</a>	1	

REF	Qty./eng.	Remarks
		
<a href="#">CB057003A</a>	14	M14, length: 118,0 mm
<a href="#">CB057003B</a>	12	M10, length: 95,0 mm
<a href="#">VP057003</a>	1	
<a href="#">BB057003</a>	12	
<a href="#">BM057003</a>	12	
		
<a href="#">OP057003</a>	1	
<a href="#">WP057003</a>	1	Total height: 149,5 mm Total length: 196,0 mm Without gasket 
		
<a href="#">NA057003</a>	1	
<a href="#">NT057003</a>	1	
<a href="#">KT057003</a>	1	
<a href="#">TT057003</a>	1	
		
<a href="#">OF057003A</a>	1	Height: 162,0 mm
<a href="#">OF057003B</a>	1	Height: 177,0 mm
<a href="#">GB057003</a>	6	
<a href="#">IT057003</a>	6	



Used for: **NISSAN TB42**

Specifications: **Gasoline · 6 cylinders · Bore: 96,00 mm**

In: **NISSAN, KOMATSU, TCM**

Used for: NISSAN

REF	Qty./eng.	Remarks
<a href="#">PI057015STD</a>	6	STD
<a href="#">PI057015050</a>	6	0,500 mm oversize
<a href="#">PI057015100</a>	6	1,000 mm oversize
<a href="#">SE057015STD</a>	1	STD
<a href="#">SE057015050</a>	1	0,500 mm oversize
<a href="#">SE057015100</a>	1	1,000 mm oversize
<a href="#">IK057015</a>	6	
<a href="#">UK057015</a>	6	
<a href="#">KS057015</a>	12	
<a href="#">IG057015</a>	6	
<a href="#">UG057015</a>	6	
<a href="#">HL057015STD</a>	1	STD
<a href="#">HL057015025</a>	1	0,250 mm undersize
<a href="#">HL057015050</a>	1	0,500 mm undersize
<a href="#">HL057015075</a>	1	0,750 mm undersize
<a href="#">HL057015100</a>	1	1,000 mm undersize
<a href="#">1BL057015STD</a>	12	STD
<a href="#">1BL057015025</a>	12	0,250 mm undersize
<a href="#">1BL057015050</a>	12	0,500 mm undersize
<a href="#">1BL057015075</a>	12	0,750 mm undersize
<a href="#">1BL057015100</a>	12	1,000 mm undersize
<a href="#">PB057015</a>	6	
<a href="#">NL057015STD</a>	1	STD
<a href="#">NL057015025</a>	1	0,250 mm undersize
<a href="#">NL057015050</a>	1	0,500 mm undersize
<a href="#">KP057015A</a>	1	With SAA, with front and rear oil seals, with valve seals
<a href="#">KP057015B</a>	1	With SAB, with front and rear oil seals, with valve seals
<a href="#">JC057015</a>	1	
<a href="#">SV057015</a>	1	
<a href="#">SA057015A</a>	1	86.0 x 100.0 x 10.0 mm

REF	Qty./eng.	Remarks
<a href="#">SA057015B</a>	1	One piece housing and seal
<a href="#">KD057015</a>	1	
<a href="#">CB057015</a>	26	
<a href="#">VP057015</a>	1	
<a href="#">BB057015</a>	12	
<a href="#">BM057015</a>	12	
<a href="#">OP057015</a>	1	
<a href="#">WP057015</a>	1	Total height: 106,0 mm Total length: 171,0 mm With gasket 
<a href="#">NA057015</a>	1	
<a href="#">NT057015</a>	1	
<a href="#">KT057015</a>	1	
<a href="#">DK057015</a>	1	
<a href="#">OF057015</a>	1	
<a href="#">B0057015A</a>	6	W14 EPRU
<a href="#">B0057015B</a>	6	W16 ESU
<a href="#">B0057015C</a>	6	W14 EXU
<a href="#">B0057015D</a>	6	W20 ESU
<a href="#">B0057015E</a>	6	W22 EPU





Used for: **NISSAN TD27**

Specifications: **Diesel · 4 cylinders · Bore: 96,00 mm**

In: **NISSAN, TCM, HANGCHA, EP FORKLIFT, CLIMAX NEW GENERATION**

REF	Qty./eng.	Remarks
<a href="#">PI057011STDA</a>	4	STD
<a href="#">PI057011STDB</a>	4	Piston pin dia: 30,0 mm, oil ring: 3,0 mm
<a href="#">SE057011STDA</a>	1	Thickness oil ring: 4,0 mm
<a href="#">SE057011STDB</a>	1	Thickness oil ring: 3,0 mm
<a href="#">CH057011A</a>	4	Finished
<a href="#">CH057011B</a>	4	Semi-finished
<a href="#">IK057011</a>	4	
<a href="#">UK057011</a>	4	
<a href="#">KS057011</a>	8	
<a href="#">KG057011</a>	8	
<a href="#">HL057011STD</a>	1	STD shaft dia: 70,920 mm
<a href="#">HL057011025</a>	1	0,250 mm undersize
<a href="#">HL057011050</a>	1	0,500 mm undersize
<a href="#">HL057011075</a>	1	0,750 mm undersize
<a href="#">HL057011100</a>	1	1,000 mm undersize
<a href="#">AL057011STD</a>	1	STD shaft dia: 78,850 mm, STD thickness: 2,325 mm
<a href="#">AL057011020</a>	1	0.020" undersize
<a href="#">AL057011040</a>	1	0.040" undersize
<a href="#">1BL057011STD</a>	8	STD shaft dia: 56,926 mm
<a href="#">1BL057011025</a>	8	0,250 mm undersize
<a href="#">1BL057011050</a>	8	0,500 mm undersize
<a href="#">1BL057011075</a>	8	0,750 mm undersize
<a href="#">1BL057011100</a>	8	1,000 mm undersize
<a href="#">PB057011</a>	4	
<a href="#">NL057011STD</a>	1	STD
<a href="#">NL057011025</a>	1	0,250 mm undersize
<a href="#">NL057011050</a>	1	0,500 mm undersize
<a href="#">NL057011075</a>	1	0,750 mm undersize
<a href="#">KP057011A</a>	1	With SAA, no head gasket, with front and rear seals, with valve seals
<a href="#">KP057011B</a>	1	With SAB, no head gasket, with front and rear seals, with valve seals
<a href="#">BP057011</a>	1	Without head gasket, with valve seals

REF	Qty./eng.	Remarks
<a href="#">JC057011A</a>	1	Thickness: 1,30 mm 
<a href="#">JC057011B</a>	1	Thickness: 1,35 mm 
<a href="#">JC057011C</a>	1	Thickness: 1,40 mm 
<a href="#">KA057011</a>	8	
<a href="#">SV057011</a>	1	
<a href="#">SA057011A</a>	1	86,0 x 100,0 x 10,0 mm
<a href="#">SA057011B</a>	1	Housing with seal in one piece
<a href="#">KD057011</a>	1	
<a href="#">CB057011</a>	18	
<a href="#">VP057011</a>	1	
<a href="#">BB057011</a>	8	
<a href="#">BM057011</a>	8	
<a href="#">OP057011</a>	1	
<a href="#">WP057011</a>	1	Total height: 126,0 mm Total length: 185,0 mm  With gasket
<a href="#">NA057011</a>	1	



Used for: **NISSAN TD27**

Specifications: **Diesel · 4 cylinders · Bore: 96,00 mm**

In: **NISSAN, TCM, HANGCHA, EP FORKLIFT, CLIMAX NEW GENERATION**

Used for: **NISSAN**

REF	Qty./eng.	Remarks
<a href="#">NT057011</a>	1	
<a href="#">KT057011A</a>	1	
<a href="#">KT057011B</a>	1	
<a href="#">TT057011A</a>	1	
<a href="#">TT057011B</a>	1	
<a href="#">OF057011</a>	1	
<a href="#">GB057011</a>	4	
<a href="#">IT057011</a>	4	



Used for: NISSAN

Used for: NISSAN TD42

Specifications: Diesel · 6 cylinders · Bore: 96,00 mm

In: NISSAN, HANGCHA, EP FORKLIFT

REF	Qty./eng.	Remarks
<a href="#">PI057014STDA</a>	6	STD; piston pin 28,0 mm
<a href="#">PI057014STDB</a>	6	STD; piston pin 30,0 mm
<a href="#">SE057014STDA</a>	1	2,5 - 2,0 - 4,0 mm
<a href="#">SE057014STDB</a>	1	2,5 - 2,0 - 3,0 mm
<a href="#">CH057014</a>	6	Finished
<a href="#">IK057014</a>	6	
<a href="#">UK057014</a>	6	
<a href="#">KS057014</a>	12	
<a href="#">KG057014</a>	12	
<a href="#">HL057014STD</a>	1	STD
<a href="#">HL057014025</a>	1	0,250 mm undersize
<a href="#">HL057014050</a>	1	0,500 mm undersize
<a href="#">HL057014075</a>	1	0,750 mm undersize
<a href="#">HL057014100</a>	1	1,000 mm undersize
<a href="#">1AL057014STD</a>	2	STD thickness: 2,325 mm
<a href="#">1AL057014020</a>	2	0,200 mm undersize
<a href="#">1AL057014040</a>	2	0,400 mm undersize
<a href="#">1BL057014STD</a>	12	STD
<a href="#">1BL057014025</a>	12	0,250 mm undersize
<a href="#">1BL057014050</a>	12	0,500 mm undersize
<a href="#">1BL057014075</a>	12	0,750 mm undersize
<a href="#">1BL057014100</a>	12	1,000 mm undersize
<a href="#">PB057014A</a>	6	
<a href="#">PB057014B</a>	6	
<a href="#">NL057014STD</a>	1	STD
<a href="#">NL057014025</a>	1	0,250 mm undersize
<a href="#">NL057014050</a>	1	0,500 mm undersize
<a href="#">NL057014075</a>	1	0,750 mm undersize
<a href="#">KP057014</a>	1	Cylinder head gasket not included, with front and rear oil seal, with valve seals
<a href="#">JC057014A</a>	1	Thickness: 1,15 mm

REF	Qty./eng.	Remarks
<a href="#">JC057014B</a>	1	Thickness: 1,20 mm
<a href="#">JC057014C</a>	1	Thickness: 1,25 mm
<a href="#">KA057014</a>	12	
<a href="#">SV057014</a>	1	
<a href="#">SA057014</a>	1	
<a href="#">KD057014</a>	1	
<a href="#">CB057014</a>	26	
<a href="#">VP057014</a>	1	
<a href="#">BB057014</a>	12	
<a href="#">BM057014</a>	12	
<a href="#">OP057014</a>	1	
<a href="#">WP057014</a>	1	Total height: 102,7 mm Total length: 190,0 mm
<a href="#">NA057014</a>	1	
<a href="#">NT057014</a>	1	
<a href="#">KT057014</a>	1	
<a href="#">TT057014</a>	1	
<a href="#">OF057014</a>	1	
<a href="#">GB057014</a>	6	
<a href="#">IT057014</a>	6	



Used for: NISSAN Z24

Specifications: **Gasoline** · 4 cylinders · Bore: **89,00 mm**

In: **NISSAN, TCM, KOMATSU**

REF	Qty./eng.	Remarks	
<a href="#">PI057007STD</a>	4	STD	
<a href="#">PI057007050</a>	4	0,500 mm oversize	
<a href="#">PI057007100</a>	4	1,000 mm oversize	
<a href="#">SE057007STD</a>	1	STD	
<a href="#">SE057007050</a>	1	0,500 mm oversize	
<a href="#">SE057007100</a>	1	1,000 mm oversize	
<a href="#">CH057007</a>	4	Semi-finished	
<a href="#">IK057007</a>	4		
<a href="#">UK057007</a>	4		
<a href="#">IG057007</a>	4		
<a href="#">UG057007A</a>	4	1 groove	
<a href="#">UG057007B</a>	4	2 grooves	
<a href="#">HL057007STD</a>	1	STD shaft dia: 59,955 mm	
<a href="#">HL057007025</a>	1	0,250 mm undersize	
<a href="#">HL057007050</a>	1	0,500 mm undersize	
<a href="#">HL057007075</a>	1	0,750 mm undersize	
<a href="#">HL057007100</a>	1	1,000 mm undersize	
<a href="#">1BL057007STD</a>	8	STD shaft dia: 49,970 mm	
<a href="#">1BL057007025</a>	8	0,250 mm undersize	
<a href="#">1BL057007050</a>	8	0,500 mm undersize	
<a href="#">1BL057007075</a>	8	0,750 mm undersize	
<a href="#">1BL057007100</a>	8	1,000 mm undersize	
<a href="#">1BL057007125</a>	8	1,250 mm undersize	
<a href="#">1BL057007150</a>	8	1,500 mm undersize	
<a href="#">NL057007STD</a>	1	STD	
<a href="#">NL057007025</a>	1	0,250 mm undersize	
<a href="#">NL057007050</a>	1	0,500 mm undersize	
<a href="#">NL057007075</a>	1	0,750 mm undersize	
<a href="#">KP057007</a>	1		
<a href="#">BP057007</a>	1		

REF	Qty./eng.	Remarks	
<a href="#">JC057007</a>	1		
<a href="#">KA057007</a>	8		
<a href="#">SV057007</a>	1		
<a href="#">SA057007</a>	1		
<a href="#">KD057007</a>	1		
<a href="#">CB057007</a>	10		
<a href="#">VP057007</a>	1		
<a href="#">BB057007</a>	8		
<a href="#">BM057007</a>	8		
<a href="#">OP057007</a>	1		
<a href="#">WP057007</a>	1	Total height: 128,0 mm Total length: 198,0 mm	With gasket 
<a href="#">RW057007</a>	1		
<a href="#">NA057007</a>	1		
<a href="#">NT057007A</a>	1	For double chain	
<a href="#">NT057007B</a>	1	For single chain	
<a href="#">KT057007A</a>	1	For double chain	

Used for: NISSAN





Used for: NISSAN

Used for: NISSAN Z24

Specifications: **Gasoline** · **4 cylinders** · Bore: **89,00 mm**

In: **NISSAN, TCM, KOMATSU**

REF	Qty./eng.	Remarks	
<a href="#">KT057007B</a>	1		
<a href="#">KT057007C</a>	1	For hydraulic pump drive	
<a href="#">KT057007D</a>	1	For single chain	
<a href="#">HT057007A</a>	1	L: 29,1 mm	
<a href="#">HT057007B</a>	1	L: 22,8 mm	
<a href="#">DK057007A</a>	1	Double chain	
<a href="#">DK057007B</a>	1	Single chain	
<a href="#">SK057007</a>	1		
<a href="#">HK057007A</a>	1		
<a href="#">HK057007B</a>	1		
			
<a href="#">OF057007</a>	1		
<a href="#">B0057007</a>	4		





USED FOR  
**PERKINS**

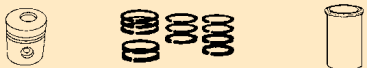

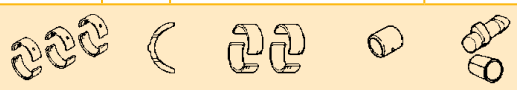
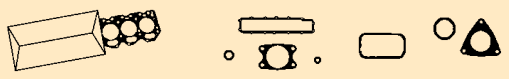








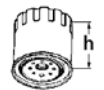




Used for: PERKINS 4.108

Specifications: Diesel · 4 cylinders · Bore: 3 1/8" (79,40 mm)

In: FENWICK, CLARK, LANSING, YALE

REF	Qty./eng.	Remarks
		
<a href="#">PI054004STD</a>	4	STD
<a href="#">1SE054004STD</a>	4	STD
<a href="#">CH054004</a>	4	Semi-finished
<a href="#">AS054004</a>	4	
		
<a href="#">IK054004</a>	4	
<a href="#">UK054004</a>	4	
<a href="#">KS054004</a>	8	
<a href="#">IG054004</a>	4	
<a href="#">UG054004</a>	4	
		
<a href="#">HL054004STD</a>	1	STD shaft dia: 57,100 mm
<a href="#">HL054004010</a>	1	0.010" undersize
<a href="#">HL054004020</a>	1	0.020" undersize
<a href="#">HL054004030</a>	1	0.030" undersize
<a href="#">1AL054004STDA</a>	2	STD shaft dia: 65,790 mm, outer, 1 bearing
<a href="#">1AL054004STDB</a>	2	STD shaft dia: 65,790 mm, inner, 1 bearing
<a href="#">4BL054004STD</a>	1	STD shaft dia: 50,800 mm
<a href="#">4BL054004010</a>	1	0.010" undersize
<a href="#">4BL054004020</a>	1	0.020" undersize
<a href="#">4BL054004030</a>	1	0.030" undersize
<a href="#">PB054004</a>	4	
		
<a href="#">BP054004</a>	1	With valve seals
<a href="#">CP054004A</a>	1	For Lansing
<a href="#">CP054004B</a>	1	For Fenwick and Clark
<a href="#">JC054004</a>	1	
<a href="#">KA054004A</a>	8	For inlet and exhaust
<a href="#">KA054004B</a>	4	Only for inlet
<a href="#">SV054004</a>	1	
<a href="#">1SA054004</a>	2	
		
<a href="#">VP054004</a>	1	

REF	Qty./eng.	Remarks
<a href="#">BB054004</a>	8	
<a href="#">CG054004</a>	18	Total length: 108,0 mm
		
<a href="#">WP054004</a>	1	Total height: 100,0 mm Total length: 160,0 mm With gasket
		
<a href="#">RW054004</a>	1	
		
<a href="#">NA054004</a>	1	
<a href="#">NT054004</a>	1	
<a href="#">KT054004</a>	1	
<a href="#">TT054004</a>	1	
		
<a href="#">OF054004A</a>	1	Height: 140,0 mm
<a href="#">OF054004B</a>	1	Height: 170,0 mm
		
<a href="#">GB054004A</a>	1	Heater plug, spade connection
		
<a href="#">GB054004B</a>	1	Heater plug, screw connection
		
<a href="#">GB054004C</a>	1	Glow plug
<a href="#">IT054004</a>	4	



Used for: PERKINS 4.203

Specifications: Diesel · 4 cylinders · Bore: 91,48 mm

In: HYSTER, HENLEY, LANSING, ALLIS CHALMERS, CLARK, CATERPILLAR, YALE, LANCER BOSS, FENWICK

REF	Qty./eng.	Remarks	
<a href="#">PI054002</a>	4	STD	
<a href="#">1SE054002A</a>	4	For cast iron liners, rings for 1 piston	
<a href="#">1SE054002B</a>	4	For chrome liners, rings for 1 piston	
<a href="#">CH054002A</a>	4	Cast iron, semi-finished	
<a href="#">CH054002B</a>	4	Cast iron, finished	
<a href="#">CH054002C</a>	4	Chrome, finished	
<a href="#">AS054002A</a>	4	With CHA	
<a href="#">AS054002B</a>	4	With CHB	
<a href="#">AS054002C</a>	4	With CHC	
<a href="#">IK054002A</a>	4	Seat angle: 45°	
<a href="#">IK054002B</a>	4	Seat angle: 30°	
<a href="#">IK054002C</a>	4	Seat angle: 45°	
<a href="#">IK054002D</a>	4	Seat angle: 45° Thicker head	
<a href="#">UK054002A</a>	4	Seat angle: 45°	
<a href="#">UK054002B</a>	4	Seat angle: 30°	
<a href="#">UK054002C</a>	4	Seat angle: 45°	
<a href="#">UK054002D</a>	4	Seat angle: 45° Thicker head	
<a href="#">KS054002</a>	8		
<a href="#">IG054002</a>	4	Height: 56,5 mm	
<a href="#">UG054002</a>	4	Height: 62,0 mm	
<a href="#">KG054002</a>	8	Height: 62,0 mm	
<a href="#">HL054002STD</a>	1	STD shaft dia: 69,812 - 69,825 mm	
<a href="#">HL054002010</a>	1	0.010" undersize	
<a href="#">HL054002020</a>	1	0.020" undersize	
<a href="#">HL054002030</a>	1	0.030" undersize	
<a href="#">1AL054002STDA</a>	2	STD; outer, 1 Thickness: 3,175 mm	
<a href="#">1AL054002007A</a>	2	0.007" undersize	
<a href="#">1AL054002STDB</a>	2	STD; inner, 1 Thickness: 3,175 mm	
<a href="#">1AL054002007B</a>	2	0.007" undersize	
<a href="#">4BL054002STD</a>	1	STD; shaft dia: 57,112 - 57,125 mm	
<a href="#">4BL054002010</a>	1	0.010" undersize	
<a href="#">4BL054002020</a>	1	0.020" undersize	
<a href="#">4BL054002030</a>	1	0.030" undersize	

REF	Qty./eng.	Remarks	
<a href="#">4BL054002060</a>	1	0.060" undersize	
<a href="#">PB054002</a>	4		
<a href="#">BP054002A</a>	1	With JCA	
<a href="#">BP054002B</a>	1	With JCB	
<a href="#">CP054002</a>	1		
<a href="#">JC054002A</a>	1		
<a href="#">JC054002B</a>	1		
<a href="#">KA054002</a>	8		
<a href="#">SV054002G</a>	1		
<a href="#">SA054002B</a>	1	Lip seal	
<a href="#">1SA054002A</a>	2	Rope seal	
<a href="#">KD054002A</a>	1		
<a href="#">KD054002B</a>	1		
<a href="#">VP054002</a>	1		
<a href="#">BB054002</a>	8		
<a href="#">BM054002</a>	8		
<a href="#">CG054002A</a>	8	Short, length: 71,0 mm	
<a href="#">CG054002B</a>	10	Long, length: 95,8 mm	
<a href="#">OP054002</a>	1		






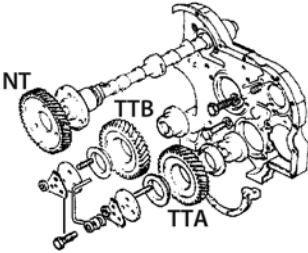

Used for: PERKINS





Used for: PERKINS 4.203

Specifications: Diesel · 4 cylinders · Bore: 91,48 mm

In: HYSTER, HENLEY, LANSING, ALLIS CHALMERS, CLARK, CATERPILLAR, YALE, LANCER BOSS, FENWICK

REF	Qty./eng.	Remarks	
<a href="#">WP054002A</a>	1	Total height: 133,0 mm Total length: 192,0 mm	With gasket 
<a href="#">WP054002B</a>	1	Total height: 132,0 mm Total length: 194,0 mm	With gasket 
<a href="#">WP054002C</a>	1	Total height: 143,6 mm Total length: 206,0 mm	With gasket 
<a href="#">WP054002D</a>	1	Total height: 120,4 mm Total length: 163,0 mm	With gasket 
<a href="#">RW054002A</a>	1		
<a href="#">RW054002B</a>	1		
<a href="#">RW054002C</a>	1		
<a href="#">RW054002D</a>	1		
			
<a href="#">NA054002</a>	1		
<a href="#">NT054002</a>	1		
<a href="#">KT054002</a>	1		
<a href="#">TT054002A</a>	1	Lower idler gear, number of teeth: 48	
<a href="#">TT054002B</a>	1	Upper idler gear, number of teeth: 43	
			
<a href="#">OF054002</a>	1		

REF	Qty./eng.	Remarks	
<a href="#">GB054002A</a>	1	Intake heater, spade connection	
<a href="#">GB054002B</a>	1	Intake heater, screw connection	
<a href="#">IT054002</a>	4		



Used for: PERKINS 4.203.2

Specifications: Diesel · 4 cylinders · Bore: 91,48 mm

In: CLARK, HYSTER, YALE, CLIMAX, LANCER BOSS, CATERPILLAR, FENWICK, ALLIS CHALMERS

REF	Qty./eng.	Remarks
<a href="#">PI054009</a>	4	STD
<a href="#">1SE054009</a>	4	STD
<a href="#">CH054009A</a>	4	Semi-finished
<a href="#">CH054009B</a>	4	Finished
<a href="#">AS054009A</a>	4	With semi-finished liner
<a href="#">AS054009B</a>	4	With finished liner
<a href="#">IK054009A</a>	4	Seat angle: 35°
<a href="#">IK054009B</a>	4	Seat angle: 45°
<a href="#">UK054009A</a>	4	Seat angle: 35°
<a href="#">UK054009B</a>	4	Seat angle: 45°
<a href="#">KS054009</a>	8	
<a href="#">IG054009</a>	4	
<a href="#">UG054009</a>	4	
<a href="#">HL054009STD</a>	1	STD shaft dia: 69,81 - 69,83 mm
<a href="#">HL054009010</a>	1	0.010" undersize
<a href="#">HL054009020</a>	1	0.020" undersize
<a href="#">HL054009030</a>	1	0.030" undersize
<a href="#">1AL054009STDA</a>	2	STD, outer, thickness: 3,175 mm
<a href="#">1AL054009007A</a>	2	0.007" undersize
<a href="#">1AL054009STDB</a>	2	STD, inner, thickness: 3,175 mm
<a href="#">1AL054009007B</a>	2	0.007" undersize
<a href="#">4BL054009STD</a>	1	STD shaft dia: 57,110 - 57,120 mm
<a href="#">4BL054009010</a>	1	0.010" undersize
<a href="#">4BL054009020</a>	1	0.020" undersize
<a href="#">4BL054009030</a>	1	0.030" undersize
<a href="#">PB054009</a>	4	
<a href="#">1NL054009</a>	1	
<a href="#">BP054009</a>	1	
<a href="#">CP054009</a>	1	
<a href="#">JC054009</a>	1	

REF	Qty./eng.	Remarks
<a href="#">KA054009</a>	8	
<a href="#">SV054009</a>	1	
<a href="#">SA054009</a>	1	
<a href="#">KD054009</a>	1	
<a href="#">CB054009A</a>	8	Length: 3 1/4"
<a href="#">CB054009B</a>	4	Length: 3 5/8"
<a href="#">CB054009C</a>	9	Length: 3 7/8"
<a href="#">BB054009</a>	8	
<a href="#">BM054009</a>	8	
<a href="#">CG054009</a>	2	Length: 111,0 mm
<a href="#">OP054009</a>	1	
<a href="#">WP054009A</a>	1	Total height: 112,8 mm Total length: 194,0 mm
<a href="#">WP054009B</a>	1	Total height: 133,0 mm Total length: 192,0 mm
<a href="#">RW054009A</a>	1	
<a href="#">RW054009B</a>	1	
<a href="#">NA054009</a>	1	

Used for: PERKINS



Used for: PERKINS 4.203.2

Specifications: Diesel · 4 cylinders · Bore: 91,48 mm

In: CLARK, HYSTER, YALE, CLIMAX, LANCER BOSS, CATERPILLAR, FENWICK, ALLIS CHALMERS

REF	Qty./eng.	Remarks	
<a href="#">NT054009</a>	1		
<a href="#">KT054009</a>	1		
<a href="#">TT054009A</a>	1	Lower idler gear, number of teeth: 48	
<a href="#">TT054009B</a>	1	Upper idler gear, number of teeth: 43	
<a href="#">OF054009</a>	1		
<a href="#">GB054009A</a>	1	Intake heater, spade connection	
<a href="#">GB054009B</a>	1	Intake heater, screw connection	
<a href="#">IT054009A</a>	4	DLL150S6771	
<a href="#">IT054009B</a>	4	6801029	
<a href="#">IT054009C</a>	4	OLL180M9977	



Used for: PERKINS 4.236

Specifications: Diesel · 4 cylinders · Bore: 98,48 mm · In: HYSTER, CLARK, CATERPILLAR, KALMAR, LANSING, YALE, TOWMOTOR, KOMATSU, MITSUBISHI, LINDE, DAEWOO/DOOSAN, MANITOU

REF	Qty./eng.	Remarks
<a href="#">PI054001STD</a>	4	STD
<a href="#">PI054001030</a>	4	0.030" oversize
<a href="#">1SE054001STD</a>	4	STD
<a href="#">1SE054001030</a>	4	0,030" oversize
<a href="#">CH054001A</a>	4	Semi-finished, no collar
<a href="#">CH054001B</a>	4	Semi-finished, with collar, flame ring
<a href="#">CH054001C</a>	4	Finished, with collar, flame ring
<a href="#">CH054001D</a>	4	Semi-finished, with collar, no flame ring
<a href="#">CH054001E</a>	4	Finished, with collar, no flame ring, oversize external dia: 104,2 mm
<a href="#">AS054001</a>	4	With liner CHA
<a href="#">IK054001STD</a>	4	STD
<a href="#">IK054001003</a>	4	0.003" oversize
<a href="#">IK054001015</a>	4	0.015" oversize
<a href="#">IK054001030</a>	4	0.030" oversize
<a href="#">UK054001STD</a>	4	STD
<a href="#">UK054001003</a>	4	0.003" oversize
<a href="#">UK054001015</a>	4	0.015" oversize
<a href="#">UK054001030</a>	4	0.030" oversize
<a href="#">KS054001</a>	8	
<a href="#">IG054001</a>	4	
<a href="#">UG054001</a>	4	
<a href="#">HL054001STD</a>	1	STD; shaft dia: 76,162 - 76,175 mm
<a href="#">HL054001010</a>	1	0.010" undersize
<a href="#">HL054001020</a>	1	0.020" undersize
<a href="#">HL054001030</a>	1	0.030" undersize
<a href="#">1AL054001STDA</a>	2	STD; outer bearing
<a href="#">1AL054001007A</a>	1	0.007" undersize
<a href="#">1AL054001STDB</a>	2	STD; inner bearing
<a href="#">1AL054001007B</a>	1	0.007" undersize
<a href="#">4BL054001STD</a>	1	STD; shaft dia: 63,475 - 63,487 mm
<a href="#">4BL054001010</a>	1	0.010" undersize
<a href="#">4BL054001020</a>	1	0.020" undersize
<a href="#">4BL054001030</a>	1	0.030" undersize
<a href="#">PB054001</a>	4	

REF	Qty./eng.	Remarks
<a href="#">BP054001</a>	1	
<a href="#">CP054001</a>	1	
<a href="#">JC054001A</a>	1	Only for use with flame ring line
<a href="#">JC054001B</a>	1	Only for use with non-flame ring
<a href="#">KA054001</a>	8	
<a href="#">SV054001</a>	1	
<a href="#">1SA054001A</a>	2	Rope seal
<a href="#">SA054001B</a>	1	Lip seal
<a href="#">KD054001</a>	1	
<a href="#">CB054001A</a>	1	Total length: 97,5 mm
<a href="#">CB054001B</a>	1	Total length: 151,0 mm
<a href="#">CB054001C</a>	1	Total length: 119,0 mm
<a href="#">CB054001D</a>	1	Total length: 130,0 mm
<a href="#">CB054001E</a>	1	Total length: 133,0 mm
<a href="#">CB054001F</a>	1	Total length: 114,5 mm
<a href="#">VP054001</a>	1	
<a href="#">BB054001</a>	8	
<a href="#">BM054001</a>	8	
<a href="#">OP054001</a>	1	Only for engines without balancer






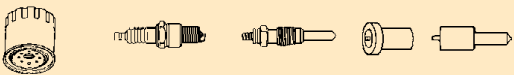


Used for: PERKINS





Used for: PERKINS 4.236

Specifications: Diesel · 4 cylinders · Bore: 98,48 mm · In: HYSTER, CLARK, CATERPILLAR, KALMAR, LANSING, YALE, TOWMOTOR, KOMATSU, MITSUBISHI, LINDE, DAEWOO/DOOSAN, MANITOU

REF	Qty./eng.	Remarks	
<a href="#">WP054001A</a>	1	Total height: 143,0 mm Total length: 209,0 mm Hose connection upper right	With gasket 
<a href="#">WP054001B</a>	1	Total height: 143,0 mm Total length: 217,0 mm Hose connection down	With gasket 
			
<a href="#">NA054001</a>	1		
<a href="#">NT054001A</a>	1	b: 38,2 mm	
<a href="#">NT054001B</a>	1	b: 35,2 mm	
<a href="#">KT054001A</a>	1	b: 47,4 mm	
<a href="#">KT054001B</a>	1	b: 45,0 mm	
			
<a href="#">OF054001</a>	1		
<a href="#">GB054001A</a>	1	Intake heater, spade connection	
<a href="#">GB054001B</a>	1	Intake heater, screw connection	
<a href="#">IT054001A</a>	4	BDLL150S6649	
<a href="#">IT054001B</a>	4	BDLL150S6507	
<a href="#">IT054001C</a>	4	BDLL150S6673	



Used for: PERKINS 4.2482

Specifications: Diesel · 4 cylinders · Bore: 101,05 mm

In: HYSTER, YALE, LANSING, CATERPILLAR, CLARK, DAEWOO/DOOSAN

REF	Qty./eng.	Remarks
<a href="#">PI054003STD</a>	4	STD
<a href="#">1SE054003STD</a>	4	STD
<a href="#">CH054003A</a>	4	Semi-finished, with collar, flame ring
<a href="#">CH054003B</a>	4	Finished, with collar, flame ring
<a href="#">CH054003D</a>	4	Finished, with collar, no flame ring
<a href="#">CH054003C</a>	4	Semi-finished, with collar, no flame ring
<a href="#">IK054003STD</a>	4	STD
<a href="#">IK054003003</a>	4	0.003" oversize
<a href="#">IK054003015</a>	4	0.015" oversize
<a href="#">IK054003030</a>	4	0.030" oversize
<a href="#">UK054003STD</a>	4	STD
<a href="#">UK054003003</a>	4	0.003" oversize
<a href="#">UK054003015</a>	4	0.015" oversize
<a href="#">UK054003030</a>	4	0.030" oversize
<a href="#">KS054003</a>	8	
<a href="#">IG054003</a>	4	
<a href="#">UG054003</a>	4	
<a href="#">HL054003STD</a>	1	STD shaft dia: 76,162 mm
<a href="#">HL054003010</a>	1	0.010" undersize
<a href="#">HL054003020</a>	1	0.020" undersize
<a href="#">HL054003030</a>	1	0.030" undersize
<a href="#">1AL054003STDA</a>	2	STD; outer bearing, thickness: 2,311 mm
<a href="#">1AL054003007A</a>	1	0.007" undersize
<a href="#">1AL054003STDB</a>	2	STD; inner bearing, thickness: 2,311 mm
<a href="#">1AL054003007B</a>	1	0.007" undersize
<a href="#">4BL054003STD</a>	1	STD shaft dia: 63,475 mm
<a href="#">4BL054003010</a>	1	0.010" undersize
<a href="#">4BL054003020</a>	1	0.020" undersize
<a href="#">4BL054003030</a>	1	0.030" undersize
<a href="#">PB054003</a>	4	
<a href="#">BP054003</a>	1	
<a href="#">CP054003</a>	1	

REF	Qty./eng.	Remarks
<a href="#">JC054003A</a>	1	Only for use with flame ring
<a href="#">JC054003B</a>	1	Only for use with non-flame ring
<a href="#">KA054003</a>	8	
<a href="#">SV054003</a>	1	
<a href="#">SA054003B</a>	1	Lip seal
<a href="#">1SA054003A</a>	2	Rope seal
<a href="#">KD054003</a>	1	
<a href="#">CB054003A</a>	6	
<a href="#">CB054003B</a>	12	
<a href="#">CB054003C</a>	2	
<a href="#">VP054003</a>	1	
<a href="#">BB054003</a>	8	
<a href="#">BM054003</a>	8	
<a href="#">OP054003A</a>	1	For engine without balancers
<a href="#">OP054003B</a>	1	For engine with balancers




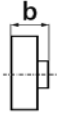
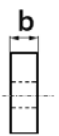
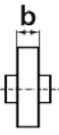



Used for: PERKINS



Used for: PERKINS 4.2482

Specifications: Diesel · 4 cylinders · Bore: 101,05 mm

In: HYSTER, YALE, LANSING, CATERPILLAR, CLARK, DAEWOO/DOOSAN

REF	Qty./eng.	Remarks	
<a href="#">WP054003A</a>	1	Total height: 143,0 mm Total length: 209,0 mm Hose connection upper right	With gasket 
<a href="#">WP054003B</a>	1	Total height: 143,0 mm Total length: 217,0 mm Hose connection down	With gasket 
<a href="#">RW054003</a>	1		
			
<a href="#">NA054003</a>	1		
<a href="#">NT054003A</a>	1	b: 38,2 mm	
<a href="#">NT054003B</a>	1	b: 35,2 mm	
<a href="#">KT054003A</a>	1	b: 47,4 mm	
<a href="#">KT054003B</a>	1	b: 45 mm	
<a href="#">TT054003A</a>	1	b: 27,8 mm	
<a href="#">TT054003B</a>	1	b: 24,2 mm	
			
<a href="#">OF054003</a>	1		
<a href="#">GB054003A</a>	1	Intake heater, spade connection	
<a href="#">GB054003B</a>	1	Intake heater, screw connection	
<a href="#">IT054003</a>	4		



Used for: PERKINS 6.354

Specifications: Diesel · 6 cylinders · Bore: 3 7/8" (98,48 mm)

In: HYSTER, CATERPILLAR, CLARK

Used for: PERKINS

REF	Qty./eng.	Remarks
<a href="#">PI054005STD</a>	6	STD
<a href="#">1SE054005STD</a>	6	STD
<a href="#">CH054005A</a>	6	Semi-finished, without collar
<a href="#">CH054005B</a>	6	Semi-finished, with collar
<a href="#">CH054005C</a>	6	Finished, with collar
<a href="#">AS054005A</a>	6	With CHA
<a href="#">AS054005B</a>	6	With CHB
<a href="#">AS054005C</a>	6	With CHC
<a href="#">IK054005</a>	6	
<a href="#">UK054005</a>	6	
<a href="#">KS054005</a>	12	
<a href="#">IG054005</a>	6	
<a href="#">UG054005</a>	6	
<a href="#">HL054005STD</a>	1	STD shaft dia: 76,162 mm
<a href="#">HL054005010</a>	1	0.010" undersize
<a href="#">HL054005020</a>	1	0.020" undersize
<a href="#">HL054005030</a>	1	0.030" undersize
<a href="#">1AL054005STDA</a>	2	STD, outer, bearing: 86,868 mm
<a href="#">1AL054005007A</a>	1	0.007" undersize
<a href="#">1AL054005STDB</a>	2	STD, inner, bearing: 86,868 mm
<a href="#">1AL054005007B</a>	1	0.007" undersize
<a href="#">1AL054005STDC</a>	2	STD, upper bearing: 77,343 mm
<a href="#">1AL054005STDD</a>	2	STD, lower bearing: 77,343 mm
<a href="#">6BL054005STD</a>	1	STD, shaft dia: 63,475 mm
<a href="#">6BL054005010</a>	1	0.010" undersize
<a href="#">6BL054005020</a>	1	0.020" undersize
<a href="#">6BL054005030</a>	1	0.030" undersize
<a href="#">PB054005</a>	6	
<a href="#">BP054005</a>	1	
<a href="#">CP054005A</a>	1	For Hyster and Caterpillar
<a href="#">CP054005B</a>	1	For Clark
<a href="#">JC054005</a>	1	

REF	Qty./eng.	Remarks
<a href="#">KA054005</a>	12	
<a href="#">SV054005</a>	1	
<a href="#">SA054005B</a>	1	Lip seal
<a href="#">1SA054005A</a>	2	Rope seal
<a href="#">KD054005</a>	1	
<a href="#">VP054005</a>	1	
<a href="#">BB054005</a>	12	
<a href="#">BM054005</a>	12	
<a href="#">CG054005</a>	6	Length: 87,0 mm
<a href="#">OP054005A</a>	1	For Hyster
<a href="#">OP054005B</a>	1	For Clark and Caterpillar
<a href="#">WP054005</a>	1	Total height: 174,0 mm Total length: 275,0 mm
<a href="#">RW054005</a>	1	
<a href="#">NA054005</a>	1	
<a href="#">NT054005</a>	1	
<a href="#">KT054005</a>	1	
<a href="#">TT054005A</a>	1	Upper
<a href="#">TT054005B</a>	1	Lower






Used for: PERKINS

Used for: PERKINS 6.354

Specifications: **Diesel** · **6 cylinders** · Bore: **3 7/8" (98,48 mm)**

In: **HYSTER, CATERPILLAR, CLARK**

REF	Qty./eng.	Remarks	
			
<a href="#"><u>OF054005</u></a>	1		
<a href="#"><u>GB054005A</u></a>	1	Intake heater, spade connection	
<a href="#"><u>GB054005B</u></a>	1	Intake heater, screw connection	
<a href="#"><u>IT054005A</u></a>	6	For Hyster	
<a href="#"><u>IT054005B</u></a>	6	For Clark	
<a href="#"><u>IT054005C</u></a>	6	For Caterpillar	



Used for: PERKINS 6.3544

Specifications: Diesel · 6 cylinders · Bore: 3 7/8" (98,48 mm)

In: CLARK, HYSTER, KALMAR, FANTUZZI

Used for: PERKINS

REF	Qty./eng.	Remarks
<a href="#">PI054006STD</a>	6	STD
<a href="#">1SE054006STD</a>	6	STD
<a href="#">CH054006A</a>	6	Finished
<a href="#">CH054006B</a>	6	Semi-finished
<a href="#">AS054006A</a>	6	With liner CHA
<a href="#">AS054006B</a>	6	With liner CHB
<a href="#">IK054006</a>	6	
<a href="#">UK054006</a>	6	
<a href="#">KS054006</a>	12	
<a href="#">IG054006</a>	6	
<a href="#">UG054006</a>	6	
<a href="#">HL054006STD</a>	1	STD shaft dia: 76,170 mm
<a href="#">HL054006010</a>	1	0.010" undersize
<a href="#">HL054006020</a>	1	0.020" undersize
<a href="#">HL054006030</a>	1	0.030" undersize
<a href="#">1AL054006STDA</a>	2	STD; outer, bearing Thickness: 86,868 mm
<a href="#">1AL054006007A</a>	1	0.007" undersize
<a href="#">1AL054006STDB</a>	2	STD; inner, bearing Thickness: 86,868 mm
<a href="#">1AL054006007B</a>	1	0.007" undersize
<a href="#">6BL054006STD</a>	1	STD; shaft dia: 63,480 mm
<a href="#">6BL054006010</a>	1	0.010" undersize
<a href="#">6BL054006020</a>	1	0.020" undersize
<a href="#">6BL054006030</a>	1	0.030" undersize
<a href="#">PB054006</a>	6	
<a href="#">BP054006</a>	1	
<a href="#">CP054006</a>	1	
<a href="#">JC054006</a>	1	
<a href="#">KA054006</a>	12	
<a href="#">SV054006</a>	1	
<a href="#">SA054006</a>	1	
<a href="#">KD054006</a>	1	

REF	Qty./eng.	Remarks	
<a href="#">CB054006A</a>	12	Total length: 97,5 mm	
<a href="#">CB054006B</a>	6	Total length: 119,0 mm	
<a href="#">VP054006</a>	1		
<a href="#">BB054006</a>	12		
<a href="#">BM054006</a>	12		
<a href="#">OP054006</a>	1		
<a href="#">WP054006A</a>	1	Total height: 202,0 mm Total length: 414,0 mm	With gasket
<a href="#">WP054006B</a>	1	Total height: 167,0 mm Total length: 306,0 mm	With gasket
<a href="#">RW054006</a>	1		
<a href="#">NA054006</a>	1		
<a href="#">NT054006</a>	1		
<a href="#">KT054006</a>	1		
<a href="#">TT054006A</a>	1	Upper	
<a href="#">TT054006B</a>	1	Lower	
<a href="#">OF054006</a>	1		
<a href="#">GB054006A</a>	1	Intake heater, spade connection	
<a href="#">GB054006B</a>	1	Intake heater, screw connection	
<a href="#">IT054006</a>	6		





Used for: PERKINS

Used for: PERKINS 704.26 UB70443

Specifications: Diesel · 4 cylinders · Bore: 3.59" (91,10 mm)

In: HYSTER

REF	Qty./eng.	Remarks
<a href="#">PI054012STD</a>	4	STD
<a href="#">PI054012050</a>	4	0,500 mm oversize
<a href="#">1SE054012STD</a>	4	STD
<a href="#">1SE054012050</a>	4	0,500 mm oversize
<a href="#">IK054012</a>	4	
<a href="#">UK054012</a>	4	
<a href="#">KS054012</a>	8	
<a href="#">KG054012</a>	8	
<a href="#">HL054012STD</a>	1	STD; shaft dia: 64,951 - 64,970 mm
<a href="#">HL054012025</a>	1	0,250 mm undersize
<a href="#">HL054012050</a>	1	0,500 mm undersize
<a href="#">HL054012075</a>	1	0,750 mm undersize
<a href="#">1AL054012STD</a>	2	STD; thickness: 2,38 mm
<a href="#">1AL054012020</a>	2	Thickness: 2,44 mm
<a href="#">4BL054012STD</a>	1	STD shaft dia: 52,95 - 52,97 mm
<a href="#">4BL054012025</a>	1	0,250 mm undersize
<a href="#">4BL054012050</a>	1	0,500 mm undersize
<a href="#">4BL054012075</a>	1	0,750 mm undersize
<a href="#">PB054012</a>	4	
<a href="#">1NL054012</a>	1	
<a href="#">BP054012</a>	1	With valve seals
<a href="#">CP054012</a>	1	No oil seals included
<a href="#">JC054012</a>	1	
<a href="#">KA054012</a>	8	
<a href="#">SV054012</a>	1	
<a href="#">SA054012</a>	1	
<a href="#">KD054012</a>	1	
<a href="#">CB054012A</a>	14	
<a href="#">CB054012B</a>	4	With stud on head

REF	Qty./eng.	Remarks
<a href="#">VP054012</a>	1	
<a href="#">BB054012</a>	8	
<a href="#">BM054012</a>	8	
<a href="#">OP054012</a>	1	
<a href="#">WP054012</a>	1	Total height: 129,0 mm Total length: 210,0 mm With gasket 
<a href="#">NA054012</a>	1	Complete with gear
<a href="#">NT054012</a>	1	
<a href="#">KT054012</a>	1	
<a href="#">TT054012</a>	1	
<a href="#">OF054012</a>	1	
<a href="#">GB054012</a>	4	
<a href="#">IT054012</a>	4	



Used for: PERKINS 704.30 UA80885

Specifications: Diesel · 4 cylinders · Bore: 3.82" (97,00 mm)

In: CLARK

Used for: PERKINS

REF	Qty./eng.	Remarks
<a href="#">PI054013STD</a>	4	STD
<a href="#">PI054013050</a>	4	0,500 mm oversize
<a href="#">1SE054013STD</a>	4	STD
<a href="#">1SE054013050</a>	4	0,500 mm oversize
<a href="#">IK054013</a>	4	
<a href="#">UK054013</a>	4	
<a href="#">KS054013</a>	8	
<a href="#">KG054013</a>	8	
<a href="#">HL054013STD</a>	1	STD shaft dia: 64,95 - 64,97 mm
<a href="#">HL054013025</a>	1	0,250 mm undersize
<a href="#">HL054013050</a>	1	0,500 mm undersize
<a href="#">HL054013075</a>	1	0,750 mm undersize
<a href="#">1AL054013STD</a>	2	STD; thickness: 2,38 mm
<a href="#">1AL054013020</a>	2	0,200 mm oversize thickness: 2,44 mm
<a href="#">4BL054013STD</a>	1	STD shaft dia: 52,95 mm - 52,97 mm
<a href="#">4BL054013025</a>	1	0,250 mm undersize
<a href="#">4BL054013050</a>	1	0,500 mm undersize
<a href="#">4BL054013075</a>	1	0,750 mm undersize
<a href="#">PB054013</a>	4	
<a href="#">1NL054013</a>	1	
<a href="#">BP054013</a>	1	With valve seals
<a href="#">CP054013</a>	1	No oil seals included
<a href="#">JC054013</a>	1	
<a href="#">KA054013</a>	8	
<a href="#">SV054013</a>	1	
<a href="#">SA054013</a>	1	
<a href="#">KD054013</a>	1	
<a href="#">CB054013A</a>	14	
<a href="#">CB054013B</a>	4	

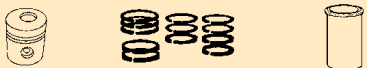
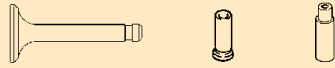
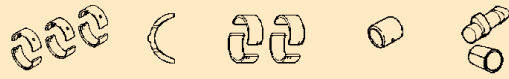
REF	Qty./eng.	Remarks
<a href="#">VP054013</a>	1	
<a href="#">BB054013</a>	8	
<a href="#">BM054013</a>	8	
<a href="#">OP054013</a>	1	
<a href="#">WP054013</a>	1	Total height: 129,0 mm Total length: 210,0 mm With gasket 
<a href="#">NA054013</a>	1	Complete with gear
<a href="#">NT054013</a>	1	
<a href="#">KT054013</a>	1	
<a href="#">TT054013</a>	1	
<a href="#">OF054013</a>	1	
<a href="#">GB054013</a>	4	
<a href="#">IT054013</a>	4	






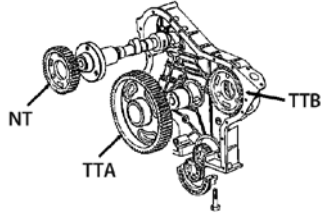



Used for: PERKINS 903.27

Specifications: Diesel · 3 cylinders · Bore: 3.74" (95,00 mm)

In: LINDE, MANITOU

REF	Qty./eng.	Remarks
		
<a href="#">PI054008STDA</a>	3	STD; height: grade X, compression height: 62,10 - 62,15 mm
<a href="#">PI054008STDB</a>	3	STD; height: grade Y, compression height: 62,02 - 62,07 mm
<a href="#">1SE054008STD</a>	3	Rings for 1 piston
<a href="#">CH054008</a>	3	Semi-finished
		
<a href="#">IK054008</a>	3	
<a href="#">UK054008</a>	3	
<a href="#">KS054008</a>	6	Tappet
<a href="#">KG054008</a>	6	
		
<a href="#">HL054008STD</a>	1	STD; shaft dia: 69,812 - 69,832 mm
<a href="#">HL054008010</a>	1	0.010" undersize
<a href="#">HL054008020</a>	1	0.020" undersize
<a href="#">HL054008030</a>	1	0.030" undersize
<a href="#">1AL054008STDA</a>	2	STD; outer, bearing
<a href="#">1AL054008007A</a>	2	0.007" undersize
<a href="#">1AL054008STDB</a>	2	STD; inner, bearing
<a href="#">1AL054008007B</a>	2	0.007" undersize
<a href="#">3BL054008STD</a>	1	STD; shaft dia: 57,110 - 57,130 mm
<a href="#">3BL054008010</a>	1	0.010" undersize
<a href="#">3BL054008020</a>	1	0.020" undersize
<a href="#">3BL054008030</a>	1	0.030" undersize
<a href="#">PB054008</a>	3	
		
<a href="#">BP054008</a>	1	With valve seats
<a href="#">CP054008</a>	1	No oil seals included
<a href="#">JC054008</a>	1	
<a href="#">KA054008</a>	6	
<a href="#">SV054008G</a>	1	
<a href="#">SA054008</a>	1	
<a href="#">KD054008</a>	1	

REF	Qty./eng.	Remarks
		
<a href="#">CB054008</a>	8	
<a href="#">VP054008</a>	1	
<a href="#">BB054008</a>	6	
<a href="#">BM054008</a>	6	
<a href="#">CG054008</a>	4	Length: 130,5 mm
		
<a href="#">OP054008</a>	1	
<a href="#">WP054008</a>	1	Total height: 127,0 mm Total length: 220,0 mm  With gasket
<a href="#">RW054008</a>	1	
		
<a href="#">NA054008</a>	1	
<a href="#">NT054008</a>	1	 NT TTA TTB
<a href="#">KT054008</a>	1	
<a href="#">TT054008A</a>	1	Number of teeth: 90
<a href="#">TT054008B</a>	1	Number of teeth: 50
		
<a href="#">OF054008</a>	1	
<a href="#">GB054008</a>	1	
<a href="#">IT054008A</a>	3	LB051B, up to engine serial number U330416D
<a href="#">IT054008B</a>	3	L056PBA, from engine serial number U330417D



Used for: PERKINS 1004.4

Specifications: Diesel · 4 cylinders · Bore: 3 15/16" (100,00 mm)

In: LINDE, CLARK, HYSTER, YALE, MANITOU, CESAB, HANGCHA, EP FORKLIFT, HALLA, SAMSUNG, STILL

REF	Qty./eng.	Remarks
<a href="#">PI054007STD</a>	4	STD
<a href="#">1SE054007STD</a>	4	STD
<a href="#">CH054007A</a>	4	Finished
<a href="#">CH054007B</a>	4	Semi-finished
<a href="#">AS054007</a>	4	With finished liner
<a href="#">IK054007</a>	4	
<a href="#">UK054007</a>	4	
<a href="#">KS054007</a>	8	
<a href="#">IG054007</a>	4	
<a href="#">UG054007</a>	4	
<a href="#">HL054007STD</a>	1	STD; shaft dia: 76,162 mm
<a href="#">HL054007010</a>	1	0.010" undersize
<a href="#">HL054007020</a>	1	0.020" undersize
<a href="#">HL054007030</a>	1	0.030" undersize
<a href="#">1AL054007STDA</a>	2	STD; outer bearing: 86,868 mm
<a href="#">1AL054007007A</a>	1	0.007" undersize
<a href="#">1AL054007STDB</a>	2	STD; inner bearing: 86,868 mm
<a href="#">1AL054007007B</a>	1	0.007" undersize
<a href="#">4BL054007STD</a>	1	STD
<a href="#">4BL054007010</a>	1	0.010" undersize
<a href="#">4BL054007020</a>	1	0.020" undersize
<a href="#">4BL054007030</a>	1	0.030" undersize
<a href="#">4BL054007040</a>	1	0.040" undersize
<a href="#">4BL054007050</a>	1	0.050" undersize
<a href="#">4BL054007060</a>	1	0.060" undersize
<a href="#">PB054007</a>	4	
<a href="#">BP054007</a>	1	With valve seals
<a href="#">CP054007A</a>	1	For Clark and Linde
<a href="#">CP054007B</a>	1	For Hyster
<a href="#">CP054007C</a>	1	For JCB and Linde
<a href="#">JC054007</a>	1	
<a href="#">KA054007</a>	8	

REF	Qty./eng.	Remarks	
<a href="#">SV054007</a>	1		
<a href="#">SA054007</a>	1		
<a href="#">KD054007A</a>	1	Cork	
<a href="#">KD054007B</a>	1	Rubber	
<a href="#">CB054007A</a>	2	Length: 5"	
<a href="#">CB054007B</a>	8	Length: 3" 5/8	
<a href="#">CB054007C</a>	12	Length: 4" 1/4	
<a href="#">VP054007</a>	1		
<a href="#">BB054007</a>	8		
<a href="#">BM054007</a>	8		
<a href="#">OP054007A</a>	1	For engine without balancer	
<a href="#">OP054007B</a>	1	For engine with balancer	
<a href="#">WP054007A</a>	1	Total height: 120,0 mm Total length: 275,0 mm	Without gasket
<a href="#">WP054007B</a>	1	Total height: 156,0 mm Total length: 212,0 mm	With gasket
<a href="#">RW054007A</a>	1		
<a href="#">RW054007B</a>	1		

Used for: PERKINS



Used for: PERKINS

Used for: PERKINS 1004.4

Specifications: **Diesel** · **4 cylinders** · Bore: **3 15/16" (100,00 mm)**

In: **LINDE, CLARK, HYSTER, YALE, MANITOU, CESAB, HANGCHA, EP FORKLIFT, HALLA, SAMSUNG, STILL**

REF	Qty./eng.	Remarks
<a href="#"><u>NA054007</u></a>	1	
<a href="#"><u>NT054007</u></a>	1	
<a href="#"><u>KT054007</u></a>	1	
<a href="#"><u>TT054007</u></a>	1	
<a href="#"><u>OF054007</u></a>	1	
<a href="#"><u>GB054007A</u></a>	1	
<a href="#"><u>GB054007B</u></a>	1	
<a href="#"><u>IT054007A</u></a>	4	For Clark and Hyster, number on injector 6801058
<a href="#"><u>IT054007B</u></a>	4	For Linde, number on injector 6801084



Used for: PERKINS 1006.6

Specifications: Diesel · 6 cylinders · Bore: 100,00 mm

In: HYSTER (YA7 0217 spec), LINDE, KOMATSU, FANTUZZI

REF	Qty./eng.	Remarks
<a href="#">PI054011STD</a>	6	STD
<a href="#">1SE054011STD</a>	6	STD
<a href="#">CH054011A</a>	6	Finished
<a href="#">CH054011B</a>	6	Semi-finished
<a href="#">AS054011</a>	6	With finished liner
<a href="#">IK054011</a>	6	
<a href="#">UK054011</a>	6	
<a href="#">KS054011</a>	12	
<a href="#">IG054011</a>	6	
<a href="#">UG054011</a>	6	
<a href="#">HL054011STD</a>	1	STD; shaft dia: 76,159 - 76,190 mm
<a href="#">HL054011010</a>	1	0.010" undersize
<a href="#">HL054011020</a>	1	0.020" undersize
<a href="#">HL054011030</a>	1	0.030" undersize
<a href="#">1AL054011STDA</a>	2	STD; outer
<a href="#">1AL054011007A</a>	2	0.007" undersize
<a href="#">1AL054011STDB</a>	2	STD; inner
<a href="#">1AL054011007B</a>	2	0.007" undersize
<a href="#">6BL054011STD</a>	1	STD; shaft dia: 63,470 - 63,490 mm
<a href="#">6BL054011010</a>	1	0.010" undersize
<a href="#">6BL054011020</a>	1	0.020" undersize
<a href="#">6BL054011030</a>	1	0.030" undersize
<a href="#">PB054011</a>	6	
<a href="#">BP054011</a>	1	With valve seals
<a href="#">CP054011</a>	1	
<a href="#">JC054011</a>	1	
<a href="#">KA054011</a>	12	
<a href="#">SV054011</a>	1	
<a href="#">SA054011</a>	1	
<a href="#">KD054011A</a>	1	For aluminium cover
<a href="#">KD054011B</a>	1	For plastic cover

REF	Qty./eng.	Remarks
<a href="#">CB054011A</a>	2	Length: 5" 1/8
<a href="#">CB054011B</a>	12	Length: 3" 5/8
<a href="#">CB054011C</a>	18	Length: 4" 1/4
<a href="#">VP054011</a>	1	
<a href="#">BB054011</a>	12	
<a href="#">BM054011</a>	12	
<a href="#">OP054011</a>	1	
<a href="#">WP054011</a>	1	Total height: 120,0 mm Total length: 275,0 mm Without gasket
<a href="#">NA054011</a>	1	
<a href="#">OF054011</a>	1	
<a href="#">GB054011</a>	1	
<a href="#">IT054011</a>	6	Number on injector 6801058





Used for: PERKINS

Used for: PERKINS D3.152

Specifications: Diesel · 3 cylinders · Bore: 91,48 mm

In: HYSTER, CATERPILLAR, FENWICK, LUGLI, YALE

REF	Qty./eng.	Remarks
<a href="#">PI054010A</a>	3	STD; 5 rings, grooves: 2,4 - 2,4 - 3,2 - 6,3 - 6,3 mm
<a href="#">PI054010B</a>	3	STD; 4 rings, grooves: 2,4 - 2,4 - 2,4 - 6,4 mm
<a href="#">PI054010C</a>	3	STD; 4 rings, grooves: 2,4 - 2,4 - 2,4 - 4,8 mm
<a href="#">1SE054010A</a>	3	For 1 piston PIA
<a href="#">1SE054010B</a>	3	For 1 piston PIB
<a href="#">1SE054010C</a>	3	For 1 piston PIC
<a href="#">CH054010A</a>	3	Finished
<a href="#">CH054010B</a>	3	Semi-finished
<a href="#">AS054010A</a>	3	With finished liner
<a href="#">AS054010B</a>	3	With semi-finished liner
<a href="#">IK054010A</a>	3	Seat angle: 30°
<a href="#">IK054010B</a>	3	Seat angle: 45°
<a href="#">UK054010A</a>	3	Seat angle: 30°
<a href="#">UK054010B</a>	3	Seat angle: 45°
<a href="#">KS054010</a>	6	
<a href="#">KG054010</a>	6	
<a href="#">HL054010STD</a>	1	STD; shaft dia: 69,812 - 69,832 mm
<a href="#">HL054010010</a>	1	0.010" undersize
<a href="#">HL054010020</a>	1	0.020" undersize
<a href="#">HL054010030</a>	1	0.030" undersize
<a href="#">1AL054010STDA</a>	2	STD; 1 bearing
<a href="#">1AL054010007A</a>	2	0.007" undersize
<a href="#">1AL054010STDB</a>	2	STD; 1 bearing
<a href="#">1AL054010007B</a>	2	0.007" undersize
<a href="#">3BL054010STD</a>	1	STD; shaft dia: 57,112 - 57,125 mm
<a href="#">3BL054010010</a>	1	0.010" undersize
<a href="#">3BL054010020</a>	1	0.020" undersize
<a href="#">3BL054010030</a>	1	0.030" undersize
<a href="#">PB054010</a>	3	
<a href="#">BP054010A</a>	1	With valve seals
<a href="#">BP054010B</a>	1	For Hyster
<a href="#">CP054010</a>	1	

REF	Qty./eng.	Remarks	
<a href="#">JC054010A</a>	1		
<a href="#">JC054010B</a>	1	For Hyster 	
<a href="#">SV054010G</a>	1		
<a href="#">SA054010B</a>	1	Lip seal	
<a href="#">1SA054010A</a>	2	Rope seal	
<a href="#">KD054010</a>	1		
<a href="#">VP054010</a>	1		
<a href="#">BB054010</a>	6		
<a href="#">BM054010</a>	6		
<a href="#">OP054010</a>	1		
<a href="#">WP054010A</a>	1	Total height: 127,0 mm Total length: 193,0 mm 	With gasket 
<a href="#">WP054010B</a>	1	Total height: 127,0 mm Total length: 180,0 mm 	With gasket 
<a href="#">WP054010C</a>	1	Total height: 120,4 mm Total length: 103,0 mm 	With gasket



Used for: PERKINS D3.152

Specifications: **Diesel** · **3 cylinders** · Bore: **91,48 mm**

In: **HYSTER, CATERPILLAR, FENWICK, LUGLI, YALE**

Used for: PERKINS

REF	Qty./eng.	Remarks	
<a href="#">RW054010</a>	1		
<a href="#">NA054010</a>	1		
<a href="#">NT054010</a>	1		
<a href="#">KT054010</a>	1		
<a href="#">TT054010</a>	1		
<a href="#">OF054010</a>	1		
<a href="#">GB054010A</a>	1	Intake heater, spade connection	
<a href="#">GB054010B</a>	1	Intake heater, screw connection	
<a href="#">IT054010A</a>	3	BDLL150S6513, for Hyster	
<a href="#">IT054010B</a>	3	BDL110S6709	



USED FOR  
**PEUGEOT**

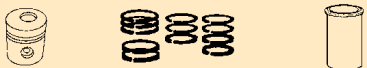
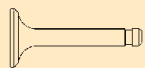


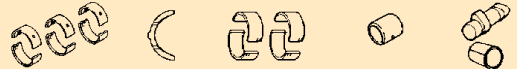
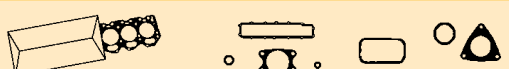




Used for: PEUGEOT

Used for: PEUGEOT XC7P

Specifications: **Gasoline · 4 cylinders · Bore: 84,00 mm**

In: **FENWICK**

REF	Qty./eng.	Remarks
		
<a href="#">SE678004STD</a>	1	STD
<a href="#">AS678004</a>	4	With pin
  		
<a href="#">IK678004A</a>	4	Up to 31/05/1986
<a href="#">IK678004B</a>	4	From 01/06/1986
<a href="#">UK678004</a>	4	
<a href="#">KS678004</a>	8	
<a href="#">KG678004STD</a>	8	STD
<a href="#">KG678004030</a>	8	0,300 mm oversize
		
<a href="#">HL678004STD</a>	1	STD
<a href="#">HL678004030</a>	1	0,300 mm undersize
<a href="#">AL678004STD</a>	1	STD
<a href="#">AL678004005</a>	1	0,050 mm undersize
<a href="#">AL678004010</a>	1	0,100 mm undersize
<a href="#">AL678004015</a>	1	0,150 mm undersize
<a href="#">AL678004020</a>	1	0,200 mm undersize
<a href="#">1BL678004STD</a>	8	STD
<a href="#">1BL678004030</a>	8	0,300 mm undersize
<a href="#">1BL678004050</a>	8	0,500 mm undersize
<a href="#">PB678004</a>	4	
		
<a href="#">KP678004</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP678004</a>	1	
<a href="#">JC678004</a>	1	
		
<a href="#">KA678004</a>	8	
<a href="#">KD678004</a>	1	
		
<a href="#">CB678004A</a>	10	M12 x 150
<a href="#">CB678004B</a>	10	M11 x 150
<a href="#">BB678004</a>	8	With nut

REF	Qty./eng.	Remarks
		
<a href="#">OP678004</a>	1	
		
<a href="#">WP678004A</a>	1	Total height: 126,0 mm Total length: 250,0 mm
 		
<a href="#">WP678004B</a>	1	Total height: 125,2 mm Total length: 280,0 mm
 		
		
<a href="#">NA678004</a>	1	
<a href="#">NT678004</a>	1	
<a href="#">KT678004</a>	1	
<a href="#">DK678004</a>	1	
<a href="#">SK678004</a>	1	
		
<a href="#">OF678004A</a>	1	M18
<a href="#">OF678004B</a>	1	M20
<a href="#">BO678004</a>	4	





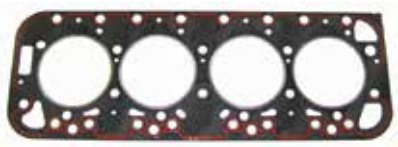







Used for: PEUGEOT XD3P

Specifications: Diesel · 4 cylinders · Bore: 94,00 mm

In: CATERPILLAR, KALMAR, CLIMAX, LANCER BOSS

Used for: PEUGEOT

REF	Qty./eng.	Remarks
		
<a href="#">SE678001STD</a>	1	STD
<a href="#">SE678001040</a>	1	0,400 mm oversize
<a href="#">SE678001100</a>	1	1,000 mm oversize
<a href="#">PISE678001STD</a>	4	STD
<a href="#">PISE678001040</a>	4	0,400 mm oversize
<a href="#">PISE678001080</a>	4	0,800 mm oversize
<a href="#">CH678001</a>	4	Semi-finished
<a href="#">AS678001</a>	4	
		
<a href="#">IK678001</a>	4	
<a href="#">UK678001</a>	4	
<a href="#">KS678001</a>	8	
<a href="#">KG678001STD</a>	8	STD
<a href="#">KG678001030</a>	8	0,300 mm oversize
		
<a href="#">2HL678001STDA</a>	3	STD; first, third and fifth bearing shaft dia: 60,000 mm
<a href="#">2HL678001030A</a>	3	0,300 mm undersize
<a href="#">2HL678001050A</a>	3	0,500 mm undersize
<a href="#">2HL678001080A</a>	3	0,800 mm undersize
<a href="#">2HL678001STDB</a>	2	STD; second and fourth bearing shaft dia: 60,000 mm
<a href="#">2HL678001030B</a>	2	0,300 mm undersize
<a href="#">2HL678001050B</a>	2	0,500 mm undersize
<a href="#">2HL678001080B</a>	2	0,800 mm undersize
<a href="#">1AL678001STD</a>	2	STD
<a href="#">1AL678001020</a>	2	0,200 mm undersize
<a href="#">BL678001STD</a>	4	STD Shaft dia: 55,000 mm
<a href="#">BL678001030</a>	4	0,300 mm undersize
<a href="#">BL678001050</a>	4	0,500 mm undersize
<a href="#">BL678001080</a>	4	0,800 mm undersize
<a href="#">PB678001</a>	4	
		
<a href="#">KP678001</a>	1	Without cylinder head gasket, with front and rear oil seals, with valve seals
<a href="#">BP678001</a>	1	Without cylinder head gasket, with valve seals

REF	Qty./eng.	Remarks
<a href="#">JC678001A</a>	1	Thickness: 1,53 mm, 2 notches 
<a href="#">JC678001B</a>	1	Thickness: 1,63 mm, 3 notches 
<a href="#">JC678001C</a>	1	Thickness: 1,73 mm, 4 notches 
<a href="#">KA678001</a>	8	
<a href="#">SV678001</a>	1	60,0 x 42,0 x 8,0 mm
<a href="#">SA678001</a>	1	Rope seal, 2 halves
<a href="#">KD678001</a>	1	
		
<a href="#">CB678001A</a>	7	Total length: 107,5 mm
<a href="#">CB678001B</a>	7	Total length: 120,0 mm
<a href="#">CB678001C</a>	8	Total length: 97,5 mm
<a href="#">VP678001</a>	1	
<a href="#">BB678001</a>	8	With nut
		
<a href="#">OP678001</a>	1	
<a href="#">WP678001</a>	1	Total height: 128,0 mm Total length: 270,0 mm With gasket 
		
<a href="#">NA678001</a>	1	
<a href="#">NT678001</a>	1	
<a href="#">KT678001</a>	1	



Used for: PEUGEOT

Used for: PEUGEOT XD3P

Specifications: **Diesel** · **4 cylinders** · Bore: **94,00 mm**

In: **CATERPILLAR, KALMAR, CLIMAX, LANCER BOSS**

REF	Qty./eng.	Remarks
<a href="#">IT678001</a>	1	
<a href="#">DK678001</a>	1	
<a href="#">SK678001</a>	1	
<a href="#">OF678001</a>	1	
<a href="#">GB678001</a>	4	
<a href="#">IT678001</a>	4	





Used for: PEUGEOT XDP 4.88

Specifications: Diesel · 4 cylinders · Bore: 88,00 mm

In: FENWICK

REF	Qty./eng.	Remarks
<a href="#">SE678002STD</a>	1	STD
<a href="#">AS678002</a>	4	
<a href="#">IK678002</a>	4	
<a href="#">UK678002</a>	4	
<a href="#">KS678002</a>	8	
<a href="#">HL678002STD</a>	1	STD
<a href="#">HL678002030</a>	1	0,300 mm undersize
<a href="#">HL678002050</a>	1	0,500 mm undersize
<a href="#">HL678002080</a>	1	0,800 mm undersize
<a href="#">2AL678002STD</a>	2	STD
<a href="#">2AL678002020</a>	2	0,200 mm undersize
<a href="#">BL678002STD</a>	4	STD
<a href="#">BL678002030</a>	4	0,300 mm undersize
<a href="#">BL678002050</a>	4	0,500 mm undersize
<a href="#">BL678002080</a>	4	0,800 mm undersize
<a href="#">PB678002</a>	4	
<a href="#">KP678002A</a>	1	With JCA, with front and rear oil seals, with valve seals
<a href="#">KP678002B</a>	1	With JCB, with front and rear oil seals, with valve seals
<a href="#">BP678002A</a>	1	With JCA, with valve seals
<a href="#">BP678002B</a>	1	Without head gasket, with valve seals
<a href="#">JC678002A</a>	1	Thickness: 1,40 mm 
<a href="#">JC678002B</a>	1	Thickness: 1,58 mm 
<a href="#">KA678002</a>	8	
<a href="#">SV678002A</a>	1	60,0 x 42,0 x 8,0 mm
<a href="#">SV678002B</a>	1	60,0 x 45,0 x 7,0 mm
<a href="#">SA678002</a>	1	

REF	Qty./eng.	Remarks
<a href="#">KD678002</a>	1	
<a href="#">CB678002A</a>	7	Total length: 118,0 mm
<a href="#">CB678002B</a>	7	Total length: 108,0 mm
<a href="#">CB678002C</a>	8	Total length: 91,0 mm
<a href="#">BB678002</a>	8	With nut
<a href="#">OP678002</a>	1	
<a href="#">WP678002A</a>	1	Total height: 127,0 mm Total length: 267,0 mm With gasket 
<a href="#">NA678002</a>	1	
<a href="#">NT678002</a>	1	
<a href="#">KT678002</a>	1	
<a href="#">TT678002</a>	1	
<a href="#">OF678002A</a>	1	Cartridge 
<a href="#">OF678002B</a>	1	Element 
<a href="#">GB678002</a>	4	
<a href="#">IT678002A</a>	4	For flanged injector
<a href="#">IT678002B</a>	4	For screwed injector

Used for: PEUGEOT



Used for: PEUGEOT XDP 4.90

Specifications: Diesel · 4 cylinders · Bore: 90,00 mm

In: SAXBY

REF	Qty./eng.	Remarks
<a href="#">SE678003STD</a>	1	STD
<a href="#">AS678003A</a>	4	For JCA
<a href="#">AS678003B</a>	4	For JCB
<a href="#">IK678003</a>	4	
<a href="#">UK678003</a>	4	
<a href="#">KS678003</a>	8	
<a href="#">HL678003STD</a>	1	STD
<a href="#">HL678003030</a>	1	0,300 mm undersize
<a href="#">HL678003050</a>	1	0,500 mm undersize
<a href="#">HL678003080</a>	1	0,800 mm undersize
<a href="#">2AL678003STD</a>	2	STD
<a href="#">2AL678003020</a>	2	0,200 mm undersize
<a href="#">BL678003STD</a>	4	STD
<a href="#">BL678003030</a>	4	0,300 mm undersize
<a href="#">BL678003050</a>	4	0,500 mm undersize
<a href="#">BL678003080</a>	4	0,800 mm undersize
<a href="#">PB678003</a>	4	
<a href="#">KP678003A</a>	1	With JCB, with front and rear oil seals, with valve seals
<a href="#">KP678003B</a>	1	With JCC, with front and rear oil seals, with valve seals
<a href="#">BP678003A</a>	1	With JCB, with valve seals
<a href="#">BP678003B</a>	1	Without head gasket, with valve seals
<a href="#">JC678003A</a>	1	Thickness: 1,20 mm
<a href="#">JC678003B</a>	1	Thickness: 1,40 mm
<a href="#">JC678003C</a>	1	Thickness: 1,58 mm

REF	Qty./eng.	Remarks	
<a href="#">KA678003</a>	8		
<a href="#">SV678003A</a>	1	60,0 x 42,0 x 8,0 mm	
<a href="#">SV678003B</a>	1	60,0 x 45,0 x 7,0 mm	
<a href="#">SA678003</a>	1		
<a href="#">KD678003</a>	1		
<a href="#">CB678003A</a>	7	Total length: 118,0 mm	
<a href="#">CB678003B</a>	7	Total length: 108,0 mm	
<a href="#">CB678003C</a>	8	Total length: 91,0 mm	
<a href="#">BB678003</a>	8	With nut	
<a href="#">OP678003</a>	1		
<a href="#">WP678003B</a>	1	Total height: 127,0 mm Total length: 267,0 mm	With gasket For an alternator
<a href="#">WP678003C</a>	1	Total height: 127,0 mm Total length: 267,0 mm	With gasket
<a href="#">NA678003</a>	1		
<a href="#">NT678003</a>	1		
<a href="#">KT678003</a>	1		
<a href="#">OF678003A</a>	1	Cartridge	
<a href="#">OF678003B</a>	1	Element	
<a href="#">GB678003</a>	4		
<a href="#">IT678003A</a>	4	For flanged injector	
<a href="#">IT678003B</a>	4	For screwed injector	



Used for: PEUGEOT XN1P

Specifications: **Gasoline** · 4 cylinders · Bore: **88,00 mm**

In: **CATERPILLAR, CESAB**

Used for: PEUGEOT

REF	Qty./eng.	Remarks
<a href="#">SE678005STD</a>	1	STD
<a href="#">AS678005</a>	4	With piston pin
<a href="#">IK678005</a>	4	
<a href="#">UK678005A</a>	4	Up to 07/01/1984
<a href="#">UK678005B</a>	4	From 07/01/1984
<a href="#">KS678005</a>	8	
<a href="#">KG678005STD</a>	8	STD
<a href="#">KG678005030</a>	8	0,300 mm oversize
<a href="#">HL678005STD</a>	1	STD
<a href="#">HL678005030</a>	1	0,300 mm undersize
<a href="#">AL678005STD</a>	1	STD
<a href="#">AL678005005</a>	1	0,050 mm undersize
<a href="#">AL678005010</a>	1	0,100 mm undersize
<a href="#">AL678005015</a>	1	0,150 mm undersize
<a href="#">AL678005020</a>	1	0,200 mm undersize
<a href="#">1BL678005STD</a>	8	STD
<a href="#">1BL678005030</a>	8	0,300 mm undersize
<a href="#">1BL678005050</a>	8	0,500 mm undersize
<a href="#">PB678005</a>	4	
<a href="#">KP678005</a>	1	
<a href="#">BP678005</a>	1	
<a href="#">JC678005</a>	1	
<a href="#">KA678005</a>	8	
<a href="#">SV678005</a>	1	
<a href="#">SA678005</a>	1	
<a href="#">CB678005A</a>	10	M12 x 150,0 mm
<a href="#">CB678005B</a>	10	M11 x 150,0 mm
<a href="#">BB678005</a>	8	With nut

REF	Qty./eng.	Remarks
<a href="#">OP678005</a>	1	
<a href="#">WP678005A</a>	1	Total height: 126,0 mm Total length: 250,0 mm
		With gasket Cast iron housing
<a href="#">WP678005B</a>	1	Total height: 125,2 mm Total length: 280,0 mm
		With gasket Aluminium housing
<a href="#">WP678005C</a>	1	Total height: 139,0 mm Total length: 288,0 mm
		With gasket
<a href="#">NA678005</a>	1	
<a href="#">NT678005</a>	1	
<a href="#">KT678005</a>	1	
<a href="#">DK678005</a>	1	
<a href="#">SK678005</a>	1	
<a href="#">OF678005A</a>	1	M18
<a href="#">OF678005B</a>	1	M20
<a href="#">BO678005</a>	4	



## NOTES

A series of horizontal dotted lines for taking notes, spanning the width of the page.





USED FOR  
**RENAULT**

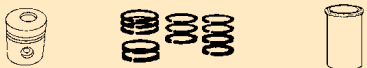

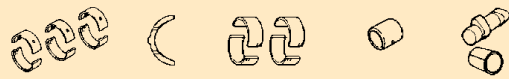
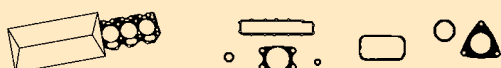



Used for: RENAULT

Used for: **RENAULT F3R 262**

Specifications: **Gasoline · 4 cylinders · Bore: 82,70 mm**

In: **LINDE**

REF	Qty./eng.	Remarks
		
<a href="#">1SE746001STD</a>	4	STD
<a href="#">PISE746001STD</a>	4	STD
<a href="#">PISE746001025</a>	4	0,250 mm oversize
<a href="#">PISE746001050</a>	4	0,500 mm oversize
		
<a href="#">IK746001</a>	4	
<a href="#">UK746001</a>	4	
<a href="#">KS746002</a>	8	
<a href="#">KG746001A</a>	8	Finished
<a href="#">KG746001B</a>	8	Semi-finished
		
<a href="#">HL746001STDA</a>	1	STD; without notches
<a href="#">HL746001STDB</a>	1	STD; with notches
<a href="#">HL746001025B</a>	1	0,250 mm undersize With notches
<a href="#">HL746001050B</a>	1	0,500 mm undersize With notches
<a href="#">2AL746001STD</a>	1	STD
<a href="#">2AL746001005</a>	1	0,050 mm undersize
<a href="#">2AL746001010</a>	1	0,100 mm undersize
<a href="#">2AL746001015</a>	1	0,150 mm undersize
<a href="#">4BL746001STDA</a>	1	STD; with notches
<a href="#">4BL746001STDB</a>	1	STD; without notches
<a href="#">4BL746001025B</a>	1	0,250 mm undersize Without notches
<a href="#">4BL746001050B</a>	1	0,500 mm undersize Without notches
<a href="#">PB746001</a>	4	
<a href="#">1NL476001A</a>	1	Width: 12,0 mm
<a href="#">1NL476001B</a>	1	Width: 19,0 mm
		
<a href="#">KP746001</a>	1	
<a href="#">BP746001</a>	1	
<a href="#">CP746001</a>	1	
<a href="#">JC746001</a>	1	
<a href="#">KA746001</a>	8	
<a href="#">SV746001</a>	1	

REF	Qty./eng.	Remarks
<a href="#">SA746001</a>	1	
<a href="#">KD746001</a>	1	
		
<a href="#">CB746001</a>	10	
<a href="#">BB746001</a>	8	
		
<a href="#">OP746001</a>	1	
<a href="#">WP746001</a>	1	Total height: 98,0 mm Total length: 192,0 mm With gasket 
		
<a href="#">NA746001A</a>	1	With key shaft dia: 25,0 mm
<a href="#">NA746001B</a>	1	Without key shaft dia: 13,0 mm
<a href="#">NT746001A</a>	1	With keyway
<a href="#">NT746001B</a>	1	Without keyway
<a href="#">KT746001</a>	1	
<a href="#">SK746001</a>	1	
<a href="#">DR746001</a>	1	Complete timing belt kit
		
<a href="#">OF746001</a>	1	
<a href="#">B0746001</a>	4	



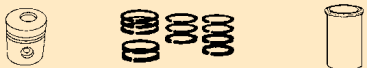


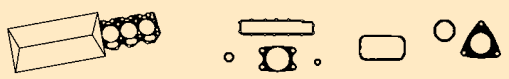








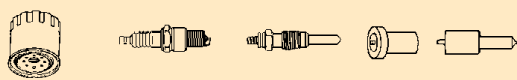
Used for: **RENAULT F3R 264**

Specifications: **Gasoline · 4 cylinders · Bore: 82,70 mm**

In: **LINDE**

Used for: **RENAULT**

REF	Qty./eng.	Remarks
		
<a href="#">1SE746002STD</a>	4	STD
<a href="#">PISE746002STD</a>	4	STD
<a href="#">PISE746002025</a>	4	0,250 mm oversize
<a href="#">PISE746002050</a>	4	0,500 mm oversize
		
<a href="#">IK746002</a>	4	
<a href="#">UK746002</a>	4	
<a href="#">KS746002</a>	8	
<a href="#">KG746002A</a>	8	Finished
<a href="#">KG746002B</a>	8	Semi-finished
		
<a href="#">HL746002STDA</a>	1	STD; without notches
<a href="#">HL746002STDB</a>	1	STD; with notches
<a href="#">HL746002025B</a>	1	0,250 mm undersize With notches
<a href="#">HL746002050B</a>	1	0,500 mm undersize With notches
<a href="#">2AL746002STD</a>	1	STD
<a href="#">2AL746002005</a>	1	0,050 mm undersize
<a href="#">2AL746002010</a>	1	0,100 mm undersize
<a href="#">2AL746002015</a>	1	0,150 mm undersize
<a href="#">4BL746002STDA</a>	1	STD; with notches
<a href="#">4BL746002STDB</a>	1	STD; without notches
<a href="#">4BL746002025B</a>	1	0,250 mm undersize Without notches
<a href="#">4BL746002050B</a>	1	0,500 mm undersize Without notches
<a href="#">PB746002</a>	4	
<a href="#">1NL476001A</a>	1	Width: 12,0 mm
<a href="#">1NL476001B</a>	1	Width: 19,0 mm
		
<a href="#">KP746002</a>	1	
<a href="#">BP746002</a>	1	
<a href="#">CP746002</a>	1	
<a href="#">JC746002</a>	1	
<a href="#">KA746002</a>	8	
<a href="#">SV746002</a>	1	

REF	Qty./eng.	Remarks
<a href="#">SA746002</a>	1	
<a href="#">KD746002</a>	1	
		
<a href="#">CB746002</a>	10	
<a href="#">BB746002</a>	8	
		
<a href="#">OP746002</a>	1	
<a href="#">WP746002</a>	1	Total height: 98,0 mm Total length: 192,0 mm With gasket
		
		
<a href="#">NA746002A</a>	1	With key shaft dia: 25,0 mm
<a href="#">NA746002B</a>	1	Without key shaft dia: 13,0 mm
<a href="#">NT746002A</a>	1	With keyway
<a href="#">NT746002B</a>	1	Without keyway
<a href="#">KT746002</a>	1	
<a href="#">SK746002</a>	1	
<a href="#">DR746002</a>	1	Complete timing belt kit
		
<a href="#">OF746002</a>	1	
<a href="#">B0746002</a>	4	



## NOTES

A series of horizontal dotted lines for taking notes.



USED FOR  
**TOYOTA**



Used for: TOYOTA 11Z

Specifications: Diesel · 6 cylinders · Bore: 96,00 mm

In: TOYOTA

REF	Qty./eng.	Remarks
<a href="#">PI058010STD</a>	6	STD
<a href="#">PI058010050</a>	6	0,500 mm oversize
<a href="#">SE058010STD</a>	1	STD
<a href="#">SE058010050</a>	1	0,500 mm oversize
<a href="#">CH058010A</a>	6	Semi-finished
<a href="#">CH058010B</a>	6	Finished
<a href="#">IK058010</a>	6	
<a href="#">UK058010</a>	6	
<a href="#">KS058010STD</a>	12	STD
<a href="#">KS058010005</a>	12	0,050 mm oversize
<a href="#">KG058010</a>	12	
<a href="#">2HL058010STDA</a>	7	1 pair, STD shaft dia: 74,000 mm, width: 25,5 mm
<a href="#">HL058010025A</a>	1	0,250 mm undersize Width: 25,5 mm
<a href="#">HL058010050A</a>	1	0,500 mm undersize Width: 25,5 mm
<a href="#">HL058010075A</a>	1	0,750 mm undersize Width: 25,5 mm
<a href="#">HL058010100A</a>	1	1,000 mm undersize Width: 25,5 mm
<a href="#">2HL058010STDB</a>	7	1 pair, STD shaft dia: 74,000 mm, width: 22,4 mm
<a href="#">HL058010025B</a>	1	0,250 mm undersize Width: 22,4 mm
<a href="#">HL058010050B</a>	1	0,500 mm undersize Width: 22,4 mm
<a href="#">HL058010075B</a>	1	0,750 mm undersize Width: 22,4 mm
<a href="#">HL058010100B</a>	1	1,000 mm undersize Width: 22,4 mm
<a href="#">AL058010STD</a>	1	STD
<a href="#">AL0580100125</a>	1	0,125 mm undersize
<a href="#">AL0580100250</a>	1	0,250 mm undersize
<a href="#">BL058010STD</a>	6	1 pair of bearings, STD shaft dia: 55,000 mm
<a href="#">6BL058010025</a>	1	0,250 mm undersize
<a href="#">6BL058010050</a>	1	0,500 mm undersize
<a href="#">6BL058010075</a>	1	0,750 mm undersize
<a href="#">6BL058010100</a>	1	1,000 mm undersize
<a href="#">PB058010</a>	6	
<a href="#">NL058010STD</a>	1	STD
<a href="#">NL0580100125</a>	1	0,125 mm undersize

REF	Qty./eng.	Remarks
<a href="#">NL0580100250</a>	1	0,250 mm undersize
<a href="#">KP058010</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP058010</a>	1	With valve seals
<a href="#">JC058010</a>	1	
<a href="#">KA058010</a>	12	
<a href="#">SV058010</a>	1	
<a href="#">SA058010</a>	1	
<a href="#">KD058010</a>	1	
<a href="#">CB058010</a>	26	
<a href="#">VP058010</a>	1	
<a href="#">BB058010</a>	12	
<a href="#">BM058010</a>	12	
<a href="#">OP058010A</a>	1	Helical angle of gear: 20° 
<a href="#">OP058010B</a>	1	Helical angle of gear: 10° 
<a href="#">WP058010</a>	1	Total height: 119,0 mm Total length: 288,0 mm With gasket 



Used for: TOYOTA 11Z

Specifications: Diesel · 6 cylinders · Bore: 96,00 mm

In: TOYOTA

Used for: TOYOTA

REF	Qty./eng.	Remarks
<a href="#">NA058010</a>	1	
<a href="#">NT058010A</a>	1	Helical angle of gear: 20°
<a href="#">NT058010B</a>	1	Helical angle of gear: 10°
<a href="#">KT058010A</a>	1	Helical angle of gear: 20°
<a href="#">KT058010B</a>	1	Helical angle of gear: 10°
<a href="#">TT058010A</a>	1	Helical angle of gear: 20°
<a href="#">TT058010B</a>	1	Helical angle of gear: 10°
<a href="#">TT058010C</a>	1	Helical angle of gear: 20°
<a href="#">TT058010D</a>	1	Helical angle of gear: 10°
<a href="#">OF058010</a>	1	
<a href="#">IT058010A</a>	6	DLLA 150P35
<a href="#">IT058010B</a>	6	DLLA 150P602





Used for: **TOYOTA 12Z**

Specifications: **Diesel · 6 cylinders · Bore: 96,00 mm**

In: **TOYOTA**

REF	Qty./eng.	Remarks
<a href="#">PI058021STD</a>	6	STD
<a href="#">PI058021050</a>	6	0,500 mm oversize
<a href="#">SE058021STD</a>	1	STD
<a href="#">SE058021050</a>	1	0,500 mm oversize
<a href="#">CH058021A</a>	6	Semi-finished
<a href="#">CH058021B</a>	6	Finished
<a href="#">IK058021</a>	6	
<a href="#">UK058021</a>	6	
<a href="#">KS058021STD</a>	12	STD
<a href="#">KS058021005</a>	12	0,050 mm oversize
<a href="#">KG058021</a>	12	
<a href="#">2HL058021STDA</a>	1	1 pair, STD shaft dia: 74,000 mm Width: 25,5 mm
<a href="#">HL058021025A</a>	1	0,250 mm undersize Width: 25,5 mm
<a href="#">HL058021050A</a>	1	0,500 mm undersize Width: 25,5 mm
<a href="#">HL058021075A</a>	1	0,750 mm undersize Width: 25,5 mm
<a href="#">HL058021100A</a>	1	1,000 mm undersize Width: 25,5 mm
<a href="#">2HL058021STDB</a>	1	1 pair, STD shaft dia: 74.000 mm Width: 22,4 mm
<a href="#">HL058021025B</a>	1	0,250 mm undersize Width: 22,4 mm
<a href="#">HL058021050B</a>	1	0,500 mm undersize Width: 22,4 mm
<a href="#">HL058021075B</a>	1	0,750 mm undersize Width: 22,4 mm
<a href="#">HL058021100B</a>	1	1,000 mm undersize Width: 22,4 mm
<a href="#">AL058021STD</a>	1	STD
<a href="#">AL0580210125</a>	1	0,125 mm undersize
<a href="#">AL0580210250</a>	1	0,250 mm undersize
<a href="#">BL058021STD</a>	6	1 pair of bearings, STD shaft dia: 55,000 mm
<a href="#">6BL058021025</a>	1	0,250 mm undersize
<a href="#">6BL058021050</a>	1	0,500 mm undersize
<a href="#">6BL058021075</a>	1	0,750 mm undersize
<a href="#">6BL058021100</a>	1	1,000 mm undersize
<a href="#">PB058021</a>	6	
<a href="#">NL058021STD</a>	1	STD
<a href="#">NL0580210125</a>	1	0,125 mm undersize

REF	Qty./eng.	Remarks
<a href="#">NL0580210250</a>	1	0,250 mm undersize
<a href="#">KP058021</a>	1	
<a href="#">BP058021</a>	1	
<a href="#">JC058021</a>	1	
<a href="#">KA058021</a>	12	
<a href="#">SV058021</a>	1	
<a href="#">SA058021</a>	1	
<a href="#">KD058021</a>	1	
<a href="#">CB058021</a>	26	
<a href="#">VP058021</a>	1	
<a href="#">BB058021</a>	12	
<a href="#">OP058021A</a>	1	Helical angle of gear: 20°
<a href="#">OP058021B</a>	1	Helical angle of gear: 10°
<a href="#">WP058021</a>	1	Total height: 117,5 mm Total length: 288,0 mm
<a href="#">NA058021</a>	1	





Used for: TOYOTA 12Z

Specifications: Diesel · 6 cylinders · Bore: 96,00 mm

In: TOYOTA

Used for: TOYOTA

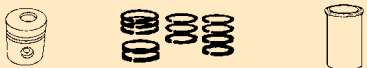

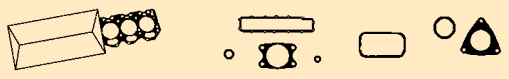
REF	Qty./eng.	Remarks
<a href="#">NT058021A</a>	1	Helical angle of gear: 20°
<a href="#">NT058021B</a>	1	Helical angle of gear: 10°
<a href="#">KT058021A</a>	1	Helical angle of gear: 20°
<a href="#">KT058021B</a>	1	Helical angle of gear: 10°
<a href="#">TT058021A</a>	1	Helical angle of gear: 20°
<a href="#">TT058021B</a>	1	Helical angle of gear: 10°
<a href="#">TT058021C</a>	1	Helical angle of gear: 20°
<a href="#">TT058021D</a>	1	Helical angle of gear: 10°
<a href="#">OF058021</a>	1	
<a href="#">IT058021</a>	6	







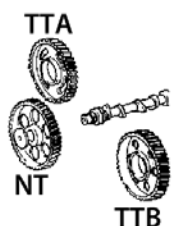



Used for: **TOYOTA 13Z**

Specifications: **Diesel · 6 cylinders · Bore: 98,00 mm**

In: **TOYOTA**

REF	Qty./eng.	Remarks
		
<a href="#">PI058023STD</a>	6	STD
<a href="#">PI058023050</a>	6	0,500 mm oversize
<a href="#">PI058023100</a>	6	1,000 mm oversize
<a href="#">PP058023</a>	6	
<a href="#">SE058023STD</a>	1	STD
<a href="#">SE058023050</a>	1	0,500 mm oversize
<a href="#">SE058023100</a>	1	1,000 mm oversize
<a href="#">CH058023</a>	6	Semi-finished
		
<a href="#">IK058023</a>	6	
<a href="#">UK058023</a>	6	
<a href="#">KS058023STD</a>	12	STD
<a href="#">KS058023005</a>	12	0,050 mm oversize
<a href="#">KG058023</a>	12	
		
<a href="#">2HL058023STD</a>	7	STD
<a href="#">HL058023025</a>	1	0,250 mm undersize
<a href="#">HL058023050</a>	1	0,500 mm undersize
<a href="#">HL058023075</a>	1	0,750 mm undersize
<a href="#">HL058023100</a>	1	1,000 mm undersize
<a href="#">AL058023STD</a>	1	STD
<a href="#">AL0580230125</a>	1	0,125 mm undersize
<a href="#">AL0580230250</a>	1	0,250 mm undersize
<a href="#">BL058023STD</a>	6	STD
<a href="#">6BL058023025</a>	1	0,250 mm undersize
<a href="#">6BL058023050</a>	1	0,500 mm undersize
<a href="#">6BL058023075</a>	1	0,750 mm undersize
<a href="#">6BL058023100</a>	1	1,000 mm undersize
<a href="#">PB058023</a>	6	
<a href="#">NL058023STD</a>	1	STD
<a href="#">NL0580230125</a>	1	0,125 mm undersize
<a href="#">NL0580230250</a>	1	0,250 mm undersize
		
<a href="#">KP058023A</a>	1	Up to 30/04/1998
<a href="#">KP058023B</a>	1	From 01/05/1998
<a href="#">BP058023A</a>	1	Up to 30/04/1998
<a href="#">BP058023B</a>	1	From 01/05/1998

REF	Qty./eng.	Remarks
<a href="#">JC058023</a>	1	
<a href="#">KA058023</a>	12	
<a href="#">SV058023</a>	1	
<a href="#">SA058023</a>	1	
<a href="#">KD058023</a>	1	
		
<a href="#">CB058023</a>	26	
<a href="#">VP058023</a>	1	
<a href="#">BB058023</a>	12	
<a href="#">BM058023</a>	12	
		
<a href="#">OP058023</a>	1	
<a href="#">WP058023</a>	1	Total height: 119,0 mm Total length: 288,0 mm With gasket 
		
<a href="#">NA058023</a>	1	
<a href="#">NT058023</a>	1	
<a href="#">KT058023</a>	1	
<a href="#">TT058023A</a>	1	Number of teeth: 68, dia: 128,0 mm
<a href="#">TT058023B</a>	1	Number of teeth: 69, dia: 129,4 mm
		
<a href="#">OF058023</a>	1	
<a href="#">IT058023</a>	6	

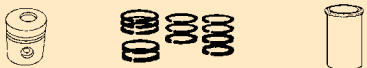

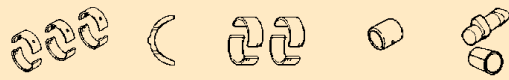


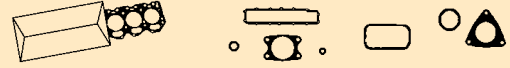






Used for: **TOYOTA 14Z**

Specifications: **Diesel · 6 cylinders · Bore: 98,00 mm**

In: **TOYOTA**

Used for: **TOYOTA**

REF	Qty./eng.	Remarks
		
<a href="#">PI058022STD</a>	6	STD
<a href="#">PI058022050</a>	6	0,500 mm oversize
<a href="#">PI058022100</a>	6	1,000 mm oversize
<a href="#">SE058022STD</a>	1	STD
<a href="#">SE058022050</a>	1	0,500 mm oversize
<a href="#">SE058022100</a>	1	1,000 mm oversize
<a href="#">CH058022</a>	6	Semi-finished
		
<a href="#">IK058022</a>	6	
<a href="#">UK058022</a>	6	
<a href="#">KS058022STD</a>	12	STD
<a href="#">KS058022005</a>	12	0,050 mm oversize
<a href="#">KG058022</a>	12	
		
<a href="#">2HL058022STDA</a>	7	1 pair, STD shaft dia: 74,000 mm, width: 25,5 mm
<a href="#">HL058022025A</a>	1	0,250 mm undersize Width: 25,5 mm
<a href="#">HL058022050A</a>	1	0,500 mm undersize Width: 25,5 mm
<a href="#">HL058022075A</a>	1	0,750 mm undersize Width: 25,5 mm
<a href="#">HL058022100A</a>	1	1,000 mm undersize Width: 25,5 mm
<a href="#">2HL058022STDB</a>	7	1 pair, STD shaft dia: 74,000 mm, width: 22,5 mm
<a href="#">HL058022025B</a>	1	0,250 mm undersize Width: 22,5 mm
<a href="#">HL058022050B</a>	1	0,500 mm undersize Width: 22,5 mm
<a href="#">HL058022075B</a>	1	0,750 mm undersize Width: 22,5 mm
<a href="#">HL058022100B</a>	1	1,000 mm undersize Width: 22,5 mm
<a href="#">AL058022STD</a>	1	STD
<a href="#">AL0580220125</a>	1	0,125 mm undersize
<a href="#">AL0580220250</a>	1	0,250 mm undersize
<a href="#">BL058022STD</a>	6	1 pair of bearings, STD shaft dia: 55,000 mm
<a href="#">6BL058022025</a>	1	0,250 mm undersize
<a href="#">6BL058022050</a>	1	0,500 mm undersize
<a href="#">6BL058022075</a>	1	0,750 mm undersize
<a href="#">6BL058022100</a>	1	1,000 mm undersize
<a href="#">PB058022</a>	6	
<a href="#">NL058022STD</a>	1	STD
<a href="#">NL0580220125</a>	1	0,125 mm undersize

REF	Qty./eng.	Remarks
<a href="#">NL0580220250</a>	1	0,250 mm undersize
		
<a href="#">KP058022A</a>	1	Up to 31/07/1998
<a href="#">KP058022B</a>	1	From 01/08/1998
<a href="#">BP058022A</a>	1	Up to 31/07/1998
<a href="#">BP058022B</a>	1	From 01/08/1998
		
<a href="#">JC058022</a>	1	
<a href="#">KA058022</a>	12	
<a href="#">SV058022</a>	1	
<a href="#">SA058022</a>	1	
<a href="#">KD058022</a>	1	
		
<a href="#">CB058022</a>	26	
<a href="#">VP058022</a>	1	
<a href="#">BB058022</a>	12	
		
<a href="#">OP058022</a>	1	
		
<a href="#">WP058022</a>	1	Total height: 117,5 mm Total length: 288,0 mm With gasket
		
		
<a href="#">NA058022</a>	1	



Used for: TOYOTA

Used for: **TOYOTA 14Z**

Specifications: **Diesel · 6 cylinders · Bore: 98,00 mm**

In: **TOYOTA**

REF	Qty./eng.	Remarks
<a href="#">NT058022</a>	1	<p>TTA NT TTB</p>
<a href="#">KT058022</a>	1	
<a href="#">TT058022A</a>	1	Number of teeth: 68, dia: 128,0 mm
<a href="#">TT058022B</a>	1	Number of teeth: 69, dia: 129,4 mm
<a href="#">OF058022</a>	1	
<a href="#">IT058022</a>	6	

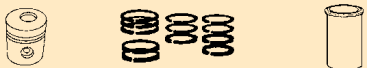
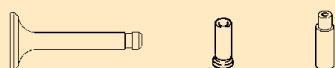
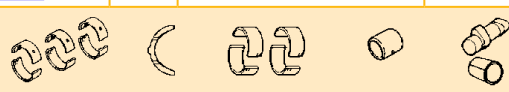


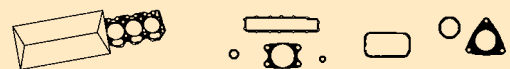


Used for: TOYOTA 1DZ

Specifications: Diesel · 4 cylinders · Bore: 86,00 mm

In: TOYOTA, CESAB, BT

Used for: TOYOTA

REF	Qty./eng.	Remarks
		
<a href="#">PI058009STDA</a>	4	STD; compr, height: 47,0 mm
<a href="#">PI058009050A</a>	4	0,500 mm oversize
<a href="#">PI058009100A</a>	4	1,000 mm oversize
<a href="#">PI058009STDB</a>	4	STD; compr, height: 47,0 mm
<a href="#">PI058009050B</a>	4	0,500 mm oversize
<a href="#">PI058009100B</a>	4	1,000 mm oversize
<a href="#">PI058009STDC</a>	4	STD; compr height: 46,50 mm
<a href="#">PI058009050C</a>	4	0,500 mm oversize
<a href="#">PI058009100C</a>	4	1,000 mm oversize
<a href="#">SE058009STDA</a>	1	STD; for piston A
<a href="#">SE058009050A</a>	1	0,500 mm oversize For piston A
<a href="#">SE058009100A</a>	1	1,000 mm oversize For piston A
<a href="#">SE058009STDB</a>	1	STD; for piston B
<a href="#">SE058009050B</a>	1	0,500 mm oversize For piston B
<a href="#">SE058009100B</a>	1	1,000 mm oversize For piston B
<a href="#">SE058009STDC</a>	1	STD; for piston C
<a href="#">SE058009050C</a>	1	0,500 mm oversize For piston C
<a href="#">SE058009100C</a>	1	1,000 mm oversize For piston C
<a href="#">CH058009C</a>	4	7 series and up, semi-finished liner
		
<a href="#">IK058009</a>	4	
<a href="#">UK058009</a>	4	
<a href="#">KS058009STD</a>	8	STD
<a href="#">KS058009005</a>	8	0,050 mm oversize
<a href="#">KG058009STD</a>	8	STD
<a href="#">KG058009005</a>	8	0,050 mm oversize
		
<a href="#">2HL058009STDA</a>	5	STD, shaft dia: 65,00 mm Width: 16,2 mm
<a href="#">HL058009025A</a>	1	0,250 mm undersize Width: 16,2 mm
<a href="#">HL058009050A</a>	1	0,500 mm undersize Width: 16,2 mm
<a href="#">HL058009075A</a>	1	0,750 mm undersize Width: 16,2 mm
<a href="#">HL058009100A</a>	1	1,000 mm undersize Width: 16,2 mm

REF	Qty./eng.	Remarks
<a href="#">2HL058009STDB</a>	5	STD, shaft dia: 65,00 mm Width: 18,2 mm
<a href="#">HL058009025B</a>	1	0,250 mm undersize Width: 18,2 mm
<a href="#">HL058009050B</a>	1	0,500 mm undersize Width: 18,2 mm
<a href="#">HL058009075B</a>	1	0,750 mm undersize Width: 18,2 mm
<a href="#">HL058009100B</a>	1	1,000 mm undersize Width: 18,2 mm
<a href="#">AL058009STDA</a>	1	STD thickness: 2,97 mm
<a href="#">AL0580090125A</a>	1	0,125 mm undersize
<a href="#">AL0580090250A</a>	1	0,250 mm undersize
<a href="#">AL058009STDB</a>	1	STD thickness: 1,96 mm
<a href="#">AL0580090125B</a>	1	0,125 mm undersize
<a href="#">AL0580090250B</a>	1	0,250 mm undersize
<a href="#">BL058009STD</a>	4	1 pair of bearings, STD shaft dia: 55,000 mm
<a href="#">4BL058009025</a>	1	0,250 mm undersize
<a href="#">4BL058009050</a>	1	0,500 mm undersize
<a href="#">4BL058009075</a>	1	0,750 mm undersize
<a href="#">4BL058009100</a>	1	1,000 mm undersize
<a href="#">PB058009</a>	4	
<a href="#">NL058009STD</a>	1	STD
<a href="#">NL0580090125</a>	1	0,125 mm undersize
<a href="#">NL0580090250</a>	1	0,250 mm undersize
		
<a href="#">KP058009A</a>	1	5 and 6 FD series
<a href="#">KP058009B</a>	1	7 FD series
<a href="#">KP058009C</a>	1	2 TD series
<a href="#">BP058009A</a>	1	5 and 6 FD series, with JCA
<a href="#">BP058009B</a>	1	7 FD series, with JCB
<a href="#">BP058009C</a>	1	2 TD series
<a href="#">JC058009A</a>	1	
<a href="#">JC058009B</a>	1	
<a href="#">KA058009</a>	8	
<a href="#">SV058009A</a>	1	62,0 x 45,0 x 8,0 mm
<a href="#">SV058009B</a>	1	62,0 x 45,0 x 9,0 mm
<a href="#">SA058009</a>	1	
<a href="#">KD058009</a>	1	



Used for: TOYOTA 1DZ

Specifications: Diesel · 4 cylinders · Bore: 86,00 mm

In: TOYOTA, CESAB, BT

REF	Qty./eng.	Remarks
<a href="#">CB058009</a>	18	
<a href="#">VP058009</a>	1	
<a href="#">BB058009</a>	8	
<a href="#">BM058009</a>	8	
<a href="#">OP058009A</a>	1	Helical angle of gear: 20°
<a href="#">OP058009B</a>	1	Helical angle of gear: 10°
<a href="#">OP058009C</a>	1	
<a href="#">WP058009A</a>	1	Total height: 146,0 mm Total length: 245,0 mm Without gasket
<a href="#">WP058009B</a>	1	Total height: 174,5 mm Total length: 276,0 mm Without gasket
<a href="#">RW058009B</a>	1	
<a href="#">NA058009</a>	1	

REF	Qty./eng.	Remarks
<a href="#">NT058009A</a>	1	Helical angle of gear: 20°
<a href="#">NT058009B</a>	1	Helical angle of gear: 10°
<a href="#">KT058009A</a>	1	Helical angle of gear: 20°
<a href="#">KT058009B</a>	1	Helical angle of gear: 10°
<a href="#">KT058009C</a>	1	Helical angle of gear: 10°
<a href="#">TT058009A</a>	1	Idle gear number 1, helical angle of gear: 20°
<a href="#">TT058009B</a>	1	Idle gear number 1, helical angle of gear: 10°
<a href="#">TT058009C</a>	1	Idle gear number 2, helical angle of gear: 20°
<a href="#">TT058009D</a>	1	Idle gear number 2, helical angle of gear: 10°
<a href="#">HT058009A</a>	1	Helical angle of gear: 20°, 5 FD series
<a href="#">HT058009B</a>	1	Helical angle of gear: 10°, 6 FD series
<a href="#">HT058009C</a>	1	Helical angle of gear: 10°, 7 FD series
<a href="#">OF058009A</a>	1	Height: 138,0 mm
<a href="#">OF058009B</a>	1	Height: 95,0 mm
<a href="#">GB058009</a>	4	
<a href="#">IT058009</a>	4	





Used for: **TOYOTA 1Z**

Specifications: **Diesel · 4 cylinders · Bore: 96,00 mm**

In: **TOYOTA, MANITOU**

REF	Qty./eng.	Remarks
<a href="#">PI058003STD</a>	4	STD
<a href="#">PI058003050</a>	4	0,500 mm oversize
<a href="#">SE058003STD</a>	1	STD
<a href="#">SE058003050</a>	1	0,500 mm oversize
<a href="#">CH058003A</a>	4	Semi-finished
<a href="#">CH058003B</a>	4	Finished
<a href="#">IK058003</a>	4	
<a href="#">UK058003</a>	4	
<a href="#">KS058003STD</a>	8	STD
<a href="#">KS058003005</a>	8	0,050 mm oversize
<a href="#">KG058003</a>	8	
<a href="#">2HL058003STDA</a>	5	STD; shaft dia: 74,000 mm, width: 25,5 mm
<a href="#">HL058003025A</a>	1	0,250 mm undersize Width: 25,5 mm
<a href="#">HL058003050A</a>	1	0,500 mm undersize Width: 25,5 mm
<a href="#">HL058003075A</a>	1	0,750 mm undersize Width: 25,5 mm
<a href="#">HL058003100A</a>	1	1,000 mm undersize Width: 25,5 mm
<a href="#">2HL058003STDB</a>	5	STD; shaft dia: 74,000 mm, width: 22,5 mm
<a href="#">HL058003025B</a>	1	0,250 mm undersize Width: 22,5 mm
<a href="#">HL058003050B</a>	1	0,500 mm undersize Width: 22,5 mm
<a href="#">HL058003075B</a>	1	0,750 mm undersize Width: 22,5 mm
<a href="#">HL058003100B</a>	1	1,000 mm undersize Width: 22,5 mm
<a href="#">AL058003STD</a>	1	STD Thickness: 2,43 - 2,48 mm
<a href="#">AL0580030125</a>	1	0,125 mm undersize
<a href="#">AL0580030250</a>	1	0,250 mm undersize
<a href="#">BL058003STD</a>	4	STD; shaft dia: 55,000 mm
<a href="#">4BL058003025</a>	1	0,250 mm undersize
<a href="#">4BL058003050</a>	1	0,500 mm undersize
<a href="#">4BL058003075</a>	1	0,750 mm undersize
<a href="#">4BL058003100</a>	1	1,000 mm undersize
<a href="#">PB058003</a>	4	

REF	Qty./eng.	Remarks
<a href="#">NL058003STDA</a>	1	STD 
<a href="#">NL0580030125A</a>	1	0,125 mm undersize
<a href="#">NL0580030250A</a>	1	0,250 mm undersize
<a href="#">NL058003STDB</a>	1	STD 
<a href="#">NL0580030125B</a>	1	0,125 mm undersize
<a href="#">NL0580030250B</a>	1	0,250 mm undersize
<a href="#">KP058003</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP058003</a>	1	
<a href="#">JC058003A</a>	1	Thickness: 2,00 mm 
<a href="#">JC058003B</a>	1	Thickness: 1,75 mm 
<a href="#">KA058003</a>	8	
<a href="#">SV058003</a>	1	
<a href="#">SA058003</a>	1	
<a href="#">KD058003</a>	1	
<a href="#">CB058003</a>	18	
<a href="#">VP058003</a>	1	
<a href="#">BB058003</a>	8	
<a href="#">BM058003</a>	8	



Used for: **TOYOTA 1Z**

Specifications: **Diesel · 4 cylinders · Bore: 96,00 mm**

In: **TOYOTA, MANITOU**

REF	Qty./eng.	Remarks
<a href="#">OP058003A</a>	1	Helical angle: 10° 
<a href="#">OP058003B</a>	1	Helical angle: 20° 
<a href="#">WP058003</a>	1	Total height: 119,0 mm Total length: 288,0 mm With gasket 
<a href="#">NA058003</a>	1	
<a href="#">NT058003A</a>	1	Helical angle: 10°
<a href="#">NT058003B</a>	1	Helical angle: 20°
<a href="#">KT058003A</a>	1	Helical angle: 10°
<a href="#">KT058003B</a>	1	Helical angle: 20°
<a href="#">TT058003A</a>	1	Helical angle: 10°
<a href="#">TT058003B</a>	1	Helical angle: 20°
<a href="#">HT058003A</a>	1	Helical angle: 10°
<a href="#">HT058003B</a>	1	Helical angle: 20°
<a href="#">OF058003</a>	1	
<a href="#">IT058003A</a>	4	DLLA 150P35
<a href="#">IT058003B</a>	4	DLLA 150P602



Used for: **TOYOTA 2F**

Specifications: **Gasoline · 6 cylinders · Bore: 94,00 mm**

In: **TOYOTA**

REF	Qty./eng.	Remarks
<a href="#">PI058019STD</a>	6	STD
<a href="#">PI058019050</a>	6	0,500 mm oversize
<a href="#">PI058019100</a>	6	1,000 mm oversize
<a href="#">PI058019150</a>	6	1,500 mm oversize
<a href="#">SE058019STD</a>	1	STD
<a href="#">SE058019050</a>	1	0,500 mm oversize
<a href="#">SE058019100</a>	1	1,000 mm oversize
<a href="#">SE058019150</a>	1	1,500 mm oversize
<a href="#">IK058019</a>	6	
<a href="#">UK058019</a>	6	
<a href="#">KS058019</a>	12	
<a href="#">IG058019</a>	6	
<a href="#">UG058019</a>	6	
<a href="#">HL058019STD</a>	1	STD
<a href="#">HL058019025</a>	1	0,250 mm undersize
<a href="#">HL058019050</a>	1	0,500 mm undersize
<a href="#">HL058019075</a>	1	0,750 mm undersize
<a href="#">HL058019100</a>	1	1,000 mm undersize
<a href="#">6BL058019STD</a>	1	STD; shaft dia: 54,000 mm
<a href="#">6BL058019005</a>	1	0,050 mm undersize
<a href="#">6BL058019025</a>	1	0,250 mm undersize
<a href="#">6BL058019050</a>	1	0,500 mm undersize
<a href="#">6BL058019075</a>	1	0,750 mm undersize
<a href="#">6BL058019100</a>	1	1,000 mm undersize
<a href="#">NL058019STD</a>	1	STD
<a href="#">NL0580190125</a>	1	0,125 mm undersize
<a href="#">NL058019025</a>	1	0,250 mm undersize
<a href="#">NL058019050</a>	1	0,500 mm undersize
<a href="#">KP058019A</a>	1	With front and rear oil seals, with rubber valve seals
<a href="#">KP058019B</a>	1	With front and rear oil seals, with valve seals

REF	Qty./eng.	Remarks
<a href="#">JC058019</a>	1	
<a href="#">KA058019A</a>	12	Total height: 19,0 mm
<a href="#">KA058019B</a>	12	Total height: 11,8 mm
<a href="#">SV058019</a>	1	
<a href="#">SA058019</a>	1	
<a href="#">KD058019</a>	1	
<a href="#">BB058019</a>	12	
<a href="#">BM058019</a>	12	
<a href="#">OP058019A</a>	1	
<a href="#">OP058019B</a>	1	
<a href="#">WP058019A</a>	1	Total height: 146,0 mm Total length: 222,0 mm Without gasket 
<a href="#">WP058019B</a>	1	Total height: 154,0 mm Total length: 370,0 mm Without gasket 
<a href="#">WP058019C</a>	1	Total height: 147,0 mm Total length: 248,0 mm Without gasket 



Used for: TOYOTA

Used for: **TOYOTA 2F**

Specifications: **Gasoline · 6 cylinders · Bore: 94,00 mm**

In: **TOYOTA**

REF	Qty./eng.	Remarks
<a href="#">RW058019A</a>	1	
<a href="#">RW058019B</a>	1	
<a href="#">RW058019C</a>	1	
<a href="#">NA058019</a>	1	
<a href="#">NT058019</a>	1	
<a href="#">KT058019</a>	1	
<a href="#">OF058019</a>	1	
<a href="#">B0058019A</a>	6	W20 EPU
<a href="#">B0058019B</a>	6	W14 EXU
<a href="#">B0058019C</a>	6	W9 EP
<a href="#">B0058019D</a>	6	W16 EXU



Used for: TOYOTA 2H

Specifications: Diesel · 6 cylinders · Bore: 91,00 mm

In: TOYOTA

Used for: TOYOTA

REF	Qty./eng.	Remarks	
<a href="#">6PI058011STDA</a>	1	STD; 3 grooves Height: 100,2 mm d: 27,0 mm	
<a href="#">6PI058011050A</a>	1	0,500 mm oversize 3 grooves; d: 27,0 mm	
<a href="#">PI058011STDB</a>	6	STD; 3 grooves Height: 102,2 mm d: 29,0 mm	
<a href="#">PI058011050B</a>	6	0,500 mm oversize 3 grooves; d: 29,0	
<a href="#">PI058011STDC</a>	6	STD; 4 grooves	
<a href="#">PI058011050C</a>	6	0,500 mm oversize 4 grooves	
<a href="#">PI058011100C</a>	6	1,000 mm oversize 4 grooves	
<a href="#">SE058011STDA</a>	1	STD; for piston A	
<a href="#">SE058011050A</a>	1	0,500 mm oversize For piston A	
<a href="#">SE058011STDB</a>	1	STD; for piston B	
<a href="#">SE058011050B</a>	1	0,500 mm oversize For piston B	
<a href="#">SE058011STDC</a>	1	STD; for piston C	
<a href="#">SE058011050C</a>	1	0,500 mm oversize For piston C	
<a href="#">SE058011100C</a>	1	1,000 mm oversize For piston C	
<a href="#">CH058011A</a>	6	Outer dia: 94,0 mm, semi-finished	
<a href="#">CH058011B</a>	6	Outer dia: 95,0 mm, semi-finished	
<a href="#">CH058011C</a>	6	Outer dia: 94,0 mm, finished	
<a href="#">IK058011A</a>	6	D: 40,5 mm	
<a href="#">IK058011B</a>	6	D: 42,0 mm	
<a href="#">UK058011A</a>	6	D: 33,5 mm	
<a href="#">UK058011B</a>	6	D: 35,0 mm	
<a href="#">KS058011STD</a>	12	STD	
<a href="#">KS058011005</a>	12	0,050 mm oversize	
<a href="#">IG058011A</a>	6	Height: 56,0 mm	
<a href="#">UG058011A</a>	6	Height: 58,1 mm	
<a href="#">KG058011B</a>	12	Height: 59,8 mm	
<a href="#">HL058011STD</a>	1	STD shaft dia: 70,000 mm	
<a href="#">HL058011025</a>	1	0,250 mm undersize	
<a href="#">HL058011050</a>	1	0,500 mm undersize	
<a href="#">HL058011075</a>	1	0,750 mm undersize	
<a href="#">HL058011100</a>	1	1,000 mm undersize	

REF	Qty./eng.	Remarks	
<a href="#">AL058011STDA</a>	1	STD shaft dia: 76,250 mm	
<a href="#">AL0580110125A</a>	1	0,125 mm undersize	
<a href="#">AL0580110250A</a>	1	0,250 mm undersize	
<a href="#">AL058011STDB</a>	1	STD shaft dia: 76,250 mm	
<a href="#">AL0580110125B</a>	1	0,125 mm undersize	
<a href="#">AL0580110250B</a>	1	0,250 mm undersize	
<a href="#">6BL058011STDA</a>	1	STD; Length: 25,5 mm Shaft dia: 55,00 mm	
<a href="#">6BL058011025A</a>	1	0,250 mm undersize	
<a href="#">6BL058011050A</a>	1	0,500 mm undersize	
<a href="#">6BL058011075A</a>	1	0,750 mm undersize	
<a href="#">6BL058011100A</a>	1	1,000 mm undersize	
<a href="#">BL058011STDB</a>	6	STD; Max. length: 25,5 mm	
<a href="#">6BL058011025B</a>	1	0,250 mm undersize	
<a href="#">6BL058011050B</a>	1	0,500 mm undersize	
<a href="#">6BL058011075B</a>	1	0,750 mm undersize	
<a href="#">6BL058011100B</a>	1	1,000 mm undersize	
<a href="#">PB058011A</a>	6	STD shaft dia: 27,00 mm	
<a href="#">PB058011B</a>	6	STD shaft dia: 29,00 mm	
<a href="#">NL058011STDA</a>	1	STD	
<a href="#">NL0580110125A</a>	1	0,125 mm undersize	
<a href="#">NL0580110250A</a>	1	0,250 mm undersize	
<a href="#">NL058011STDB</a>	1	STD	
<a href="#">NL0580110125B</a>	1	0,125 mm undersize	
<a href="#">NL0580110250B</a>	1	0,250 mm undersize	
<a href="#">KP058011A</a>	1		
<a href="#">KP058011B</a>	1		
<a href="#">BP058011A</a>	1		
<a href="#">BP058011B</a>	1		
<a href="#">JC058011A</a>	1	Length: 679,5 mm	
<a href="#">JC058011B</a>	1	Length: 686,0 mm	
<a href="#">KA058011A</a>	12		



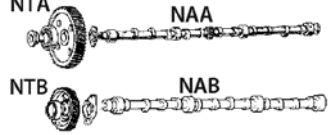

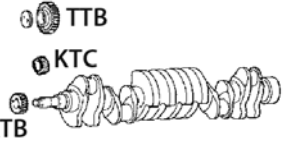
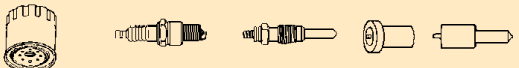
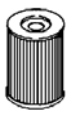



Used for: **TOYOTA 2H**

Specifications: **Diesel · 6 cylinders · Bore: 91,00 mm**

In: **TOYOTA**

REF	Qty./eng.	Remarks	
<a href="#">KA058011B</a>	12		
<a href="#">SV058011</a>	1		
<a href="#">SA058011</a>	1		
<a href="#">KD058011A</a>	1	KDA → 	
<a href="#">KD058011B</a>	1	KDB → 	
			
<a href="#">CB058011A</a>	26	Thread: M12 x 1,50 mm	
<a href="#">CB058011B</a>	26	Thread: M12 x 1,25 mm	
<a href="#">CB058011C</a>	26	Thread: M12 x 1,25 mm	
<a href="#">VP058011A</a>	1	Up to 31/08/1980	
<a href="#">VP058011B</a>	1	From 01/09/1980	
<a href="#">BB058011A</a>	12	M11 x 1,00 mm, with nut	
<a href="#">BB058011B</a>	12	M12 x 1,25 mm	
<a href="#">BM058011A</a>	12	M11	
<a href="#">BM058011B</a>	12	M12	
			
<a href="#">OP058011A</a>	1		
<a href="#">OP058011B</a>	1		
<a href="#">OP058011C</a>	1		
<a href="#">WP058011A</a>	1	Total height: 154,0 mm Total length: 294,0 mm	Without gasket 

REF	Qty./eng.	Remarks	
<a href="#">WP058011B</a>	1	Total height: 150,0 mm Total length: 283,0 mm	Without gasket 
<a href="#">RW058011</a>	1		
<a href="#">NA058011A</a>	1	Length: 712,0 mm	
<a href="#">NA058011B</a>	1	Length: 712,3 mm	
			
<a href="#">NT058011A</a>	1	Total height: 38,7 mm	
<a href="#">NT058011B</a>	1	Total height: 51,2 mm	
<a href="#">KT058011A</a>	1	Total height: 24,2 mm	
<a href="#">KT058011B</a>	1	Total height: 34,0 mm	
<a href="#">KT058011C</a>	1	Total height: 26,0 mm	
			
<a href="#">TT058011A</a>	1	Number of teeth: 24	
			
<a href="#">TT058011B</a>	1	Number of teeth: 26	
<a href="#">HT058011</a>	1		
			
<a href="#">OF058011A</a>	1	Height: 138,0 mm	
<a href="#">OF058011B</a>	1	Height: 138,0 mm	
<a href="#">GB058011A</a>	6	20,5 V, thread: M10 Total length: 98,0 mm	
<a href="#">GB058011B</a>	6	23 V, thread: M10 Total length: 102,0 mm	
<a href="#">IT058011</a>	6		





Used for: TOYOTA 2J

Specifications: Diesel · 4 cylinders · Bore: 88,00 mm

In: TOYOTA

Used for: TOYOTA

REF	Qty./eng.	Remarks
<a href="#">4PI058006STDA</a>	1	STD; 3 grooves
<a href="#">4PI058006100A</a>	1	1,000 mm oversize 3 grooves
<a href="#">4PI058006STDB</a>	1	STD; 4 grooves
<a href="#">4PI058006100B</a>	1	1,000 mm oversize 4 grooves
<a href="#">4PI058006STDC</a>	1	STD; 5 grooves
<a href="#">4PI058006100C</a>	1	1,000 mm oversize 5 grooves
<a href="#">SE058006STDA</a>	1	STD; for piston A
<a href="#">SE058006100A</a>	1	1,000 mm oversize For piston A
<a href="#">SE058006STDB</a>	1	STD; for piston B
<a href="#">SE058006100B</a>	1	1,000 mm oversize For piston B
<a href="#">SE058006STDC</a>	1	STD; for piston C
<a href="#">SE058006100C</a>	1	1,000 mm oversize For piston C
<a href="#">CH058006A</a>	4	Semi-finished
<a href="#">CH058006B</a>	4	Semi-finished
<a href="#">CH058006C</a>	4	Finished
<a href="#">IK058006A</a>	4	Groove: 4,0 mm
<a href="#">IK058006B</a>	4	Groove: 2,0 mm
<a href="#">UK058006A</a>	4	Groove: 4,0 mm
<a href="#">UK058006B</a>	4	Groove: 2,0 mm
<a href="#">KS058006STD</a>	8	STD
<a href="#">KS058006005</a>	8	0,050 mm oversize
<a href="#">IG058006</a>	4	
<a href="#">UG058006</a>	4	
<a href="#">HL058006STD</a>	1	STD shaft dia: 70,000 mm
<a href="#">HL058006025</a>	1	0,250 mm undersize
<a href="#">HL058006050</a>	1	0,500 mm undersize
<a href="#">HL058006075</a>	1	0,750 mm undersize
<a href="#">HL058006100</a>	1	1,000 mm undersize
<a href="#">AL058006STD</a>	1	STD shaft dia: 76,250 mm STD thickness: 2,980 mm
<a href="#">AL0580060125</a>	1	0,125 mm undersize
<a href="#">AL0580060250</a>	1	0,250 mm undersize
<a href="#">4BL058006STDA</a>	1	STD shaft dia: 55,000 mm Length: 27,500 mm
<a href="#">4BL058006025A</a>	1	0,250 mm undersize Length: 27,500 mm

REF	Qty./eng.	Remarks
<a href="#">4BL058006050A</a>	1	0,500 mm undersize Length: 27,500 mm
<a href="#">4BL058006075A</a>	1	0,750 mm undersize Length: 27,500 mm
<a href="#">4BL058006100A</a>	1	1,000 mm undersize Length: 27,500 mm
<a href="#">BL058006STDB</a>	4	STD shaft dia: 55,000 mm Length: 25,500 mm
<a href="#">4BL058006025B</a>	1	0,250 mm undersize Length: 25,500 mm
<a href="#">4BL058006050B</a>	1	0,500 mm undersize Length: 25,500 mm
<a href="#">4BL058006075B</a>	1	0,750 mm undersize Length: 25,500 mm
<a href="#">4BL058006100B</a>	1	1,000 mm undersize Length: 25,500 mm
<a href="#">PB058006</a>	4	STD shaft dia: 27,00 mm
<a href="#">NL058006STDA</a>	1	STD
<a href="#">NL0580060125A</a>	1	0,125 mm undersize
<a href="#">NL0580060250A</a>	1	0,250 mm undersize
<a href="#">NL0580060500A</a>	1	0,500 mm undersize
<a href="#">NL058006STDB</a>	1	STD
<a href="#">NL0580060125B</a>	1	0,125 mm undersize
<a href="#">NL0580060250B</a>	1	0,250 mm undersize
<a href="#">KP058006A</a>	1	With front and rear oil seals, with valve seals
<a href="#">KP058006B</a>	1	With front and rear oil seals, no valve seals
<a href="#">KP058006C</a>	1	With front and rear oil seals, no valve seals
<a href="#">KP058006D</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP058006A</a>	1	
<a href="#">BP058006B</a>	1	
<a href="#">JC058006A</a>	1	
<a href="#">JC058006B</a>	1	
<a href="#">KA058006A</a>	8	All rubber
<a href="#">KA058006B</a>	8	Steel/rubber with spring
<a href="#">SV058006</a>	1	









Used for: **TOYOTA 2J**

Specifications: **Diesel · 4 cylinders · Bore: 88,00 mm**

In: **TOYOTA**

REF	Qty./eng.	Remarks	
<a href="#">1SA058006A</a>	2	Rope seal	
<a href="#">SA058006B</a>	1	Lip seal	
<a href="#">KD058006A</a>	1		
<a href="#">KD058006B</a>	1		
			
<a href="#">CB058006</a>	18		
<a href="#">VP058006</a>	1		
<a href="#">BB058006</a>	8		
<a href="#">BM058006</a>	8		
			
<a href="#">OP058006A</a>	1		
<a href="#">OP058006B</a>	1		
<a href="#">WP058006A</a>	1	Total height: 128,0 mm Total length: 230,0 mm No fixing bolts for a cover, no head taper screw	With gasket 
<a href="#">WP058006B</a>	1	Total height: 131,0 mm Total length: 229,0 mm No fixing bolts for a cover, with head taper screw	Without gasket 
<a href="#">WP058006C</a>	1	Total height: 134,0 mm Total length: 262,0 mm 6 fixing bolts	With gasket 

REF	Qty./eng.	Remarks	
<a href="#">WP058006D</a>	1	Total height: 126,5 mm Total length: 261,0 mm 6 fixing bolts	With gasket 
<a href="#">WP058006E</a>	1	Total height: 142,0 mm Total length: 297,0 mm 5 fixing bolts	Without gasket 
<a href="#">RW058006A</a>	1		
<a href="#">RW058006B</a>	1		
<a href="#">RW058006C</a>	1		
<a href="#">RW058006D</a>	1		
<a href="#">RW058006E</a>	1		
			
<a href="#">NA058006</a>	1		
<a href="#">NT058006A</a>	1	Total height: 24,0 mm	
<a href="#">NT058006B</a>	1		
<a href="#">NT058006C</a>	1	Total height: 28,7 mm	
<a href="#">NT058006D</a>	1	Total height: 38,7 mm	
<a href="#">TT058006</a>	1		
<a href="#">HT058006</a>	1		
			
<a href="#">OF058006A</a>	1		
<a href="#">OF058006B</a>	1		
<a href="#">GB058006A</a>	4	22,5 V, thread: M14 Total length 92,0 mm	
<a href="#">GB058006B</a>	4	8 V, thread: M10 Total length: 102,0 mm	
<a href="#">GB058006C</a>	4	19 V, thread: M10 Total length: 101,0 mm	
<a href="#">GB058006D</a>	4	20,5 V, thread: M10 Total length: 98,0 mm	
<a href="#">GB058006E</a>	4	10,5 V, thread: M10 Total length: 100,0 mm	
<a href="#">IT058006</a>	4		



Used for: **TOYOTA 2Z**

Specifications: **Diesel · 4 cylinders · Bore: 98,00 mm**

In: **TOYOTA**

Used for: TOYOTA

REF	Qty./eng.	Remarks	
<a href="#">PI058016STDA</a>	4	STD; d: 57,0 mm	
<a href="#">PI058016050A</a>	4	0,500 mm oversize d: 57,0 mm	
<a href="#">PI058016100A</a>	4	1,000 mm oversize d: 57,0 mm	
<a href="#">PI058016STDB</a>	4	STD; d: 52,5 mm	
<a href="#">PI058016050B</a>	4	0,500 mm oversize d: 52,5 mm	
<a href="#">PI058016100B</a>	4	1,000 mm oversize d: 52,5 mm	
<a href="#">SE058016STDA</a>	1	STD; for piston A	
<a href="#">SE058016050A</a>	1	0,500 mm oversize	
<a href="#">SE058016100A</a>	1	1,000 mm oversize	
<a href="#">SE058016STDB</a>	1	STD; for piston B	
<a href="#">SE058016050B</a>	1	0,500 mm oversize	
<a href="#">SE058016100B</a>	1	1,000 mm oversize	
<a href="#">CH058016</a>	4	Semi-finished	
<a href="#">IK058016</a>	4		
<a href="#">UK058016</a>	4		
<a href="#">KS058016STD</a>	8	STD	
<a href="#">KS058016005</a>	8	0,050 mm oversize	
<a href="#">KG058016</a>	8		
<a href="#">2HL058016STD</a>	5	STD	
<a href="#">HL058016025</a>	1	0,250 mm undersize	
<a href="#">HL058016050</a>	1	0,500 mm undersize	
<a href="#">HL058016075</a>	1	0,750 mm undersize	
<a href="#">HL058016100</a>	1	1,000 mm undersize	
<a href="#">AL058016STD</a>	1	STD	
<a href="#">AL0580160125</a>	1	0,125 mm undersize	
<a href="#">AL0580160250</a>	1	0,250 mm undersize	
<a href="#">BL058016STD</a>	4	STD; shaft dia: 55,000 mm	
<a href="#">4BL058016025</a>	1	0,250 mm undersize Engine set	
<a href="#">4BL058016050</a>	1	0,500 mm undersize Engine set	
<a href="#">4BL058016075</a>	1	0,750 mm undersize Engine set	
<a href="#">4BL058016100</a>	1	1,000 mm undersize Engine set	
<a href="#">PB058016</a>	4		
<a href="#">NL058016STD</a>	1	STD	
<a href="#">NL0580160125</a>	1	0,125 mm undersize	
<a href="#">NL0580160250</a>	1	0,250 mm undersize	

REF	Qty./eng.	Remarks	
<a href="#">KP058016A</a>	1	With front and rear oil seals, with valve seals, with KDA	
<a href="#">KP058016B</a>	1	With front and rear oil seals, with valve seals, with KDB	
<a href="#">BP058016A</a>	1	With valve seals, with KDA	
<a href="#">BP058016B</a>	1	With valve seals, with KDB	
<a href="#">JC058016B</a>	1		
<a href="#">KA058016</a>	8		
<a href="#">SV058016</a>	1		
<a href="#">SA058016</a>	1		
<a href="#">KD058016A</a>	1		
<a href="#">KD058016B</a>	1		
<a href="#">CB058016</a>	18		
<a href="#">VP058016</a>	1		
<a href="#">BB058016</a>	8		
<a href="#">BM058016</a>	8		
<a href="#">OP058016</a>	1		
<a href="#">WP058016A</a>	1	Total height: 119,0 mm Total length: 288,0 mm	With gasket 
<a href="#">WP058016B</a>	1	Total height: 149,0 mm Total length: 285,0 mm	Without gasket 
<a href="#">RW058016B</a>	1		



Used for: TOYOTA

Used for: **TOYOTA 2Z**

Specifications: **Diesel · 4 cylinders · Bore: 98,00 mm**

In: **TOYOTA**

REF	Qty./eng.	Remarks
<a href="#">NA058016</a>	1	
<a href="#">NT058016</a>	1	
<a href="#">KT058016</a>	1	
<a href="#">TT058016A</a>	1	
<a href="#">TT058016B</a>	1	
<a href="#">OF058016A</a>	1	Height: 138,0 mm
<a href="#">OF058016B</a>	1	Height: 95,0 mm
<a href="#">IT058016A</a>	4	DLLA 150P602
<a href="#">IT058016B</a>	4	DLLA 150P700



Used for: TOYOTA 3F

Specifications: **Gasoline** · **6 cylinders** · Bore: **94,00 mm**

In: **TOYOTA**

REF	Qty./eng.	Remarks
<a href="#">PI058020STD</a>	6	STD
<a href="#">PI058020050</a>	6	0,500 mm oversize
<a href="#">PI058020100</a>	6	1,000 mm oversize
<a href="#">PI058020150</a>	6	1,500 mm oversize
<a href="#">SE058020STD</a>	1	STD
<a href="#">SE058020050</a>	1	0,500 mm oversize
<a href="#">SE058020100</a>	1	1,000 mm oversize
<a href="#">SE058020150</a>	1	1,500 mm oversize
<a href="#">IK058020</a>	6	
<a href="#">UK058020</a>	6	
<a href="#">KS058020</a>	12	
<a href="#">IG058020</a>	6	
<a href="#">UG058020</a>	6	
<a href="#">2HL058020STDA</a>	1	STD; 1st brg: 67,000 mm
<a href="#">2HL058020STDB</a>	1	STD; 2nd brg: 68,500 mm
<a href="#">2HL058020STDC</a>	1	STD; 3rd brg: 70,000 mm
<a href="#">2HL058020STDD</a>	1	STD; 4th brg: 71,500 mm
<a href="#">HL058020025</a>	1	0,250 mm undersize Engine set
<a href="#">HL058020050</a>	1	0,500 mm undersize Engine set
<a href="#">AL058020STD</a>	1	STD thickness: 2,480 mm
<a href="#">AL0580200125</a>	1	0,125 mm undersize
<a href="#">AL0580200250</a>	1	0,250 mm undersize
<a href="#">BL058020STD</a>	6	STD shaft dia: 53,000 mm
<a href="#">6BL058020025</a>	1	0,250 mm undersize
<a href="#">6BL058020050</a>	1	0,500 mm undersize
<a href="#">PB058020</a>	6	
<a href="#">NL058020STD</a>	1	STD
<a href="#">NL058020025</a>	1	0,250 mm undersize
<a href="#">NL058020050</a>	1	0,500 mm undersize
<a href="#">KP058020A</a>	1	With front and rear oil seals, with valve seals, with gasket water pump A
		 gasket water pump
<a href="#">KP058020B</a>	1	With front and rear oil seals, with valve seals, with gasket water pump B
		 gasket water pump

REF	Qty./eng.	Remarks
<a href="#">BP058020</a>	1	
<a href="#">JC058020</a>	1	
<a href="#">KA058020</a>	12	
<a href="#">SV058020</a>	1	
<a href="#">SA058020</a>	1	
<a href="#">KD058020</a>	1	
<a href="#">CB058020</a>	15	
<a href="#">BM058020</a>	12	
<a href="#">OP058020A</a>	1	
<a href="#">OP058020B</a>	1	
<a href="#">WP058020A</a>	1	Total height: 134,5 mm Total length: 284,0 mm
		With gasket
<a href="#">WP058020B</a>	1	Total height: 157,0 mm Total length: 304,5 mm
		Without gasket
<a href="#">NA058020</a>	1	
<a href="#">NT058020</a>	1	
<a href="#">KT058020</a>	1	
<a href="#">OF058020</a>	1	
<a href="#">B0058020</a>	6	



Used for: **TOYOTA 3P**

Specifications: **Gasoline · 4 cylinders · Bore: 76,60 mm**

In: **TOYOTA**

REF	Qty./eng.	Remarks
<a href="#">PI058001STD</a>	4	STD
<a href="#">PI058001025</a>	4	0,250 mm oversize
<a href="#">PI058001050</a>	4	0,500 mm oversize
<a href="#">PI058001075</a>	4	0,750 mm oversize
<a href="#">PI058001100</a>	4	1,000 mm oversize
<a href="#">SE058001STD</a>	1	STD
<a href="#">SE058001025</a>	1	0,250 mm oversize
<a href="#">SE058001050</a>	1	0,500 mm oversize
<a href="#">SE058001075</a>	1	0,750 mm oversize
<a href="#">SE058001100</a>	1	1,000 mm oversize
<a href="#">CH058001</a>	4	Semi-finished
<a href="#">IK058001A</a>	4	2 grooves
<a href="#">IK058001B</a>	4	1 groove
<a href="#">IK058001C</a>	4	2 grooves
<a href="#">UK058001A</a>	4	2 grooves
<a href="#">UK058001B</a>	4	1 groove
<a href="#">UK058001C</a>	4	2 grooves
<a href="#">KS058001STD</a>	8	STD
<a href="#">KS058001005</a>	8	0,050 mm oversize
<a href="#">KG058001</a>	8	
<a href="#">HL058001STD</a>	1	STD shaft dia: 52,000 mm
<a href="#">HL058001025</a>	1	0,250 mm undersize
<a href="#">HL058001050</a>	1	0,500 mm undersize
<a href="#">HL058001075</a>	1	0,750 mm undersize
<a href="#">HL058001100</a>	1	1,000 mm undersize
<a href="#">AL058001STD</a>	1	STD shaft dia: 57,000 mm STD thickness: 2,480 mm
<a href="#">AL0580010125</a>	1	0,125 mm undersize
<a href="#">AL0580010250</a>	1	0,250 mm undersize
<a href="#">4BL058001STD</a>	1	STD shaft dia: 47,000 mm
<a href="#">4BL058001025</a>	1	0,250 mm undersize
<a href="#">4BL058001050</a>	1	0,500 mm undersize
<a href="#">4BL058001075</a>	1	0,750 mm undersize
<a href="#">4BL058001100</a>	1	1,000 mm undersize

REF	Qty./eng.	Remarks
<a href="#">PB058001</a>	4	STD shaft dia: 20,00 mm
<a href="#">NL058001STD</a>	1	STD
<a href="#">NL0580010125</a>	1	0,125 mm undersize
<a href="#">NL0580010250</a>	1	0,250 mm undersize
<a href="#">KP058001A</a>	1	With front and rear oil seal, with valve seals, with valve seal o-ring (6,0 x 1,85 mm)
<a href="#">KP058001B</a>	1	With front and rear oil seal, with valve seals, with valve seal o-ring (6,0 x 3,0 mm)
<a href="#">BP058001A</a>	1	With valve seal o-ring 6,0 x 1,85 mm
<a href="#">BP058001B</a>	1	With valve seal o-ring 6,0 x 3,0 mm
<a href="#">JC058001</a>	1	
<a href="#">KA058001A</a>	8	With o-ring (6,0 x 1,85 mm)
<a href="#">KA058001B</a>	8	With o-ring (6,0 x 3,0 mm)
<a href="#">KA058001C</a>	8	
<a href="#">SV058001</a>	1	
<a href="#">1SA058001</a>	2	
<a href="#">KD058001</a>	1	
<a href="#">CB058001A</a>	1	
<a href="#">CB058001B</a>	1	
<a href="#">VP058001</a>	1	
<a href="#">BB058001</a>	8	
<a href="#">OP058001</a>	1	






Used for: **TOYOTA 3P**

Specifications: **Gasoline · 4 cylinders · Bore: 76,60 mm**

In: **TOYOTA**

Used for: **TOYOTA**

REF	Qty./eng.	Remarks	
<a href="#">WP058001A</a>	1	Total height: 122,0 mm Total length: 222,0 mm	Without gasket 
<a href="#">WP058001B</a>	1	Total height: 123,0 mm Total length: 227,0 mm	With gasket 
<a href="#">RW058001</a>	1	Fits both WPA and WPB	
			
<a href="#">NA058001</a>	1		
<a href="#">NT058001</a>	1		
<a href="#">KT058001A</a>	1	32,0 x 72,8 x 25,0 mm	
<a href="#">KT058001B</a>	1	32,0 x 72,7 x 27,0 mm	
			
<a href="#">OF058001</a>	1		
<a href="#">BO058001</a>	4		








Used for: **TOYOTA 4P**

Specifications: **Gasoline · 4 cylinders · Bore: 76,60 mm**

In: **TOYOTA, KOMATSU**

REF	Qty./eng.	Remarks
<a href="#">PI058002STD</a>	4	STD
<a href="#">PI058002050</a>	4	0,500 mm oversize
<a href="#">PI058002100</a>	4	1,000 mm oversize
<a href="#">SE058002STD</a>	1	STD
<a href="#">SE058002050</a>	1	0,500 mm oversize
<a href="#">SE058002100</a>	1	1,000 mm oversize
<a href="#">CH058002</a>	4	Semi-finished
<a href="#">IK058002A</a>	4	2 grooves
<a href="#">IK058002B</a>	4	1 groove
<a href="#">UK058002A</a>	4	2 grooves
<a href="#">UK058002B</a>	4	1 groove
<a href="#">KS058002STD</a>	8	STD
<a href="#">KS058002005</a>	8	0,050 mm oversize
<a href="#">KG058002</a>	8	
<a href="#">HL058002STD</a>	1	STD shaft dia: 52,000 mm
<a href="#">HL058002025</a>	1	0,250 mm undersize
<a href="#">HL058002050</a>	1	0,500 mm undersize
<a href="#">HL058002075</a>	1	0,750 mm undersize
<a href="#">HL058002100</a>	1	1,000 mm undersize
<a href="#">AL058002STD</a>	1	STD shaft dia: 57,000 mm, STD thickness: 2,480 mm
<a href="#">AL0580020125</a>	1	0,125 mm undersize
<a href="#">AL0580020250</a>	1	0,250 mm undersize
<a href="#">4BL058002STD</a>	1	STD shaft dia: 47,000 mm
<a href="#">4BL058002050</a>	1	0,500 mm undersize
<a href="#">4BL058002025</a>	1	0,250 mm undersize
<a href="#">4BL058002075</a>	1	0,750 mm undersize
<a href="#">4BL058002100</a>	1	1,000 mm undersize
<a href="#">PB058002</a>	4	STD shaft dia: 20,00 mm
<a href="#">NL058002STD</a>	1	STD
<a href="#">NL0580020125</a>	1	0,125 mm undersize
<a href="#">NL0580020250</a>	1	0,250 mm undersize

REF	Qty./eng.	Remarks
<a href="#">KP058002A</a>	1	In Toyota with cast iron gear cover, with front and rear oil seal, with valve seals  for cast iron gear cover
<a href="#">KP058002B</a>	1	In Toyota with aluminium gear cover, with front and rear oil seal, with valve seals  for aluminium gear cover
<a href="#">KP058002C</a>	1	With front and rear oil seal, with valve seals Komatsu FG10/14/15/18-15 FG10N/14N/15N/18N-15 FG10L/14L/15L/18L-15 FG10D/14D/15D/18D-15
<a href="#">BP058002A</a>	1	
<a href="#">BP058002B</a>	1	
<a href="#">JC058002</a>	1	
<a href="#">KA058002A</a>	8	O-ring
<a href="#">KA058002B</a>	8	
<a href="#">SV058002A</a>	1	38,5 x 58,0 x 11 mm
<a href="#">SV058002B</a>	1	45,0 x 62,0 x 8,0 mm
<a href="#">1SA058002</a>	2	
<a href="#">KD058002</a>	1	
<a href="#">CB058002</a>	10	
<a href="#">VP058002</a>	1	
<a href="#">BB058002</a>	8	
<a href="#">OP058002</a>	1	

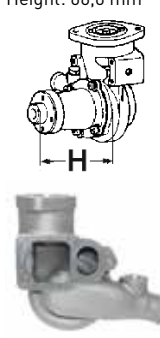



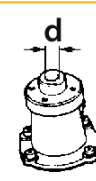





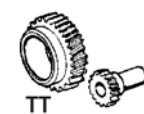



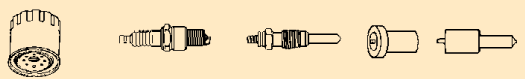
Used for: **TOYOTA 4P**

Specifications: **Gasoline · 4 cylinders · Bore: 76,60 mm**

In: **TOYOTA, KOMATSU**

Used for: **TOYOTA**

REF	Qty./eng.	Remarks	
<a href="#">WP058002A</a>	1	Total height: 134,0 mm Total length: 229,0 mm 4 fixing bolts for the kit	Without gasket Height: 66,0 mm 
<a href="#">WP058002B</a>	1	Total height: 142,0 mm Total length: 228,0 mm 4 fixing bolts for the kit	Without gasket Height: 90,0 mm 
<a href="#">WP058002C</a>	1	Total height: 143,0 mm Total length: 230,0 mm 4 fixing bolts for the kit	Without gasket Height: 72,0 mm 
<a href="#">WP058002D</a>	1	Total height: 142,0 mm Total length: 240,0 mm 5 fixing bolts for the kit	Without gasket 
<a href="#">RW058002A</a>	1	d: 12,0 mm	
<a href="#">RW058002B</a>	1	d: 16,0 mm	
<a href="#">RW058002C</a>	1	d: 16,0 mm	
<a href="#">RW058002D</a>	1		
			
<a href="#">NA058002A</a>	1		
<a href="#">NA058002B</a>	1	Toyota 5FG10,14,15,18	

REF	Qty./eng.	Remarks	
<a href="#">NT058002</a>	1		
<a href="#">KT058002A</a>	1	Number of teeth: 25, 32,0 x 73,0 x 25,0 mm	
<a href="#">KT058002B</a>	1	Number of teeth: 25, 32,0 x 73,0 x 27,0 mm	
<a href="#">KT058002C</a>	1	Number of teeth: 23, 31,5 x 66,5 x 33,0 mm	
			
		HT: D, E	HT: A, B
<a href="#">TT058002</a>	1		
<a href="#">HT058002A</a>	1	Length: 86,0 mm Number of splines: 10	
<a href="#">HT058002B</a>	1	Length: 77,0 mm Number of splines: 16	
<a href="#">HT058002D</a>	1	Length: 108,0 mm Number of splines: 10	
<a href="#">HT058002E</a>	1	Length: 99,0 mm Number of splines: 16	
<a href="#">HK058002A</a>	1		
<a href="#">HK058002B</a>	1		
			
<a href="#">OF058002</a>	1		
<a href="#">B0058002</a>	4		



Used for: **TOYOTA 4Y**

Specifications: **Gasoline · 4 cylinders · Bore: 91,00 mm**

In: **TOYOTA, CESAB, TCM, BT**

REF	Qty./eng.	Remarks
<a href="#">PI058007STDA</a>	4	STD
<a href="#">PI058007050A</a>	4	0,500 mm oversize
<a href="#">PI058007STDB</a>	4	STD
<a href="#">PI058007050B</a>	4	0,500 mm oversize
<a href="#">SE058007STDA</a>	1	STD, for piston A
<a href="#">SE058007050A</a>	1	0,500 mm oversize For piston A
<a href="#">SE058007STDB</a>	1	STD, for piston B
<a href="#">SE058007050B</a>	1	0,500 mm oversize For piston B
<a href="#">IK058007</a>	4	
<a href="#">UK058007</a>	4	
<a href="#">KS058007</a>	8	
<a href="#">IG058007STD</a>	4	STD
<a href="#">IG058007005</a>	4	0,050 mm oversize
<a href="#">UG058007STD</a>	4	STD
<a href="#">UG058007005</a>	4	0,050 mm oversize
<a href="#">HL058007STDA</a>	1	All 5 pairs of bearings are 20,7 mm wide, STD shaft dia: 58,0 mm
<a href="#">HL058007025A</a>	1	0,250 mm undersize
<a href="#">HL058007050A</a>	1	0,500 mm undersize
<a href="#">HL058007075A</a>	1	0,750 mm undersize
<a href="#">HL058007100A</a>	1	1,000 mm undersize
<a href="#">HL058007STDB</a>	1	1 pair of bearing: 22,7 mm wide, STD shaft dia: 58,0 mm
<a href="#">HL058007025B</a>	1	0,250 mm undersize
<a href="#">AL058007STD</a>	1	STD shaft dia: 64,3 mm, STD thickness: 2,490 mm
<a href="#">AL0580070250</a>	1	0,250 mm undersize
<a href="#">BL058007STD</a>	4	STD shaft dia: 48,000 mm
<a href="#">BL058007025</a>	4	0,250 mm undersize
<a href="#">4BL058007025</a>	1	0,250 mm undersize
<a href="#">4BL058007050</a>	1	0,500 mm undersize
<a href="#">4BL058007075</a>	1	0,750 mm undersize
<a href="#">4BL058007100</a>	1	1,000 mm undersize
<a href="#">NL058007STD</a>	1	STD



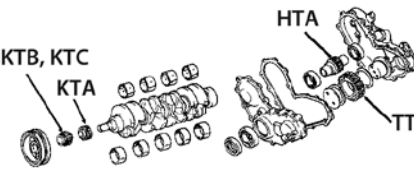

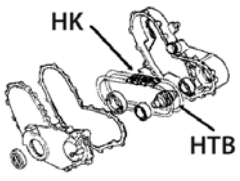
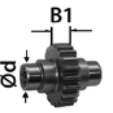
REF	Qty./eng.	Remarks
<a href="#">NL0580070125</a>	1	0,125 mm undersize
<a href="#">NL0580070250</a>	1	0,250 mm undersize
<a href="#">KP058007A</a>	1	With front and rear oil seal, with valve seals, with SVA
<a href="#">KP058007B</a>	1	With front and rear oil seal, with valve seals, with SVB
<a href="#">KP058007C</a>	1	With oil seal front, with SVC
<a href="#">BP058007A</a>	1	5 and 6 series
<a href="#">BP058007B</a>	1	7 series and up
<a href="#">JC058007</a>	1	
<a href="#">KA058007</a>	8	
<a href="#">SV058007A</a>	1	78,0 x 60,0 x 10,0 mm
<a href="#">SV058007B</a>	1	2 5/8" x 1 15/16" x 5/16"
<a href="#">SV058007C</a>	1	66,0 x 49,8 x 8,0 mm
<a href="#">SA058007A</a>	1	100,0 x 80,0 x 10,0 mm
<a href="#">SA058007B</a>	1	100,0 x 80,0 x 8,5 mm
<a href="#">KD058007</a>	1	
<a href="#">CB058007</a>	10	
<a href="#">VP058007</a>	1	
<a href="#">BB058007</a>	8	
<a href="#">BM058007</a>	8	
<a href="#">OP058007</a>	1	
<a href="#">WP058007A</a>	1	Total height: 130,0 mm Total length: 216,0 mm 5 and 6 series







Used for: **TOYOTA 4Y**

Specifications: **Gasoline · 4 cylinders · Bore: 91,00 mm**

In: **TOYOTA, CESAB, TCM, BT**

REF	Qty./eng.	Remarks	
<a href="#">WP058007B</a>	1	Total height: 126,0 mm Total length: 256,0 mm 7 series and up	Without gasket 
<a href="#">RW058007A</a>	1	5 and 6 series	
<a href="#">RW058007B</a>	1	7 series and up	
			
<a href="#">NA058007A</a>	1	5FG10,14,15,18	
<a href="#">NA058007B</a>	1	5FG20,23,25,28,30	
<a href="#">NT058007A</a>	1	For double chain	
<a href="#">NT058007B</a>	1	For single chain	
			
<a href="#">KT058007AA</a>	1	For double chain	
<a href="#">KT058007AB</a>	1	For single chain	
<a href="#">KT058007B</a>	1	With gears for hydraulic pump	
<a href="#">KT058007C</a>	1	With chain for hydraulic pump	
<a href="#">KT058007CA</a>	1	H1: 68,0 mm, B1: 22,8 mm	
<a href="#">KT058007CB</a>	1	H1: 68,0 mm, B1: 16,5 mm	
<a href="#">KT058007CC</a>	1	H1: 59,0 mm, B1: 16,8 mm	
<a href="#">TT058007</a>	1		
<a href="#">HT058007A</a>	1	With gears	
			
<a href="#">HT058007B</a>	1	With chain	
<a href="#">HT058007BA</a>	1	B1: 23,0 mm, d: 14,0 mm	
<a href="#">HT058007BB</a>	1	B1: 16,7 mm, d: 14,5 mm	
<a href="#">HT058007BC</a>	1	B1: 16,6 mm, d: 14,7 mm	
<a href="#">DK058007A</a>	1	Double chain	
<a href="#">DK058007B</a>	1	Single chain	

REF	Qty./eng.	Remarks	
<a href="#">SK058007A</a>	1	Width: 27,0 mm	
<a href="#">SK058007B</a>	1	Width: 21,0 mm	
<a href="#">SK058007C</a>	1		
<a href="#">HK058007A</a>	1	Width: 27,0 mm	
<a href="#">HK058007B</a>	1	Width: 21,0 mm	
			
<a href="#">OF058007A</a>	1	Height: 125,0 mm	
<a href="#">OF058007B</a>	1	Height: 85,0 mm	
<a href="#">B0058007A</a>	4	W20EXU	
<a href="#">B0058007B</a>	4	W9EXRU	



Used for: **TOYOTA 5K**

Specifications: **Gasoline · 4 cylinders · Bore: 80,50 mm**

In: **TOYOTA, KOMATSU**

REF	Qty./eng.	Remarks
<a href="#">PI058008STD</a>	4	STD
<a href="#">PI058008050</a>	4	0,500 mm oversize
<a href="#">SE058008STD</a>	1	STD
<a href="#">SE058008050</a>	1	0,500 mm oversize
<a href="#">IK058008</a>	4	
<a href="#">UK058008</a>	4	
<a href="#">KS058008</a>	8	
<a href="#">KG058008STD</a>	8	STD
<a href="#">KG058008005</a>	8	0,050 mm oversize
<a href="#">2HL058008STD</a>	5	STD shaft dia: 50,000 mm
<a href="#">HL058008025</a>	1	0,250 mm undersize
<a href="#">HL058008050</a>	1	0,500 mm undersize
<a href="#">AL058008STDA</a>	1	STD shaft dia: 55,250 mm, width: 67,5 mm
<a href="#">AL0580080125A</a>	1	0,125 mm undersize Width: 67,5 mm
<a href="#">AL0580080250A</a>	1	0,250 mm undersize Width: 67,5 mm
<a href="#">AL058008STDB</a>	1	STD shaft dia: 55,250 mm, width: 76,0 mm
<a href="#">AL0580080125B</a>	1	0,125 mm undersize Width: 76,0 mm
<a href="#">BL058008STD</a>	4	STD shaft dia: 42,000 mm
<a href="#">4BL058008025</a>	1	0,250 mm undersize
<a href="#">4BL058008050</a>	1	0,500 mm undersize
<a href="#">4BL058008075</a>	1	0,750 mm undersize
<a href="#">PB058008</a>	4	
<a href="#">NL058008STD</a>	1	STD
<a href="#">NL0580080125</a>	1	0,125 mm undersize
<a href="#">NL0580080250</a>	1	0,250 mm undersize
<a href="#">KP058008A</a>	1	With front and rear oil seal, with valve seals, for 6-series
<a href="#">KP058008B</a>	1	For 7 series
<a href="#">BP058008A</a>	1	For 6 series
<a href="#">BP058008B</a>	1	For 7 series
<a href="#">JC058008</a>	1	

REF	Qty./eng.	Remarks
<a href="#">KA058008</a>	8	
<a href="#">SV058008A</a>	1	66,0 x 49,8 x 8,0 mm
<a href="#">SV058008B</a>	1	66,0 x 49,8 x 8,0 mm, from 01/01/1998, high temperature
<a href="#">SA058008A</a>	1	92,0 x 70,0 x 8,5 mm
<a href="#">SA058008B</a>	1	92,0 x 70,0 x 8,5 mm, from 01/01/1998, high temperature
<a href="#">KD058008</a>	1	
<a href="#">CB058008</a>	10	
<a href="#">VP058008</a>	1	
<a href="#">BB058008</a>	8	With nut
<a href="#">OP058008</a>	1	
<a href="#">WP058008A</a>	1	Total height: 146,0 mm Total length: 245,0 mm With repair kit, dia: 52,0 mm
<a href="#">WP058008B</a>	1	Total height: 174,5 mm Total length: 276,0 mm With repair kit, dia: 68,0 mm
<a href="#">RW058008A</a>	1	D: 52,0 mm
<a href="#">RW058008B</a>	1	D: 68,0 mm
<a href="#">NA058008A</a>	1	





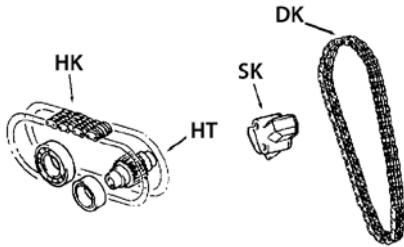



Used for: **TOYOTA 5K**

Specifications: **Gasoline · 4 cylinders · Bore: 80,50 mm**

In: **TOYOTA, KOMATSU**

Used for: **TOYOTA**

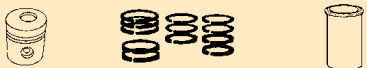
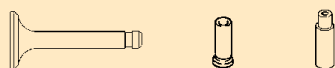

REF	Qty./eng.	Remarks	
<a href="#">NA058008B</a>	1		
<a href="#">NT058008</a>	1		
<a href="#">KT058008A</a>	1	Total height: 25,0 mm	
<a href="#">KT058008B</a>	1	Total height: 68,5 mm	
			
<a href="#">HT058008</a>	1		
<a href="#">DK058008</a>	1		
<a href="#">SK058008A</a>	1	For 6 series	
<a href="#">SK058008B</a>	1	For 7 series	
<a href="#">HK058008</a>	1		
			
<a href="#">OF058008A</a>	1	Height: 77,0 mm	
<a href="#">OF058008B</a>	1	Height: 85,0 mm	
<a href="#">B0058008</a>	4		






Used for: **TOYOTA 5P**

Specifications: **Gasoline · 4 cylinders · Bore: 93,00 mm**

In: **TOYOTA**

REF	Qty./eng.	Remarks
		
<a href="#">PI058005STD</a>	4	STD
<a href="#">PI058005050</a>	4	0,500 mm oversize
<a href="#">PI058005100</a>	4	1,000 mm oversize
<a href="#">SE058005STD</a>	1	STD
<a href="#">SE058005050</a>	1	0,500 mm oversize
<a href="#">SE058005100</a>	1	1,000 mm oversize
		
<a href="#">IK058005</a>	4	
<a href="#">UK058005</a>	4	
<a href="#">KS058005STD</a>	8	STD
<a href="#">KS058005005</a>	8	0,050 mm oversize
<a href="#">KG058005</a>	8	
		
<a href="#">HL058005STD</a>	1	STD shaft dia: 70,000 mm
<a href="#">HL058005025</a>	1	0,250 mm undersize
<a href="#">HL058005050</a>	1	0,500 mm undersize
<a href="#">HL058005075</a>	1	0,750 mm undersize
<a href="#">HL058005100</a>	1	1,000 mm undersize
<a href="#">AL058005STD</a>	1	STD shaft dia: 76,250 mm, STD thickness: 2,980 mm
<a href="#">AL0580050125</a>	1	0,125 mm undersize
<a href="#">AL0580050250</a>	1	0,250 mm undersize
<a href="#">4BL058005STDA</a>	1	STD shaft dia: 55,000 mm Length: 27,5 mm
<a href="#">4BL058005025A</a>	1	0,250 mm undersize Length: 27,5 mm
<a href="#">4BL058005050A</a>	1	0,500 mm undersize Length: 27,5 mm
<a href="#">4BL058005075A</a>	1	0,750 mm undersize Length: 27,5 mm
<a href="#">4BL058005100A</a>	1	1,000 mm undersize Length: 27,5 mm
<a href="#">BL058005STDB</a>	4	STD shaft dia: 55,000 mm, Length: 25,500 mm
<a href="#">4BL058005025B</a>	1	0,250 mm undersize Length: 25,5 mm
<a href="#">4BL058005050B</a>	1	0,500 mm undersize Length: 25,5 mm
<a href="#">4BL058005075B</a>	1	0,750 mm undersize length: 25,5 mm
<a href="#">4BL058005100B</a>	1	1,000 mm undersize Length: 25,5 mm
<a href="#">PB058005</a>	4	STD shaft dia: 27,000 mm
<a href="#">NL058005STD</a>	1	STD
<a href="#">NL0580050125</a>	1	0,125 mm undersize
<a href="#">NL0580050250</a>	1	0,250 mm undersize

REF	Qty./eng.	Remarks
		
<a href="#">KP058005</a>	1	With front and rear oil seal, with valve seals
<a href="#">BP058005</a>	1	
<a href="#">JC058005</a>	1	
<a href="#">KA058005</a>	8	
<a href="#">SV058004</a>	1	72,0 x 50,0 x 12,0 mm
<a href="#">SA058004</a>	1	
<a href="#">KD058005</a>	1	
		
<a href="#">CB058005</a>	18	
<a href="#">VP058005</a>	1	
<a href="#">BB058005</a>	8	
<a href="#">BM058005</a>	8	
		
<a href="#">OP058005A</a>	1	
<a href="#">OP058005B</a>	1	
<a href="#">WP058005A</a>	1	Total height: 134,0 mm Total length: 262,0 mm Without gasket Flange dia: 67,4 mm
		


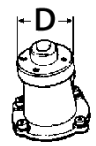




Used for: **TOYOTA 5P**

Specifications: **Gasoline · 4 cylinders · Bore: 93,00 mm**

In: **TOYOTA**

Used for: **TOYOTA**

REF	Qty./eng.	Remarks	
<a href="#">WP058005B</a>	1	Total height: 126,0 mm Total length: 263,0 mm	Without gasket Flange dia: 52,0 mm 
<a href="#">RW058005A</a>	1		
<a href="#">RW058005B</a>	1		
			
<a href="#">NA058005</a>	1		
<a href="#">KT058005</a>	1		
<a href="#">TT058005</a>	1		
<a href="#">HT058005</a>	1		
			
<a href="#">OF058005</a>	1		
<a href="#">B0058005</a>	4		

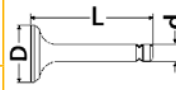


Used for: **TOYOTA 5R**

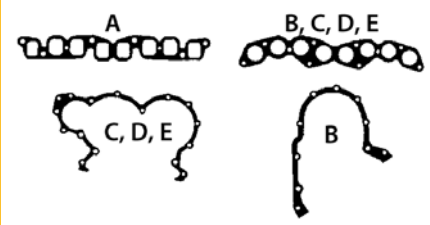
Specifications: **Gasoline · 4 cylinders · Bore: 88,00 mm**

In: **TOYOTA**

REF	Qty./eng.	Remarks
<a href="#">PI058004STD</a>	4	STD
<a href="#">PI058004025</a>	4	0,250 mm oversize
<a href="#">PI058004050</a>	4	0,500 mm oversize
<a href="#">PI058004075</a>	4	0,750 mm oversize
<a href="#">PI058004100</a>	4	1,000 mm oversize
<a href="#">PI058004125</a>	4	1,250 mm oversize
<a href="#">PI058004150</a>	4	1,500 mm oversize
<a href="#">SE058004STD</a>	1	STD
<a href="#">SE058004025</a>	1	0,250 mm oversize
<a href="#">SE058004050</a>	1	0,500 mm oversize
<a href="#">SE058004075</a>	1	0,750 mm oversize
<a href="#">SE058004100</a>	1	1,000 mm oversize
<a href="#">SE058004125</a>	1	1,250 mm oversize
<a href="#">SE058004150</a>	1	1,500 mm oversize
<a href="#">IK058004A</a>	4	2 grooves, L: 124,8 mm, d: 8,99 mm, D: 42,1 mm
<a href="#">IK058004B</a>	4	2 grooves, L: 109,5 mm, d: 8,49 mm, D: 43,0 mm
<a href="#">IK058004C</a>	4	1 groove, L: 109,3 mm, d: 8,45 mm, D: 43,0 mm
<a href="#">UK058004A</a>	4	2 grooves, L: 124,9 mm, d: 8,97 mm, D: 35,2 mm
<a href="#">UK058004B</a>	4	2 grooves, L: 109,5 mm, d: 8,48 mm, D: 37,0 mm
<a href="#">UK058004C</a>	4	1 groove, L: 110,0 mm, d: 8,44 mm, D: 37,0 mm
<a href="#">KS058004STD</a>	8	STD
<a href="#">KS058004005</a>	8	0,050 mm oversize
<a href="#">KG058004A</a>	8	Length: 61,0 mm
<a href="#">KG058004B</a>	8	Length: 50,2 mm
<a href="#">KG058004C</a>	8	Length: 53,0 mm



REF	Qty./eng.	Remarks
<a href="#">HL058004STDA</a>	1	STD shaft dia: 60,000 mm, flanged
<a href="#">HL058004005A</a>	1	0,050 mm undersize; flanged
<a href="#">HL058004025A</a>	1	0,250 mm undersize; flanged
<a href="#">HL058004050A</a>	1	0,500 mm undersize; flanged
<a href="#">HL058004075A</a>	1	0,750 mm undersize; flanged
<a href="#">HL058004100A</a>	1	1,000 mm undersize; flanged
<a href="#">HL058004STDB</a>	1	STD shaft dia: 60,000 mm, straight
<a href="#">HL058004005B</a>	1	0,050 mm undersize; straight
<a href="#">HL058004025B</a>	1	0,250 mm undersize; straight
<a href="#">HL058004050B</a>	1	0,500 mm undersize; straight
<a href="#">HL058004075B</a>	1	0,750 mm undersize; straight
<a href="#">HL058004100B</a>	1	1,000 mm undersize; straight
<a href="#">AL058004STDB</a>	1	STD shaft dia: 66,250 mm, STD thickness: 3,990 mm
<a href="#">AL0580040125B</a>	1	0,125 mm undersize
<a href="#">AL0580040250B</a>	1	0,250 mm undersize
<a href="#">4BL058004STD</a>	1	STD shaft dia: 55,000 mm
<a href="#">4BL058004005</a>	1	0,050 mm undersize
<a href="#">4BL058004025</a>	1	0,250 mm undersize
<a href="#">4BL058004050</a>	1	0,500 mm undersize
<a href="#">4BL058004075</a>	1	0,750 mm undersize
<a href="#">4BL058004100</a>	1	1,000 mm undersize
<a href="#">4BL058004125</a>	1	1,250 mm undersize
<a href="#">4BL058004150</a>	1	1,500 mm undersize
<a href="#">PB058004</a>	4	STD shaft dia: 22,009 mm
<a href="#">NL058004STD</a>	1	STD
<a href="#">NL0580040125</a>	1	0,125 mm undersize
<a href="#">NL0580040250</a>	1	0,250 mm undersize


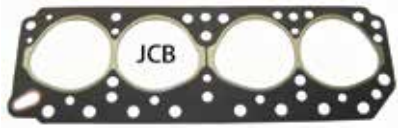
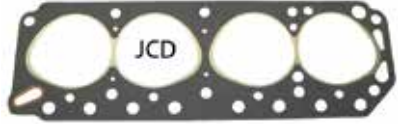








Used for: **TOYOTA 5R**

Specifications: **Gasoline · 4 cylinders · Bore: 88,00 mm**

In: **TOYOTA**

REF	Qty./eng.	Remarks	
<a href="#">KP058004A</a>	1	With front and rear oil seals, with valve seals	
<a href="#">KP058004B</a>	1	With front and rear oil seals, with valve seals	
<a href="#">KP058004C</a>	1	With front and rear oil seals, with valve seals	
<a href="#">KP058004D</a>	1	With front and rear oil seals, with valve seals	
<a href="#">KP058004E</a>	1	With front and rear oil seals, with valve seals	
<a href="#">BP058004A</a>	1		
<a href="#">BP058004B</a>	1		
<a href="#">BP058004C</a>	1		
<a href="#">BP058004D</a>	1		
<a href="#">BP058004E</a>	1		
<a href="#">JC058004A</a>	1	A	
<a href="#">JC058004B</a>	1	B, C	
<a href="#">JC058004D</a>	1	D, E	
<a href="#">KA058004A</a>	8	O-ring	
<a href="#">KA058004D</a>	8		
<a href="#">SV058004A</a>	1	58,0 x 38,5 x 11,0 mm	
<a href="#">SV058004B</a>	1	68,0 x 45,0 x 12,0 mm	
<a href="#">SA058004</a>	1		
<a href="#">KD058004A</a>	1	Length: 440,0 mm	
<a href="#">KD058004B</a>	1	Length: 450,0 mm	
			
<a href="#">CB058004</a>	10		
<a href="#">VP058004</a>	1		
<a href="#">BB058004</a>	8		
<a href="#">BM058004</a>	8		

REF	Qty./eng.	Remarks	
			
<a href="#">OP058004</a>	1		
<a href="#">WP058004A</a>	1	Total height: 140,0 mm Total length: 254,0 mm	Without gasket 
<a href="#">WP058004B</a>	1	Total height: 130,0 mm Total length: 225,0 mm	Without gasket 
<a href="#">WP058004C</a>	1	Total height: 130,0 mm Total length: 264,0 mm	Without gasket 
<a href="#">WP058004D</a>	1	Total height: 123,0 mm Total length: 196,0 mm	With gasket 
<a href="#">RW058004A</a>	1		
<a href="#">RW058004B</a>	1		
<a href="#">RW058004C</a>	1		
			
<a href="#">NA058004A</a>	1	For a sprocket, chain	
<a href="#">NA058004B</a>	1	For a gear	



Used for: TOYOTA

Used for: TOYOTA 5R

Specifications: **Gasoline** · **4 cylinders** · Bore: **88,00 mm**

In: **TOYOTA**

REF	Qty./eng.	Remarks	
<a href="#">NT058004A</a>	1	Sprocket camshaft, chain	
<a href="#">NT058004B</a>	1		
<a href="#">KT058004A</a>	1	Number of teeth: 25	
<a href="#">KT058004B</a>	1	Sprocket, number of teeth: 21	
<a href="#">KT058004C</a>	1	Number of teeth: 21	
<a href="#">TT058004</a>	1		
<a href="#">HT058004</a>	1		
<a href="#">DK058004</a>	1		
<a href="#">SK058004</a>	1		
<a href="#">OF058004</a>	1		
<a href="#">B0058004A</a>	4		

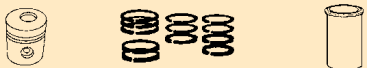



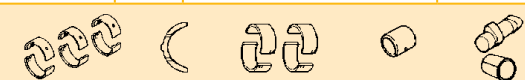
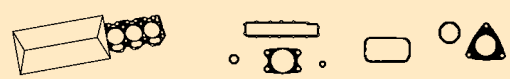




Used for: **TOYOTA F**

Specifications: **Gasoline · 6 cylinders · Bore: 90,00 mm**

In: **TOYOTA**

REF	Qty./eng.	Remarks
		
<a href="#">PI058018STDA</a>	6	STD; rings 3 - 3 - 4 - 4 mm
<a href="#">PI058018025A</a>	6	0,250 mm oversize Rings 3 - 3 - 4 - 4 mm
<a href="#">PI058018050A</a>	6	0,500 mm oversize Rings 3 - 3 - 4 - 4 mm
<a href="#">PI058018075A</a>	6	0,750 mm oversize Rings 3 - 3 - 4 - 4 mm
<a href="#">PI058018100A</a>	6	1,000 mm oversize Rings 3 - 3 - 4 - 4 mm
<a href="#">PI058018125A</a>	6	1,250 mm oversize Rings 3 - 3 - 4 - 4 mm
<a href="#">PI058018150A</a>	6	1,500 mm oversize Rings 3 - 3 - 4 - 4 mm
<a href="#">PI058018STDB</a>	6	STD; rings 2 - 2,5 - 4 - 4
<a href="#">PI058018025B</a>	6	0,250 mm oversize Rings 2 - 2,5 - 4 - 4 mm
<a href="#">PI058018050B</a>	6	0,500 mm oversize Rings 2 - 2,5 - 4 - 4 mm
<a href="#">PI058018075B</a>	6	0,750 mm oversize Rings 2 - 2,5 - 4 - 4 mm
<a href="#">PI058018100B</a>	6	1,000 mm oversize Rings 2 - 2,5 - 4 - 4 mm
<a href="#">PI058018125B</a>	7	1,250 mm oversize Rings 2 - 2,5 - 4 - 4 mm
<a href="#">PI058018150B</a>	6	1,500 mm oversize Rings 2 - 2,5 - 4 - 4 mm
<a href="#">SE058018STDA</a>	1	STD, for piston A
<a href="#">SE058018025A</a>	1	0,250 mm oversize For piston A
<a href="#">SE058018050A</a>	1	0,500 mm oversize For piston A
<a href="#">SE058018075A</a>	1	0,750 mm oversize For piston A
<a href="#">SE058018100A</a>	1	1,000 mm oversize For piston A
<a href="#">SE058018125A</a>	1	1,250 mm oversize For piston A
<a href="#">SE058018150A</a>	1	1,500 mm oversize For piston A
<a href="#">SE058018STDB</a>	1	STD, for piston B
<a href="#">SE058018025B</a>	1	0,250 mm oversize For piston B
<a href="#">SE058018050B</a>	1	0,500 mm oversize For piston B
<a href="#">SE058018075B</a>	1	0,750 mm oversize For piston B
<a href="#">SE058018100B</a>	1	1,000 mm oversize For piston B
<a href="#">SE058018125B</a>	2	1,250 mm oversize For piston B
<a href="#">SE058018150B</a>	1	1,500 mm oversize For piston B
<a href="#">CH058018160</a>	6	1,600 mm oversize
<a href="#">CH058018180</a>	6	1,800 mm oversize
<a href="#">CH058018200</a>	6	2,000 mm oversize

REF	Qty./eng.	Remarks
		
<a href="#">IK058018</a>	6	
<a href="#">UK058018</a>	6	
<a href="#">KS058018</a>	12	
<a href="#">IG058018</a>	6	
<a href="#">UG058018</a>	6	
		
<a href="#">HL058018STDA</a>	1	STD
<a href="#">HL058018025A</a>	1	0,250 mm undersize
<a href="#">HL058018050A</a>	1	0,500 mm undersize
<a href="#">HL058018075A</a>	1	0,750 mm undersize
<a href="#">HL058018100A</a>	1	1,000 mm undersize
<a href="#">HL058018STDB</a>	1	STD
<a href="#">HL058018025B</a>	1	0,250 mm undersize
<a href="#">HL058018050B</a>	1	0,500 mm undersize
<a href="#">HL058018075B</a>	1	0,750 mm undersize
<a href="#">HL058018100B</a>	1	1,000 mm undersize
<a href="#">6BL058018STD</a>	1	STD shaft dia: 54,000 mm
<a href="#">6BL058018025</a>	1	0,250 mm undersize
<a href="#">6BL058018050</a>	1	0,500 mm undersize
<a href="#">6BL058018075</a>	1	0,750 mm undersize
<a href="#">6BL058018005</a>	1	0,050 mm undersize
<a href="#">6BL058018100</a>	1	1,000 mm undersize
<a href="#">NL058018STD</a>	1	STD
<a href="#">NL058018025</a>	1	0,250 mm undersize
<a href="#">NL058018050</a>	1	0,500 mm undersize
<a href="#">NL0580180125</a>	1	0,125 mm undersize
		
<a href="#">KP058018A</a>	1	With front and rear oil seals, with valve seals
<a href="#">KP058018B</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP058018A</a>	1	
<a href="#">BP058018B</a>	1	
<a href="#">JC058018A</a>	1	
<a href="#">JC058018B</a>	1	



Used for: TOYOTA

Used for: TOYOTA F

Specifications: **Gasoline** · **6 cylinders** · Bore: **90,00 mm**

In: **TOYOTA**

REF	Qty./eng.	Remarks	
<a href="#">KA058018</a>	12		
<a href="#">SA058018</a>	1		
<a href="#">KD058018</a>	1		
<a href="#">BB058018</a>	12		
<a href="#">BM058018</a>	12		
<a href="#">OP058018</a>	1		
<a href="#">WP058018</a>	1	Total height: 142,0 mm Total length: 220,0 mm	Without gasket
<a href="#">RW058018</a>	1		
<a href="#">NA058018</a>	1		
<a href="#">NT058018</a>	1		
<a href="#">KT058018</a>	1		
<a href="#">OF058018</a>	1		
<a href="#">B0058018</a>	6		



Used for: **TOYOTA H**

Specifications: **Diesel · 6 cylinders · Bore: 88,00 mm**

In: **TOYOTA**

Used for: **TOYOTA**

REF	Qty./eng.	Remarks	
<a href="#">6PI058012STDA</a>	1	STD; 5 rings/piston	
<a href="#">6PI058012100A</a>	1	1,000 mm oversize 5 rings/piston	
<a href="#">6PI058012STDB</a>	1	STD; 3 rings/piston	
<a href="#">6PI058012100B</a>	1	1,000 mm oversize 3 rings/piston	
<a href="#">SE058012STDA</a>	1	STD; for piston A	
<a href="#">SE058012100A</a>	1	1,000 mm oversize For piston A	
<a href="#">SE058012STDB</a>	1	STD; for piston B	
<a href="#">SE058012100B</a>	1	1,000 mm oversize For piston B	
<a href="#">CH058012A</a>	6	Finished, with collar	
<a href="#">CH058012B</a>	6	Semi-finished, without collar	
<a href="#">IK058012</a>	6		
<a href="#">UK058012</a>	6		
<a href="#">KS058012STD</a>	12	STD	
<a href="#">KS058012005</a>	12	0,050 mm oversize	
<a href="#">IG058012</a>	6		
<a href="#">UG058012</a>	6		
<a href="#">HL058012STD</a>	1	STD shaft dia: 70,000 mm	
<a href="#">HL058012025</a>	1	0,250 mm undersize	
<a href="#">HL058012050</a>	1	0,500 mm undersize	
<a href="#">HL058012075</a>	1	0,750 mm undersize	
<a href="#">HL058012100</a>	1	1,000 mm undersize	
<a href="#">AL058012STD</a>	1	STD shaft dia: 76,250 mm	
<a href="#">AL0580120125</a>	1	0,125 mm undersize	
<a href="#">AL0580120250</a>	1	0,250 mm undersize	
<a href="#">6BL058012STD</a>	1	STD shaft dia: 55,000 mm	
<a href="#">6BL058012025</a>	1	0,250 mm undersize	
<a href="#">6BL058012050</a>	1	0,500 mm undersize	
<a href="#">6BL058012100</a>	1	1,000 mm undersize	
<a href="#">PB058012</a>	6		
<a href="#">NL058012STDA</a>	1	140° between holes	
<a href="#">NL0580120125A</a>	1	0,125 mm undersize	
<a href="#">NL0580120250A</a>	1	0,250 mm undersize	
<a href="#">NL0580120500A</a>	1	0,500 mm undersize	
<a href="#">NL058012STDB</a>	1	80° between holes	
<a href="#">NL0580120125B</a>	1	0,125 mm undersize	
<a href="#">NL0580120250B</a>	1	0,250 mm undersize	




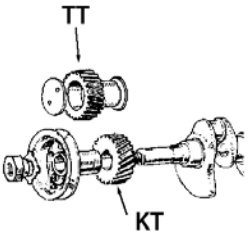

REF	Qty./eng.	Remarks	
<a href="#">KP058012A</a>	1	With front and rear oil seals, with valve seals	
<a href="#">KP058012B</a>	1	With front and rear oil seals, with valve seals	
<a href="#">KP058012C</a>	1	With front and rear oil seals, with valve seals	
<a href="#">BP058012A</a>	1		
<a href="#">BP058012C</a>	1		
<a href="#">JC058012A</a>	1		
<a href="#">JC058012C</a>	1		
<a href="#">KA058012</a>	12		
<a href="#">KD058012</a>	1		
<a href="#">CB058012A</a>	6	Thread: M10 Total length: 115,5 mm	
<a href="#">CB058012B</a>	14	Thread: M13 Total length: 123,0 mm	
<a href="#">VP058012</a>	1		
<a href="#">BB058012</a>	12		
<a href="#">BM058012</a>	12		
<a href="#">OP058012</a>	1		
<a href="#">WP058012A</a>	1	Total height: 145,0 mm Total length: 267,0 mm	 With gasket



Used for: **TOYOTA H**

Specifications: **Diesel · 6 cylinders · Bore: 88,00 mm**

In: **TOYOTA**

REF	Qty./eng.	Remarks	
<a href="#">WP058012C</a>	1	Total height: 145,0 mm Total length: 280,0 mm Open	Without gasket 
<a href="#">RW058012A</a>	1	For WPA	
<a href="#">RW058012B</a>	1	For WPB and WPC	
			
<a href="#">NA058012</a>	1		
<a href="#">NT058012</a>	1		NT 
<a href="#">KT058012</a>	1		
<a href="#">TT058012</a>	1		
			
<a href="#">QF058012</a>	1		
<a href="#">GB058012A</a>	6	22,5 V, thread: M14 Total length: 92,0 mm	
<a href="#">GB058012B</a>	6	19 V, thread: M10 Total length: 101,0 mm	
<a href="#">GB058012C</a>	6	20,5 V, thread: M10 Total length: 98,0 mm	
<a href="#">IT058012</a>	6		



Used for: **TOYOTA V1502**

Specifications: **Diesel · 4 cylinders · Bore: 76,00 mm**

In: **TOYOTA, NISSAN**

REF	Qty./eng.	Remarks
<a href="#">4PI058013STD</a>	1	STD
<a href="#">4PI058013050</a>	1	0,500 mm oversize
<a href="#">SE058013STD</a>	1	STD
<a href="#">SE058013050</a>	1	0,500 mm oversize
<a href="#">CH058013</a>	4	Semi-finished
<a href="#">IK058013</a>	4	
<a href="#">UK058013</a>	4	
<a href="#">KS058013</a>	8	
<a href="#">IG058013</a>	4	
<a href="#">UG058013</a>	4	
<a href="#">HL058013STDA</a>	1	Set of 4 pair, STD shaft dia: 52,0 mm
<a href="#">HL058013020A</a>	1	0.020" undersize
<a href="#">HL058013040A</a>	1	0.040" undersize
<a href="#">HL058013STDB</a>	1	Front bearing, STD shaft dia: 52,0 mm
<a href="#">HL058013020B</a>	1	0.020" undersize
<a href="#">HL058013040B</a>	1	0.040" undersize
<a href="#">2AL058013STD</a>	2	STD
<a href="#">2AL058013020</a>	2	0.020" undersize
<a href="#">2AL058013040</a>	2	0.040" undersize
<a href="#">4BL058013STD</a>	1	STD shaft dia: 44,05 mm
<a href="#">4BL058013020</a>	1	0.020" undersize
<a href="#">4BL058013040</a>	1	0.040" undersize
<a href="#">PB058013</a>	4	
<a href="#">KP058013</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP058013</a>	1	

REF	Qty./eng.	Remarks
<a href="#">JC058013</a>	1	
<a href="#">KA058013</a>	8	
<a href="#">SV058013</a>	1	
<a href="#">SA058013</a>	1	
<a href="#">KD058013</a>	1	
<a href="#">CB058013</a>	16	
<a href="#">VP058013</a>	1	
<a href="#">BB058013</a>	8	
<a href="#">OP058013</a>	1	
<a href="#">WP058013A</a>	1	Total height: 112,0 mm Total length: 303,0 mm d: 62,8 mm With gasket 
<a href="#">WP058013B</a>	1	Total height: 117,5 mm Total length: 108,0 mm d: 52,3 mm Without gasket 
<a href="#">WP058013C</a>	1	Total height: 115,6 mm Total length: 118,0 mm d: 63,0 mm Without gasket 



Used for: TOYOTA

Used for: **TOYOTA V1502**

Specifications: **Diesel · 4 cylinders · Bore: 76,00 mm**

In: **TOYOTA, NISSAN**

REF	Qty./eng.	Remarks	
<a href="#">NA058013</a>	1	With gear	
<a href="#">NT058013</a>	1		
<a href="#">KT058013</a>	1		
<a href="#">TT058013</a>	1		
<a href="#">OF058013A</a>	1	Height: 133,0 mm	
<a href="#">OF058013B</a>	1	Height: 118,0 mm	
<a href="#">GB058013</a>	4		
<a href="#">IT058013</a>	4		





Used for: TOYOTA V1512

Specifications: Diesel · 4 cylinders · Bore: 76,30 mm

In: TOYOTA

Used for: TOYOTA

REF	Qty./eng.	Remarks
<a href="#">4PI058015STD</a>	1	STD
<a href="#">4PI058015050</a>	1	0,500 mm oversize
<a href="#">1SE058015STD</a>	4	STD
<a href="#">1SE058015050</a>	4	0,500 mm oversize
<a href="#">CH058015</a>	4	Semi-finished
<a href="#">IK058015</a>	4	
<a href="#">UK058015</a>	4	
<a href="#">KS058015</a>	8	
<a href="#">IG058015</a>	4	
<a href="#">UG058015</a>	4	
<a href="#">HL058015STDA</a>	1	STD set of 4 pair
<a href="#">HL058015020A</a>	1	0.020" undersize
<a href="#">HL058015040A</a>	1	0.040" undersize
<a href="#">HL058015STDB</a>	1	STD; front bearing
<a href="#">HL058015020B</a>	1	0.020" undersize
<a href="#">HL058015040B</a>	1	0.040" undersize
<a href="#">2AL058015STD</a>	2	STD
<a href="#">2AL058015020</a>	2	0.020" undersize
<a href="#">2AL058015040</a>	2	0.040" undersize
<a href="#">4BL058015STD</a>	1	STD
<a href="#">4BL058015020</a>	1	0.020" undersize
<a href="#">4BL058015040</a>	1	0.040" undersize
<a href="#">PB058015</a>	4	
<a href="#">KP058015</a>	1	With front and rear oil seals, with valve seals, with JCA
<a href="#">BP058015</a>	1	With JCA

REF	Qty./eng.	Remarks
<a href="#">JC058015A</a>	1	
<a href="#">JC058015B</a>	1	
<a href="#">KA058015</a>	8	
<a href="#">SV058015</a>	1	
<a href="#">SA058015</a>	1	
<a href="#">KD058015</a>	1	
<a href="#">CB058015</a>	18	
<a href="#">VP058015</a>	1	
<a href="#">BB058015</a>	8	
<a href="#">OP058015</a>	1	
<a href="#">WP058015</a>	1	Total height: 117,5 mm Total length: 108,0 mm Without gasket 
<a href="#">NA058015</a>	1	With gear
<a href="#">NT058015</a>	1	
<a href="#">KT058015</a>	1	
<a href="#">TT058015</a>	1	
<a href="#">OF058015</a>	1	
<a href="#">GB058015</a>	4	
<a href="#">IT058015</a>	4	



Used for: **TOYOTA V1512T**

Specifications: **Diesel · 4 cylinders · Bore: 76,30 mm**

In: **TOYOTA**

REF	Qty./eng.	Remarks
<a href="#">4PI058017STD</a>	1	STD
<a href="#">4PI058017050</a>	1	0,500 mm oversize
<a href="#">1SE058017STD</a>	4	STD
<a href="#">1SE058017050</a>	4	0,500 mm oversize
<a href="#">CH058017</a>	4	Semi-finished
<a href="#">IK058017</a>	4	
<a href="#">UK058017</a>	4	
<a href="#">KS058017</a>	8	
<a href="#">IG058017</a>	4	
<a href="#">UG058017</a>	4	
<a href="#">HL058017STDA</a>	1	STD; set of 4 pair
<a href="#">HL058017020A</a>	1	0.020" undersize
<a href="#">HL058017040A</a>	1	0.040" undersize
<a href="#">HL058017STDB</a>	1	STD; front bearing
<a href="#">HL058017020B</a>	1	0.020" undersize; front
<a href="#">HL058017040B</a>	1	0.040" undersize; front
<a href="#">2AL058017STD</a>	2	STD
<a href="#">2AL058017020</a>	2	0.020" undersize
<a href="#">2AL058017040</a>	2	0.040" undersize
<a href="#">4BL058017STD</a>	1	STD
<a href="#">4BL058017020</a>	1	0.020" undersize
<a href="#">4BL058017040</a>	1	0.040" undersize
<a href="#">PB058017</a>	4	
<a href="#">KP058017</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP058017</a>	1	

REF	Qty./eng.	Remarks
<a href="#">JC058017</a>	1	
<a href="#">KA058017</a>	8	
<a href="#">SV058017</a>	1	
<a href="#">SA058017</a>	1	
<a href="#">KD058017</a>	1	
<a href="#">CB058017</a>	18	
<a href="#">BB058017</a>	8	
<a href="#">OP058017</a>	1	
<a href="#">WP058017</a>	1	Total height: 117,5 mm Total length: 108,0 mm Without gasket 
<a href="#">NA058017</a>	1	With gear
<a href="#">NT058017</a>	1	
<a href="#">KT058017</a>	1	
<a href="#">OF058017</a>	1	
<a href="#">GB058017</a>	4	
<a href="#">IT058017</a>	4	



Used for: **TOYOTA VT1502**

Specifications: **Diesel · 4 cylinders · Bore: 76,00 mm**

In: **TOYOTA, TCM**

REF	Qty./eng.	Remarks
<a href="#">4PI058014STD</a>	1	STD
<a href="#">4PI058014050</a>	1	0,500 mm oversize
<a href="#">SE058014STD</a>	1	STD
<a href="#">SE058014050</a>	1	0,500 mm oversize
<a href="#">CH058014</a>	4	Semi-finished
<a href="#">IK058014</a>	4	
<a href="#">UK058014</a>	4	
<a href="#">KS058014</a>	8	
<a href="#">IG058014</a>	4	
<a href="#">UG058014</a>	4	
<a href="#">HL058014STDA</a>	1	Set of 4 pair, STD shaft dia: 52,0 mm
<a href="#">HL058014020A</a>	1	0.020" undersize
<a href="#">HL058014040A</a>	1	0.040" undersize
<a href="#">HL058014STDB</a>	1	Front bearing, STD shaft dia: 52,0 mm
<a href="#">HL058014020B</a>	1	0.020" undersize; front
<a href="#">HL058014040B</a>	1	0.040" undersize; front
<a href="#">2AL058014STD</a>	2	STD
<a href="#">2AL058014020</a>	2	0.020" undersize
<a href="#">2AL058014040</a>	2	0.040" undersize
<a href="#">4BL058014STD</a>	1	STD shaft dia: 44,05 mm
<a href="#">4BL058014020</a>	1	0.020" undersize
<a href="#">4BL058014040</a>	1	0.040" undersize
<a href="#">PB058014</a>	4	
<a href="#">KP058014</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP058014</a>	1	

REF	Qty./eng.	Remarks
<a href="#">JC058014</a>	1	
<a href="#">KA058014</a>	8	
<a href="#">SV058014</a>	1	
<a href="#">SA058014</a>	1	
<a href="#">KD058014</a>	1	
<a href="#">CB058014</a>	16	
<a href="#">VP058014</a>	1	
<a href="#">BB058014</a>	8	
<a href="#">OP058014</a>	1	
<a href="#">WP058014A</a>	1	Total height: 112,0 mm Total length: 303,0 mm d: 62,8 mm With gasket 
<a href="#">WP058014B</a>	1	Total height: 117,5 mm Total length: 108,0 mm d: 52,3 mm Without gasket 
<a href="#">NA058014</a>	1	With gear 



Used for: TOYOTA

Used for: **TOYOTA VT1502**

Specifications: **Diesel · 4 cylinders · Bore: 76,00 mm**

In: **TOYOTA, TCM**

REF	Qty./ eng.	Remarks
<a href="#">NT058014</a>	1	
<a href="#">KT058014</a>	1	
<a href="#">TT058014</a>	1	
<a href="#">OF058014</a>	1	
<a href="#">GB058014</a>	4	
<a href="#">IT058014</a>	4	



USED FOR  
**VOLVO**





Used for: VOLVO

Used for: **VOLVO TD100 G**

Specifications: **Diesel · 6 cylinders · Bore: 4.750" (120,64 mm)**

In: **KALMAR, SVE TRUCK, VOLVO, FANTUZZI**

REF	Qty./eng.	Remarks
<a href="#">PP812003STD</a>	6	STD
<a href="#">PP812003005</a>	6	0,050 mm oversize
<a href="#">PP812003020</a>	6	0,200 mm oversize
<a href="#">PC812003</a>	12	
<a href="#">1SE812003</a>	6	STD
<a href="#">AS812003</a>	6	
<a href="#">IK812003</a>	6	
<a href="#">UK812003</a>	6	
<a href="#">KS812003</a>	12	
<a href="#">IG812003</a>	6	
<a href="#">UG812003</a>	6	
<a href="#">2HL812003STD</a>	7	STD shaft dia: 99,977 - 100,000 mm
<a href="#">2HL812003025</a>	7	0,250 mm undersize
<a href="#">2HL812003050</a>	7	0,500 mm undersize
<a href="#">2HL812003075</a>	7	0,750 mm undersize
<a href="#">2HL812003100</a>	7	1,000 mm undersize
<a href="#">2HL812003125</a>	7	1,250 mm undersize
<a href="#">AL812003STD</a>	1	STD thickness: 2,34 mm
<a href="#">AL812003010</a>	1	0,100 mm undersize
<a href="#">AL812003020</a>	1	0,200 mm undersize
<a href="#">AL812003030</a>	1	0,300 mm undersize
<a href="#">BL812003STD</a>	6	STD shaft dia: 86,001 - 86,017 mm
<a href="#">BL812003025</a>	6	0,250 mm undersize
<a href="#">BL812003050</a>	6	0,500 mm undersize
<a href="#">BL812003075</a>	6	0,750 mm undersize
<a href="#">BL812003100</a>	6	1,000 mm undersize
<a href="#">BL812003125</a>	6	1,250 mm undersize
<a href="#">PB812003</a>	6	
<a href="#">NL812003</a>	1	
<a href="#">KP812003</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP812003</a>	1	

REF	Qty./eng.	Remarks
<a href="#">JC812003</a>	1	
<a href="#">SV812003</a>	1	
<a href="#">SA812003</a>	1	
<a href="#">KD812003A</a>	1	Upper
<a href="#">KD812003B</a>	1	Lower
<a href="#">CB812003</a>	24	
<a href="#">BB812003</a>	12	
<a href="#">OP812003</a>	1	
<a href="#">WP812003</a>	1	Total height: 188,0 mm Total length: 320,0 mm With gasket
<a href="#">RW812003</a>	1	
<a href="#">NA812003</a>	1	Without gear
<a href="#">NT812003</a>	1	
<a href="#">KT812003</a>	1	
<a href="#">TT812003A</a>	1	Compressor





Used for: **VOLVO TD100 G**

Specifications: **Diesel · 6 cylinders · Bore: 4.750" (120,64 mm)**

In: **KALMAR, SVE TRUCK, VOLVO, FANTUZZI**

Used for: VOLVO

REF	Qty./eng.	Remarks	
<a href="#">TT812003B</a>	1	Idler	
<a href="#">TT812003C</a>	1	Oil pump	
<a href="#">TT812003D</a>	1	Injection pump	
<a href="#">OF812003</a>	1		
<a href="#">GB812003</a>	1	Starter element	
<a href="#">IT812003</a>	6		






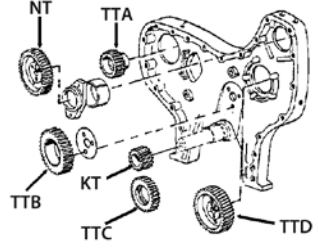




Used for: **VOLVO TD61 AW**

Specifications: **Diesel · 6 cylinders · Bore: 3.875" (98,43 mm)**

In: **KALMAR, SVE TRUCK**

REF	Qty./eng.	Remarks
		
<a href="#">PP812001</a>	6	
<a href="#">PC812001</a>	12	
<a href="#">1SE812001</a>	6	STD
<a href="#">AS812001</a>	6	
		
<a href="#">IK812001</a>	6	
<a href="#">UK812001</a>	6	
<a href="#">KS812001</a>	12	
<a href="#">KG812001</a>	12	
		
<a href="#">2HL812001STD</a>	1	STD; shaft dia: 76,149 - 76,162 mm
<a href="#">2HL812001025</a>	1	0,250 mm undersize
<a href="#">2HL812001050</a>	1	0,500 mm undersize
<a href="#">2HL812001075</a>	1	0,750 mm undersize
<a href="#">2HL812001100</a>	1	1,000 mm undersize
<a href="#">2HL812001125</a>	1	1,250 mm undersize
<a href="#">AL812001STD</a>	1	STD; thickness: 3,07 mm
<a href="#">AL812001010</a>	1	0,100 mm undersize
<a href="#">AL812001020</a>	1	0,200 mm undersize
<a href="#">AL812001030</a>	1	0,300 mm undersize
<a href="#">BL812001STD</a>	6	STD; shaft dia: 63,44 - 63,462 mm
<a href="#">BL812001025</a>	6	0,250 mm undersize
<a href="#">BL812001050</a>	6	0,500 mm undersize
<a href="#">BL812001075</a>	6	0,750 mm undersize
<a href="#">BL812001100</a>	6	1,000 mm undersize
<a href="#">BL812001125</a>	6	1,250 mm undersize
<a href="#">PB812001</a>	6	
<a href="#">NL812001</a>	1	
		
<a href="#">KP812001</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP812001</a>	1	
<a href="#">JC812001</a>	1	

REF	Qty./eng.	Remarks
<a href="#">SV812001</a>	1	
<a href="#">SA812001</a>	1	
<a href="#">KD812001</a>	1	
		
<a href="#">CB812001</a>	20	
<a href="#">VP812001</a>	1	
<a href="#">BB812001</a>	12	
		
<a href="#">OP812001</a>	1	
<a href="#">WP812001</a>	1	Total height: 160,0 mm Total length: 280,0 mm Without gasket
		
<a href="#">RW812001</a>	1	
		
<a href="#">NA812001</a>	1	Without gear
		
<a href="#">NT812001</a>	1	
<a href="#">KT812001</a>	1	
<a href="#">TT812001A</a>	1	Compressor
<a href="#">TT812001B</a>	1	Idler
<a href="#">TT812001C</a>	1	Oil pump
<a href="#">TT812001D</a>	1	Injection pump
		
<a href="#">OF812001</a>	1	
<a href="#">GB812001</a>	1	Starter element
		
<a href="#">IT812001</a>	6	

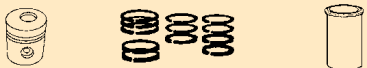







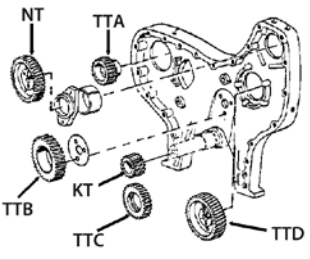


Used for: VOLVO TD71 AW

Specifications: Diesel · 6 cylinders · Bore: 4.125" (104,78 mm)

In: KALMAR, SVE TRUCK, FANTUZZI, VOLVO

Used for: VOLVO

REF	Qty./eng.	Remarks
		
<a href="#">PP812002</a>	6	
<a href="#">PC812002</a>	12	
<a href="#">1SE812002</a>	6	STD
<a href="#">AS812002</a>	6	
		
<a href="#">IK812002</a>	6	
<a href="#">UK812002</a>	6	
<a href="#">KS812002</a>	12	
<a href="#">KG812002</a>	12	
		
<a href="#">2HL812002STD</a>	7	STD shaft dia: 82,535 - 82,550 mm
<a href="#">2HL812002050</a>	7	0,500 mm undersize
<a href="#">2HL812002075</a>	7	0,750 mm undersize
<a href="#">2HL812002100</a>	7	1,000 mm undersize
<a href="#">2HL812002125</a>	7	1,250 mm undersize
<a href="#">AL812002STD</a>	1	STD thickness: 2,34 mm
<a href="#">AL812002010</a>	1	0,100 mm undersize
<a href="#">AL812002020</a>	1	0,200 mm undersize
<a href="#">AL812002030</a>	1	0,300 mm undersize
<a href="#">BL812002STD</a>	6	STD shaft dia: 69,837 - 69,850 mm
<a href="#">BL812002025</a>	6	0,250 mm undersize
<a href="#">BL812002050</a>	6	0,500 mm undersize
<a href="#">BL812002075</a>	6	0,750 mm undersize
<a href="#">BL812002100</a>	6	1,000 mm undersize
<a href="#">BL812002125</a>	6	1,250 mm undersize
<a href="#">PB812002</a>	6	
<a href="#">NL812002</a>	1	
		
<a href="#">KP812002</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP812002</a>	1	
<a href="#">JC812002</a>	1	
<a href="#">SV812002</a>	1	

REF	Qty./eng.	Remarks
<a href="#">SA812002</a>	1	
<a href="#">KD812002</a>	1	
		
<a href="#">CB812002</a>	20	
<a href="#">VP812002</a>	1	
<a href="#">BB812002</a>	12	
		
<a href="#">OP812002</a>	1	
<a href="#">WP812002</a>	1	Total height: 160,0 mm Total length: 280,0 mm Without gasket
		
<a href="#">RW812002</a>	1	
		
		
<a href="#">NA812002</a>	1	Without gear
<a href="#">NT812002</a>	1	
<a href="#">KT812002</a>	1	
<a href="#">TT812002A</a>	1	Compressor
<a href="#">TT812002B</a>	1	Idler
<a href="#">TT812002D</a>	1	Injection pump
<a href="#">TT812002C</a>	1	Oil pump
		
<a href="#">OF812002</a>	1	
<a href="#">GB812002</a>	1	Starter element
		
<a href="#">IT812002</a>	6	



## NOTES

A series of horizontal dotted lines for taking notes.



**USED FOR  
VW**









Used for: VW

Used for: VW ADF - 026.2

Specifications: **Gasoline · 4 cylinders · Bore: 81,00 mm**

In: **LINDE 350, STILL, COMBILIFT**

REF	Qty./eng.	Remarks
<a href="#">1SE504002STD</a>	4	STD
<a href="#">1SE504002050</a>	4	0,500 mm oversize
<a href="#">PISE504002STD</a>	4	STD
<a href="#">PISE504002050</a>	4	0,500 mm oversize
<a href="#">IK504002A</a>	4	Stem dia: 8,0 mm, length: 98,2 mm
<a href="#">IK504002B</a>	4	Stem dia: 8,0 mm, length: 91,9 mm
<a href="#">IK504002C</a>	4	Stem dia: 7,0 mm, length: 91,9 mm
<a href="#">UK504002A</a>	4	Stem dia: 8,0 mm, length: 98,2 mm
<a href="#">UK504002B</a>	4	Stem dia: 8,0 mm, length: 91,0 mm
<a href="#">UK504002C</a>	4	Stem dia: 7,0 mm, length: 91,0 mm
<a href="#">KS504002A</a>	8	Length: 26,2 mm
<a href="#">KS504002B</a>	8	Length: 28,5 mm
<a href="#">KG504002A</a>	8	Dia: 8,0 mm, length: 42,0 mm
<a href="#">KG504002B</a>	8	Dia: 8,0 mm, length: 36,5 mm
<a href="#">KG504002C</a>	8	Dia: 7,0 mm, length: 36,5 mm
<a href="#">HL504002STDA</a>	1	STD; 2 pieces flanged
<a href="#">HL504002025A</a>	1	0,250 mm undersize 2 pcs flanged
<a href="#">HL504002050A</a>	1	0,500 mm undersize 2 pieces flanged
<a href="#">HL504002075A</a>	1	0,750 mm undersize 2 pieces flanged
<a href="#">HL504002STDB</a>	1	STD; straight
<a href="#">HL504002025B</a>	1	0,250 mm undersize; straight
<a href="#">HL504002050B</a>	1	0,500 mm undersize; straight
<a href="#">HL504002075B</a>	1	0,750 mm undersize; straight
<a href="#">AL504002STDB</a>	1	STD; to be used with HL model B
<a href="#">1BL504002STD</a>	8	STD
<a href="#">1BL504002025</a>	8	0,250 mm oversize
<a href="#">1BL504002050</a>	8	0,500 mm oversize
<a href="#">PB504002</a>	4	
<a href="#">BP504002</a>	1	With valve seals dia: 8,0 mm, JC: fiber, KD: cork
<a href="#">CP504002</a>	1	

REF	Qty./eng.	Remarks
<a href="#">JC504002A</a>	1	Fiber 
<a href="#">JC504002B</a>	1	Iron 
<a href="#">KA504002A</a>	8	Dia: 7,0 mm
<a href="#">KA504002B</a>	8	Dia: 8,0 mm
<a href="#">SV504002</a>	1	
<a href="#">SA504002</a>	1	
<a href="#">KD504002A</a>	1	Cork
<a href="#">KD504002B</a>	1	Rubber
<a href="#">CB504002</a>	10	
<a href="#">VP504002</a>	1	
<a href="#">BB504002</a>	8	
<a href="#">BM504002</a>	8	
<a href="#">OP504002</a>	1	
<a href="#">WP504002</a>	1	Total height: 220,0 mm Total length: 217,0 mm With gasket 
<a href="#">NA504002</a>	1	
<a href="#">NT504002</a>	1	
<a href="#">KT504002</a>	1	
<a href="#">SK504002</a>	1	
<a href="#">DR504002</a>	1	
<a href="#">OF504002</a>	1	
<a href="#">BO504002</a>	4	



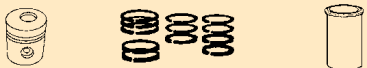
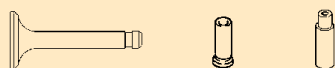
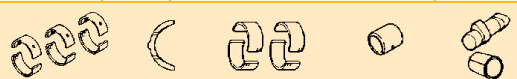
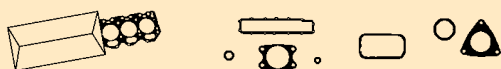
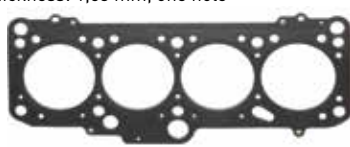




Used for: **VW ADG**

Specifications: **Diesel · 4 cylinders · Bore: 79,50 mm**

In: **LINDE 350, STILL, COMBILIFT**

Used for: **VW**

REF	Qty./eng.	Remarks
		
<a href="#">1SE504001STD</a>	4	STD
<a href="#">1SE504001025</a>	4	0,250 mm oversize
<a href="#">1SE504001050</a>	4	0,500 mm oversize
<a href="#">PISE504001STD</a>	4	STD
<a href="#">PISE504001025</a>	4	0,250 mm oversize
<a href="#">PISE504001050</a>	4	0,500 mm oversize
		
<a href="#">IK504001</a>	4	
<a href="#">UK504001</a>	4	
<a href="#">KS504001</a>	8	
<a href="#">KG504001</a>	8	
		
<a href="#">HL504001STDA</a>	1	STD; 2 pieces flanged
<a href="#">HL504001025A</a>	1	0,250 mm undersize; 2 pieces flanged
<a href="#">HL504001050A</a>	1	0,500 mm undersize; 2 pieces flanged
<a href="#">HL504001075A</a>	1	0,750 mm undersize; 2 pieces flanged
<a href="#">HL504001STDB</a>	1	STD; straight
<a href="#">HL504001025B</a>	1	0,250 mm undersize; straight
<a href="#">HL504001050B</a>	1	0,500 mm undersize; straight
<a href="#">HL504001075B</a>	1	0,750 mm undersize; straight
<a href="#">AL504001STDB</a>	1	STD; to be used with HL model B
<a href="#">1BL504001STD</a>	8	STD
<a href="#">4BL504001025</a>	1	0,250 mm oversize
<a href="#">4BL504001050</a>	1	0,500 mm oversize
<a href="#">PB504001</a>	4	
		
<a href="#">BP504001</a>	1	
<a href="#">CP504001</a>	1	
<a href="#">JC504001A</a>	1	Thickness: 1,53 mm, one hole 
<a href="#">JC504001B</a>	1	Thickness: 1,57 mm, two holes 

REF	Qty./eng.	Remarks
<a href="#">JC504001C</a>	1	Thickness: 1,61 mm, three holes 
<a href="#">KA504001</a>	8	
<a href="#">SV504001</a>	1	
<a href="#">SA504001</a>	1	
		
<a href="#">CB504001</a>	10	
<a href="#">VP504001</a>	1	
		
<a href="#">OP504001</a>	1	
<a href="#">WP504001A</a>	1	Total height: 115,0 mm Total length: 185,0 mm Fixing holes: 21,0 mm With gasket  
<a href="#">WP504001B</a>	1	Total height: 105,0 mm Total length: 185,0 mm Fixing holes: 30,0 mm With gasket  
		
<a href="#">NA504001</a>	1	
<a href="#">NT504001</a>	1	
<a href="#">KT504001</a>	1	
<a href="#">SK504001</a>	1	
<a href="#">DR504001</a>	1	
		
<a href="#">OF504001</a>		
<a href="#">GB504001</a>	4	
<a href="#">IT504001</a>	4	



Used for: VW

Used for: **VW ADK - 0685**

Specifications: **Diesel · 4 cylinders · Bore: 76,50 mm**

In: **LINDE 330, STILL R70-16**

REF	Qty./eng.	Remarks
<a href="#">PI504005STD</a>	4	STD
<a href="#">PI504005025</a>	4	0,250 mm oversize
<a href="#">PI504005050</a>	4	0,500 mm oversize
<a href="#">PI504005100</a>	4	1,000 mm oversize
<a href="#">1SE504005STD</a>	4	STD
<a href="#">1SE504005025</a>	4	0,250 mm oversize
<a href="#">1SE504005050</a>	4	0,500 mm oversize
<a href="#">1SE504005100</a>	4	1,000 mm oversize
<a href="#">CH504005</a>	4	Semi-finished
<a href="#">IK504005A</a>	4	Oversize length: 104,8 mm
<a href="#">IK504005B</a>	4	Oversize length: 95,0 mm
<a href="#">UK504005A</a>	4	Oversize length: 104,6 mm
<a href="#">UK504005B</a>	4	Oversize length: 95,0 mm
<a href="#">KS504005A</a>	8	Oversize length: 26,2 mm, hydraulic
<a href="#">KS504005B</a>	8	Oversize length: 28,5 mm
<a href="#">KG504005</a>	8	
<a href="#">HL504005STDA</a>	1	STD; 2 pieces flanged
<a href="#">HL504005025A</a>	1	0,250 mm undersize 2 pieces flanged
<a href="#">HL504005050A</a>	1	0,500 mm undersize 2 pieces flanged
<a href="#">HL504005075A</a>	1	0,750 mm undersize 2 pieces flanged
<a href="#">HL504005STDB</a>	1	STD; straight
<a href="#">HL504005025B</a>	1	0,250 mm undersize; straight
<a href="#">HL504005050B</a>	1	0,500 mm undersize; straight
<a href="#">HL504005075B</a>	1	0,750 mm undersize; straight
<a href="#">AL504005STDB</a>	1	STD; to be used with HL model B
<a href="#">1BL504005STD</a>	8	STD
<a href="#">4BL504005025</a>	1	0,250 mm oversize
<a href="#">4BL504005050</a>	1	0,500 mm oversize
<a href="#">PB504005</a>	4	
<a href="#">NL504005</a>	1	
<a href="#">BP504005</a>	1	Without JC
<a href="#">CP504005</a>	1	








REF	Qty./eng.	Remarks
<a href="#">JC504005A</a>	1	From 01/07/1985, engines with hydraulic valve tappets, 1 hole: 1,53 mm 
<a href="#">JC504005B</a>	1	From 01/07/1985, engines with hydraulic valve tappets, 2 holes: 1,57 mm 
<a href="#">JC504005C</a>	1	From 01/07/1985, engines with hydraulic valve tappets, 3 holes: 1,61 mm 
<a href="#">JC504005AM11</a>	1	Up to 31/01/1981, cylinder head bolts: M11, 1 notch, thickness: 1,4 mm 
<a href="#">JC504005BM11</a>	1	Up to 31/01/1981, cylinder head bolts: M11, 2 notches, thickness: 1,5 mm 
<a href="#">JC504005CM11</a>	1	Up to 31/01/1981, cylinder head bolts: M11, 3 notches, thickness: 1,6 mm 
<a href="#">JC504005AM12</a>	1	From 01/02/1981 up to 30/06/1985, cylinder head bolts: M12, 1 notch, thickness: 1,4 mm 




Used for: **VW ADK - 0685**

Specifications: **Diesel · 4 cylinders · Bore: 76,50 mm**

In: **LINDE 330, STILL R70-16**

REF	Qty./eng.	Remarks
<a href="#">JC504005BM12</a>	1	From 01/02/1981 up to 30/06/1985, cylinder head bolts: M12, 2 notches, thickness: 1,5 mm 
<a href="#">JC504005CM12</a>	1	From 01/02/1981 up to 30/06/1985, cylinder head bolts: M12, 1 notch, thickness: 1,6 mm 
<a href="#">SV504005</a>	1	
<a href="#">SA504005</a>	1	
<a href="#">KD504005A</a>	1	Cork
<a href="#">KD504005B</a>	1	Rubber
		
<a href="#">CB504005A</a>	10	M11 x 98,0 mm
<a href="#">CB504005B</a>	10	M12 x 115,0 mm
		
<a href="#">OP504005</a>	1	
<a href="#">WP504005</a>	1	Total height: 220,0 mm Total length: 217,0 mm With gasket 
		
<a href="#">NA504005</a>	1	
<a href="#">NT504005</a>	1	
<a href="#">KT504005</a>	1	
<a href="#">SK504005</a>	1	
<a href="#">DR504005</a>	1	

REF	Qty./eng.	Remarks
		
<a href="#">OF504005</a>	1	
<a href="#">GB504005A</a>	4	11 V, M12
<a href="#">GB504005B</a>	4	24 V, M12
<a href="#">IT504005</a>	4	

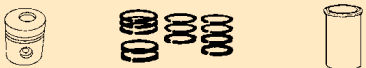

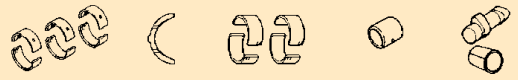
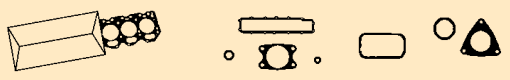




Used for: VW

Used for: VW BEF

Specifications: **Gasoline · 4 cylinders · Bore: 82,50 mm**

In: **LINDE 392/393**

REF	Qty./eng.	Remarks
		
<a href="#">1SE504006STD</a>	4	STD
<a href="#">PISE504006STD</a>	4	STD
<a href="#">PISE504006050</a>	4	0,500 mm oversize
<a href="#">PISE504006100</a>	4	1,000 mm oversize
		
<a href="#">IK504006</a>	4	
<a href="#">UK504006</a>	4	
<a href="#">KS504006</a>	8	
<a href="#">KG504006</a>	8	
		
<a href="#">2HL504006STD</a>	5	STD
<a href="#">2HL504006025</a>	5	0,250 mm oversize
<a href="#">2HL504006050</a>	5	0,500 mm oversize
<a href="#">2HL504006075</a>	5	0,750 mm oversize
<a href="#">AL504006STD</a>	1	STD
<a href="#">1BL504006STDA</a>	8	STD; with notch
<a href="#">1BL504006025A</a>	8	0,250 mm undersize With notch
<a href="#">1BL504006050A</a>	8	0,500 mm undersize With notch
<a href="#">BL504006STDB</a>	4	STD; without notch
<a href="#">BL504006025B</a>	4	0,250 mm undersize Without notch
<a href="#">BL504006050B</a>	4	0,500 mm undersize Without notch
<a href="#">PB504006</a>	4	
		
<a href="#">KP504006</a>	1	With JC thickness: 1,2 mm, valve stem seals
<a href="#">BP504006</a>	1	With JC thickness: 1,2 mm
<a href="#">CP504006</a>	1	
<a href="#">JC504006</a>	1	
<a href="#">KA504006</a>	8	
<a href="#">SV504006</a>	1	
<a href="#">SA504006</a>	1	
		
<a href="#">CB504006</a>	10	

REF	Qty./eng.	Remarks
<a href="#">BB504006</a>	8	
<a href="#">BM504006</a>	8	
		
<a href="#">OP504006</a>	1	
<a href="#">WP504006</a>	1	Total height: 93,0 mm Total length: 103,0 mm Without gasket <div style="text-align: center;">  </div>
		
<a href="#">NA504006</a>	1	
<a href="#">NT504006</a>	1	
<a href="#">KT504006</a>	1	
<a href="#">SK504006</a>	1	
<a href="#">DR504006</a>	1	
		
<a href="#">OF504006</a>	1	
<a href="#">B0504006</a>	4	



Used for: **VW BEQ**

Specifications: **Diesel · 4 cylinders · Bore: 79,50 mm**

In: **LINDE 392**

Used for: **VW**

REF	Qty./eng.	Remarks
<a href="#">1SE504007STD</a>	4	STD
<a href="#">1SE504007050</a>	4	0,500 mm oversize
<a href="#">PISE504007STDA</a>	2	STD piston 1 and 2
<a href="#">PISE504007STDB</a>	2	STD piston 3 and 4
<a href="#">PISE504007050A</a>	2	0,500 mm oversize, piston 1 and 2
<a href="#">PISE504007050B</a>	2	0,500 mm oversize, piston 3 and 4
<a href="#">PISE504007100A</a>	2	1,000 mm oversize, piston 1 and 2
<a href="#">PISE504007100B</a>	2	1,000 mm oversize, piston 3 and 4
<a href="#">IK504007</a>	4	
<a href="#">UK504007</a>	4	
<a href="#">KS504007</a>	8	
<a href="#">KG504007</a>	8	
<a href="#">2HL504007STD</a>	5	STD
<a href="#">2HL504007025</a>	5	0,250 mm oversize
<a href="#">2HL504007050</a>	5	0,500 mm oversize
<a href="#">2HL504007075</a>	5	0,750 mm oversize
<a href="#">AL504007STD</a>	1	STD
<a href="#">1BL504007STD</a>	8	STD
<a href="#">1BL504007025</a>	8	0,250 mm oversize
<a href="#">1BL504007050</a>	8	0,500 mm oversize
<a href="#">1BL504007075</a>	8	0,750 mm oversize
<a href="#">PB504007</a>	4	
<a href="#">BP504007</a>	1	Without JC
<a href="#">CP504007</a>	1	
<a href="#">JC504007A</a>	1	1 hole: 1,55 mm
<a href="#">JC504007B</a>	1	2 holes: 1,63 mm

REF	Qty./eng.	Remarks
<a href="#">JC504007C</a>	1	3 holes: 1,71 mm
<a href="#">SV504007</a>	1	
<a href="#">SA504007</a>	1	
<a href="#">CB504007</a>	10	
<a href="#">BB504007</a>	8	
<a href="#">OP504007</a>	1	
<a href="#">WP504007</a>	1	Total height: 95,2 mm Total length: 103,0 mm
<a href="#">NA504007</a>	1	
<a href="#">NT504007</a>	1	
<a href="#">KT504007</a>	1	
<a href="#">OF504007</a>	1	
<a href="#">GB504007</a>	4	
<a href="#">IT504007</a>	4	



Used for: VW

Used for: **VW BEU**

Specifications: **Diesel · 4 cylinders · Bore: 79,50 mm**

In: **LINDE 392/393**

REF	Qty./eng.	Remarks
<a href="#">1SE504008STD</a>	4	STD
<a href="#">1SE504008050</a>	4	0,500 mm oversize
<a href="#">PISE504008STDA</a>	2	STD; piston 1 and 2
<a href="#">PISE504008STDB</a>	2	STD; piston 3 and 4
<a href="#">PISE504008050A</a>	2	0,500 mm oversize, piston 1 and 2
<a href="#">PISE504008050B</a>	2	0,500 mm oversize, piston 3 and 4
<a href="#">PISE504008100A</a>	2	1,000 mm oversize, piston 1 and 2
<a href="#">PISE504008100B</a>	2	1,000 mm oversize, piston 3 and 4
<a href="#">IK504008</a>	4	
<a href="#">UK504008</a>	4	
<a href="#">KS504008</a>	8	
<a href="#">KG504008</a>	8	
<a href="#">2HL504008STD</a>	5	STD
<a href="#">2HL504008025</a>	5	0,250 mm undersize
<a href="#">2HL504008050</a>	5	0,500 mm undersize
<a href="#">2HL504008075</a>	5	0,750 mm undersize
<a href="#">AL504008STD</a>	1	STD
<a href="#">1BL504008STD</a>	8	STD
<a href="#">1BL504008025</a>	8	0,250 mm oversize
<a href="#">1BL504008050</a>	8	0,500 mm oversize
<a href="#">1BL504008075</a>	8	0,750 mm oversize
<a href="#">PB504008</a>	4	
<a href="#">BP504008</a>	1	Without JC
<a href="#">CP504008</a>	1	
<a href="#">JC504008A</a>	1	1 hole: 1,55 mm 
<a href="#">JC504008B</a>	1	2 holes: 1,63 mm 

REF	Qty./eng.	Remarks
<a href="#">JC504008C</a>	1	3 holes: 1,71 mm 
<a href="#">SV504008</a>	1	
<a href="#">SA504008</a>	1	
<a href="#">CB504008</a>	10	
<a href="#">BB504008</a>	8	
<a href="#">OP504008</a>	1	
<a href="#">WP504008</a>	1	Total height: 95,2 mm Total length: 103,0 mm With gasket 
<a href="#">NA504008</a>	1	
<a href="#">NT504008</a>	1	
<a href="#">KT504008</a>	1	
<a href="#">SK504008</a>	1	
<a href="#">DR504008</a>	1	
<a href="#">OF504008</a>	1	
<a href="#">GB504008</a>	4	
<a href="#">IT504008</a>	4	





Used for: **VW BJC**

Specifications: **DIESEL · 4 cylinders · Bore: 79,50 mm**

In: **LINDE 394**

REF	Qty./eng.	Remarks
<a href="#">1SE504009STD</a>	4	STD
<a href="#">1SE504009050</a>	4	0,500 mm oversize
<a href="#">PISE504009STDA</a>	2	STD; piston 1 and 2
<a href="#">PISE504009STDB</a>	2	STD; piston 3 and 4
<a href="#">PISE504009050A</a>	2	0,500 mm oversize, piston 1 and 2
<a href="#">PISE504009050B</a>	2	0,500 mm oversize, piston 3 and 4
<a href="#">PISE504009100A</a>	2	1,000 mm oversize, piston 1 and 2
<a href="#">PISE504009100B</a>	2	1,000 mm oversize, piston 3 and 4
<a href="#">IK504009</a>	4	
<a href="#">UK504009</a>	4	
<a href="#">KS504009</a>	8	
<a href="#">KG504009</a>	8	
<a href="#">2HL504009STD</a>	5	STD
<a href="#">2HL504009025</a>	5	0,250 mm oversize
<a href="#">2HL504009050</a>	5	0,500 mm oversize
<a href="#">2HL504009075</a>	5	0,750 mm oversize
<a href="#">AL504009STD</a>	1	STD
<a href="#">1BL504009STD</a>	8	STD
<a href="#">1BL504009025</a>	8	0,250 mm oversize
<a href="#">1BL504009050</a>	8	0,500 mm oversize
<a href="#">1BL504009075</a>	8	0,750 mm oversize
<a href="#">PB504009</a>	4	
<a href="#">BP504009</a>	1	Without JC
<a href="#">CP504009</a>	1	
<a href="#">JC504009A</a>	1	1 hole: 1,55 mm 
<a href="#">JC504009B</a>	1	2 holes: 1,63 mm 

REF	Qty./eng.	Remarks
<a href="#">JC504009C</a>	1	3 holes: 1,71 mm 
<a href="#">SV504009</a>	1	
<a href="#">SA504009</a>	1	
<a href="#">CB504009</a>	10	
<a href="#">BB504009</a>	8	
<a href="#">OP504009</a>	1	
<a href="#">WP504009</a>	1	Total height: 95,2 mm Total length: 103,0 mm With gasket 
<a href="#">NA504009</a>	1	
<a href="#">NT504009</a>	1	
<a href="#">KT504009</a>	1	
<a href="#">SK504009</a>	1	
<a href="#">DR504009</a>	1	
<a href="#">OF504009</a>	1	
<a href="#">GB504009</a>	4	
<a href="#">IT504009</a>	4	

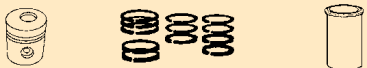
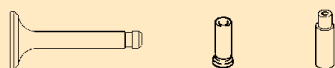
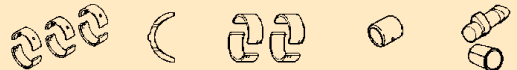
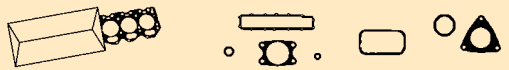




Used for: VW

Used for: VW BMF

Specifications: **Gasoline** · 6 cylinders · Bore: **84,00 mm**

In: **LINDE 394**

REF	Qty./eng.	Remarks
		
<a href="#">1SE504010STD</a>	6	STD
<a href="#">1SE504010025</a>	6	0,250 mm oversize
<a href="#">1SE504010050</a>	6	0,500 mm oversize
<a href="#">PISE504010STD</a>	6	STD
<a href="#">PISE504010025</a>	6	0,250 mm oversize
<a href="#">PISE504010050</a>	6	0,500 mm oversize
		
<a href="#">IK504010A</a>	6	Length: 102,3 mm
<a href="#">IK504010B</a>	6	Length: 136,3 mm
<a href="#">UK504010A</a>	6	Length: 102,3 mm
<a href="#">UK504010B</a>	6	Length: 136,3 mm
<a href="#">KS504010</a>	24	
		
<a href="#">HL504010STD</a>	1	STD; engine set
<a href="#">HL504010025</a>	1	0,250 mm undersize; engine set
<a href="#">1AL504010STD</a>	2	STD
<a href="#">BL504010STD</a>	1	STD
<a href="#">BL504010025</a>	1	0,250 mm oversize
<a href="#">PB504010</a>	6	
		
<a href="#">JC504010</a>	1	
<a href="#">KA504010</a>	24	
<a href="#">SV504010</a>	1	
<a href="#">SA504010</a>	1	
<a href="#">KD504010</a>	1	
		
<a href="#">CB504010SET</a>	1	Complete engine set
<a href="#">CB504010A</a>	13	Length: 110,0 mm
<a href="#">CB504010B</a>	7	Length: 141,0 mm
<a href="#">BB504010</a>	12	

REF	Qty./eng.	Remarks
		
<a href="#">OP504010</a>	1	
<a href="#">WP504010</a>	1	Total height: 104,0 mm Total length: 109,0 mm  With gasket 
		
<a href="#">NA504010A</a>	1	Exhaust
<a href="#">NA504010B</a>	1	Intake
<a href="#">NT504010A</a>	1	Exhaust
<a href="#">NT504010B</a>	1	Intake
<a href="#">KT504010A</a>	1	Rear
<a href="#">KT504010B</a>	1	Front
<a href="#">DK504010A</a>	1	Rear
<a href="#">DK504010B</a>	1	Front
<a href="#">SK504010A</a>	1	Rear
<a href="#">SK504010B</a>	1	Front
		
<a href="#">OF504010</a>	1	
<a href="#">B0504010</a>	6	



USED FOR  
**WAUKESHA**



Used for: WAUKESHA

Used for: **WAUKESHA D155G**

Specifications: **Gasoline · 4 cylinders · Bore: 92,00 mm**

In: **CLARK**

REF	Qty./eng.	Remarks
<a href="#">PI122001STD</a>	4	STD; 4 grooves
<a href="#">SE122001STDA</a>	1	STD; 3 rings/piston
<a href="#">SE122001STDB</a>	1	STD; 4 rings/piston
<a href="#">CH122001</a>	4	Finished
<a href="#">4AS122001</a>	1	Engine set
<a href="#">IK122001</a>	4	
<a href="#">UK122001</a>	4	
<a href="#">KS122001</a>	8	
<a href="#">KG122001</a>	8	
<a href="#">HL122001STD</a>	1	STD shaft dia: 2 1/4" (57,15 mm)
<a href="#">HL122001010</a>	1	0.010" undersize
<a href="#">HL122001020</a>	1	0.020" undersize
<a href="#">HL122001030</a>	1	0.030" undersize
<a href="#">BL122001STD</a>	4	STD shaft dia: 2 1/4" (57,15 mm)
<a href="#">BL122001010</a>	4	0.010" undersize
<a href="#">BL122001020</a>	4	0.020" undersize
<a href="#">BL122001030</a>	4	0.030" undersize
<a href="#">BL122001040</a>	4	0.040" undersize
<a href="#">8PB122001</a>	1	STD shaft dia: 1 1/4" (31,75 mm)
<a href="#">NL122001</a>	1	STD shaft dia: 1 3/4" (44,45 mm)
<a href="#">KP122001</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP122001</a>	1	
<a href="#">JC122001</a>	1	
<a href="#">KA122001</a>	8	
<a href="#">SV122001</a>	1	
<a href="#">KD122001</a>	1	
<a href="#">BB122001</a>	8	
<a href="#">BM122001</a>	8	

REF	Qty./eng.	Remarks
<a href="#">OP122001</a>	1	
<a href="#">WP122001A</a>	1	Total height: 145,5 mm Total length: 268,0 mm 
<a href="#">WP122001B</a>	1	Large thermostat, dia: 3 1/4" 
<a href="#">WP122001C</a>	1	Total height: 142,0 mm Total length: 450,0 mm Small thermostat, dia: 2" 
<a href="#">R0122001</a>	1	
<a href="#">RW122001A</a>	1	For WPA
<a href="#">RW122001B</a>	1	For WPB and WPC
<a href="#">NA122001</a>	1	
<a href="#">NT122001</a>	1	
<a href="#">KT122001</a>	1	
<a href="#">TT122001</a>	1	
<a href="#">OF122001</a>	1	
<a href="#">B0122001</a>	4	



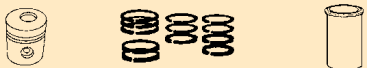

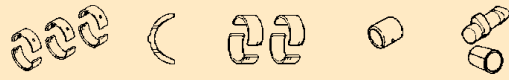
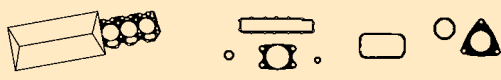




Used for: **WAUKESHA D176G**

Specifications: **Gasoline · 4 cylinders · Bore: 92,00 mm**

In: **CLARK**

Used for: WAUKESHA

REF	Qty./eng.	Remarks
		
<a href="#">PI122002STD</a>	4	STD
<a href="#">SE122002STD</a>	1	STD
<a href="#">CH122002</a>	4	Finished
<a href="#">4AS122002</a>	1	Engine set
		
<a href="#">IK122002</a>	4	
<a href="#">UK122002</a>	4	
<a href="#">KS122002</a>	8	
<a href="#">KG122002</a>	8	
		
<a href="#">HL122002STD</a>	1	STD shaft dia: 2 1/4" (57,15 mm)
<a href="#">HL122002010</a>	1	0.010" undersize
<a href="#">HL122002020</a>	1	0.020" undersize
<a href="#">HL122002030</a>	1	0.030" undersize
<a href="#">HL122002040</a>	1	0.040" undersize
<a href="#">BL122002STD</a>	4	STD shaft dia: 1 3/4" (44,45 mm)
<a href="#">BL122002010</a>	4	0.010" undersize
<a href="#">BL122002020</a>	4	0.020" undersize
<a href="#">BL122002030</a>	4	0.030" undersize
<a href="#">BL122002040</a>	4	0.040" undersize
<a href="#">PB122002</a>	4	STD shaft dia: 7/8" (22,23 mm)
<a href="#">NL122002</a>	1	STD shaft dia: 1 3/4" (44,45 mm)
		
<a href="#">KP122002</a>	1	With front and rear oil seals, with valve seals
<a href="#">BP122002</a>	1	
<a href="#">JC122002</a>	1	
<a href="#">KA122002</a>	8	
<a href="#">SV122002</a>	1	
<a href="#">KD122002</a>	1	
		
<a href="#">BB122002</a>	8	
<a href="#">BM122002</a>	8	

REF	Qty./eng.	Remarks
		
<a href="#">OP122002</a>	1	
<a href="#">WP122002A</a>	1	Total height: 145,5 mm Total length: 268,0 mm With gasket
		
<a href="#">WP122002B</a>	1	Large thermostat, dia: 3 1/4" With gasket
		
<a href="#">WP122002C</a>	1	Total height: 142,0 mm Total length: 450,0 mm Small thermostat, dia: 2" With gasket
		
<a href="#">R0122002</a>	1	
<a href="#">RW122002A</a>	1	For WPA
<a href="#">RW122002B</a>	1	For WPB and WPC
		
<a href="#">NA122002</a>	1	
<a href="#">NT122002</a>	1	
<a href="#">KT122002</a>	1	
<a href="#">TT122002</a>	1	
		
<a href="#">OF122002</a>	1	
<a href="#">B0122002</a>	4	



NOTES

## NOTES

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USED FOR  
**YANMAR**



Used for: YANMAR

Used for: **YANMAR 4TNE92-NMH(A)**

Specifications: **Diesel · 4 cylinders · Bore: 92,00 mm**

In: **HYSTER, YALE**

REF	Qty./eng.	Remarks
<a href="#">PP805001</a>	4	Piston pin
<a href="#">PC805001</a>	8	Snap ring
<a href="#">1SE805001STD</a>	4	STD
<a href="#">1SE805001025</a>	4	0,250 mm oversize
<a href="#">1SE805001050</a>	4	0,500 mm oversize
<a href="#">PISE805001STD</a>	4	STD, without pin and circlips
<a href="#">PISE805001025</a>	4	0,250 mm oversize without pin and snap rings
<a href="#">PISE805001050</a>	4	0,500 mm oversize without pin and snap rings
<a href="#">CH805001</a>	4	
<a href="#">IK805001</a>	4	
<a href="#">UK805001</a>	4	
<a href="#">KS805001</a>	8	
<a href="#">KG805001</a>	8	
<a href="#">2HL805001STD</a>	5	STD; shaft dia: 65,00 mm
<a href="#">2HL805001025</a>	5	0,250 mm undersize
<a href="#">2AL805001STD</a>	2	STD; thickness: 1,98 mm
<a href="#">2AL805001025</a>	2	0,250 mm undersize
<a href="#">BL805001STD</a>	4	STD; shaft dia: 58,0 mm
<a href="#">BL805001025</a>	4	0,250 mm undersize
<a href="#">PB805001</a>	4	STD; shaft dia: 30,0 mm
<a href="#">NL805001</a>	1	STD; shaft dia: 30,0 mm
<a href="#">KP805001</a>	1	Without oil seals
<a href="#">CP805001</a>	1	Liquid gasket for oil pan
<a href="#">JC805001</a>	1	
<a href="#">KA805001A</a>	4	Intake
<a href="#">KA805001B</a>	4	Exhaust
<a href="#">SV805001</a>	1	
<a href="#">SA805001</a>	1	
<a href="#">KD805001</a>	1	

REF	Qty./eng.	Remarks
<a href="#">CB805001</a>	18	
<a href="#">VP805001</a>	1	
<a href="#">BB805001</a>	8	
<a href="#">OP805001</a>	1	
<a href="#">WP805001A</a>	1	Total height: 128,0 mm Total length: 249,0 mm  With gasket
<a href="#">WP805001B</a>	1	Total height: 128,0 mm Total length: 274,0 mm  With gasket
<a href="#">NA805001</a>	1	With gear
<a href="#">NT805001</a>	1	
<a href="#">KT805001</a>	1	
<a href="#">TT805001</a>	1	
<a href="#">OF805001</a>	1	
<a href="#">GB805001</a>	4	
<a href="#">IT805001</a>	4	



Used for: **YANMAR 4TNE94-SFW**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm**

In: **CLARK, SAMSUNG**

Used for: YANMAR

REF	Qty./eng.	Remarks
<a href="#">PP805004</a>	4	Piston pin
<a href="#">PC805004</a>	8	Snap ring
<a href="#">1SE805004STD</a>	4	STD
<a href="#">1SE805004025</a>	4	0,250 mm oversize
<a href="#">PISE805004STD</a>	4	STD; without pin and snap rings
<a href="#">PISE805004025</a>	4	0,250 mm oversize without pin and snap rings
<a href="#">PISE805004050</a>	4	0,500 mm oversize with pin and snap rings
<a href="#">CH805004</a>	4	
<a href="#">IK805004</a>	4	
<a href="#">UK805004</a>	4	
<a href="#">KS805004</a>	8	
<a href="#">KG805004</a>	8	
<a href="#">2HL805004STD</a>	5	STD shaft dia: 65,00 mm
<a href="#">2HL805004025</a>	5	0,250 mm undersize
<a href="#">2AL805004STD</a>	2	STD; thickness: 1,98 mm
<a href="#">2AL805004025</a>	2	0,250 mm undersize
<a href="#">BL805004STD</a>	4	STD; shaft dia: 58,0 mm
<a href="#">BL805004025</a>	4	0,250 mm undersize
<a href="#">PB805004</a>	4	STD shaft dia: 30,0 mm
<a href="#">NL805004</a>	1	STD shaft dia: 30,0 mm
<a href="#">KP805004</a>	1	Without oil seals
<a href="#">CP805004</a>	1	Liquid gasket for oil pan
<a href="#">JC805004</a>	1	
<a href="#">KA805004A</a>	4	Intake
<a href="#">KA805004B</a>	4	Exhaust
<a href="#">SV805004</a>	1	
<a href="#">SA805004</a>	1	
<a href="#">KD805004</a>	1	
<a href="#">CB805004</a>	18	

REF	Qty./eng.	Remarks
<a href="#">VP805004</a>	1	
<a href="#">BB805004</a>	8	
<a href="#">OP805004</a>	1	
<a href="#">WP805004</a>	1	Total height: 131,0 mm Total length: 250,0 mm With gasket 
<a href="#">NA805004</a>	1	With gear
<a href="#">NT805004</a>	1	
<a href="#">KT805004</a>	1	
<a href="#">TT805004</a>	1	
<a href="#">OF805004</a>	1	
<a href="#">GB805004</a>	1	Air heater
<a href="#">IT805004</a>	4	



Used for: **YANMAR 4TNE98-NMH**

Specifications: **Diesel · 4 cylinders · Bore: 98,00 mm**

In: **HYSTER, YALE**

REF	Qty./eng.	Remarks
<a href="#">PP805002</a>	4	Piston pin
<a href="#">PC805002</a>	8	Snap ring
<a href="#">1SE805002STD</a>	4	STD
<a href="#">1SE805002025</a>	4	0,250 mm oversize
<a href="#">PISE805002STD</a>	4	STD, without pin and snap ring
<a href="#">PISE805002025</a>	4	0,250 mm oversize without pin and snap ring
<a href="#">CH805002</a>	4	
<a href="#">IK805002</a>	4	
<a href="#">UK805002</a>	4	
<a href="#">KS805002</a>	8	
<a href="#">KG805002</a>	8	
<a href="#">2HL805002STD</a>	5	STD; shaft dia: 65,00 mm
<a href="#">2HL805002025</a>	5	0,250 mm undersize
<a href="#">2AL805002STD</a>	2	STD; thickness: 1,98 mm
<a href="#">2AL805002025</a>	2	0,250 mm undersize
<a href="#">BL805002STD</a>	4	STD; shaft dia: 58,0 mm
<a href="#">BL805002025</a>	4	0,250 mm undersize
<a href="#">PB805002</a>	4	STD; shaft dia: 30,0 mm
<a href="#">NL805002</a>	1	STD; shaft dia: 30,0 mm
<a href="#">KP805002</a>	1	Without oil seals
<a href="#">CP805002</a>	1	Liquid gasket for oil pan
<a href="#">JC805002</a>	1	
<a href="#">KA805002A</a>	4	Intake
<a href="#">KA805002B</a>	4	Exhaust
<a href="#">SV805002</a>	1	
<a href="#">SA805002</a>	1	
<a href="#">KD805002</a>	1	
<a href="#">CB805002</a>	18	
<a href="#">VP805002</a>	1	

REF	Qty./eng.	Remarks
<a href="#">BB805002</a>	8	
<a href="#">OP805002</a>	1	
<a href="#">WP805002</a>	1	Total height: 128,0 mm Total length: 249,0 mm With gasket 
<a href="#">NA805002</a>	1	With gear
<a href="#">NT805002</a>	1	
<a href="#">KT805002</a>	1	
<a href="#">TT805002</a>	1	
<a href="#">OF805002</a>	1	
<a href="#">GB805002</a>	4	
<a href="#">IT805002</a>	4	



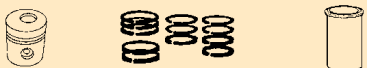


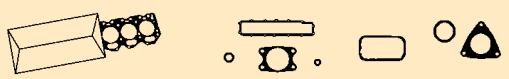
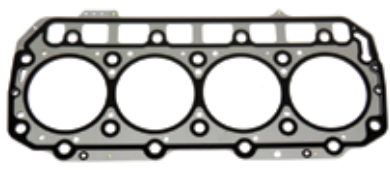
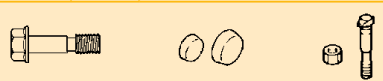





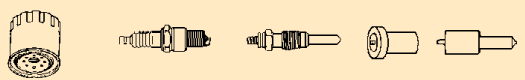
Used for: **YANMAR 4TNV94L-VLX**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm**

In: **LINDE**

Used for: YANMAR

REF	Qty./eng.	Remarks
		
<a href="#">PP805003</a>	4	Piston pin
<a href="#">PC805003</a>	8	Snap ring
<a href="#">1SE805003STD</a>	4	STD
<a href="#">1SE805003025</a>	4	0,250 mm oversize
<a href="#">PISE805003STD</a>	4	STD, without pin and snap rings
<a href="#">PISE805003025</a>	4	0,250 mm oversize without pin and snap rings
<a href="#">CH805003</a>	4	
		
<a href="#">IK805003</a>	8	
<a href="#">UK805003</a>	8	
<a href="#">KS805003</a>	8	
<a href="#">KG805003</a>	16	
		
<a href="#">2HL805003STD</a>	5	STD; shaft dia: 65,00 mm
<a href="#">2HL805003025</a>	5	0,250 mm undersize
<a href="#">2AL805003STD</a>	2	STD; thickness: 1,98 mm
<a href="#">2AL805003025</a>	2	0,250 mm undersize
<a href="#">BL805003STD</a>	4	STD; shaft dia: 58,0 mm
<a href="#">BL805003025</a>	4	0,250 mm undersize
<a href="#">PB805003</a>	4	STD; shaft dia: 30,0 mm
<a href="#">NL805003</a>	1	STD; shaft dia: 30,0 mm
		
<a href="#">KP805003</a>	1	Without oil seals
<a href="#">CP805003</a>	1	Liquid gasket for oil pan
<a href="#">JC805003</a>	1	
		
<a href="#">KA805003A</a>	4	Intake
<a href="#">KA805003B</a>	4	Exhaust
<a href="#">SV805003</a>	1	
<a href="#">SA805003</a>	1	
<a href="#">KD805003</a>	1	
		
<a href="#">CB805003</a>	18	

REF	Qty./eng.	Remarks
<a href="#">VP805003</a>	1	
<a href="#">BB805003</a>	8	
		
<a href="#">OP805003</a>	1	
		
<a href="#">WP805003</a>	1	Total height: 128,0 mm Total length: 251,0 mm Without gasket
		
<a href="#">NA805003</a>	1	With gear
<a href="#">NT805003</a>	1	
<a href="#">KT805003</a>	1	
<a href="#">TT805003</a>	1	
		
<a href="#">OF805003</a>	1	
<a href="#">GB805003</a>	1	Air heater
<a href="#">IT805003</a>	4	



## NOTES

A series of horizontal dotted lines for taking notes.





# CYLINDER HEADS



## Info about notations of cylinder heads

### Notations:

Each cylinder head is indicated by means of a notation.

**E.g. CK 395004 NA A**  
**(1) (2) (3) (4)**

- (1) CK is the indication of a cylinder head.
- (2) 395004 is an internal reference of the different motors of Engine Parts Manual.
- (3) NA = bare cylinder head  
KP = complete cylinder head  
KN = complete cylinder head including camshaft and rocker arms
- (4) If multiple versions of a certain cylinder head exist, these are indicated by means of A, B or C.  
In specific cases we also have V = front cylinder head or A = rear cylinder head.

## Information sur les notations de culasses

### Remarques:

Chaque culasse est indiquée avec une remarque.

**p.ex. CK 395004 NA A**  
**(1) (2) (3) (4)**

- (1) CK est l'initiale désignant une culasse.
- (2) 395004 est une numérotation interne des différents moteurs, cfr. le manuel 'Pièces moteur'.
- (3) NA = culasse nue  
KP = culasse complète  
KN = culasse complète avec arbre à cames et culbuteurs
- (4) Lorsqu'il existe plusieurs versions d'une certaine culasse, celles-ci sont désignées par A, B ou C.  
Dans des cas spécifiques, nous avons également V = culasse avant ou A = culasse arrière.

## Info over notaties van cilinderkoppen

### Notaties:

Iedere cilinderkop wordt met een notatie aangeduid.

<b>vb. CK 395004 NA A</b> <b>(1) (2) (3) (4)</b>
---

- (1) CK is de aanduiding van een cilinderkop.
- (2) 395004 is een interne nummering van de verschillende motoren cfr. Engine Parts Manual.
- (3) NA = naakte cilinderkop  
KP = complete cilinderkop  
KN = complete cilinderkop met nokkenas en tuimelaars
- (4) Indien er meerdere uitvoeringen van een bepaalde cilinderkop bestaan, worden deze met A, B of C aangegeven.  
In specifieke gevallen hebben we ook nog V = voorste cilinderkop of A = achterste cilinderkop.

## Informationen über die Notation (Schreibweise) von Zylinderköpfen

### Bezeichnung/Schreibweise:

Jeder Zylinderkopf ist mit einer Bezeichnung angegeben.

<b>Beispiel CK 395004 NA A</b> <b>(1) (2) (3) (4)</b>
--

- (1) CK ist die Bezeichnung eines Zylinderkopfs.
- (2) 395004 ist eine interne Nummerierung der verschiedenen Motoren siehe Motorenersatzteile-Handbuch.
- (3) NA = nackter Zylinderkopf  
KP = kompletter Zylinderkopf  
KN = kompletter Zylinderkopf mit Nockenwelle und Kipphebel
- (4) Wenn es verschiedene Versionen eines bestimmten Zylinders gibt, werden diese mit A, B oder C angegeben.  
In bestimmten Fällen gibt es auch V = für vorderen Zylinderkopf oder A = für hinteren Zylinderkopf.



## Informacion sobre anotaciones de culatas

### **Notas:**

Cada culata se muestra con una referencia.

**Ejemplo CK 395004 NA A**  
**(1) (2) (3) (4)**

(1) CK es la abreviatura para un cilindro.

(2) 395004 es una referencia interna de los diferentes motores como aparece en el Catálogo de Recambios de Motor.

(3) NA = culata desnuda

KP = culata completa

KN = culata completa con árbol de levas y balancines

(4) Las diferentes versiones de culatas se indicarán con las letras A, B o C .

En casos específicos, también se utilizan V= parte delantera y A= parte trasera de la culata.

## Info sulla nota delle testate cilindri

### **Nota:**

Ogni testata viene indicata con una nota.

**Es. CK 395004 NA A**  
**(1) (2) (3) (4)**

(1) CK indica una testata cilindri.

(2) 395004 è una numerazione interna per i diversi motori vedere Engine Parts Manual.

(3) NA = testata cilindri nuda

KP = testata cilindri completa

KN = testata cilindri completa con albero a camme e bilancieri

(4) Se sono disponibili più esecuzioni di una testa cilindri queste vengono indicate con le lettere A, B o C.

In casi specifici esiste anche una V = testata cilindri anteriore e A = testata cilindri posteriore.



## Información sobre cabeça do motor

### Notas:

Cada cabeça de motor vem com uma nota assinalada.

<p><b>ex. CK 395004 NA A</b>  <b>(1) (2) (3) (4)</b></p>
--

(1) CK é a designação da cabeça do motor.

(2) 395004 é um número interno de diferentes motores como Manual de peças de motor.

(3) NA = cabeça do cilindro nua

KP = cabeça do motor completa

KN = cabeça do motor completa com veio do exêntricos e martelos

(4) Se existem várias versões para uma cabeça do motor elas serão indicadas com A, B ou C.

Em alguns caso específicos também temos V = cabeça do motor frontal ou A = cabeça do motor traseira.

## Informacja o uwagach dla głowic silnika

### Opis:

Każda głowica silnika jest opisana w specjalny sposób.

<p><b>Np. CK 395004 NA A</b>  <b>(1) (2) (3) (4)</b></p>
--

(1) CK jest skrótem od nazwy głowicy silnika.

(2) 395004 jest wewnętrznym numerem dla różnych silników. porównaj Katalog części silnikowych.

(3) NA = gota głowica silnika

KP = kompletna głowica silnika

KN = kompletna głowica silnika z wałkiem rozrządu i dźwigniami zaworowymi

(4) Jeżeli występują różne wersje danej głowicy silnika, to zostały one oznaczone literami A, B lub C.

W specyficznych przypadkach występują dodatkowe oznaczenia: V = przednia głowica silnika lub A = tylna głowica silnika.



## Информация об обозначениях головки блока цилиндров

### Обозначения:

Каждая головка блока цилиндров описывается уникальным обозначением.

<b>напр. СК 395004 NA A</b> <b>(1) (2) (3) (4)</b>
---

- (1) СК указывает на головку блока.
- (2) 395004 является внутренним артикулом различных типов двигателей из каталога Engine Parts Manual.
- (3) NA = Голая головка цилиндра  
KP = головка блока цилиндров в сборе  
KN = головка блока цилиндров в сборе с распредвалом и коромыслами
- (4) В случае наличия нескольких исполнений определенной головки блока, варианты представляются литерами A, B или C.  
В некоторых случаях применяются также обозначения V = передняя головка блока или A = задняя головка блока.





used for: **CUMMINS A2300**

**Bare cylinder head**  
REF [CK183002NA](#)



**Valve clearance**



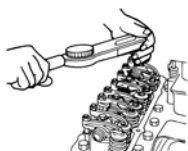
Cold: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**



REF [CB183002A](#) 14 pcs./eng.  
REF [CB183002B](#) 4 pcs./eng.

**Torque specifications**



Cold: M17: 30 Nm - 60 Nm - 95 Nm M19: 60 Nm

used for: **CUMMINS A2300**

**Complete cylinder head**  
REF [CK183002KP](#)



**Valve clearance**



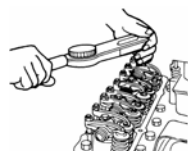
Cold: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**



REF [CB183002A](#) 14 pcs./eng.  
REF [CB183002B](#) 4 pcs./eng.

**Torque specifications**



Cold: M17: 30 Nm - 60 Nm - 95 Nm M19: 60 Nm

used for: **CUMMINS B 3.3 E**

**Complete cylinder head**  
REF [CK183004KP](#)

**Valve clearance**



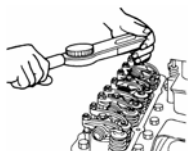
Cold: in: 0,35 mm ex: 0,5 mm

**Cylinder head bolt**

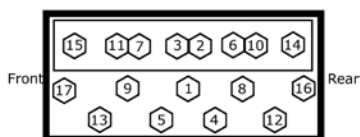


REF [CB183004](#) 17 pcs./eng.

**Torque specifications**



Cold: 70 Nm 110 Nm +90°





used for: **DEUTZ F2L2011**

**Complete cylinder head**

REF [CK380012KP](#)

**Valve clearance**



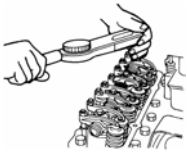
Cold: in: 0,3 mm ex: 0,5 mm

**Cylinder head bolt**

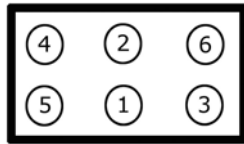


REF [CB380012](#) 6 pcs./eng.

**Torque specifications**



Cold: 30° + 80° + 160° + 90°



used for: **DEUTZ F3L912**

**Complete cylinder head**

REF [CK380003KPB3](#)



**Valve clearance**

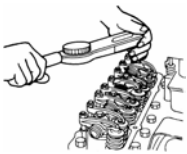


Cold: in: 0,15 mm ex: 0,15 mm

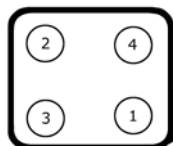
**Cylinder head bolt**



**Torque specifications**



Cold: 40 Nm +45° +45° +45° +30°





used for: **DEUTZ F3L912W**

**Complete cylinder head**

REF [CK380003KPA3](#)



**Valve clearance**

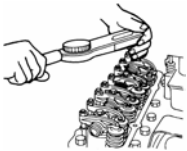


Cold: in: 0,15 mm ex: 0,15 mm

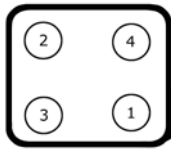
**Cylinder head bolt**



**Torque specifications**



Cold: 40 Nm +45° +45° +45° +30°



used for: **DEUTZ F3L913G**

**Complete cylinder head**

REF [CK380001KP](#)



**Valve clearance**



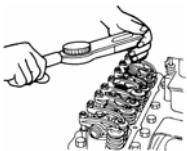
Cold: in: 0,15 mm ex: 0,15 mm

**Cylinder head bolt**

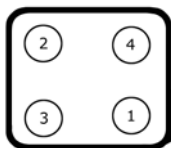


REF [CB380001A](#) 12 pcs./eng. L: 195 mm  
REF [CB380001B](#) 12 pcs./eng. L: 210 mm

**Torque specifications**



Cold: 40 Nm +45° +45° +45° +30°





used for: **DEUTZ F3L1011**

**Complete cylinder head**

REF [CK380013KP](#)

**Valve clearance**



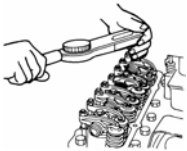
Cold: in: 0,3 mm ex: 0,5 mm

**Cylinder head bolt**



REF [CB380003](#) 8 pcs./eng.

**Torque specifications**



Cold: 30° + 80° + 160° + 90°

used for: **DEUTZ F3L1011F**

**Complete cylinder head**

REF [CK380014KP](#)

**Valve clearance**



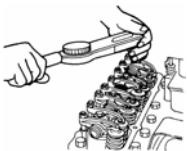
Cold: in: 0,3 mm ex: 0,5 mm

**Cylinder head bolt**

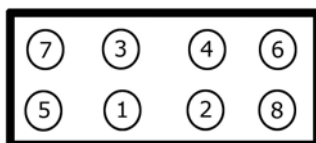


REF [CB380014](#) 8 pcs./eng.

**Torque specifications**



Cold: 30° + 80° + 160° + 90°





used for: **DEUTZ F3L2011**

**Complete cylinder head**

REF [CK380015KP](#)

**Valve clearance**



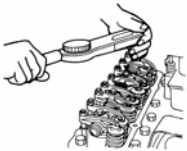
Cold: in: 0,3 mm ex: 0,5 mm

**Cylinder head bolt**

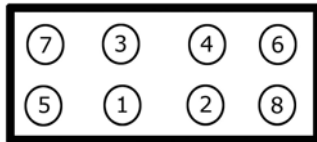


REF [CB380015](#) 8 pcs./eng.

**Torque specifications**



Cold: 30° + 80° + 160° + 90°



used for: **DEUTZ F4L912**

**Complete cylinder head**

REF [CK380003KPB4](#)



**Valve clearance**

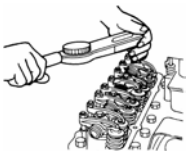


Cold: in: 0,15 mm ex: 0,15 mm

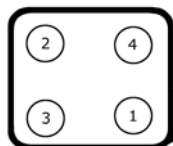
**Cylinder head bolt**



**Torque specifications**



Cold: 40 Nm +45° +45° +45° +30°





used for: **DEUTZ F4L912W**

**Complete cylinder head**

REF [CK380003KPA4](#)



**Valve clearance**

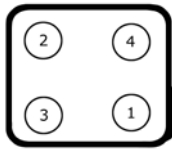
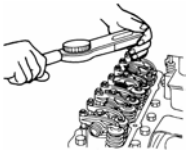


Cold: in: 0,15 mm ex: 0,15 mm

**Cylinder head bolt**



**Torque specifications**



Cold: 40 Nm +45° +45° +45° +30°

used for: **DEUTZ F4M2011**

**Complete cylinder head**

REF [CK380011KP](#)

**Valve clearance**



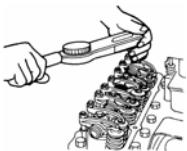
Cold: in: 0,3 mm ex: 0,5 mm

**Cylinder head bolt**



REF [CB380011](#) 10 pcs./eng.

**Torque specifications**



Cold: 30° + 80° + 160° + 90°





used for: **DEUTZ F6L912**

**Complete cylinder head**

REF [CK380003KPB6](#)



**Valve clearance**

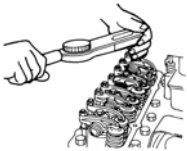


Cold: in: 0,15 mm ex: 0,15 mm

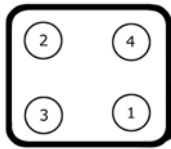
**Cylinder head bolt**



**Torque specifications**



Cold: 40 Nm +45° +45° +45° +30°



used for: **DEUTZ F6L912W**

**Complete cylinder head**

REF [CK380003KPA6](#)



**Valve clearance**

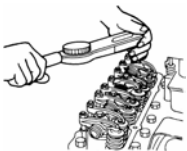


Cold: in: 0,15 mm ex: 0,15 mm

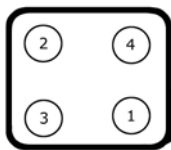
**Cylinder head bolt**



**Torque specifications**



Cold: 40 Nm +45° +45° +45° +30°





used for: **DEUTZ GF3L913**

**Complete cylinder head**

REF [CK380002KP](#)



For LPG engine with reinforced valves and valve seats

**Valve clearance**

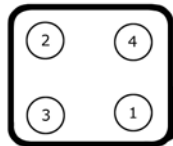
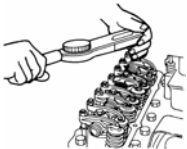


Cold: in: 0,15 mm ex: 0,15 mm

**Cylinder head bolt**



**Torque specifications**



Cold: 40 Nm +45° +45° +45° 3+30°

used for: **FORD BSD444**

**Bare cylinder head**

REF [CK090009NA](#)

**Valve clearance**



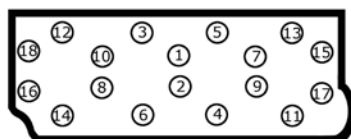
Cold: in: 0,38 mm ex: 0,45 mm

**Cylinder head bolt**



REF [CB090009A](#) 18 pcs./eng.  
REF [CB090009B](#)

**Torque specifications**



Cold: 120 - 135 - 155  
Hot: 155 - 190 - 215



used for: **FORD BSD444T**

**Bare cylinder head**

REF [CK090010NA](#)

**Valve clearance**



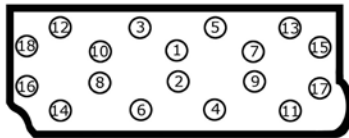
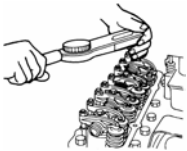
Cold: in: 0,38 mm ex: 0,45 mm

**Cylinder head bolt**



REF [CB090009A](#) 18 pcs./eng.  
REF [CB090009B](#)

**Torque specifications**



Cold: 120 - 135 - 155  
Hot: 155 - 190 - 215

used for: **GM 3,0L**

**Bare cylinder head**

REF [CK556006NA](#)



**Valve clearance**



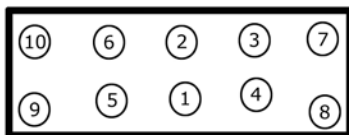
Hydraulic lifters

**Cylinder head bolt**



REF [CB556002](#) 10 pcs./eng.

**Torque specifications**



Cold: 130 Nm

used for: **GM 3,0L**

**Complete cylinder head**

REF [CK556006KP](#)

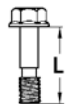


**Valve clearance**



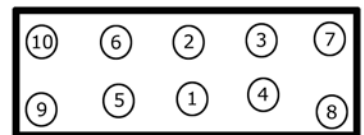
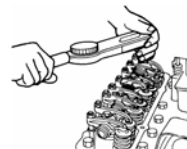
Hydraulic lifters

**Cylinder head bolt**



REF [CB556002](#) 10 pcs./eng.

**Torque specifications**



Cold: 130 Nm



used for: **GM 4153**

**Bare cylinder head**  
REF [CK556002NA](#)



**Valve clearance**



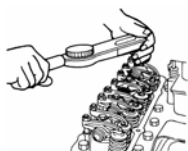
Hydraulic lifters

**Cylinder head bolt**

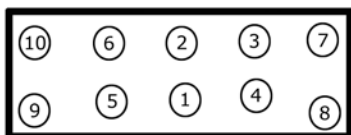


REF [CB556002](#) 10 pcs./eng.

**Torque specifications**



Cold: 130 Nm



used for: **GM V6 4,3**

**Bare cylinder head**  
REF [CK556004NAA](#)



~1995

**Valve clearance**



Hydraulic lifters

**Cylinder head bolt**

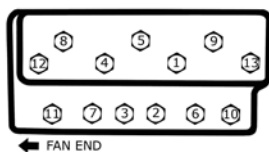


REF [CB556004A](#) 10 pcs./eng. L: 3" 3/4  
REF [CB556004B](#) 4 pcs./eng. L: 3"  
REF [CB556004C](#) 12 pcs./eng. L: 1" 3/4

**Torque specifications**



Cold: 90 Nm



used for: **GM V6 4,3**

**Complete cylinder head**  
REF [CK556004KPA](#)



~1995

**Valve clearance**



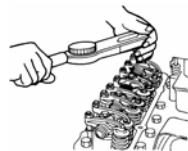
Hydraulic lifters

**Cylinder head bolt**



REF [CB556004A](#) 10 pcs./eng. L: 3" 3/4  
REF [CB556004B](#) 4 pcs./eng. L: 3"  
REF [CB556004C](#) 12 pcs./eng. L: 1" 3/4

**Torque specifications**



Cold: 90 Nm





used for: **GM V6 4,3**

**Bare cylinder head**  
REF [CK556004NAB](#)



1995-1999

**Valve clearance**



Hydraulic lifters

**Cylinder head bolt**



REF [CB556004A](#) 10 pcs./eng. L: 3" 3/4  
REF [CB556004B](#) 4 pcs./eng. L: 3"  
REF [CB556004C](#) 12 pcs./eng. L: 1" 3/4

used for: **GM V6 4,3**

**Bare cylinder head**  
REF [CK556004NAC](#)

1999-

**Valve clearance**



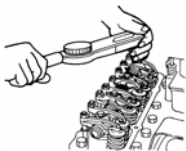
Hydraulic lifters

**Cylinder head bolt**

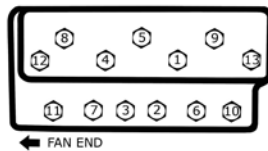


REF [CB556004A](#) 10 pcs./eng. L: 3" 3/4  
REF [CB556004B](#) 4 pcs./eng. L: 3"  
REF [CB556004C](#) 12 pcs./eng. L: 1" 3/4

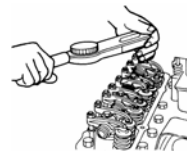
**Torque specifications**



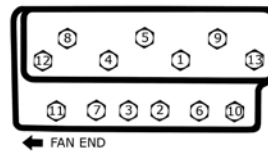
Cold: 90 Nm



**Torque specifications**



Cold: 90 Nm



used for: **GM V6 4,3**

**Complete cylinder head**  
REF [CK556004KPC](#)



1999-

**Valve clearance**



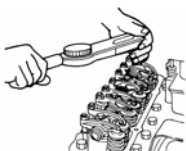
Hydraulic lifters

**Cylinder head bolt**

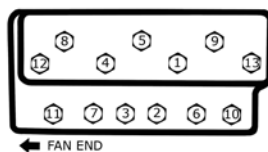


REF [CB556004A](#) 10 pcs./eng. L: 3" 3/4  
REF [CB556004B](#) 4 pcs./eng. L: 3"  
REF [CB556004C](#) 12 pcs./eng. L: 1" 3/4

**Torque specifications**



Cold: 90 Nm





used for: **HATZ 2G30**

**Bare cylinder head**

REF [CKM81009NA](#)

**Valve clearance**



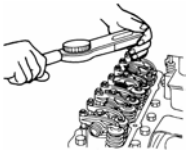
Cold: in: 0,1 mm ex: 0,1 mm

**Cylinder head bolt**

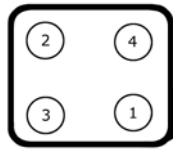


REF [CBM81009](#) 6 pcs./eng.

**Torque specifications**



Cold: 55 Nm



used for: **HATZ 2L40**

**Bare cylinder head**

REF [CKM81003NAA](#)

**Valve clearance**



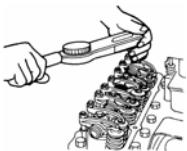
Cold: in: 0,1 mm ex: 0,1 mm

**Cylinder head bolt**

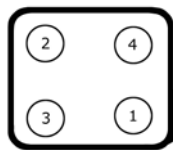


REF [CBM81003](#) 6 pcs./eng.

**Torque specifications**



Cold: 65 Nm



used for: **HATZ 2L40**

**Bare cylinder head**

REF [CKM81003NAB](#)

**Valve clearance**



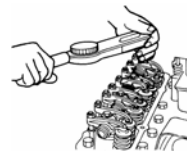
Cold: in: 0,1 mm ex: 0,1 mm

**Cylinder head bolt**

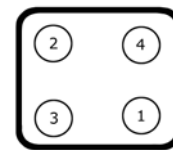


REF [CBM81003](#) 6 pcs./eng.

**Torque specifications**



Cold: 65 Nm









**used for: HATZ 2M40**


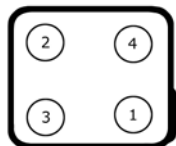
**Bare cylinder head**  
REF [CKM81001NAA](#)

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<p><b>Valve clearance</b></p>  <p>Cold: in: 0,1 mm ex: 0,1 mm</p>	<p><b>Cylinder head bolt</b></p>  <p>REF <a href="#">CBM81001</a> 6 pcs./eng.</p>
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**Torque specifications**






Cold: 65 Nm

**used for: HATZ 2M40**


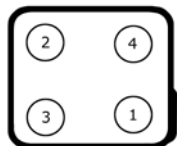
**Bare cylinder head**  
REF [CKM81001NAB](#)

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<p><b>Valve clearance</b></p>  <p>Cold: in: 0,1 mm ex: 0,1 mm</p>	<p><b>Cylinder head bolt</b></p>  <p>REF <a href="#">CBM81001</a> 6 pcs./eng.</p>
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**Torque specifications**






Cold: 65 Nm

**used for: HATZ 3L40**


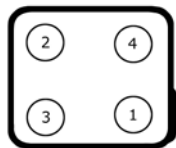
**Bare cylinder head**  
REF [CKM81004NAA](#)

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<p><b>Valve clearance</b></p>  <p>Cold: in: 0,1 mm ex: 0,1 mm</p>	<p><b>Cylinder head bolt</b></p>  <p>REF <a href="#">CBM81004</a> 8 pcs./eng.</p>
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**Torque specifications**






Cold: 65 Nm

**used for: HATZ 3L40**


**Bare cylinder head**  
REF [CKM81004NAB](#)

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<p><b>Valve clearance</b></p>  <p>Cold: in: 0,1 mm ex: 0,1 mm</p>	<p><b>Cylinder head bolt</b></p>  <p>REF <a href="#">CBM81004</a> 8 pcs./eng.</p>
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**Torque specifications**



Cold: 65 Nm



used for: **HATZ 3M40**

**Bare cylinder head**  
REF [CKM81002NAA](#)

**Valve clearance**



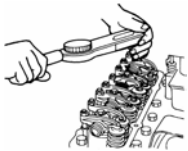
Cold: in: 0,1 mm ex: 0,1 mm

**Cylinder head bolt**

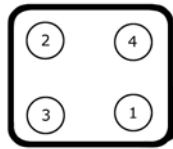


REF [CBM81002](#) 8 pcs./eng.

**Torque specifications**



Cold: 65 Nm



used for: **HATZ 3M40**

**Bare cylinder head**  
REF [CKM81002NAB](#)

**Valve clearance**



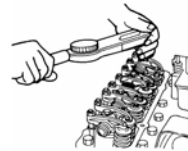
Cold: in: 0,1 mm ex: 0,1 mm

**Cylinder head bolt**

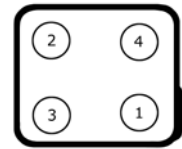


REF [CBM81002](#) 8 pcs./eng.

**Torque specifications**



Cold: 65 Nm



used for: **HYUNDAI L4GC**

**Bare cylinder head**  
REF [CKQ72001NA](#)



**Valve clearance**



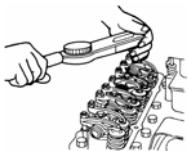
Hydraulic lifters

**Cylinder head bolt**

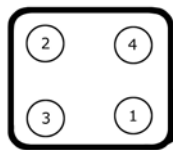


REF [CBQ72001](#) 10 pcs./eng.

**Torque specifications**



Cold: 3 Nm +60° +60°





used for: **ISUZU 4JB1**

**Bare cylinder head**  
REF [CK134006NA](#)



**Valve clearance**



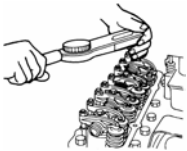
Cold: in: 0,4 mm ex: 0,4 mm

**Cylinder head bolt**

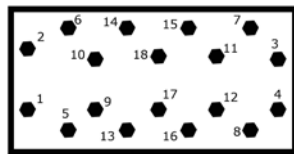


REF [CB134006](#) 18 pcs./eng.

**Torque specifications**



Cold: 45 Nm +120-150°



used for: **ISUZU 4JG2**

**Bare cylinder head**  
REF [CK134008NA](#)



**Valve clearance**



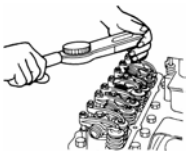
Cold: in: 0,4 mm ex: 0,4 mm

**Cylinder head bolt**

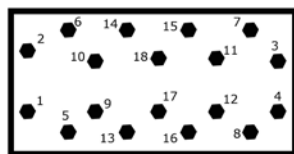


REF [CB134008](#) 18 pcs./eng.

**Torque specifications**



Cold: 50 Nm +75° +75°



used for: **ISUZU 4JG2**

**Complete cylinder head**  
REF [CK134008KP](#)



**Valve clearance**



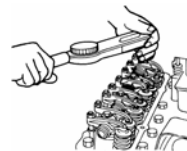
Cold: in: 0,4 mm ex: 0,4 mm

**Cylinder head bolt**

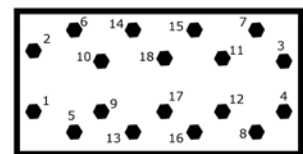


REF [CB134008](#) 18 pcs./eng.

**Torque specifications**



Cold: 50 Nm +75° +75°





used for: **ISUZU C240**

**Bare cylinder head**

REF [CK134001NA](#)



used for: **ISUZU C240**

**Complete cylinder head**

REF [CK134001KP](#)



**Valve clearance**



Cold: in: 0,45 mm ex: 0,45 mm

**Cylinder head bolt**



REF [CB134001](#) 19 pcs./eng.

**Valve clearance**



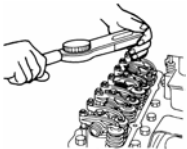
Cold: in: 0,45 mm ex: 0,45 mm

**Cylinder head bolt**

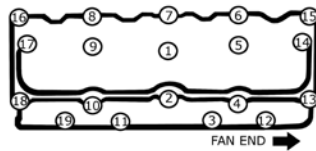


REF [CB134001](#) 19 pcs./eng.

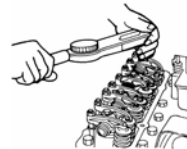
**Torque specifications**



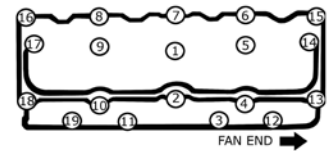
Cold: 100 Nm



**Torque specifications**



Cold: 100 Nm



used for: **KOMATSU 4D94E**

**Bare cylinder head**

REF [CK107005NA](#)



used for: **KOMATSU 4D94E**

**Complete cylinder head**

REF [CK107005KP](#)



**Valve clearance**



Cold: in: 0,2 mm ex: 0,2 mm

**Cylinder head bolt**



REF [CB107005](#) 18 pcs./eng.

**Valve clearance**



Cold: in: 0,2 mm ex: 0,2 mm

**Cylinder head bolt**

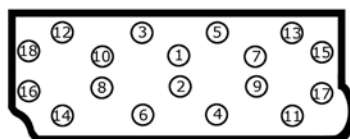


REF [CB107005](#) 18 pcs./eng.

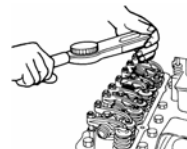
**Torque specifications**



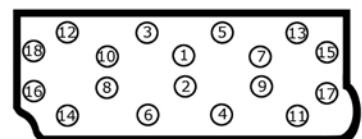
Cold: 50 Nm 110 Nm



**Torque specifications**



Cold: 50 Nm 110 Nm





used for: **KOMATSU 4D95S**

**Bare cylinder head**  
REF [CK107001NAA](#)



used for: **KOMATSU 4D95S**

**Complete cylinder head**  
REF [CK107001KPA](#)



**Valve clearance**



Cold: in: 0,35 mm ex: 0,5 mm

**Cylinder head bolt**



REF [CB107001](#) 17 pcs./eng.

**Valve clearance**



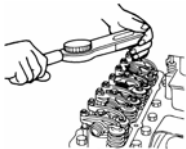
Cold: in: 0,35 mm ex: 0,5 mm

**Cylinder head bolt**

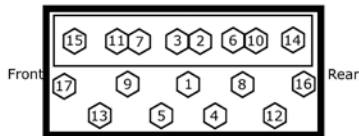


REF [CB107001](#) 17 pcs./eng.

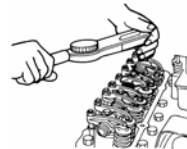
**Torque specifications**



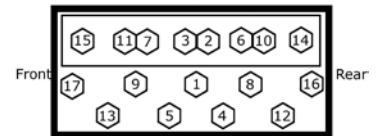
Cold: 70 Nm 110 Nm +90°



**Torque specifications**



Cold: 70 Nm 110 Nm +90°



used for: **KOMATSU 4D95SW**

**Bare cylinder head**  
REF [CK107001NAB](#)



used for: **KOMATSU 4D95SW**

**Complete cylinder head**  
REF [CK107001KPB](#)

**Valve clearance**



Cold: in: 0,35 mm ex: 0,5 mm

**Cylinder head bolt**



REF [CB107001](#) 17 pcs./eng.

**Valve clearance**



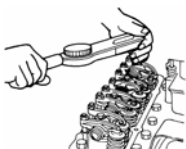
Cold: in: 0,35 mm ex: 0,5 mm

**Cylinder head bolt**

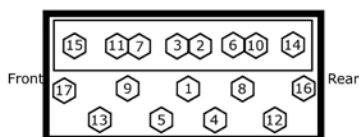


REF [CB107001](#) 17 pcs./eng.

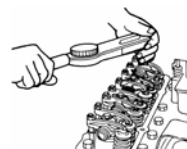
**Torque specifications**



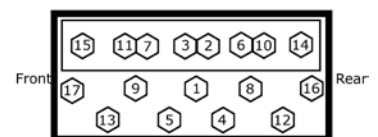
Cold: 70 Nm 110 Nm +90°



**Torque specifications**



Cold: 70 Nm 110 Nm +90°





used for: **KOMATSU 4D105**

**Bare cylinder head**  
REF [CK107003NAA](#)

**Valve clearance**



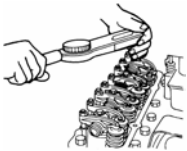
Cold: in: 0,35 mm ex: 0,65 mm

**Cylinder head bolt**

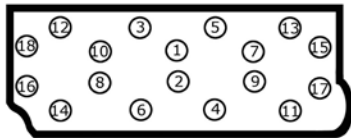


REF [CB107003](#) 18 pcs./eng.

**Torque specifications**



Cold: 155 Nm



used for: **KOMATSU 4D105**

**Bare cylinder head**  
REF [CK107003NAB](#)

**Valve clearance**



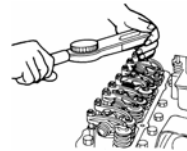
Cold: in: 0,35 mm ex: 0,65 mm

**Cylinder head bolt**

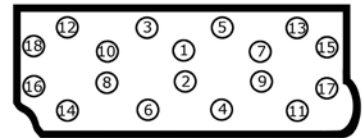


REF [CB107003](#) 18 pcs./eng.

**Torque specifications**



Cold: 155 Nm



used for: **KOMATSU 6D95L**

**Bare cylinder head**  
REF [CK107002NA](#)



**Valve clearance**



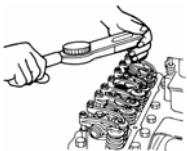
Cold: in: 0,35 mm ex: 0,5 mm

**Cylinder head bolt**

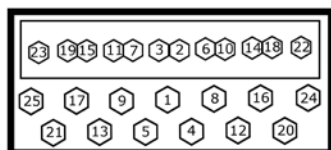


REF [CB107002](#) 25 pcs./eng.

**Torque specifications**



Cold: 70 Nm 110 Nm 150 Nm







used for: **MAZDA F2**

**Bare cylinder head**  
REF [CK395007NAA](#)



A: 30° valve seat angle

**Valve clearance**



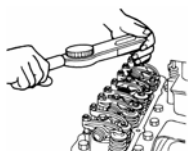
Hot: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**

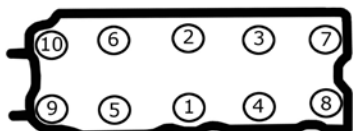


REF [CB395007](#) 10 pcs./eng.

**Torque specifications**



Cold: 80-85 Nm Hot: 95-100 Nm



used for: **MAZDA F2**

**Complete cylinder head**  
REF [CK395007KPA](#)



A: 30° valve seat angle

**Valve clearance**



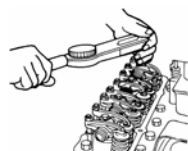
Hot: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**

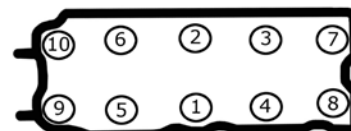


REF [CB395007](#) 10 pcs./eng.

**Torque specifications**



Cold: 80-85 Nm Hot: 95-100 Nm



used for: **MAZDA F2**

**Complete cylinder head with cam shaft**  
REF [CK395007KNA](#)



A: 30° valve seat angle

**Valve clearance**



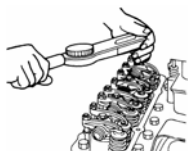
Hot: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**

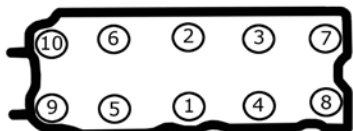


REF [CB395007](#) 10 pcs./eng.

**Torque specifications**



Cold: 80-85 Nm Hot: 95-100 Nm



used for: **MAZDA F2**

**Bare cylinder head**  
REF [CK395007NAB](#)



B: 45° valve seat angle

**Valve clearance**



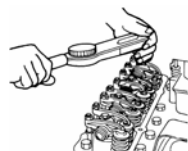
Hot: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**

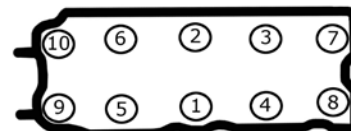


REF [CB395007](#) 10 pcs./eng.

**Torque specifications**



Cold: 80-85 Nm Hot: 95-100 Nm





used for: **MAZDA F2**

**Complete cylinder head  
with cam shaft**  
REF [CK395007KNB](#)



B: 45° valve seat angle

**Valve clearance**



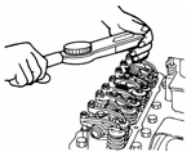
Hot: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**

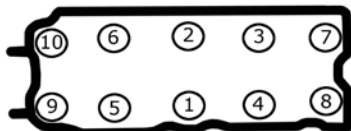


REF [CB395007](#) 10 pcs./eng.

**Torque specifications**



Cold: 80-85 Nm Hot: 95-100 Nm



used for: **MAZDA FE**

**Bare cylinder head**  
REF [CK395004NAA](#)



A: 30° valve seat angle

**Valve clearance**



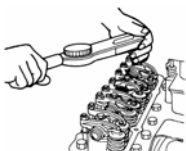
Hot: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**

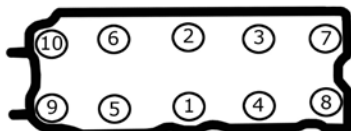


REF [CB395004](#) 10 pcs./eng.

**Torque specifications**



Cold: 80-90 Nm Hot: 95-100 Nm



used for: **MAZDA FE**

**Complete cylinder head**  
REF [CK395004KPA](#)



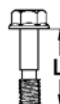
A: 30° valve seat angle

**Valve clearance**



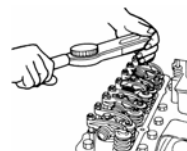
Hot: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**

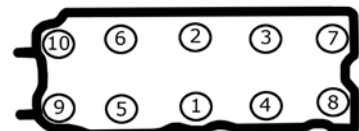


REF [CB395004](#) 10 pcs./eng.

**Torque specifications**



Cold: 80-90 Nm Hot: 95-100 Nm





used for: **MAZDA FE**

**Complete cylinder head  
with cam shaft**  
REF [CK395004KNA](#)



A: 30° valve seat angle

**Valve clearance**



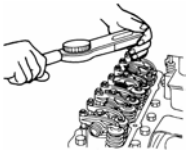
Hot: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**

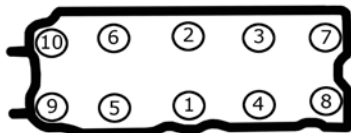


REF [CB395004](#) 10 pcs./eng.

**Torque specifications**



Cold: 80-90 Nm Hot: 95-100 Nm



used for: **MAZDA FE**

**Bare cylinder head**  
REF [CK395004NAB](#)



B: 45° valve seat angle

**Valve clearance**



Hot: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**

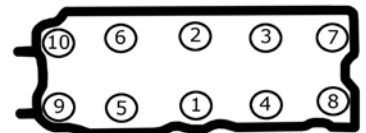


REF [CB395004](#) 10 pcs./eng.

**Torque specifications**



Cold: 80-90 Nm Hot: 95-100 Nm



used for: **MAZDA FE**

**Complete cylinder head  
with cam shaft**  
REF [CK395004KNB](#)



B: 45° valve seat angle

**Valve clearance**



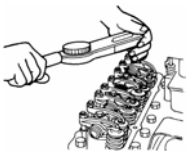
Hot: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**

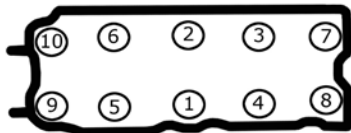


REF [CB395004](#) 10 pcs./eng.

**Torque specifications**



Cold: 80-90 Nm Hot: 95-100 Nm





used for: **MAZDA HA**

**Bare cylinder head**

REF [CK395005NA](#)



used for: **MAZDA HA**

**Complete cylinder head**

REF [CK395005KP](#)

**Valve clearance**



Hot: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**



REF [CB395005A](#) 11 pcs./eng.  
REF [CB395005B](#) 7 pcs./eng.

**Valve clearance**



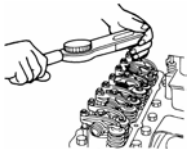
Hot: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**

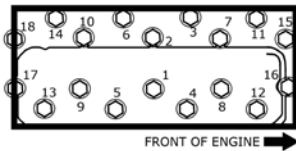


REF [CB395005A](#) 11 pcs./eng.  
REF [CB395005B](#) 7 pcs./eng.

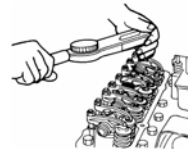
**Torque specifications**



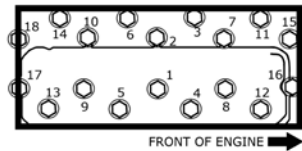
Cold: 120-125 Nm



**Torque specifications**



Cold: 120-125 Nm



used for: **MAZDA VA**

**Bare cylinder head**

REF [CK395002NA](#)



used for: **MAZDA VA**

**Complete cylinder head**

REF [CK395002KP](#)

**Valve clearance**



Hot: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**



REF [CB395002A](#) 3 pcs./eng.  
REF [CB395002B](#) 9 pcs./eng.

**Valve clearance**



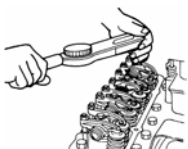
Hot: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**

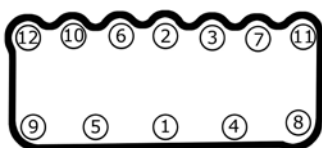


REF [CB395002A](#) 3 pcs./eng.  
REF [CB395002B](#) 9 pcs./eng.

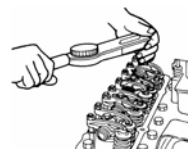
**Torque specifications**



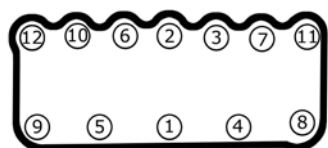
Cold: 85 Nm



**Torque specifications**



Cold: 85 Nm





used for: **MAZDA XA**

**Bare cylinder head**

REF [CK395001NA](#)



**Valve clearance**



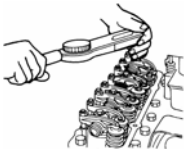
Hot: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**

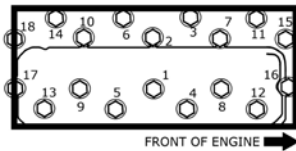


REF [CB395001C](#) 11 pcs./eng.  
REF [CB395001D](#) 7 pcs./eng.

**Torque specifications**



Cold: 3 Nm +90° +90°



used for: **MERCEDES OM314**

**Bare cylinder head**

REF [CK676001NA](#)

used for: **MERCEDES OM314**

**Complete cylinder head**

REF [CK676001KP](#)

**Valve clearance**



Cold: in: 0,2 mm ex: 0,3 mm

**Cylinder head bolt**



REF [CG676001](#) 17 pcs./eng.  
REF [CM676001](#) 17 pcs./eng.

**Valve clearance**



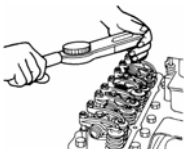
Cold: in: 0,2 mm ex: 0,3 mm

**Cylinder head bolt**

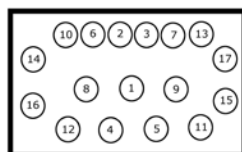


REF [CG676001](#) 17 pcs./eng.  
REF [CM676001](#) 17 pcs./eng.

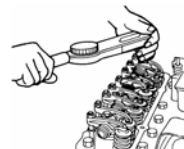
**Torque specifications**



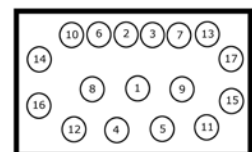
Cold: 60 Nm 90 Nm 110 Nm



**Torque specifications**



Cold: 60 Nm 90 Nm 110 Nm





used for: **MITSUBISHI 4DQ5**

**Bare cylinder head**  
REF [CK272001NAA](#)



A: For injectors with M20 thread

**Valve clearance**



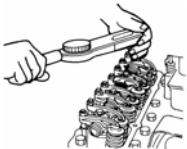
Cold: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

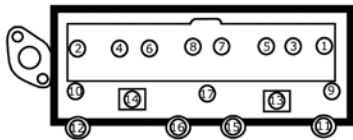


REF [CB272001A](#) 11 pcs./eng.  
REF [CB272001B](#) 6 pcs./eng.

**Torque specifications**



Cold: 120 Nm



used for: **MITSUBISHI 4DQ5**

**Bare cylinder head**  
REF [CK272001NAB](#)



B: For injectors with M24 thread

**Valve clearance**



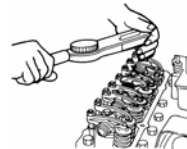
Cold: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

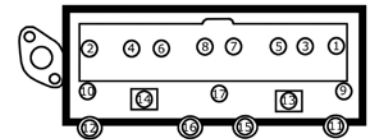


REF [CB272001A](#) 11 pcs./eng.  
REF [CB272001B](#) 6 pcs./eng.

**Torque specifications**



Cold: 120 Nm



used for: **MITSUBISHI 4DQ7**

**Bare cylinder head**  
REF [CK272019NA](#)



**Valve clearance**



Cold: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

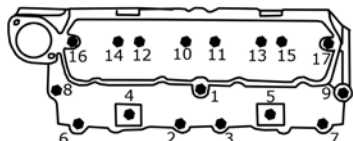


REF [CB272019A](#) 11 pcs./eng.  
REF [CB272019B](#) 6 pcs./eng.

**Torque specifications**



Cold: 120 Nm



used for: **MITSUBISHI 4DQ7**

**Complete cylinder head**  
REF [CK272019KP](#)

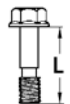


**Valve clearance**



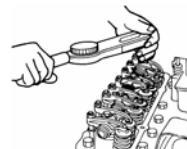
Cold: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

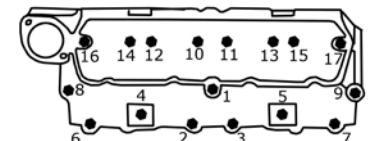


REF [CB272019A](#) 11 pcs./eng.  
REF [CB272019B](#) 6 pcs./eng.

**Torque specifications**



Cold: 120 Nm







used for: **MITSUBISHI 4G15**

**Bare cylinder head**  
REF [CK272017NA](#)



**Valve clearance**



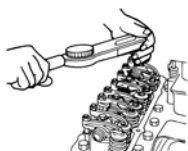
Hot: in: 0,15 mm ex: 0,15 mm

**Cylinder head bolt**

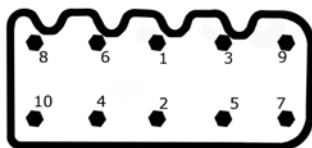


REF [CB272017](#) 10 pcs./eng.

**Torque specifications**



Cold: 85 Nm



used for: **MITSUBISHI 4G15**

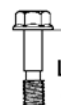
**Complete cylinder head**  
REF [CK272017KP](#)

**Valve clearance**



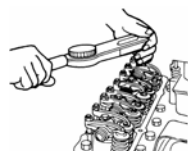
Hot: in: 0,15 mm ex: 0,15 mm

**Cylinder head bolt**

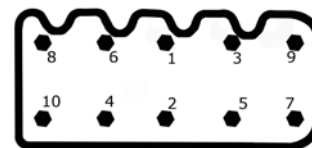


REF [CB272017](#) 10 pcs./eng.

**Torque specifications**



Cold: 85 Nm



used for: **MITSUBISHI 4G33**

**Bare cylinder head**  
REF [CK272006NAA](#)



A: Until 04/87

**Valve clearance**



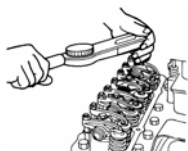
Hot: in: 0,15 mm ex: 0,25 mm

**Cylinder head bolt**

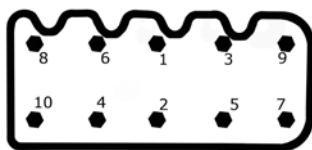


REF [CB272006](#) 10 pcs./eng.

**Torque specifications**



Cold: 75 Nm Hot: 85 Nm



used for: **MITSUBISHI 4G33**

**Bare cylinder head**  
REF [CK272006NAB](#)



B: From 05/87

**Valve clearance**



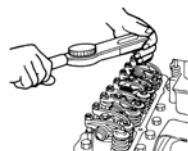
Hot: in: 0,15 mm ex: 0,25 mm

**Cylinder head bolt**

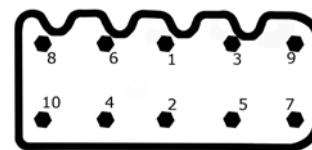


REF [CB272006](#) 10 pcs./eng.

**Torque specifications**



Cold: 75 Nm Hot: 85 Nm





used for: **MITSUBISHI 4G54**

**Bare cylinder head**  
REF [CK272009NA](#)



**Valve clearance**



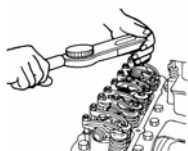
Hot: in: 0,15 mm ex: 0,25 mm

**Cylinder head bolt**

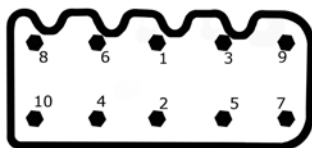


REF [CB272009](#) 10 pcs./eng.

**Torque specifications**



Cold: 90-100 Nm Hot: 100-110 Nm



used for: **MITSUBISHI 4G54**

**Complete cylinder head**  
REF [CK272009KP](#)

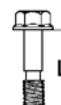


**Valve clearance**



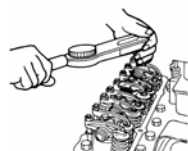
Hot: in: 0,15 mm ex: 0,25 mm

**Cylinder head bolt**

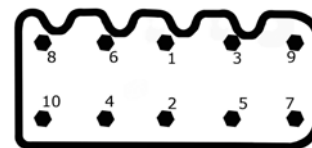


REF [CB272009](#) 10 pcs./eng.

**Torque specifications**



Cold: 90-100 Nm Hot: 100-110 Nm



used for: **MITSUBISHI 4G54**

**Complete cylinder head**  
REF [CK272009KN](#)



**Valve clearance**



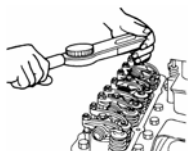
Hot: in: 0,15 mm ex: 0,25 mm

**Cylinder head bolt**

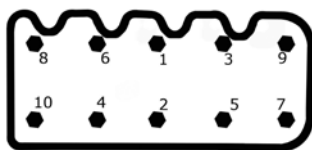


REF [CB272009](#) 10 pcs./eng.

**Torque specifications**



Cold: 90-100 Nm Hot: 100-110 Nm





used for: **MITSUBISHI 4G63**

**Bare cylinder head**  
REF [CK272012NAA](#)



A: M12 cylinder head bolt

**Valve clearance**



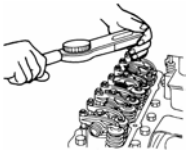
Hydraulic lifters

**Cylinder head bolt**

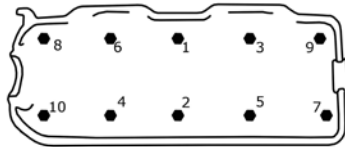


REF [CB272012A](#) 10 pcs./eng.

**Torque specifications**



Cold: 80 Nm 0 Nm 20 Nm +90° +90°



used for: **MITSUBISHI 4G63**

**Complete cylinder head**  
REF [CK272012KPA](#)



A: M12 cylinder head bolt

**Valve clearance**



Hydraulic lifters

**Cylinder head bolt**

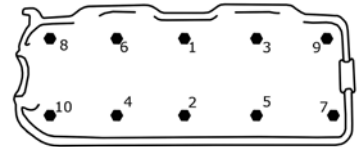


REF [CB272012A](#) 10 pcs./eng.

**Torque specifications**



Cold: 80 Nm 0 Nm 20 Nm +90° +90°



used for: **MITSUBISHI 4G63**

**Bare cylinder head**  
REF [CK272012NAB](#)



B: M11 cylinder head bolt

**Valve clearance**



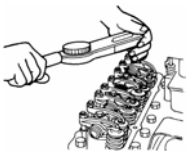
Hydraulic lifters

**Cylinder head bolt**

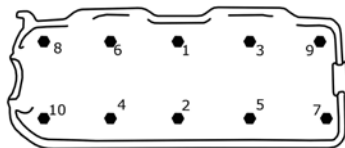


REF [CB272012B](#) 10 pcs./eng.

**Torque specifications**



Cold: 80 Nm 0 Nm 20 Nm +90° +90°



used for: **MITSUBISHI 4G63**

**Complete cylinder head**  
REF [CK272012KPB](#)



B: M11 cylinder head bolt

**Valve clearance**



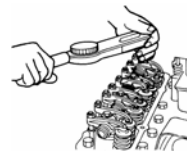
Hydraulic lifters

**Cylinder head bolt**

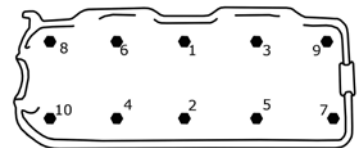


REF [CB272012B](#) 10 pcs./eng.

**Torque specifications**



Cold: 80 Nm 0 Nm 20 Nm 90° 90°





used for: **MITSUBISHI 4G64**

**Bare cylinder head**  
REF [CK272011NAA](#)



A: M12 cylinder head bolt. For LPG, no access hole for fuel pump

**Valve clearance**



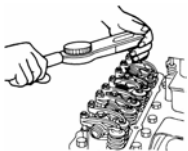
Hydraulic lifters

**Cylinder head bolt**

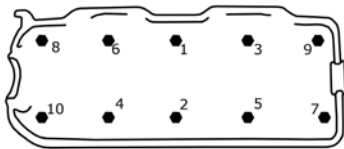


REF [CB272011A](#) 10 pcs./eng.

**Torque specifications**



Cold: 80 Nm 0 Nm 20 Nm +90° +90°



used for: **MITSUBISHI 4G64**

**Complete cylinder head**  
REF [CK272011KPA](#)



A: M12 cylinder head bolt. For LPG, no access hole for fuel pump

**Valve clearance**



Hydraulic lifters

**Cylinder head bolt**

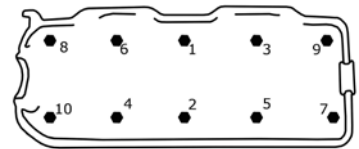


REF [CB272011A](#) 10 pcs./eng.

**Torque specifications**



Cold: 80 Nm 0 Nm 20 Nm +90° +90°



used for: **MITSUBISHI 4G64**

**Bare cylinder head**  
REF [CK272011NAB](#)



B: M11 cylinder head bolt. For gasoline, with access hole for fuel pump

**Valve clearance**



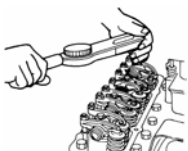
Hydraulic lifters

**Cylinder head bolt**

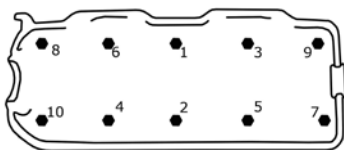


REF [CB272011B](#) 10 pcs./eng.

**Torque specifications**



Cold: 80 Nm 0 Nm 20 Nm +90° +90°



used for: **MITSUBISHI 4G64**

**Complete cylinder head**  
REF [CK272011KPB](#)



B: M11 cylinder head bolt. For gasoline, with access hole for fuel pump

**Valve clearance**



Hydraulic lifters

**Cylinder head bolt**

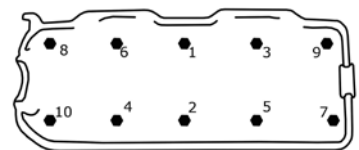


REF [CB272011B](#) 10 pcs./eng.

**Torque specifications**



Cold: 80 Nm 0 Nm 20 Nm +90° +90°





used for: **MITSUBISHI 4G64**

**Bare cylinder head**  
REF [CK272011NAC](#)



C: M11 cylinder head bolt. For LPG, no access hole for fuel pump

**Valve clearance**



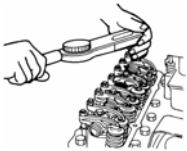
Hydraulic lifters

**Cylinder head bolt**

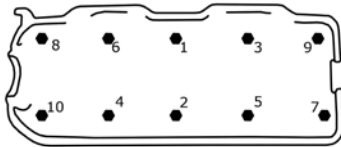


REF [CB272011B](#) 10 pcs./eng.

**Torque specifications**



Cold: 80 Nm 0 Nm 20 Nm +90° +90°



used for: **MITSUBISHI 4G64**

**Complete cylinder head**  
REF [CK272011KPC](#)



C: M11 cylinder head bolt. For LPG, no access hole for fuel pump

**Valve clearance**



Hydraulic lifters

**Cylinder head bolt**

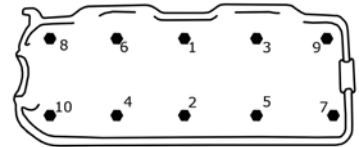


REF [CB272011B](#) 10 pcs./eng.

**Torque specifications**



Cold: 80 Nm 0 Nm 20 Nm +90° +90°



used for: **MITSUBISHI 6G72**

**Bare cylinder head**  
REF [CK272015NA](#)



**Valve clearance**



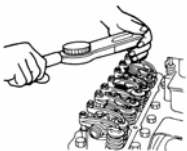
Hydraulic lifters

**Cylinder head bolt**

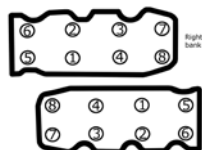


REF [CB272015](#) 16 pcs./eng.

**Torque specifications**



Cold: 90-100 Nm Hot: 90-100 Nm







used for: **MITSUBISHI S4E**

**Bare cylinder head**  
REF [CK272002NAA](#)



A: For injectors with M20 thread

**Valve clearance**



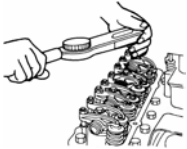
Cold: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

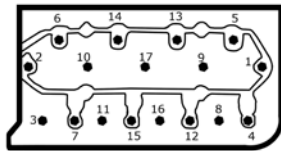


REF [CB272002](#) 17 pcs./eng.

**Torque specifications**



Cold: 120 Nm



used for: **MITSUBISHI S4E**

**Bare cylinder head**  
REF [CK272002NAB](#)



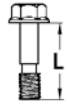
B: For injectors with M24 thread

**Valve clearance**



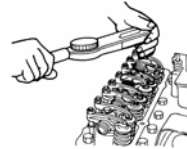
Cold: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

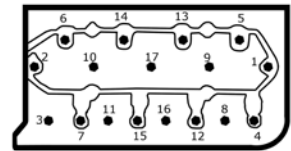


REF [CB272002](#) 17 pcs./eng.

**Torque specifications**



Cold: 120 Nm



used for: **MITSUBISHI S4E2**

**Bare cylinder head**  
REF [CK272003NAA](#)



A: For injectors with M20 thread

**Valve clearance**



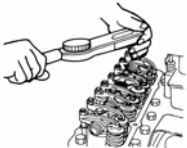
Cold: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

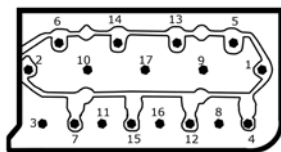


REF [CB272003](#) 17 pcs./eng.

**Torque specifications**



Cold: 120 Nm



used for: **MITSUBISHI S4E2**

**Bare cylinder head**  
REF [CK272003NAB](#)



B: For Injectors with M24 thread

**Valve clearance**



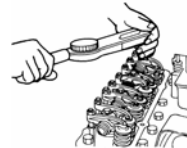
Cold: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

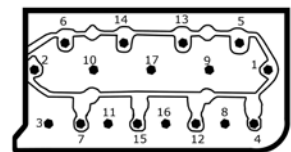


REF [CB272003](#) 17 pcs./eng.

**Torque specifications**



Cold: 120 Nm







used for: **MITSUBISHI S4Q2**

**Bare cylinder head**  
REF [CK272018NA](#)



**Valve clearance**



Cold: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

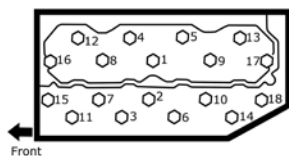


REF [CB272018](#) 18 pcs./eng.

**Torque specifications**



Cold: 120 Nm



Front

used for: **MITSUBISHI S4S**

**Bare cylinder head**  
REF [CK272010NA](#)

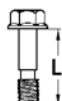


**Valve clearance**



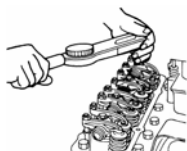
Cold: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

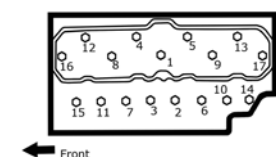


REF [CB272010](#) 17 pcs./eng.

**Torque specifications**



Cold: 120 Nm



Front

used for: **MITSUBISHI S4S**

**Complete cylinder head**  
REF [CK272010KP](#)



**Valve clearance**



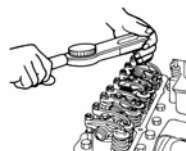
Cold: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

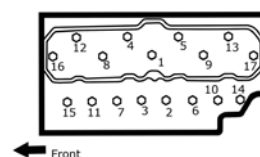


REF [CB272010](#) 17 pcs./eng.

**Torque specifications**



Cold: 120 Nm



Front



used for: **MITSUBISHI S6E**

**Bare cylinder head**  
REF [CK272004NAA](#)



A: REAR

**Valve clearance**



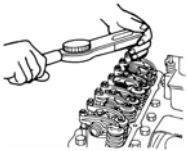
Cold: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

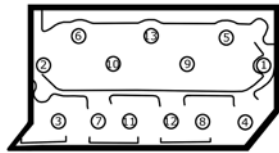


REF [CB272004](#) 13 pcs./eng.

**Torque specifications**



Cold: 120 Nm



used for: **MITSUBISHI S6E**

**Bare cylinder head**  
REF [CK272004NAV](#)



V: FRONT

**Valve clearance**



Cold: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

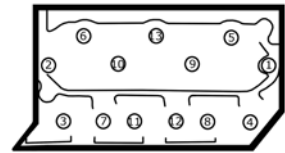


REF [CB272004](#) 13 pcs./eng.

**Torque specifications**



Cold: 120 Nm



used for: **MITSUBISHI S6E2**

**Bare cylinder head**  
REF [CK272005NAAA](#)



A: REAR, with M20 injector thread

**Valve clearance**



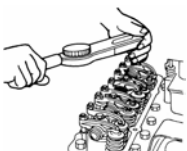
Cold: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

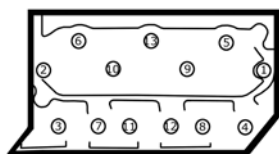


REF [CB272005](#) 13 pcs./eng.

**Torque specifications**



Cold: 120 Nm



used for: **MITSUBISHI S6E2**

**Bare cylinder head**  
REF [CK272005NAAV](#)



V: FRONT, with M20 injector thread

**Valve clearance**



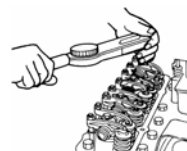
Cold: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

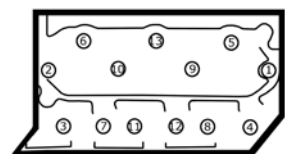


REF [CB272005](#) 13 pcs./eng.

**Torque specifications**



Cold: 120 Nm





used for: **MITSUBISHI S6K**

**Bare cylinder head**  
REF [CK272021NAA](#)

A: REAR

**Valve clearance**



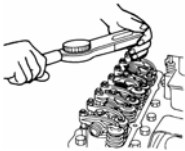
Cold: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

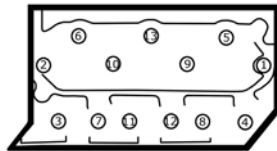


REF [CB272021](#) 13 pcs./eng.

**Torque specifications**



Cold: 125 Nm



used for: **MITSUBISHI S6K**

**Bare cylinder head**  
REF [CK272021NAV](#)

V: FRONT

**Valve clearance**



Cold: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

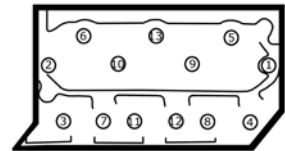


REF [CB272021](#) 13 pcs./eng.

**Torque specifications**



Cold: 125 Nm



used for: **MITSUBISHI S6S**

**Bare cylinder head**  
REF [CK272020NA](#)



**Valve clearance**



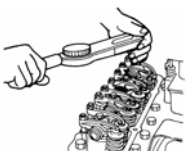
Cold: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

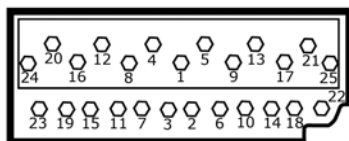


REF [CB272020](#) 25 pcs./eng.

**Torque specifications**



Cold: 120 Nm



used for: **MITSUBISHI S6S**

**Complete cylinder head**  
REF [CK272020KP](#)



**Valve clearance**



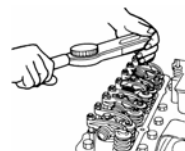
Cold: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

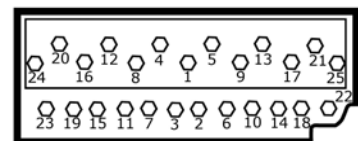


REF [CB272020](#) 25 pcs./eng.

**Torque specifications**



Cold: 120 Nm





used for: **NISSAN A15**

**Complete cylinder head**

REF [CK057008KP](#)

**Valve clearance**



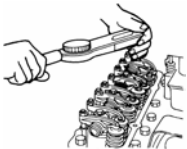
Hot: in: 0,35 mm ex: 0,35 mm

**Cylinder head bolt**

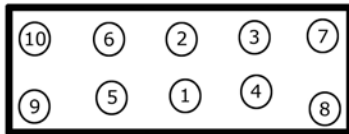


REF [CB057008A](#) 9 pcs./eng. L: 96 mm  
REF [CB057008B](#) 1 pcs./eng. L: 110 mm

**Torque specifications**



Cold: 80 Nm



used for: **NISSAN H15**

**Bare cylinder head**

REF [CK057013NA](#)



**Valve clearance**



Hot: in: 0,38 mm ex: 0,38 mm

**Cylinder head bolt**

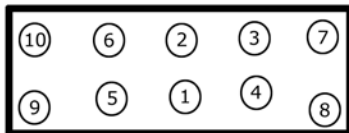


REF [CB057013](#) 10 pcs./eng.

**Torque specifications**



Cold: 85 Nm





used for: **NISSAN H20**

**Bare cylinder head**  
REF [CK057005NAA](#)

A: Thermostat in cyl. head fixation bolts for thermostat cover

**Valve clearance**



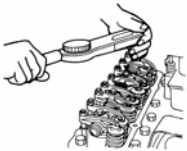
Hot: in: 0,38 mm ex: 0,38 mm

**Cylinder head bolt**

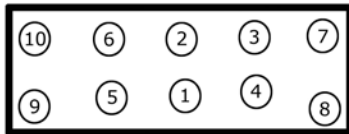


REF [CB057005A](#) 8 pcs./eng. L: 112 mm  
REF [CB057005B](#) 2 pcs./eng. L: 119 mm

**Torque specifications**



Cold: 100 Nm



used for: **NISSAN H20**

**Bare cylinder head**  
REF [CK057005NAB](#)

B: Thermostat not on cyl. head



**Valve clearance**



Hot: in: 0,38 mm ex: 0,38 mm

**Cylinder head bolt**

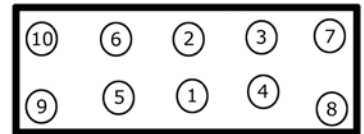


REF [CB057005C](#) 10 pcs./eng.

**Torque specifications**



Cold: 85 Nm



used for: **NISSAN H20**

**Complete cylinder head**  
REF [CK057005KPB](#)

B: Thermostat not on cyl. head



**Valve clearance**



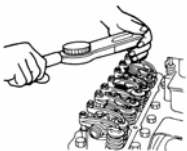
Hot: in: 0,38 mm ex: 0,38 mm

**Cylinder head bolt**

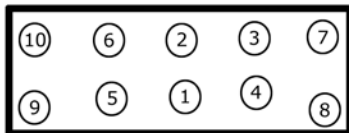


REF [CB057005C](#) 10 pcs./eng.

**Torque specifications**



Cold: 85 Nm



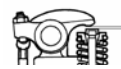
used for: **NISSAN H20**

**Bare cylinder head**  
REF [CK057005NAC](#)

C: Thermostat on cyl. head 2 fixation bolts for thermostat cover



**Valve clearance**



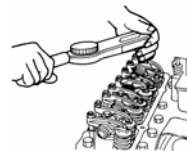
Hot: in: 0,38 mm ex: 0,38 mm

**Cylinder head bolt**

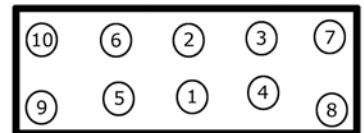


REF [CB057005A](#) 9 pcs./eng.  
REF [CB057005B](#) 1 pcs./eng.

**Torque specifications**



Cold: 85 Nm





used for: **NISSAN H20**

**Complete cylinder head**

REF [CK057005KPC](#)



C: Thermostat on cyl. head 2 fixation bolts for thermostat cover

**Valve clearance**



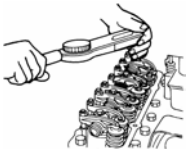
Hot: in: 0,38 mm ex: 0,38 mm

**Cylinder head bolt**

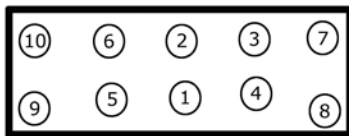


REF [CB057005A](#) 9 pcs./eng.  
REF [CB057005B](#) 1 pcs./eng.

**Torque specifications**



Cold: 85 Nm



used for: **NISSAN H25**

**Bare cylinder head**

REF [CK057010NA](#)



**Valve clearance**



Hot: in: 0,38 mm ex: 0,38 mm

**Cylinder head bolt**

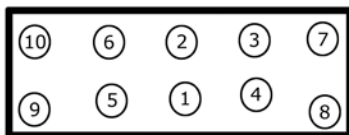


REF [CB057010](#) 10 pcs./eng.

**Torque specifications**



Cold: 95 Nm



used for: **NISSAN H25**

**Complete cylinder head**

REF [CK057010KP](#)



**Valve clearance**



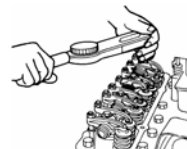
Hot: in: 0,38 mm ex: 0,38 mm

**Cylinder head bolt**

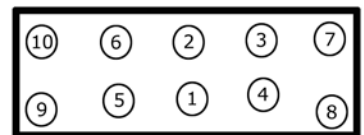


REF [CB057010](#) 10 pcs./eng.

**Torque specifications**



Cold: 95 Nm







used for: **NISSAN K15**

**Bare cylinder head**  
REF [CK057018NA](#)



**Valve clearance**



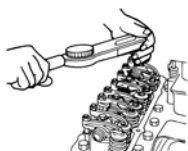
Hot: in: 0,38 mm ex: 0,38 mm

**Cylinder head bolt**

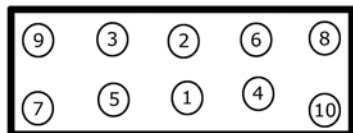


REF [CB057018](#) 10 pcs./eng.

**Torque specifications**



Cold: 20 Nm 70 Nm 0 Nm 25 Nm +90°



used for: **NISSAN K15**

**Complete cylinder head**  
REF [CK057018KP](#)



**Valve clearance**



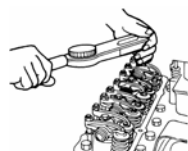
Hot: in: 0,38 mm ex: 0,38 mm

**Cylinder head bolt**

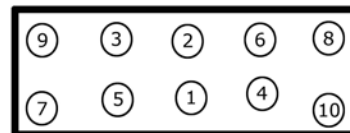


REF [CB057018](#) 10 pcs./eng.

**Torque specifications**



Cold: 20 Nm 70 Nm 0 Nm 25 Nm +90°



used for: **NISSAN K21**

**Bare cylinder head**  
REF [CK057019NA](#)



**Valve clearance**



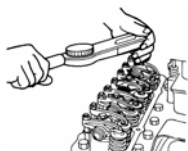
Hot: in: 0,38 mm ex: 0,38 mm

**Cylinder head bolt**

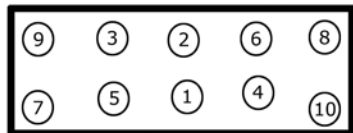


REF [CB057019](#) 10 pcs./eng.

**Torque specifications**



Cold: 20 Nm 70 Nm 0 Nm 25 Nm +90°



used for: **NISSAN K21**

**Complete cylinder head**  
REF [CK057019KP](#)



**Valve clearance**



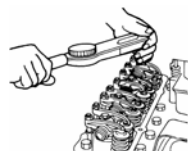
Hot: in: 0,38 mm ex: 0,38 mm

**Cylinder head bolt**

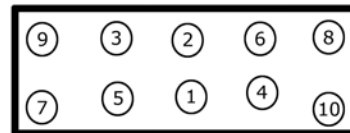


REF [CB057019](#) 10 pcs./eng.

**Torque specifications**



Cold: 20 Nm 70 Nm 0 Nm 25 Nm +90°





used for: **NISSAN K25**

**Bare cylinder head**  
REF [CK057020NA](#)



**Valve clearance**



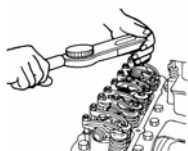
Hot: in: 0,38 mm ex: 0,38 mm

**Cylinder head bolt**

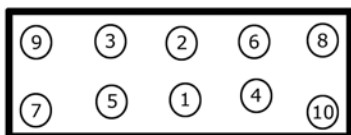


REF [CB057020](#) 10 pcs./eng.

**Torque specifications**



Cold: 20 Nm 70 Nm 0 Nm 25 Nm +90°



used for: **NISSAN K25**

**Complete cylinder head**  
REF [CK057020KP](#)



**Valve clearance**



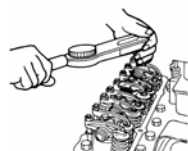
Hot: in: 0,38 mm ex: 0,38 mm

**Cylinder head bolt**

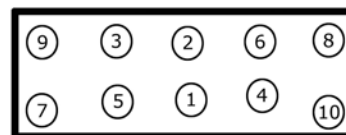


REF [CB057020](#) 10 pcs./eng.

**Torque specifications**



Cold: 20 Nm 70 Nm 0 Nm 25 Nm +90°



used for: **NISSAN SD22**

**Bare cylinder head**  
REF [CK057001NA](#)

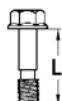


**Valve clearance**



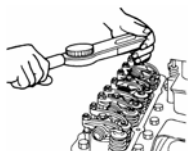
Hot: in: 0,35 mm ex: 0,35 mm

**Cylinder head bolt**

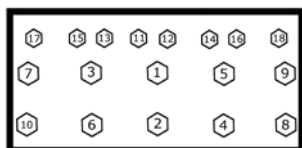


REF [CB057001A](#) 10 pcs./eng. L: 118 mm  
REF [CB057001B](#) 8 pcs./eng. L: 95 mm

**Torque specifications**



Cold: M10: 50 Nm M14: 120 Nm





used for: **NISSAN SD25**

**Bare cylinder head**

REF [CK057002NA](#)



**Valve clearance**



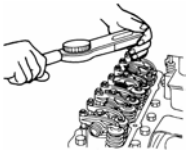
Hot: in: 0,35 mm ex: 0,35 mm

**Cylinder head bolt**

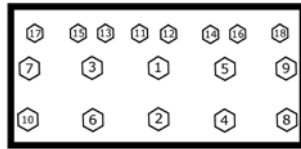


REF [CB057001A](#) 10 pcs./eng. L: 118 mm  
REF [CB057001B](#) 8 pcs./eng. L: 95 mm

**Torque specifications**



Cold: M10: 50 Nm M14: 120 Nm



used for: **NISSAN SD25**

**Complete cylinder head**

REF [CK057002KP](#)



**Valve clearance**



Hot: in: 0,35 mm ex: 0,35 mm

**Cylinder head bolt**

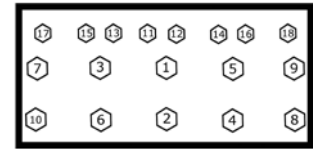


REF [CB057001A](#) 10 pcs./eng. L: 118 mm  
REF [CB057001B](#) 8 pcs./eng. L: 95 mm

**Torque specifications**



Cold: M10: 50 Nm M14: 120 Nm



used for: **NISSAN SD33T**

**Bare cylinder head**

REF [CK057003NA](#)



**Valve clearance**



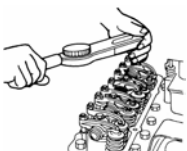
Cold: in: 0,36 mm ex: 0,36 mm

**Cylinder head bolt**

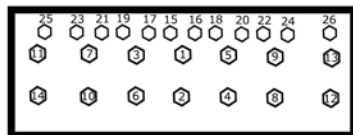


REF [CB057003A](#) 14 pcs./eng. L: 118 mm  
REF [CB057003B](#) 12 pcs./eng. L: 118 mm

**Torque specifications**



Cold: M10: 55 Nm M14: 70 Nm: 120 Nm





used for: **NISSAN TB42**

**Bare cylinder head**

REF [CK057015NA](#)



used for: **NISSAN TB42**

**Complete cylinder head**

REF [CK057015KP](#)



**Valve clearance**



Hot: in: 0,38 mm ex: 0,38 mm

**Cylinder head bolt**



REF [CB057015](#) 26 pcs./eng.

**Valve clearance**



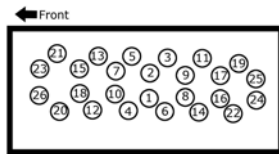
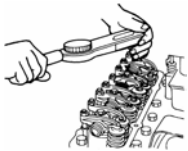
Hot: in: 0,38 mm ex: 0,38 mm

**Cylinder head bolt**



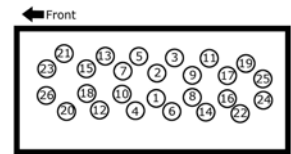
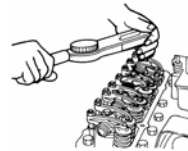
REF [CB057015](#) 26 pcs./eng.

**Torque specifications**



Cold: 30 Nm 60 Nm 0 Nm 30 Nm 75 Nm +70°

**Torque specifications**



Cold: 30 Nm 60 Nm 0 Nm 30 Nm 75 Nm +70°

used for: **NISSAN TD27**

**Bare cylinder head**

REF [CK057011NA](#)



used for: **NISSAN TD27**

**Complete cylinder head**

REF [CK057011KP](#)



**Valve clearance**



Hot: in: 0,35 mm ex: 0,35 mm

**Cylinder head bolt**



REF [CB057011](#) 18 pcs./eng.

**Valve clearance**



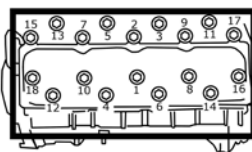
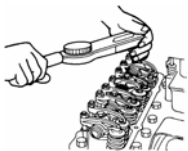
Hot: in: 0,35 mm ex: 0,35 mm

**Cylinder head bolt**



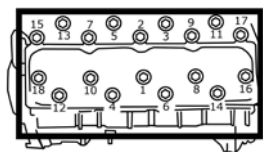
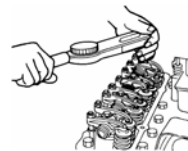
REF [CB057011](#) 18 pcs./eng.

**Torque specifications**



Cold: 40 Nm 60 Nm +90°

**Torque specifications**



Cold: 40 Nm 60 Nm +90°



used for: **NISSAN TD42**

**Bare cylinder head**

REF [CK057014NA](#)



**Valve clearance**



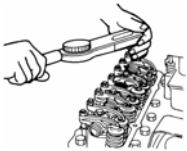
Hot: in: 0,35 mm ex: 0,35 mm

**Cylinder head bolt**

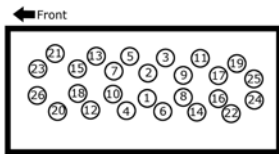


REF [CB057014](#) 26 pcs./eng.

**Torque specifications**



Cold: 110 Nm



used for: **NISSAN Z24**

**Bare cylinder head**

REF [CK057007NA](#)



**Valve clearance**



Hot: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**

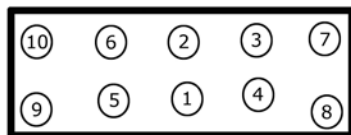


REF [CB057007](#) 10 pcs./eng.

**Torque specifications**



Cold: 100 Nm



used for: **NISSAN Z24**

**Complete cylinder head**

REF [CK057007KP](#)

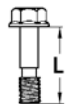


**Valve clearance**



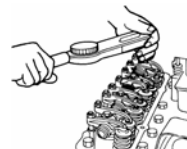
Hot: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**

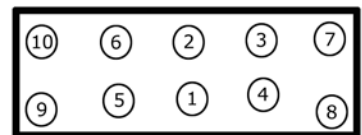


REF [CB057007](#) 10 pcs./eng.

**Torque specifications**



Cold: 100 Nm





used for: **PERKINS 4.203**

**Bare cylinder head**

REF [CK054002NA](#)



**Valve clearance**



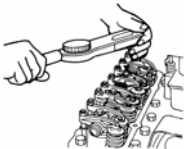
Hot: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

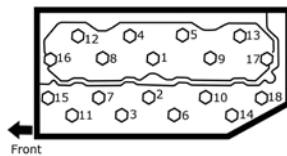


REF [CG054002A](#) 8 pcs./eng. SHORT  
REF [CG054002B](#) 10 pcs./eng. LONG

**Torque specifications**



Cold: 100 Nm



Front

used for: **PERKINS 4.203**

**Complete cylinder head**

REF [CK054002KP](#)



**Valve clearance**



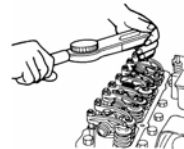
Hot: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**

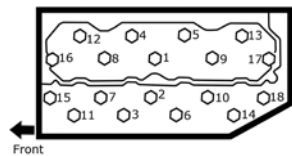


REF [CG054002A](#) 8 pcs./eng. SHORT  
REF [CG054002B](#) 10 pcs./eng. LONG

**Torque specifications**



Cold: 100 Nm



Front

used for: **PERKINS 4.236**

**Complete cylinder head**

REF [CK054001KP](#)



**Valve clearance**



Hot: in: 0,25 mm ex: 0,25 mm

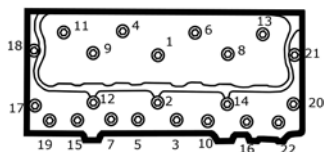
**Cylinder head bolt**



**Torque specifications**



Cold: 1/2" : 130 Nm 7/16" : 85 Nm







used for: **PERKINS 4.248.2**

**Complete cylinder head**

REF [CK054003KP](#)



**Valve clearance**



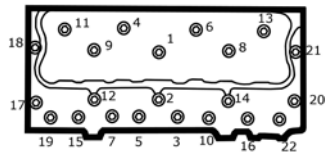
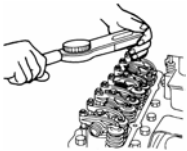
Hot: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**



REF [CG054003A](#) 6 pcs./eng.  
REF [CG054003B](#) 12 pcs./eng.  
REF [CG054003C](#) 2 pcs./eng.

**Torque specifications**



Cold: 7/16" : 85 Nm 1/2" : 130 Nm

used for: **PERKINS 6.354**

**Complete cylinder head**

REF [CK054005KP](#)

**Valve clearance**

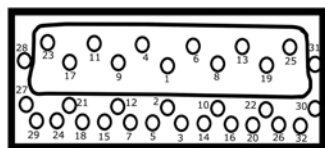
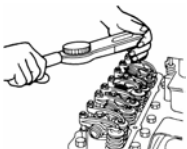


Hot: in: 0,25 mm ex: 0,25 mm

**Cylinder head bolt**



**Torque specifications**



Torque of cylinder head nuts 1/2" UNF: 136Nm  
Torque of cylinder head nuts 7/16" UNF: 81Nm



used for: **PERKINS 6.354.4**

**Complete cylinder head**

REF [CK054006KP](#)

**Valve clearance**



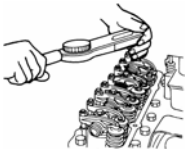
Cold: in: 0,2 mm ex: 0,45 mm

**Cylinder head bolt**

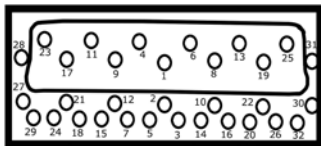


REF [CB054006A](#) 12 pcs./eng.  
REF [CB054006B](#) 6 pcs./eng.

**Torque specifications**



Cold: 130 Nm



used for: **PERKINS 903.27**

**Complete cylinder head**

REF [CK054008KPA](#)

A: S/N U3119248B ~ U330416D

**Valve clearance**



Cold: in: 0,2 mm ex: 0,45 mm

**Cylinder head bolt**

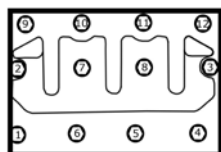


REF [CB054008](#) 8 pcs./eng.  
REF [CG054008](#) 4 pcs./eng.

**Torque specifications**



Cold: Bolts: 70 Nm +60° +60°  
Nuts: 60 Nm +60°



used for: **PERKINS 903.27**

**Complete cylinder head**

REF [CK054008KPB](#)

B: Until S/N U31192BB



**Valve clearance**



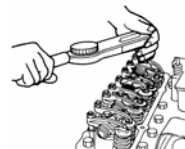
Cold: in: 0,2 mm ex: 0,45 mm

**Cylinder head bolt**

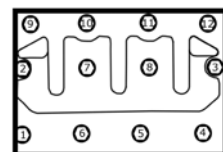


REF [CB054008A](#) 8 pcs./eng.  
REF [CB054008B](#) 4 pcs./eng.

**Torque specifications**



Cold: 70 Nm +60° +60°





used for: **PERKINS 903.27**

**Complete cylinder head**

REF [CK054008KPC](#)



C: From S/N U330417D

**Valve clearance**



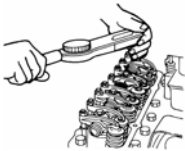
Cold: in: 0,2 mm ex: 0,45 mm

**Cylinder head bolt**

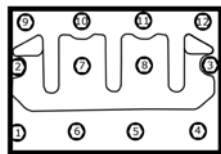


REF [CB054008A](#) 8 pcs./eng.  
REF [CB054008B](#) 4 pcs./eng.

**Torque specifications**



Cold: 70 Nm +60° +60°



used for: **PERKINS 1004.4**

**Complete cylinder head**

REF [CK054007KP](#)



**Valve clearance**



Cold: in: 0,2 mm ex: 0,45 mm

**Cylinder head bolt**

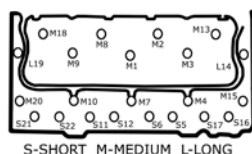


REF [CB054007A](#) 2 pcs./eng. LONG  
REF [CB054007B](#) 8 pcs./eng. SHORT  
REF [CB054007C](#) 12 pcs./eng. MEDIUM

**Torque specifications**



Cold: 110 Nm L:+210° S: +150° M: +180°





used for: **PEUGEOT XD3P**

**Bare cylinder head**  
REF [CK678001NAA](#)



A: Hight of cyl. head: 73 mm

**Valve clearance**



Cold: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**

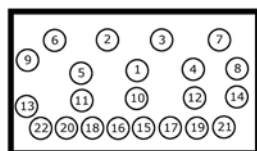


REF [CB678001A](#) 7 pcs./eng.  
REF [CB678001B](#) 7 pcs./eng.  
REF [CB678001C](#) 8 pcs./eng.

**Torque specifications**



Cold: 80 Nm



used for: **PEUGEOT XD3P**

**Complete cylinder head**  
REF [CK678001KPA](#)



A: Hight of cyl. head: 73 mm

**Valve clearance**



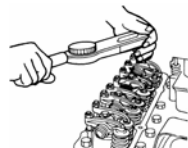
Cold: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**

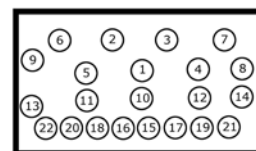


REF [CB678001A](#) 7 pcs./eng.  
REF [CB678001B](#) 7 pcs./eng.  
REF [CB678001C](#) 8 pcs./eng.

**Torque specifications**



Cold: 80 Nm



used for: **PEUGEOT XD3P**

**Bare cylinder head**  
REF [CK678001NAB](#)



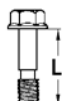
B: Hight of cyl. Head: 83 mm

**Valve clearance**



Cold: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**

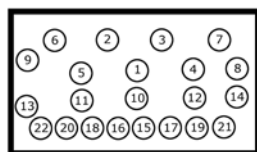


REF [CB678001A](#) 7 pcs./eng. L: 107,5 mm  
REF [CB678001B](#) 7 pcs./eng. L: 120 mm  
REF [CB678001C](#) 8 pcs./eng. L: 97,5 mm

**Torque specifications**



Cold: 80 Nm



used for: **PEUGEOT XD3P**

**Complete cylinder head**  
REF [CK678001KPB](#)



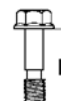
B: Hight of cyl. Head: 83 mm

**Valve clearance**



Cold: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**

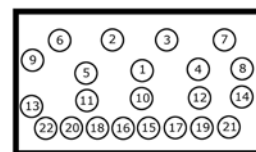


REF [CB678001A](#) 7 pcs./eng. L: 107,5 mm  
REF [CB678001B](#) 7 pcs./eng. L: 120 mm  
REF [CB678001C](#) 8 pcs./eng. L: 97,5 mm

**Torque specifications**



Cold: 80 Nm





used for: **TOYOTA 1DZ**

**Bare cylinder head**  
REF [CK058009NAA](#)



**Valve clearance**



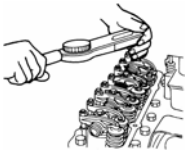
Cold: in: 0,2 mm ex: 0,36 mm

**Cylinder head bolt**

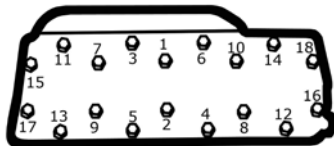


REF [CB058009](#) 18 pcs./eng.

**Torque specifications**



Cold: 100 Nm



used for: **TOYOTA 1DZ**

**Complete cylinder head**  
REF [CK058009KPA](#)



**Valve clearance**



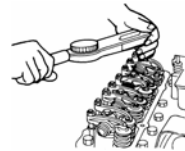
Cold: in: 0,2 mm ex: 0,36 mm

**Cylinder head bolt**

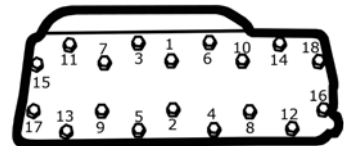


REF [CB058009](#) 18 pcs./eng.

**Torque specifications**



Cold: 100 Nm



used for: **TOYOTA 1DZII**

**Bare cylinder head**  
REF [CK058009NAB](#)



**Valve clearance**



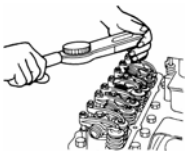
Hot: in: 0,2 mm ex: 0,36 mm

**Cylinder head bolt**

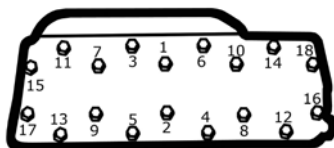


REF [CB058009](#) 18 pcs./eng.

**Torque specifications**



Cold: 100 Nm



used for: **TOYOTA 1DZII**

**Complete cylinder head**  
REF [CK058009KPB](#)



**Valve clearance**



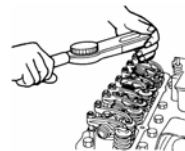
Hot: in: 0,2 mm ex: 0,36 mm

**Cylinder head bolt**

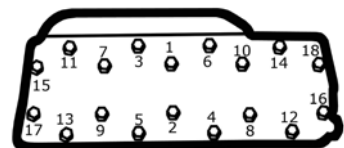


REF [CB058009](#) 18 pcs./eng.

**Torque specifications**



Cold: 100 Nm





used for: **TOYOTA 1Z**

**Bare cylinder head**  
REF [CK058003NA](#)



**Valve clearance**



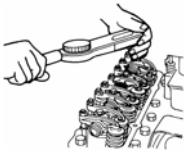
Hot: in: 0,2 mm ex: 0,36 mm

**Cylinder head bolt**

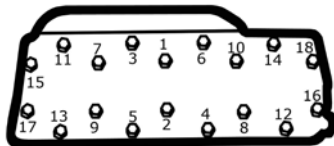


REF [CB058003](#) 18 pcs./eng.

**Torque specifications**



Cold: 120 Nm



used for: **TOYOTA 1Z**

**Complete cylinder head**  
REF [CK058003KP](#)



**Valve clearance**



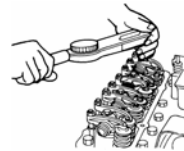
Hot: in: 0,2 mm ex: 0,36 mm

**Cylinder head bolt**

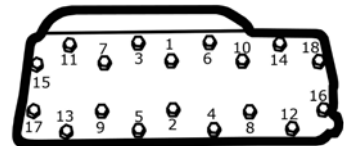


REF [CB058003](#) 18 pcs./eng.

**Torque specifications**



Cold: 120 Nm



used for: **TOYOTA 2H**

**Bare cylinder head**  
REF [CK058011NAA](#)



Old ~ 12/1982

**Valve clearance**



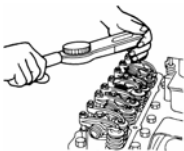
Hot: in: 0,2 mm ex: 0,35 mm

**Cylinder head bolt**

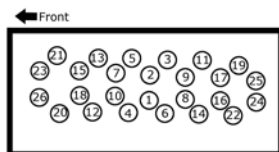


REF [CB058011A](#) 26 pcs./eng. L: 123 mm

**Torque specifications**



Cold: 120 Nm



used for: **TOYOTA 2H**

**Bare cylinder head**  
REF [CK058011NAB](#)



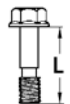
New 12/82-

**Valve clearance**



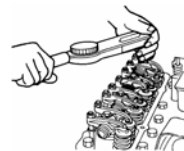
Hot: in: 0,2 mm ex: 0,35 mm

**Cylinder head bolt**

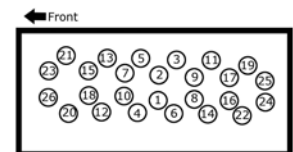


REF [CB058011B](#) 26 pcs./eng. L: 132 mm  
REF [CB058011C](#) 26 pcs./eng. L: 128 mm

**Torque specifications**



Cold: 120 Nm







used for: **TOYOTA 2J**

**Bare cylinder head**  
REF [CK058006NA](#)



**Valve clearance**



Hot: in: 0,2 mm ex: 0,36 mm

**Cylinder head bolt**

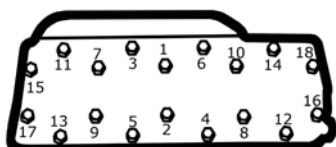


REF [CB058006](#) 18 pcs./eng.

**Torque specifications**



Cold: 100 Nm



used for: **TOYOTA 2J**

**Complete cylinder head**  
REF [CK058006KP](#)



**Valve clearance**



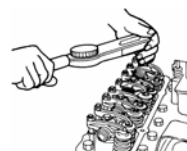
Hot: in: 0,2 mm ex: 0,36 mm

**Cylinder head bolt**

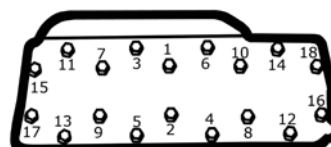


REF [CB058006](#) 18 pcs./eng.

**Torque specifications**



Cold: 100 Nm



used for: **TOYOTA 2Z**

**Bare cylinder head**  
REF [CK058016NAA](#)



A: 6-Series

**Valve clearance**



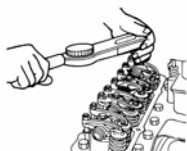
Hot: in: 0,2 mm ex: 0,36 mm

**Cylinder head bolt**

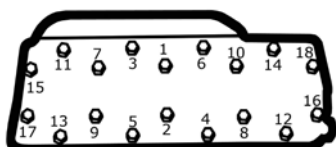


REF [CB058016](#) 18 pcs./eng.

**Torque specifications**



Cold: 120 Nm



used for: **TOYOTA 2Z**

**Complete cylinder head**  
REF [CK058016KPA](#)



A: 6-Series

**Valve clearance**



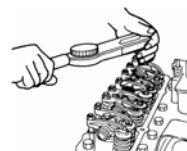
Hot: in: 0,2 mm ex: 0,36 mm

**Cylinder head bolt**

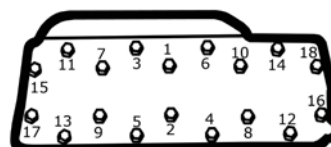


REF [CB058016](#) 18 pcs./eng.

**Torque specifications**



Cold: 120 Nm





used for: **TOYOTA 2Z**

**Bare cylinder head**  
REF [CK058016NAB](#)



B: 7-series

**Valve clearance**



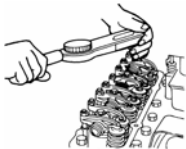
Hot: in: 0,2 mm ex: 0,36 mm

**Cylinder head bolt**

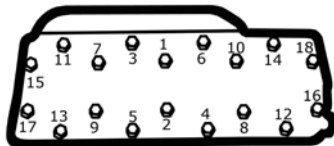


REF [CB058016](#) 18 pcs./eng.

**Torque specifications**



Cold: 120 Nm



used for: **TOYOTA 2Z**

**Complete cylinder head**  
REF [CK058016KPB](#)



B: 7-series

**Valve clearance**



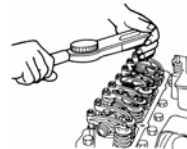
Hot: in: 0,2 mm ex: 0,36 mm

**Cylinder head bolt**

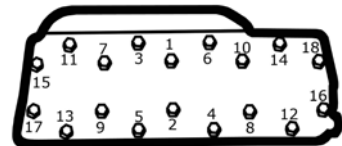


REF [CB058016](#) 18 pcs./eng.

**Torque specifications**



Cold: 120 Nm



used for: **TOYOTA 4P**

**Bare cylinder head**  
REF [CK058002NAA](#)



**Valve clearance**



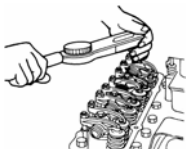
Hot: in: 0,2 mm ex: 0,36 mm

**Cylinder head bolt**

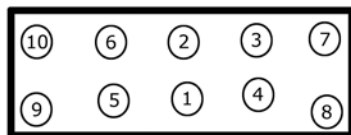


REF [CB058002](#) 10 pcs./eng.

**Torque specifications**



Cold: 110 Nm



used for: **TOYOTA 4P**

**Complete cylinder head**  
REF [CK058002KPA](#)



**Valve clearance**



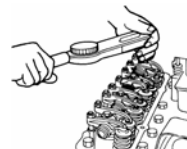
Hot: in: 0,2 mm ex: 0,36 mm

**Cylinder head bolt**

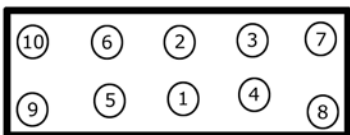


REF [CB058002](#) 10 pcs./eng.

**Torque specifications**



Cold: 110 Nm





used for: **TOYOTA 4P**

**Bare cylinder head**  
REF [CK058002NAB](#)



**Valve clearance**



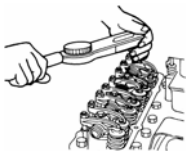
Hot: in: 0,2 mm ex: 0,36 mm

**Cylinder head bolt**

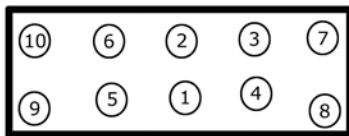


REF [CB058002](#) 10 pcs./eng.

**Torque specifications**



Cold: 110 Nm



used for: **TOYOTA 4P**

**Complete cylinder head**  
REF [CK058002KPB](#)



**Valve clearance**



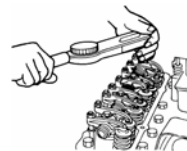
Hot: in: 0,2 mm ex: 0,36 mm

**Cylinder head bolt**

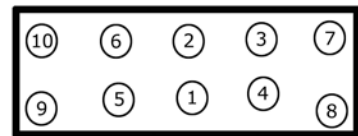


REF [CB058002](#) 10 pcs./eng.

**Torque specifications**



Cold: 110 Nm



used for: **TOYOTA 4Y**

**Bare cylinder head**  
REF [CK058007NA](#)



**Valve clearance**



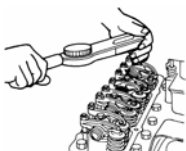
Hydraulic lifters

**Cylinder head bolt**

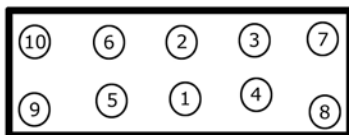


REF [CB058007](#) 10 pcs./eng.

**Torque specifications**



Cold: 100 Nm



used for: **TOYOTA 4Y**

**Complete cylinder head**  
REF [CK058007KP](#)



**Valve clearance**



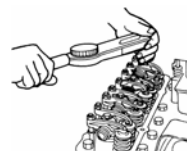
Hydraulic lifters

**Cylinder head bolt**

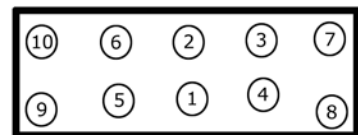


REF [CB058007](#) 10 pcs./eng.

**Torque specifications**



Cold: 3100 Nm





used for: **TOYOTA 5K**

**Bare cylinder head**  
REF [CK058008NA](#)



**Valve clearance**



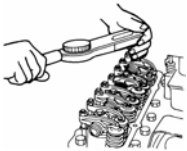
Hydraulic lifters

**Cylinder head bolt**

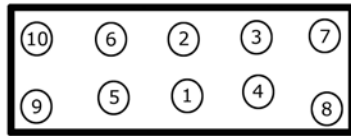


REF [CB058008](#) 10 pcs./eng.

**Torque specifications**



Cold: 20 Nm 40 Nm 60 Nm 0 Nm 60 Nm



used for: **TOYOTA 5K**

**Complete cylinder head**  
REF [CK058008KP](#)



**Valve clearance**



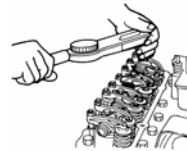
Hydraulic lifters

**Cylinder head bolt**

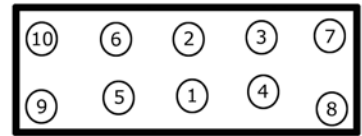


REF [CB058008](#) 10 pcs./eng.

**Torque specifications**



Cold: 20 Nm 40 Nm 60 Nm 0 Nm 60 Nm



used for: **VW 028B**

**Bare cylinder head**  
REF [CK504001NA](#)



**Valve clearance**



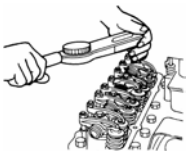
Hydraulic lifters

**Cylinder head bolt**

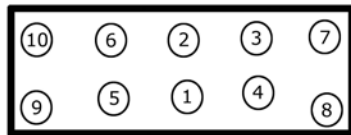


REF [CB504001](#) 10 pcs./eng.

**Torque specifications**



Cold: 40 Nm 90° 90°



used for: **VW 028B**

**Complete cylinder head with cam shaft**  
REF [CK504001KN](#)



**Valve clearance**



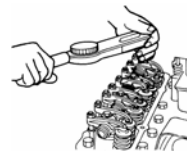
Hydraulic lifters

**Cylinder head bolt**

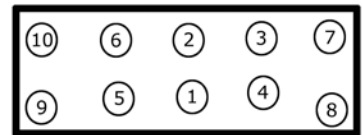


REF [CB504001](#) 10 pcs./eng.

**Torque specifications**



Cold: 40 Nm 90° 90°





used for: **VW 685**

**Bare cylinder head**  
REF [CK504005NA](#)



**Valve clearance**



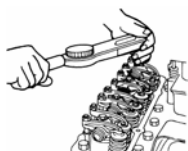
Hydraulic lifters

**Cylinder head bolt**

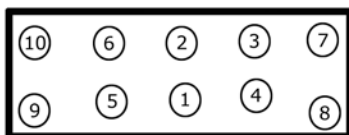


REF [CB504005B](#) 10 pcs./eng.

**Torque specifications**



Cold: 40 Nm 90° 90°



used for: **VW 685**

**Complete cylinder head with cam shaft**  
REF [CK504005KN](#)



**Valve clearance**



Hydraulic lifters

**Cylinder head bolt**

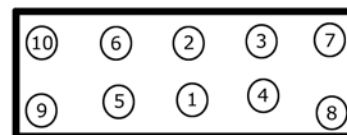


REF [CB504005B](#) 10 pcs./eng.

**Torque specifications**



Cold: 40 Nm 90° 90°



used for: **VW BEF**

**Bare cylinder head**  
REF [CK504006NA](#)



**Valve clearance**



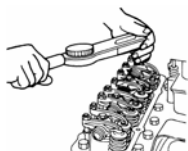
Hydraulic lifters

**Cylinder head bolt**

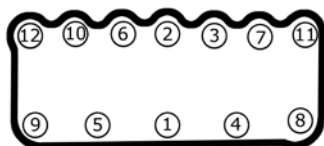


REF [CB504006](#) 10 pcs./eng.

**Torque specifications**



Cold: 40 Nm 90° 90°



used for: **VW BEF**

**Complete cylinder head with cam shaft**  
REF [CK504006KN](#)

**Valve clearance**



Hydraulic lifters

**Cylinder head bolt**

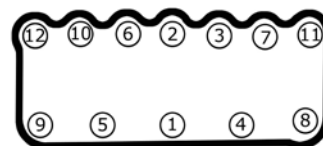


REF [CB504006](#) 10 pcs./eng.

**Torque specifications**



Cold: 40 Nm 90° 90°







used for: **VW BEQ**

**Bare cylinder head**  
REF [CK504007NA](#)



used for: **VW BEQ**

**Complete cylinder head with cam shaft**  
REF [CK504007KN](#)



**Valve clearance**



Hydraulic lifters

**Cylinder head bolt**



REF [CB504007](#) 10 pcs./eng.

**Valve clearance**



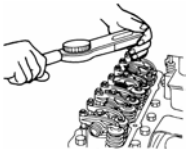
Hydraulic lifters

**Cylinder head bolt**

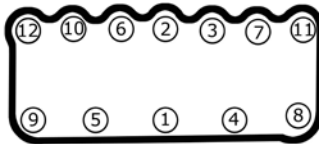


REF [CB504007](#) 10 pcs./eng.

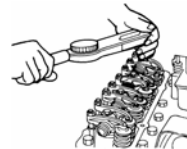
**Torque specifications**



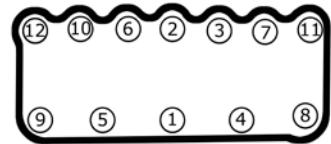
Cold: 30 Nm 60 Nm 90° 90°



**Torque specifications**



Cold: 30 Nm 60 Nm 90° 90°



used for: **VW BEU**

**Bare cylinder head**  
REF [CK504008NA](#)



used for: **VW BEU**

**Complete cylinder head with cam shaft**  
REF [CK504008KN](#)



**Valve clearance**



Hydraulic lifters

**Cylinder head bolt**



REF [CB504008](#) 10 pcs./eng.

**Valve clearance**



Hydraulic lifters

**Cylinder head bolt**

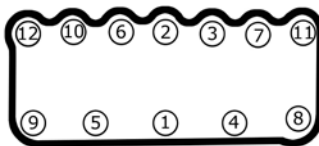


REF [CB504008](#) 10 pcs./eng.

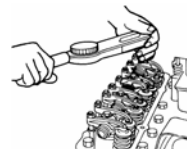
**Torque specifications**



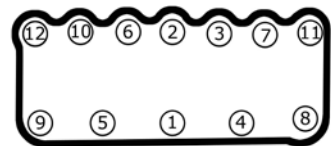
Cold: 30 Nm 60 Nm 90° 90°



**Torque specifications**



Cold: 30 Nm 60 Nm 90° 90°







used for: **VW BJC**

**Bare cylinder head**  
REF [CK504009NA](#)



used for: **VW BJC**

**Complete cylinder head with cam shaft**  
REF [CK504009KN](#)



**Valve clearance**



Hydraulic lifters

**Cylinder head bolt**



REF [CB504009](#) 10 pcs./eng.

**Valve clearance**



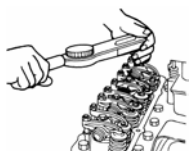
Hydraulic lifters

**Cylinder head bolt**

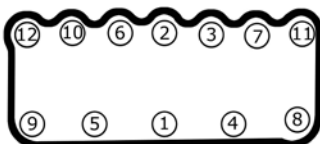


REF [CB504009](#) 10 pcs./eng.

**Torque specifications**



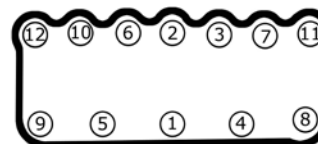
Cold: 30 Nm 60 Nm 90° 90°



**Torque specifications**



Cold: 30 Nm 60 Nm 90° 90°



used for: **YANMAR 4TNE92-NMH(A)**

**Bare cylinder head**  
REF [CK805001NA](#)



used for: **YANMAR 4TNE92-NMH(A)**

**Complete cylinder head**  
REF [CK805001KP](#)

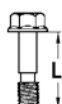


**Valve clearance**



Cold: in: 0,15-0,25 mm ex: 0,2 mm

**Cylinder head bolt**



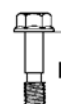
REF [CB805001](#) 18 pcs./eng.

**Valve clearance**



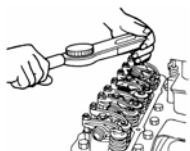
Cold: in: 0,2 mm ex: 0,2 mm

**Cylinder head bolt**

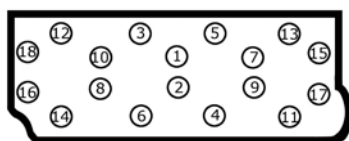


REF [CB805001](#) 18 pcs./eng.

**Torque specifications**



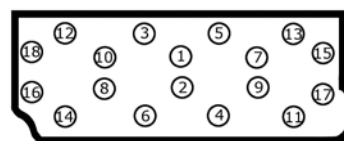
Cold: 60 Nm 110 Nm



**Torque specifications**



Cold: 60 Nm 110 Nm





used for: **YANMAR 4TNE94-SFW**

**Complete cylinder head**  
REF [CK805004KP](#)



**Valve clearance**



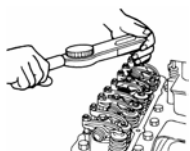
Cold: in: 0,3 mm ex: 0,3 mm

**Cylinder head bolt**

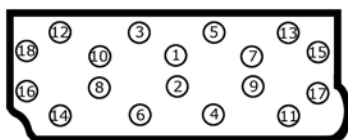


REF [CB805004](#) 18 pcs./eng.

**Torque specifications**



Cold: 70 Nm 100 Nm 130 Nm



used for: **YANMAR 4TNE98-NMH**

**Bare cylinder head**  
REF [CK805002NA](#)



**Valve clearance**



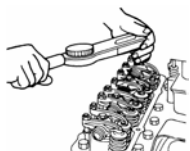
Cold: in: 0,2 mm ex: 0,2 mm

**Cylinder head bolt**

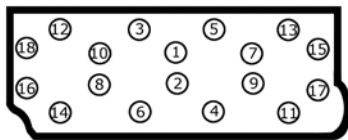


REF [CB805002](#) 18 pcs./eng.

**Torque specifications**



Cold: 60 Nm 110 Nm



used for: **YANMAR 4TNE98-NMH**

**Complete cylinder head**  
REF [CK805002KP](#)



**Valve clearance**



Cold: in: 0,2 mm ex: 0,2 mm

**Cylinder head bolt**

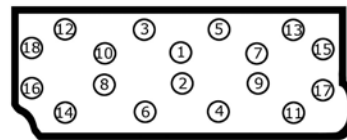


REF [CB805002](#) 18 pcs./eng.

**Torque specifications**



Cold: 60 Nm 110 Nm





used for: **YANMAR 4TNV94 L-VLX**

**Bare cylinder head**

REF [CK805003NA](#)



used for: **YANMAR 4TNV94 L-VLX**

**Complete cylinder head**

REF [CK805003KP](#)



**Valve clearance**



Cold: in: 0,15 - 0,25 mm ex: 0,15 - 0,25 mm

**Cylinder head bolt**



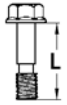
REF [CB805003](#) 18 pcs./eng.

**Valve clearance**



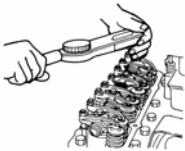
Cold: in: 0,15 - 0,25 mm ex: 0,15 - 0,25 mm

**Cylinder head bolt**

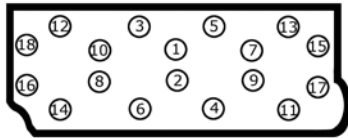


REF [CB805003](#) 18 pcs./eng.

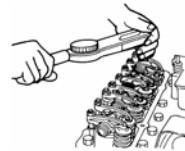
**Torque specifications**



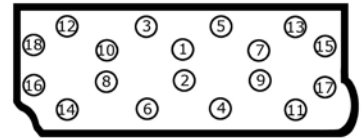
Cold: 110 Nm



**Torque specifications**



Cold: 110 Nm

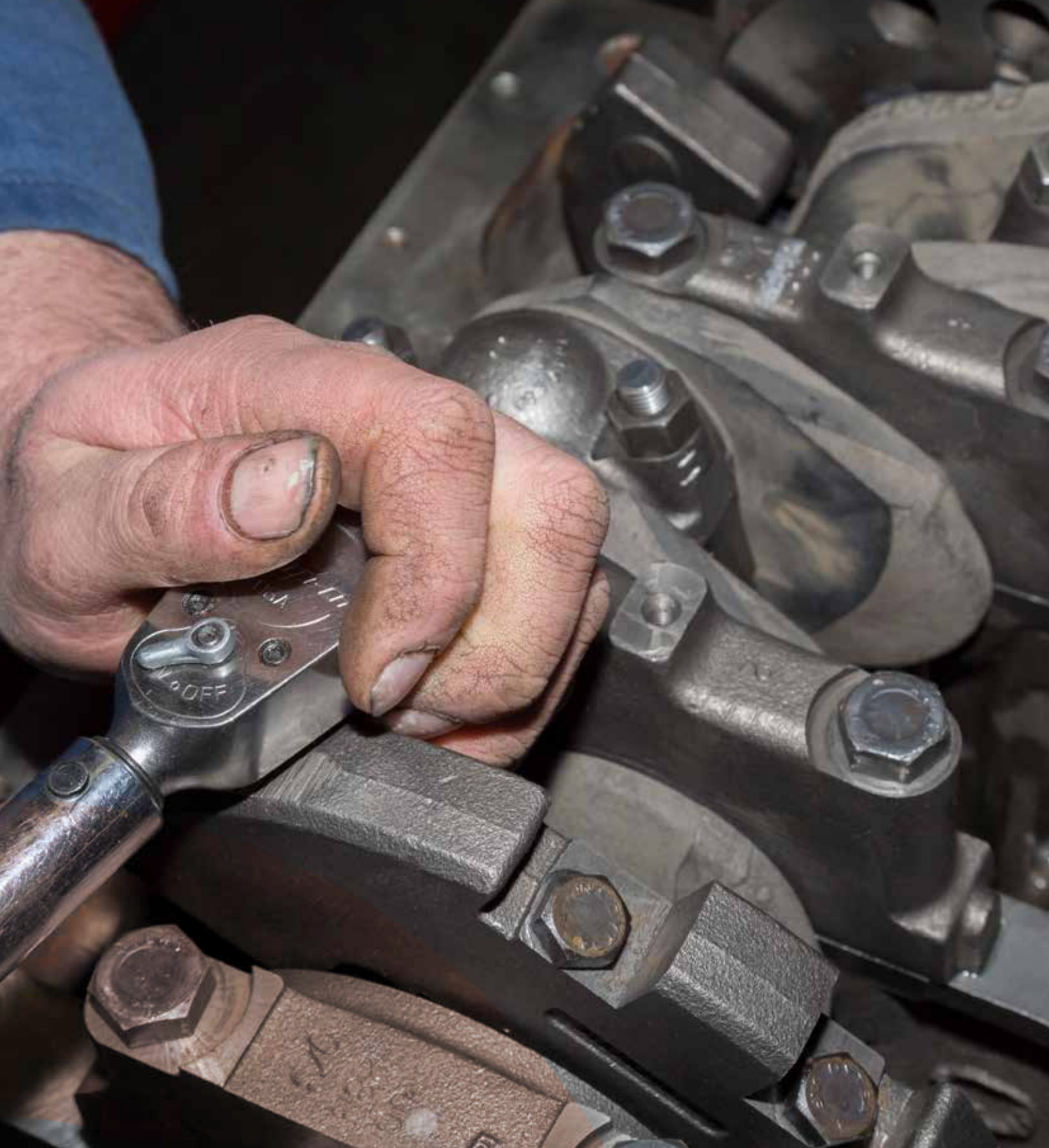




NOTES

## NOTES

A series of horizontal dotted lines for taking notes, spanning the width of the page.



# CRANKSHAFTS





Used for	Type	Remarks	REF
<b>CATERPILLAR</b>			
	1404		<a href="#">KR009001</a>
<b>CONTINENTAL</b>			
	F135		<a href="#">KR023001</a>
	F163		<a href="#">KR023002</a>
	F227		<a href="#">KR023003</a>
	F245		<a href="#">KR023004</a>
	G193		<a href="#">KR023005</a>
	TM20		<a href="#">KR023007</a>
	TM27		<a href="#">KR023008</a>
	TMD27		<a href="#">KR023009</a>
	Y112		<a href="#">KR023006</a>
<b>CUMMINS</b>			
	A2300		<a href="#">KR183002</a>
	B3.3 ESN 68307511		<a href="#">KR183004</a>
	B4.5RGT		<a href="#">KR183003</a>
	QSM11		<a href="#">KR183001</a>
<b>DEUTZ</b>			
	BF4M1012E	With bearings	<a href="#">KR380016</a>
	BF4M1012EC	With bearings	<a href="#">KR380017</a>
	BF4M2012		<a href="#">KR380018</a>
	BF6M1012E		<a href="#">KR380006</a>
	BF6M1013E		<a href="#">KR380008</a>
	BF6M2012		<a href="#">KR380007</a>
	F2L2011		<a href="#">KR380012</a>
	F3L912		<a href="#">KR380301</a>
	F3L912W		<a href="#">KR380304</a>
	F3L913G		<a href="#">KR380001</a>
	F3L1011		<a href="#">KR380013</a>
	F3L1011F		<a href="#">KR380014</a>
	F3L2011		<a href="#">KR380015</a>
	F3M2011		<a href="#">KR380004</a>
	F4L912		<a href="#">KR380302</a>
	F4L912W		<a href="#">KR380305</a>
	F4M2011		<a href="#">KR380005</a>
	F6L912		<a href="#">KR380303</a>
	F6L912W		<a href="#">KR380306</a>
	GF3L913		<a href="#">KR380002</a>
<b>FIAT</b>			
	8035-05-359		<a href="#">KR260001</a>
	8045-05-359		<a href="#">KR260002</a>
	8055-05-250		<a href="#">KR260006</a>
	8141-67-200		<a href="#">KR260003</a>





Used for	Type	Remarks	REF
	M205.16AA.149		<a href="#">KR260005</a>
	M705.19.149		<a href="#">KR260004</a>
<b>FORD</b>			
	4-172		<a href="#">KR090001</a>
	4-192		<a href="#">KR090002</a>
	BSD444		<a href="#">KR090009</a>
	BSD444T		<a href="#">KR090010</a>
<b>GM</b>			
	2.2L		<a href="#">KR556005</a>
	3.0L	Small BL 19,10 mm	<a href="#">KR556006A</a>
	3.0L	Wide BL 21,30 mm	<a href="#">KR556006B</a>
	4153		<a href="#">KR556002</a>
	4181		<a href="#">KR556001</a>
	6250		<a href="#">KR556003</a>
<b>HATZ</b>			
	2G30		<a href="#">KRM81009</a>
	2L40		<a href="#">KRM81003</a>
	3L40		<a href="#">KRM81004</a>
	3M40		<a href="#">KRM81002</a>
<b>HYUNDAI</b>			
	L4GC-G420FE		<a href="#">KRQ72001</a>
<b>IH</b>			
	BD154	With bearings	<a href="#">KR665001</a>
<b>ISUZU</b>			
	4FA1		<a href="#">KR134003</a>
	4FE1		<a href="#">KR134004</a>
	4JB1		<a href="#">KR134006</a>
	4JG2		<a href="#">KR134008</a>
	4LB1		<a href="#">KR134009</a>
	6BB1		<a href="#">KR134010</a>
	C221		<a href="#">KR134002</a>
	C240	With key M13 flywheel bolts	<a href="#">KR134001A</a>
	C240	Splines M12 flywheel bolts	<a href="#">KR134001B</a>
	DA220		<a href="#">KR134005</a>
	G201		<a href="#">KR134007</a>
<b>JOHN DEERE</b>			
	4045HMC92		<a href="#">KRA23001</a>
<b>KIA</b>			
	HA		<a href="#">KRQ73001</a>
<b>KOMATSU</b>			
	4D94E		<a href="#">KR107005</a>
	4D95S	With straight gear teeth	<a href="#">KR107001A</a>
	4D95S	With inclined gear teeth	<a href="#">KR107001B</a>
	4D105		<a href="#">KR107003</a>
	6D95L		<a href="#">KR107002</a>
	6D105-1		<a href="#">KR107006</a>
	S4D95L		<a href="#">KR107004</a>



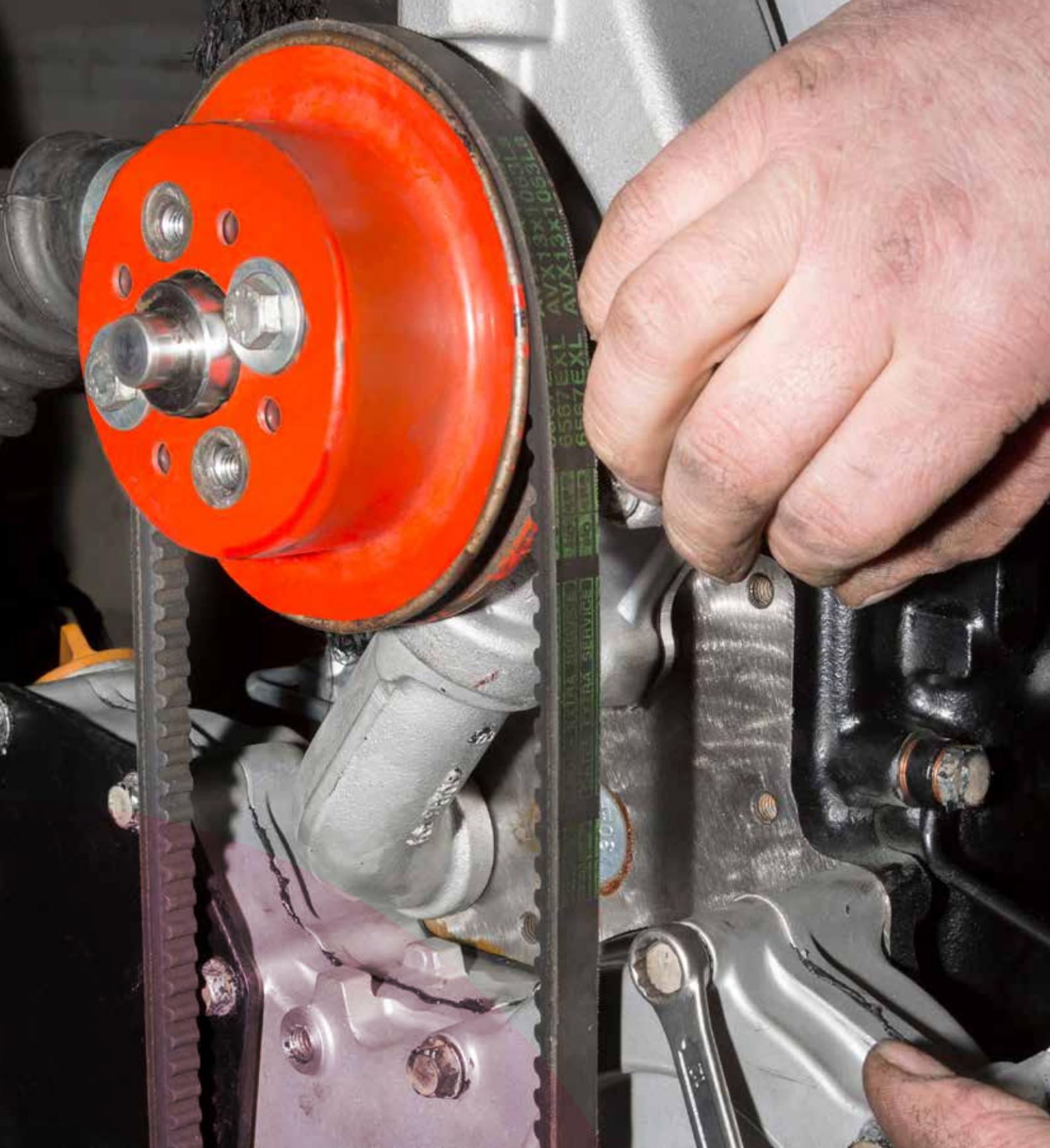
Used for	Type	Remarks	REF
<b>KUBOTA</b>			
	V1502		<a href="#">KR856001</a>
	VT1502		<a href="#">KR856002</a>
<b>MAZDA</b>			
	F2	Long nose, total length: 516 mm	<a href="#">KR395007A</a>
	F2	Short nose, total length: 495 mm	<a href="#">KR395007B</a>
	FE	Short nose, total length: 495 mm	<a href="#">KR395004A</a>
	FE	Long nose, total length: 516 mm	<a href="#">KR395004B</a>
	HA		<a href="#">KR395005</a>
	TM		<a href="#">KR395008</a>
	UA		<a href="#">KR395003</a>
	VA		<a href="#">KR395002</a>
	XA		<a href="#">KR395001</a>
	ZB		<a href="#">KR395006</a>
<b>MERCEDES</b>			
	OM314		<a href="#">KR676001</a>
	OM617		<a href="#">KR676002</a>
	OM904LA		<a href="#">KR686003</a>
<b>MITSUBISHI</b>			
	4DQ5		<a href="#">KR272001</a>
	4DQ7		<a href="#">KR272019</a>
	4G15		<a href="#">KR272017</a>
	4G33		<a href="#">KR272006</a>
	4G41		<a href="#">KR272014</a>
	4G52		<a href="#">KR272007</a>
	4G53		<a href="#">KR272008</a>
	4G54	Journal dia 60 mm	<a href="#">KR272009A</a>
	4G54	Journal dia 66 mm	<a href="#">KR272009B</a>
	4G63	Small bearings HL20,5 /BL21 mm	<a href="#">KR272012A</a>
	4G63	Wide bearings HL22,8 /BL23,4 mm	<a href="#">KR272012B</a>
	4G64	7 flywheel bolts	<a href="#">KR272011A</a>
	4G64	6 flywheel bolts	<a href="#">KR272011B</a>
	6G72		<a href="#">KR272015</a>
	K15		<a href="#">KR272022</a>
	K21		<a href="#">KR272023</a>
	K25		<a href="#">KR272024</a>
	KE42		<a href="#">KR272013</a>
	KE46		<a href="#">KR272016</a>
	S4E		<a href="#">KR272002</a>
	S4E2		<a href="#">KR272003</a>
	S4Q2		<a href="#">KR272018</a>
	S4S	Bare crankshaft	<a href="#">KR272010A</a>
	S4S	With gear 23 teeth	<a href="#">KR272010B</a>
	S4S	With gear 32 teeth	<a href="#">KR272010C</a>
	S6E		<a href="#">KR272004</a>
	S6E2	4 flywheel bolts	<a href="#">KR272005</a>
	S6K		<a href="#">KR272021</a>
	S6S		<a href="#">KR272020</a>
<b>NISSAN</b>			
	A12		<a href="#">KR057009</a>



Used for	Type	Remarks	REF
	A15		<a href="#">KR057008</a>
	BD30		<a href="#">KR057012</a>
	D11		<a href="#">KR057006</a>
	FD6		<a href="#">KR057021</a>
	H15		<a href="#">KR057013</a>
	H20	Small HL: 19 mm	<a href="#">KR057005A</a>
	H20	Wide HL: 28 mm	<a href="#">KR057005B</a>
	H25		<a href="#">KR057010</a>
	H30		<a href="#">KR057016</a>
	J15		<a href="#">KR057004</a>
	K15		<a href="#">KR057018</a>
	K21		<a href="#">KR057019</a>
	K25		<a href="#">KR057020</a>
	P40		<a href="#">KR057017</a>
	SD22		<a href="#">KR057001</a>
	SD25		<a href="#">KR057002</a>
	SD33T		<a href="#">KR057003</a>
	TB42		<a href="#">KR057015</a>
	TD27		<a href="#">KR057011</a>
	TD42		<a href="#">KR057014</a>
	Z24		<a href="#">KR057007</a>
<b>PERKINS</b>			
	4.108	Rope seal	<a href="#">KR054004</a>
	4.203	Rope seal	<a href="#">KR054002A</a>
	4.203	Lip seal	<a href="#">KR054002B</a>
	4.203.2		<a href="#">KR054009</a>
	4.236	Rope seal	<a href="#">KR054001A</a>
	4.236	Lip seal	<a href="#">KR054001B</a>
	4.2482	Central bolt	<a href="#">KR054003A</a>
	4.2482	3 bolts	<a href="#">KR054003B</a>
	6.354		<a href="#">KR054005</a>
	6.354.4	Lip seal	<a href="#">KR054006</a>
	704.26UB70443		<a href="#">KR054012</a>
	704.30UA80885		<a href="#">KR054013</a>
	903.27		<a href="#">KR054008</a>
	1004.4	Central bolt	<a href="#">KR054007A</a>
	1004.4	3 bolts	<a href="#">KR054007B</a>
	1006.6		<a href="#">KR054011</a>
	D3.152	Rope seal	<a href="#">KR054010</a>
<b>PEUGEOT</b>			
	XC7P		<a href="#">KR678004</a>
	XD3P		<a href="#">KR678001</a>
	XDP4.88		<a href="#">KR678002</a>
	XDP4.90		<a href="#">KR678003</a>
	XN1P		<a href="#">KR678005</a>
<b>RENAULT</b>			
	F3R262		<a href="#">KR746001</a>
	F3R264		<a href="#">KR746002</a>
<b>TOYOTA</b>			
	1DZ		<a href="#">KR058009</a>



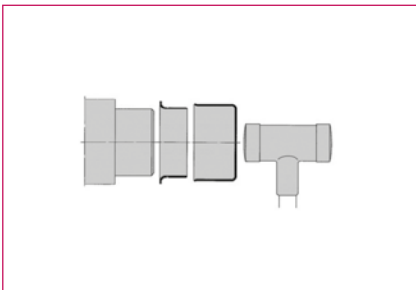
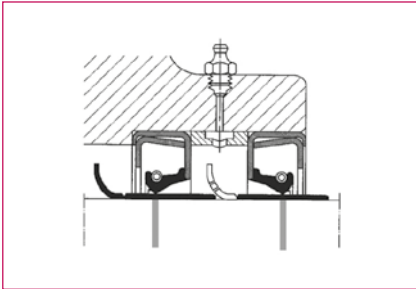
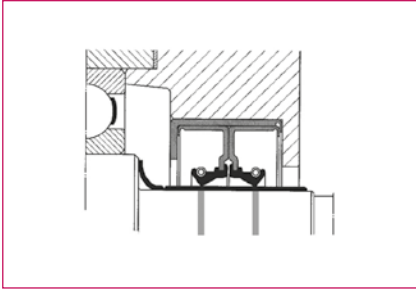
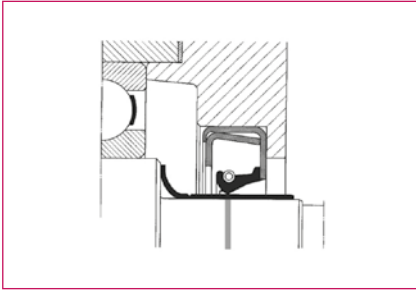
Used for	Type	Remarks	REF
	1Z	Wide HL: 25,5 mm	<a href="#">KR058003A</a>
	1Z	Small HL: 22,5 mm	<a href="#">KR058003B</a>
	2F		<a href="#">KR058019</a>
	2H		<a href="#">KR058011</a>
	2J		<a href="#">KR058006</a>
	2Z		<a href="#">KR058016</a>
	3F	Untill 02/1994	<a href="#">KR058020A</a>
	3F	From 02/1994 on	<a href="#">KR058020B</a>
	3P		<a href="#">KR058001</a>
	4P	PTO with gears, 2 key ways	<a href="#">KR058002A</a>
	4P	PTO with chain, 3 key ways	<a href="#">KR058002B</a>
	4Y		<a href="#">KR058007</a>
	5K		<a href="#">KR058008</a>
	5P		<a href="#">KR058005</a>
	5R		<a href="#">KR058004</a>
	11Z		<a href="#">KR058010</a>
	12Z		<a href="#">KR058021</a>
	13Z		<a href="#">KR058023</a>
	14Z		<a href="#">KR058022</a>
	F		<a href="#">KR058018</a>
	H		<a href="#">KR058012</a>
	V1502		<a href="#">KR058013</a>
	V1512		<a href="#">KR058015</a>
	V1512T		<a href="#">KR058017</a>
	VT1502		<a href="#">KR058014</a>
<b>VOLVO</b>			
	TD61AW		<a href="#">KR812001</a>
	TD71AW	6 flywheel bolts	<a href="#">KR812002</a>
	TD100G		<a href="#">KR812003</a>
<b>VW</b>			
	ADG		<a href="#">KR504001</a>
	ADF 026.2		<a href="#">KR504002</a>
	ADK 0685		<a href="#">KR504005</a>
	BEF		<a href="#">KR504006</a>
	BEQ		<a href="#">KR504007</a>
	BEU		<a href="#">KR504008</a>
	BJC		<a href="#">KR504009</a>
	BMF		<a href="#">KR504010</a>
<b>WAUKESHA</b>			
	D155G		<a href="#">KR122001</a>
	D176G		<a href="#">KR122002</a>
<b>YANMAR</b>			
	4TNE92-NMH(A)		<a href="#">KR805001</a>
	4TNE94-SFW		<a href="#">KR805004</a>
	4TNE98-NMH		<a href="#">KR805002</a>
	4TNV94 L-VLX		<a href="#">KR805003</a>



# ENGINE REPAIR SHOP



## SPEEDI-SLEEVE®



For shaft seals to perform efficiently, the condition of the shaft seating is of vital importance.

Preferably the surface should be hardened and ground without directional grooves. High pressures, temperatures and speeds, inadequate lubrication and solid contaminants all have a negative influence on sealing performance and also lead to grooving on the shaft.

In such cases, a simple seal replacement will not solve the problem, and it is generally necessary to rework the shaft. Such reworking is time-consuming and costly. Wear sleeves have been designed to eliminate the need for reworking.

They are simply pushed over the damaged surface, enabling the shaft to be re-used within minutes - and at a fraction of the cost of traditional reworking.

Speedi-sleeves are made of stainless steel and have a wall thickness of 0,254 mm (0.01 inch).

Because of the thickness, the diameter of the seal seating will only be increased by about 0,5 mm so that it is possible to use replacement seals of the same size as the original one.

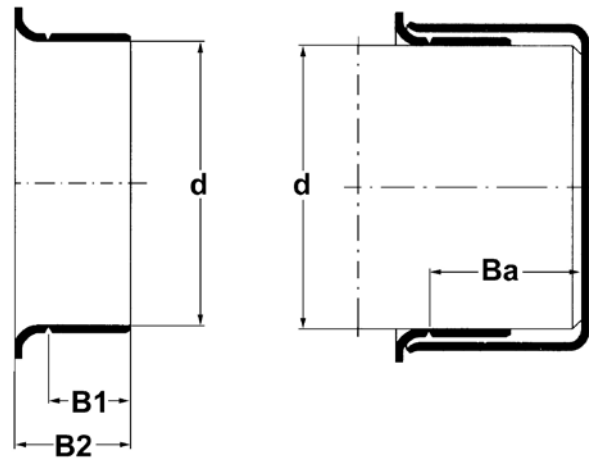
All Speedi-sleeves have a removable installation flange at one side, for easy mounting together with the mounting tool supplied with each sleeve. The flange can be removed easily as a pre-cut tear groove is provided.







## SPEEDI-SLEEVE® MEASUREMENT TABLE



Ø d	B1	REF
20,00 mm		107TA5855
22,23 mm		107TA5856
25,00 mm		107TA5857
25,40 mm		107TA5858
27,00 mm		107TA5859
28,00 mm		107TA5860
28,58 mm		107TA5861
30,00 mm		107TA5862
31,80 mm		107TA5863
32,00 mm		107TA5864
33,35 mm		107TA5865
34,01 mm		107TA5866
34,93 mm	12,7 mm	107TA5867
34,93 mm	13,0 mm	107TA5868
36,60 mm		107TA5869
38,10 mm		107TA5870
40,08 mm		107TA5871
41,28 mm		107TA5872
41,90 mm		107TA5873
44,45 mm		107TA5874
45,00 mm		107TA5875
46,05 mm		107TA5876
47,63 mm		107TA5877
48,03 mm		107TA5878
48,56 mm		107TA5879
49,23 mm		107TA5880
50,00 mm		107TA5881
50,80 mm		107TA5882
52,40 mm		107TA5883
53,98 mm		107TA5884
55,00 mm		107TA5885
55,58 mm		107TA5886
57,15 mm		107TA5887
60,00 mm		107TA5888

Ø d	B1	REF
60,33 mm		107TA5889
61,93 mm		107TA5890
63,50 mm		107TA5891
65,00 mm		107TA5892
66,68 mm	12,7 mm	107TA5893
66,68 mm	19,8 mm	107TA5894
69,85 mm		107TA5895
70,00 mm		107TA5896
73,03 mm		107TA5897
75,00 mm		107TA5898
76,20 mm	20,6 mm	107TA5899
76,20 mm	15,9 mm	107TA5900
79,38 mm		107TA5901
80,00 mm		107TA5902
82,55 mm		107TA5903
82,00 mm		107TA5904
84,07 mm		107TA5905
88,90 mm		107TA5906
90,00 mm		107TA5907
91,97 mm		107TA5908
92,08 mm		107TA5909
95,25 mm		107TA5910
95,00 mm		107TA5911
100,00 mm		107TA5912
101,60 mm		107TA5913
107,95 mm		107TA5914
109,93 mm		107TA5915
111,13 mm		107TA5916
114,30 mm		107TA5917
120,00 mm		107TA5918
120,65 mm		107TA5919
127,00 mm		107TA7678
133,35 mm		107TA5920
152,40 mm		107TA5921

Other dimensions available



## U-CUPS

Dia	REF	Dia	REF	Dia	REF
8 mm	107TA5635	37 mm	103TA2305	7/16"	103TA2324
10 mm	103TA2268	38 mm	103TA2307	1/2"	107TA5626
12 mm	103TA2270	40 mm	103TA2309	9/16"	103TA2326
14 mm	107TA5636	42 mm	103TA2310	19/32"	103TA2279
15 mm	103TA2273	44 mm	103TA2311	3/4"	107TA5627
16 mm	107TA5637	45 mm	103TA2314	13/16"	103TA2271
17 mm	107TA5638	47 mm	103TA2316	7/8"	103TA2325
18 mm	107TA5639	48 mm	107TA5643	15/16"	107TA5628
20 mm	103TA2286	50 mm	103TA2318	1"	103TA2293
21 mm	103TA2287	51 mm	103TA2319	1 1/8"	107TA5629
22 mm	103TA2289	55 mm	103TA2321	1 3/16"	107TA5630
24 mm	103TA2290			1 1/4"	103TA2251
25 mm	103TA2291			1 5/16"	107TA5631
26 mm	103TA2292			1 1/2"	107TA5632
27 mm	103TA2295			1 5/8"	103TA2260
28 mm	103TA2296			1 7/8"	107TA5633
30 mm	103TA2299			2"	103TA2280
32 mm	107TA5640			2 1/4"	103TA2281
34 mm	107TA5641			2 3/8"	103TA2282
35 mm	107TA5642			2 1/2"	107TA5634
36 mm	103TA2304			2 7/8"	103TA2283



## BEND CUPS

Dia	REF	Dia	REF	Dia	REF
8 mm	103TA2384	51 mm	103TA2387	1 3/16"	103TA2335
12 mm	103TA2346	52 mm	107TA5623	1 1/4"	103TA2331
14 mm	103TA2348	55 mm	107TA5624	1 5/16"	103TA2339
15 mm	103TA2349	56 mm	103TA2390	1 3/8"	103TA2337
16 mm	107TA5619	58 mm	107TA5625	1 7/16"	103TA2341
18 mm	103TA2351	60 mm	103TA2392	1 1/2"	103TA2329
20 mm	103TA2361	62 mm	103TA2393	1 9/16"	103TA2343
21 mm	103TA2362	64 mm	103TA2395	1 5/8"	103TA2340
22 mm	103TA2363	65 mm	103TA2396	1 11/16"	103TA2333
25 mm	103TA2364	80 mm	103TA2399	1 47/64"	107TA5615
28 mm	103TA2366			1 3/4"	103TA2336
30 mm	103TA2371			1 7/8"	107TA5616
32 mm	103TA2372			1 15/16"	103TA2334
33 mm	103TA2373			2"	103TA2352
34 mm	103TA2374			2 1/16"	107TA5617
35 mm	103TA2375			2 1/8"	103TA2356
36 mm	107TA5620			2 7/32"	103TA2360
38 mm	103TA2377			2 1/4"	103TA2355
39 mm	103TA2378			2 3/8"	103TA2359
40 mm	103TA2379			2 3/4"	107TA5618
42 mm	107TA5621			2 15/16"	103TA2357
45 mm	103TA2382			3"	103TA2367
48 mm	103TA2383			3 1/4"	103TA2368
50 mm	107TA5622				





## SPARK PLUGS



We use Denso as our main spark plug program supplier. Exceptions are specific brand-only types, or where we follow the specifications of the engine manufacturer.



### Some of the known brands and types

#### AC Delco – Plug type

· 41101	· 41908	· 41947	· 44F	· C42CXLS	· C88L	· MR43LTS	· R43TSX	· R45XLS
· 41600	· 41910	· 41948	· 44NS	· C43	· CR42CLTS	· MR44T	· R43XL	· R46T
· 41601	· 41913	· 41950	· 44XL	· C44	· CR42TS	· R42CLTS	· R43XLS	· R46TS
· 41602	· 41919	· 41952	· 45	· C44NS	· CR43	· R42CTS	· R44	· R46TSX
· 41603	· 41921	· 41963	· 45TS	· C44XL	· CR43TS	· R42LTS	· R44LTS	· R83CT
· 41606	· 41928	· 41975	· 45XL	· C49	· CR43TSM	· R42LTSM	· R44LTSM	· S102F
· 41628	· 41929	· 41987	· 45XLS	· C81	· CR44TS	· R42T	· R44TS	· S104F
· 41629	· 41931	· 41993	· 46	· C82	· CR45TS	· R42TS	· R44XL	· S122F
· 41900	· 41932	· 42XLS	· 46N	· C83	· CS41	· R42TSM	· R44XLS	
· 41902	· 41936	· 436T	· 46TS	· C83T	· CS42	· R42XLS	· R45NS	
· 41904	· 41937	· 43F	· 46XLS	· C85S	· CS45	· R43	· R45S	
· 41905	· 41940	· 43XL	· 83CTS	· C86	· CS49	· R43LTS	· R45T	
· 41906	· 41942	· 43XLS	· 84TS	· C87	· FR5LS	· R43LTSE	· R45TS	
· 41907	· 41943	· 44	· 8C	· C88	· M8	· R43TS	· R45TSX	

#### Autolite – Plug type

· 103	· 24	· 306	· 4056	· 5184	· 766	· AP2744	· AP85	· APP5245
· 104	· 25	· 3136	· 4164	· 5224	· 85	· AP303	· AP86	· APP605
· 105	· 2545	· 316	· 4194	· 5245	· 86	· AP403	· APP103	· APP606
· 106	· 255	· 317	· 4252	· 565	· 985	· AP404	· APP104	· APP646
· 124	· 258	· 373	· 4263	· 605	· 996	· AP425	· APP106	· APP65
· 144	· 26	· 386	· 4265	· 62	· AG22	· AP45	· APP2544	· APP66
· 145	· 2695	· 388	· 437	· 63	· AP104	· AP46	· APP2545	· APP765
· 147	· 273	· 3923	· 45	· 64	· AP124	· AP5125	· APP2546	· XP5245
· 16	· 2744	· 3924	· 46	· 65	· AP2543	· AP5405	· APP3926	
· 2224	· 295	· 3926	· 5125	· 66	· AP2544	· AP64	· APP45	
· 2243	· 2976	· 404	· 5143	· 764	· AP2545	· AP646	· APP46	
· 23	· 303	· 405	· 5144	· 765	· AP2546	· AP847	· APP5125	

#### Beru – Plug type

· 145DTU	· 148DTU	· 14FR6DU	· 14K6DU	· 14R8DU	· Z15	· Z31
· 146DTU	· 148DU	· 14FR7DPU2	· 14K7DU	· 14Z3CU	· Z16	· Z52
· 146DU	· 149DU	· 14FR7DU	· 14KR6DU	· 18K6BU	· Z2	· Z72
· 147BU	· 14F6DTU	· 14FR7DUX	· 14KR7DU	· S5	· Z20	· Z76
· 147CU	· 14FGH7DTURX	· 14FR8DU	· 14R6DU	· S9	· Z24	· Z90
· 147DU	· 14FR4DPU	· 14K5DU	· 14R7DU	· Z11	· Z25	· Z95

#### Motorcraft – Plug type

· A7	· AG1	· AGFS22C1	· AGR42C	· AGSF22C	· AGSF42FM	· ASF42	· AWSF42P	· BRF31
· A7NX	· AG2	· AGPR22PP	· AGR52	· AGSF22FM	· AGSF52C	· ASF42C	· AWSF52	· BRF32C
· A7X	· AG22	· AGPR32C	· AGRF22	· AGSF22FM1	· AGSP52C	· ASF52	· AWSF52C	· BSF3
· AE32	· AG22C	· AGPR902C	· AGRF22C	· AGSF24C	· AL5	· ASF52C	· AWSF54C	· BSF42C
· AE32C	· AG32C	· AGPR902C1	· AGRF22C1	· AGSF24N	· AL7	· AWRP32	· AWSFA32C	· BT8
· AE6	· AG4	· AGR1Z	· AGRF22PP	· AGSF32C	· AL7C	· AWSF22C	· AYFS22FM	· BTF3
· AF22	· AG42C	· AGR22	· AGRF32	· AGSF32FM	· AR42	· AWSF22E	· B6	· BTF31
· AF42	· AG5	· AGR22C	· AGRF32C1	· AGSF32YPC	· AR52	· AWSF32C	· BF22	· BTS8
· AF42C	· AG52	· AGR32	· AGS22C	· AGSF33C	· ARF42	· AWSF32F	· BF22C	
· AF52	· AG52C	· AGR32C	· AGS32C	· AGSF34C	· ARF52	· AWSF32PP	· BF3X	
· AF901	· AGF12C	· AGR42	· AGS52C	· AGSF34FP	· ASF32C	· AWSF42C	· BF42	

For other types or brands, please contact your sales advisor.



## SPARK PLUGS

### Bosch – Plug type

· D10BC	· FR5DP1	· H7DC	· HR9A	· W10A	· W7BC	· W9DP	· WR8D
· D6B	· FR5DPP222	· H7LDCR	· HR9AC	· W10AC	· W7BP	· W9EC	· WR8DC
· D6BC	· FR6DC	· H8BC	· HR9B	· W10CC	· W7C	· W9EC0	· WR8DC04
· D6BP	· FR6DP1	· H8DC	· HR9BC	· W10D	· W7CC	· WC8DC	· WR8DC4
· D7AC	· FR6DPP22	· H9BC	· HR9BP	· W10DC	· W7D	· WR10FC	· WR8DCX
· D7B	· FR6LTC	· H9DC	· HR9BPX	· W10E	· W7DC	· WR3CC	· WR8E
· D7BC	· FR78X	· H9DCY	· HR9D	· W11E0	· W7DC0	· WR3CTC	· WR8EC
· D7BP	· FR7DC	· HR10AC	· HR9DC	· W125T1	· W7DTC	· WR4CC	· WR8FC
· D8A	· FR7DC0	· HR10B	· HR9DI33Y	· W145T1	· W7EC	· WR5CC	· WR8LTC
· D8AC	· FR7DP	· HR10BC	· HR9DPX	· W145T30	· W7LTCR	· WR5DC	· WR9D
· D8BC	· FR7DPX	· HR10BCX	· HR9DPY	· W225T1	· W8AC	· WR5DP	· WR9DC
· D9BC	· FR7KCX	· HR10BCY	· HR9HC	· W2CC	· W8BC	· WR5DS	· WR9DP
· DR10BC	· FR7KPP	· HR10HC	· HS7F	· W3AC	· W8C	· WR6BC	· WR9DS
· DR6BC	· FR7KPP33U	· HR6BC	· M10A	· W3CC	· W8C0	· WR6D	· WR9EC
· DR7BC	· FR7KTC	· HR6BP	· M10A0	· W4AC	· W8CC	· WR6DC	· WR9EC0
· DR8BC	· FR7LDC	· HR6DC	· M10AC	· W5AC	· W8CP	· WR6DS	· WR9FC
· F5DC	· FR7LDC+	· HR6DP	· M10AC0	· W5BC	· W8D	· WR78X	· WS7E
· F5DTC	· FR7LDC4	· HR6DS	· M12B	· W5BP	· W8DC	· WR7AC	· WS8F
· F6DCX	· FR8D+	· HR7DC	· M5AC	· W5CC	· W8DCX	· WR7BC	· WSR5F
· F6DTC	· FR8DC	· HR7DCX	· M7A	· W5D	· W8DP	· WR7BP	· WSR6E
· F6LTCR	· FR8DC+	· HR7NII33X	· M7AC	· W5D1	· W8DTC	· WR7D	· WSR8E
· F7DC	· FR8DCX	· HR8B	· M8A0	· W5DC	· W8E	· WR7DC	· WSR8F
· F7KTCR	· FR8DE	· HR8BC	· M8AC	· W6B	· W8EC	· WR7DCX	· X5DC
· F8DC	· FR8KTC	· HR8BP	· M8AC0	· W6BC	· W8LCR	· WR7DCX+	· XR2CS
· F8KTCR	· FR9DCX	· HR8DC	· MA145T1	· W6D	· W8LPR	· WR7DS	· XR4CS
· F9DC0	· H10BC	· HR8DCX	· UR2CC	· W6D1	· W8LTCR	· WR7DTC	· XR5DC
· FLR8LDCU	· H5DC	· HR8DP	· UR4AS	· W6DC	· W9AC	· WR7LTC	· Y6DC
· FR56	· H6BC	· HR8DPX	· W07CS	· W6DTC	· W9CC	· WR8AC	· YR7LPP332W
· FR5DC	· H6DC	· HR8HC0	· W08CS	· W7AC	· W9DC	· WR8BC	

### Champion – Plug type

· 3401	· 9201	· CJ8Y	· K9	· N8	· RC12PLPC4	· RL82YC	· RS9YC
· 3412	· 9202	· D14	· L6VC	· N82S	· RC12PYP3	· RL82YCC	· RS9YCC
· 3983	· 9203	· D15Y	· L82Y	· N8Y	· RC12YC	· RL95YC	· RV12YC
· 4011	· 9204	· D16	· L82YC	· N9BYC	· RC12YC4	· RM77N	· RV15YC
· 4013	· 9402	· D16J	· L82YCC	· N9BYC4	· RC14YC	· RN10Y	· RV15YC4
· 4018	· 9403	· D18Y	· L86	· N9Y	· RC78PYP	· RN11Y	· RV15YC4
· 4019	· 9404	· D21	· L86C	· N9YC	· RC78PYP15	· RN11YC	· RV17YC
· 4025	· 9405	· D23	· L86CC	· N9YCC	· RC78PYP21	· RN11YC4	· RV17YC6
· 4071	· 9701	· D6	· L87Y	· P7G	· RC7PYCBX	· RN12Y	· RV19YC
· 4079	· 9702	· D9	· L87YC	· P86M	· RC7YC	· RN12YC	· RV8C
· 4113	· 9802	· E7	· L88A	· QC10PEPB	· RC7YC3	· RN14MCS	· RV9YC
· 4130	· 9804	· F10C	· L89CM	· QC12PEPB	· RC8BYC	· RN14Y	· RZ8
· 4318	· 9805	· F11Y	· L90C	· QC12YC	· RC8PYPB4	· RN14YC	· RZF10
· 4401	· 9806	· F11YC	· L92Y	· QL6VC	· RC8VTYC4	· RN16YC	· S12YC
· 4404	· 9808	· F14Y	· L92YC	· QL76V	· RC9YC	· RN279YC	· S12YC
· 4405	· 9901	· F14YC	· M82N	· QL77JC4	· RC9YC4	· RN57YC	· S12YCC
· 4408	· A57G	· F7YC	· N10Y	· RA4GHC	· RCJ6Y	· RN5C	· S14YC
· 4412	· A6G	· F9Y	· N11Y	· RA4HC	· RCJ8Y	· RN6Y	· S281YC
· 4430	· A6GC	· G55C	· N11YC	· RA4HCC	· RD16	· RN6YC	· S57YC
· 4434	· BL13Y	· G57C	· N11YCC	· RA4HCX	· RDJ7Y	· RN79G	· S7YC
· 4436	· BL15Y	· H10	· N12Y	· RA4YC	· RDZ4H	· RN7BYC	· S9YC
· 5861	· BL16Y	· H10C	· N12YC	· RA59GC	· RE7PYP6	· RN7GY	· UD16
· 7013	· BL3	· H10J	· N13Y	· RA59PP	· REC10PYP4	· RN7Y	· UJ12
· 7015	· BL9Y	· H11	· N14Y	· RA8GHC	· REC10WYPB4	· RN7YC	· UJ8
· 7020	· BN12Y	· H12	· N16Y	· RA8HC	· REC10YC4	· RN7YCC	· UK10
· 7031	· BN14Y	· H14Y	· N16YC	· RB75N	· REC9YCL	· RN7YCX	· UL77V
· 7034	· C10YCC	· J11	· N21	· RB75PP	· RF10C	· RN8VTYC4	· UL77VS
· 7071	· C4	· J11C	· N281YC	· RB75WPC	· RF11YC	· RN9Y	· UY6
· 7318	· C55CX	· J11J	· N288	· RB77CC	· RF7YC	· RN9YC	· V12YC
· 7332	· C57CX	· J12J	· N2C	· RB77WPC	· RH10C	· RN9YCC	· V4C
· 7346	· C61CX	· J12YC	· N3C	· RB77WPCC	· RH18Y	· RS10LC	· W14
· 7401	· C63	· J14Y	· N5	· RBL11Y	· RH8C	· RS12PLP	· W16Y
· 7407	· C63CX	· J17LM	· N5C	· RBL12	· RJ12C	· RS12PYP	· W85N
· 7408	· C63YC	· J18Y	· N5G	· RBL13Y	· RJ12YC	· RS12YC	· W89D
· 7436	· C6BYC	· J19LM	· N6	· RBL15Y	· RJ14YC	· RS12YC6	· XC10YC
· 7437	· C6BYC4	· J6	· N65Y	· RBL15Y4	· RJ17LM	· RS13LYC5	· XC12PEPB
· 7940	· C7YC	· J6C	· N6BYC	· RBL16Y	· RJ18Y	· RS14PYP	· XEJ12
· 7963	· C9YC	· J7	· N6Y	· RBL9Y	· RJ18YC	· RS14PYP6	· Y82
· 7975	· C9YCX	· J7J	· N6YC	· RBN12Y	· RJ19LM	· RS14YC	
· 7981	· CJ14	· J8	· N79Y	· RBN14Y	· RJ6C	· RS14YC6	
· 7983	· CJ6	· J8C	· N7BYC	· RC10PYPB4	· RJ8	· RS15LYC	
· 9001	· CJ7Y	· J8J	· N7Y	· RC12LC4	· RJ8C	· RS17YX	
· 9002	· CJ8	· K13	· N7YC	· RC12MCC	· RL15B	· RS281YC	

For other types or brands, please contact your sales advisor.



## SPARK PLUGS

### Denso – Plug type

- FK20HR11	- IU27A	- K20PRU	- PKJ20CR8	- T14PRU15	- W14EXU	- W20FPU10	- W27FSU
- FXE20HR11	- IU31	- K20PRU11	- PKJ20CRL11	- T16EPRL13	- W14EXU11	- W20FRL	- W27FSU10
- GA31	- IU31A	- K20PRZU11	- PQ16R	- T16EPRU	- W14FPRL	- W20FSRU	- W27FSZU
- IA0131	- IUF22	- K20PSRB8	- PQ16R8	- T16EPRU15	- W14FPRU	- W20FSU	- W27SU
- IA0132	- IUF24	- K20RU	- PQ20R	- T16NRU11	- W14FPRUL	- W20FSZU	- W29ESRV
- IA0134	- IUF27A	- K20RU11	- PQ20R13	- T16PRU	- W14FPU	- W20MPRU10	- W29ESV
- IAE0132	- IUF31A	- K20TNR	- PQ20R8	- T16PRU11	- W14FPUL	- W20MPU	- W29ESZU
- IAE0134	- IUH24	- K20TNR5	- PQ20RP11	- T16PRU15	- W14FPUL10	- W20MPU10	- W31EMRC
- IK0124	- IUH27	- K20TNR59	- PQ20RP8	- T16PRU20	- W14FRU	- W20MRU	- W31ESRU
- IK0127	- IW0124	- K20TR11	- PT16EPR10	- T16PU	- W14FU	- W20MU	- W31ESU
- IK0131	- IW0127	- K20TXR	- PT16EPR13	- T16RU	- W14L	- W20MUS	- W31ESZU
- IK0134	- IW0129	- K22PB	- PT16EPRL13	- T16RU15	- W14LMRUS	- W20PRU	- W31FS
- IK0224	- IW0131	- K22PBRS	- PQ20R13	- T20EPRU	- W14LMU	- W20PU	- W31FSZU
- IK0227	- IW0132	- K22PRL11	- PTJ16R15	- T20EPRU15	- W14LMUS	- W20SRU	- W31SU
- IK0231	- IW0134	- K22PRU	- Q14RU11	- T20EPU	- W14MPRU10	- W20SU	- W34ESZU
- IK16	- IW16	- K22PRU11	- Q16PRU	- T20MPU	- W14MPU10	- W22EAR	- W9EP
- IK20	- IW20	- K22PRZU	- Q16PRU11	- T20MU	- W14MRU	- W22EBR	- W9EPR
- IK22	- IW22	- K22TM11	- Q16PRU15	- T20NRU11	- W14MU	- W22EDR14	- W9EPU
- IK24	- IW24	- K22TMR11	- Q16PRZU11	- T20PRU	- W14MUS	- W22EKRS11	- W9EXRU
- IK27	- IW27	- K22TNR5	- K22TPU11	- T20PRU11	- W14PRU	- W22EPB	- W9EXRUCU
- IK31	- IW29	- K24PRU11	- Q16RU	- T20PRU15	- W14U	- W22EPRS11	- W9EXU
- IK34	- IW31	- KJ14CRL11	- Q16RU11	- T20PU	- W14US	- W22EPRU	- W9FP
- IKH0124	- IW34	- KJ16CR11	- Q20PRU	- T20RU	- W16EKRS11	- W22EPRU11	- W9LMRUS
- IKH0127	- IWF16	- KJ16CRL11	- Q20PRU11	- T22EPU	- W16EPB10	- W22EPRZU	- W9LMUS
- IKH0131	- IWF20	- KJ16CRU11	- Q20PRZU11	- T22MPU	- W16EPR	- W22EPU	- W9P
- IKH16	- IWF22	- KJ20CR11	- Q20PU	- T22MU	- W16EPRU	- W22EPU11	- W9PRU
- IKH20	- IWF24	- KJ20CRL11	- Q20PU11	- TJ14RP15	- W16EPRU10	- W22ESRU	- W9PU
- IKH24	- IWF27	- KJ20DRM11	- Q20RU	- TR20	- W16EPRU11	- W22ESU	- W9U
- IKH27	- IWM0129	- KJ22CRL11	- Q20RU11	- TR22	- W16EPU	- W22ESZU	- WR5DC
- IQ0124	- IWM0131	- KJ22CRL8	- Q20U11	- TR2210	- W16ESRU	- W22ETRL8	- X16FSRU
- IQ0127	- IWM0132	- L14U	- Q22PRU	- TR24	- W16ESU	- W22EXRU	- X20EPRU9
- IQ0131	- IWM0134	- M14	- Q22PRU11	- TR2410	- W16ETRS	- W22EXU	- X20ESRU
- IQ0134	- IWM24	- M17	- Q22PRZU	- U14FSRUB	- W16EXRU	- W22FPRU	- X20ESU
- IQ0224	- IWM27	- M22	- Q22PU	- U16FSRU	- W16EXRU11	- W22FPU	- X20FSRU
- IQ0227	- IWM31	- M24S	- Q22PU11	- U16FSRUB	- W16EXRZU	- W22FPU10	- X20FSU
- IQ0231	- IX22	- MA16PRU	- Q24PRZU	- U16FSU	- W16EXU	- W22FSU	- X22EPRU9
- IQ16	- IX22B	- MA16PRU11	- QJ16ARU	- U20ESRN	- W16EXU11	- W22FSZU	- X22EPRZU9
- IQ20	- IX24	- MA16PRU15	- QJ16CR11	- U20FSRU	- W16EXU13	- W22MPRU	- X22EPU9
- IQ22	- IX24B	- MA16PU	- QJ16HRU	- U20FSU	- W16EXUA	- W22MPU	- X22ESRU
- IQ24	- IX27	- MA16RU	- QJ20CR11	- U20MU	- W16FPRU	- W22MPUS	- X22ESU
- IQ27	- IX27B	- MA20PRU	- RU0127	- U22ESN	- W16FPU	- W22MU	- X24EPRU9
- IQ31	- IXU0124	- MA20PU	- RU0131	- U22ESRN	- W16FSU	- W22MUS	- X24EPRZU9
- IQ34	- IXU0127	- MA20RU	- RU0134	- U22FER9	- W16LS	- W22SU	- X24EPU
- IRE0127	- IXU0131	- MA9PRU	- RV15YC4	- U22FSRU	- W16PRU	- W24EMRC	- X24EPU9
- IRE0131	- IXU0134	- MA9PU	- S22PRA7	- U22FSU	- W16PU	- W24EPRU	- X24ESRU
- IRE0132	- IXU22	- MS851101	- S29A	- U22FSZU	- W16SU	- W24EPU	- X24ESU
- IRE0134	- IXU24	- MW17	- SC20HR11	- U24ESN	- W20EAR	- W24ESRU	- X24FSU
- IRE0135	- IXU27	- P16PR11	- SF10	- U24ESRN	- W20EKRS11	- W24ESRV	- X24GPRU
- IRL0127	- IY24	- P16PR8	- SF24	- U24ESRNZU	- W20EPB	- W24ESU	- X27EPRU9
- IRT0131	- IY27	- P16R13	- SF50	- U24ETR	- W20EPBRS	- W24ESV	- X27EPRZU9
- IT16	- J16ARU11	- P20PR11	- SF51	- U24FE9	- W20EPRS11	- W24ESZU	- X27EPU9
- IT20	- J16BRU	- P20PR8	- SK16HR11	- U24FER9	- W20EPRU	- W24FPR	- X27ESRU
- IT22	- J16BRU11	- P20PRS11	- SK16PRA11	- U24FSRU	- W20EPRU10	- W24FPRL	- X27ESU
- IT24	- J16BU11	- P20R8	- SK16PRL11	- U24FSU	- W20EPRU11	- W24FPRU10	- X27ETR
- IT27	- J16CRU	- P22PR8	- SK16R11	- U27ESN	- W20EPRZU	- W24FSRU10	- X27GPRU
- ITF16	- J16HRU10	- PK16PR11	- SK16RP11	- U27ESRN	- W20EPRZU11	- W24FSU	- X31ESRU
- ITF20	- K16GPRU11	- PK16PRL11	- SK16RP8	- U27ESRNZU	- W20EPU	- W24FSU10	- X31ESU
- ITF22	- K16HPRU11	- PK16PRP11	- SK20HPRL11	- U27ETR	- W20EPU11	- W24FSZU	- X31ETR
- ITF24	- K16PRL11	- PK16R11	- SK20HR11	- U27FE9	- W20ESRL	- W24SU	- XU20EPRU
- ITF27	- K16PRP11	- PK16R8	- SK20PRA11	- U27FER9	- W20ESRU	- W25EAR	- XU22EPRU
- ITL16	- K16PRT11	- PK16TR11	- SK20PRA8	- U31ESRN	- W20ESU	- W25EB	- XU22EPZU
- ITL20	- K16PRU	- PK20PR11	- SK20PRL11	- U31ESRNZU	- W20ETRL	- W25EBR	- XU24EPRU
- ITV16	- K16PRU11	- PK20PRL11	- SK20R11	- U31ETR	- W20ETRS	- W25EDR14	- XU27EPRU
- ITV20	- K16PRZU11	- PK20PRP11	- SK20RP11	- U31FER9	- W20ETS	- W27EBR	- Y24FERC
- ITV24	- K16RU	- PK20PRP8	- SK22PRM11	- VK16PRZ11	- W20EXRU	- W27EDR14	- Y27FERC
- IU0124	- K16RU11	- PK20R11	- SK22PRM11S	- VK20PRZ11	- W20EXRU11	- W27EMRC	- Y31FERC
- IU0127	- K16R-U11	- PK20R13	- SKJ16CRA8	- VXU22	- W20EXU	- W27ESRU	- ZFR5E11
- IU0131	- K16TNR59	- PK20R8	- SKJ16CRL11	- W14E	- W20EXU11	- W27ESRV	- ZTJ16R10
- IU0134	- K16TR11	- PK20TR11	- SKJ16DRM11	- W14EKRS11	- W20EXU13	- W27ESRZU	
- IU20	- K20HRU11	- PK22PR11	- SKJ20CRA8	- W14EPRU	- W20FF	- W27ESU	
- IU22	- K20PBR	- PK22PR8	- SKJ20DRM11	- W14EPU	- W20FFPRL	- W27ESV	
- IU24	- K20PBRS10	- PK22PRL11	- SKJ20DRM11S	- W14EXRU	- W20FPRU	- W27ESZU	
- IU24A	- K20PRL11	- PKJ16CR8	- SKJ20DRM13	- W14EXRU11	- W20FPRU10	- W27FSR	
- IU27	- K20PRT11	- PKJ16CRL11	- T14PRU	- W14EXRU15	- W20FPU	- W27FSRU10	

For other types or brands, please contact your sales advisor.



## SPARK PLUGS

### NGK - Plug type

· A5FS	· B8ES	· BK7E	· BP5E	· BPR4EVX	· BR5ES	· C5HSA	· DPR9EV9	· PFR6J11
· A6	· B8ET	· BK7EKU	· BP5EA	· BPR4EY	· BR5FS	· C6HSA	· DPR9EVX9	· PFR6Q
· A6FS	· B8EV	· BKR4E	· BP5EA11	· BPR4EY11	· BR5FS15	· C7E	· DPR9Z	· PFR7B
· A7	· B8HCS	· BKR4E11	· BP5EAL	· BPR4FS	· BR5HS	· C7HSA	· DR4HS	· PFR7G11
· A8	· B8HS	· BKR4EVX	· BP5EAL11	· BPR4FS11	· BR6EB	· C7HV	· DR5HS	· PFR8B
· A8FS	· B8HS10	· BKR4EY	· BP5EFS	· BPR4FS15	· BR6EB11	· C8E	· DR6EA	· PFR8B9
· A9FS	· B8HV	· BKR5E	· BP5EKA	· BPR4HS	· BR6EBL11	· C8EH9	· DR6HS	· PGR5A11
· AB2	· B8S	· BKR5E11	· BP5EKN	· BPR4HS10	· BR6EM	· C8HSA	· DR7EA	· PGR6A
· AB6	· B95EG	· BKR5EIX1P	· BP5ES	· BPR4HSA	· BR6ES	· C8HV	· DR7ES	· PGR6A11
· AB7	· B95EGV	· BKR5EKC	· BP5ES11	· BPR5E	· BR6ES11	· C9E	· DR8EA	· PGR6B
· AGFS22C1	· B95HN	· BKR5EKC9	· BP5ESA	· BPR5E11	· BR6FS	· C9EH9	· DR8ES	· PJR7A
· AP4FS	· B9ECS	· BKR5EKU	· BP5ESL	· BPR5EA	· BR6FS15	· CM6	· DR8ESL	· PKR7A
· AP5FS	· B9EFS	· BKR5EP11	· BP5ESZ	· BPR5EA11	· BR6HS	· CPR7EA9	· DR8EVX	· PLFR5A11D
· AP6FS	· B9EG	· BKR5ES	· BP5ET	· BPR5EAL	· BR6HS10	· CPR8EA9	· DR8HS	· PLFR6A
· AP7FS	· B9EGV	· BKR5ES11	· BP5ET10	· BPR5EAL11	· BR6HSA	· CR10E	· DR9EA	· PLFR6A11
· AP8FS	· B9EM	· BKR5EY	· BP5EV	· BPR5EFS	· BR6S	· CR10EH9	· DR9EVX	· PLFR6A9
· APR5FS	· B9ES	· BKR5EY11	· BP5EY	· BPR5EFS13	· BR7EB	· CR10EK	· ER10EH	· PLFR6C10G
· APR6FS	· B9EV	· BKR5EYA	· BP5EY11	· BPR5EKA	· BR7EB11	· CR4HSA	· ER8EH	· PLZFR6A11S
· AR6	· B9HCS	· BKR5EYA11	· BP5F	· BPR5EKN	· BR7EF	· CR4HSB	· ER9EH	· PLZKAR6A11
· AR6FS	· B9HS	· BKR6E	· BP5FS	· BPR5EKU	· BR7EFS	· CR5HS	· FR2AD	· PMR9B
· B105EGV	· B9HS10	· BKR6E11	· BP5HS	· BPR5EP11	· BR7EIX	· CR5HSA	· FR2BD	· PTR4B15
· B10ECS	· B9HV	· BKR6EIX	· BP5S	· BPR5ES	· BR7EM	· CR5HSB	· FR4	· PTR5A10
· B10EG	· BC6E	· BKR6EK	· BP6E	· BPR5ES11	· BR7EQ	· CR6E	· FR45	· PTR5A13
· B10EGV	· BCP4ES	· BKR6EKC	· BP6EA	· BPR5ES13	· BR7EQ14	· CR6HS	· FR6EI	· PZFR5D11
· B10ES	· BCP4ES11	· BKR6EKP11	· BP6EA11	· BPR5ESA	· BR7ES	· CR6HSA	· G2Z	· PZFR6F11
· B10EV	· BCP5E	· BKR6EKU	· BP6EFS	· BPR5EV	· BR7ET	· CR7E	· GR4	· PZFR6H
· B10FS	· BCP5E11	· BKR6EN11	· BP6EK	· BPR5EY	· BR7HS	· CR7EH9	· GR5	· PZTR5A15
· B10HS	· BCP5ES	· BKR6EP11	· BP6EKN	· BPR5EY11	· BR7HS10	· CR7EK	· GR55	· R4452D10
· B10HV	· BCP5ES11	· BKR6EP8	· BP6ES	· BPR5FS	· BR8ECM	· CR7HS	· IFR5E11	· R56738
· B11EG	· BCP5E11	· BKR6ES	· BP6ES11	· BPR5FS11	· BR8ECS	· CR8E	· IFR5G11	· R56739
· B11EGV	· BCP5EV	· BKR6ES11	· BP6ES13	· BPR5FS15	· BR8EG	· CR8EH9	· IFR5G11K	· R56747
· B2	· BCP5EV11	· BKR6ETP	· BP6ESZ	· BPR5HS	· BR8EQ14	· CR8EK	· IFR5J11	· R56748
· B2H	· BCP6E	· BKR6EVX	· BP6ET	· BPR5S	· BR8ES	· CR8HS	· IFR5L11	· R56749
· B2LM	· BCP6E11	· BKR6EVX11	· BP6EV	· BPR6E	· BR8ES11	· CR8HSA	· IFR5N10	· R6254E105
· B4	· BCP6ES	· BKR6EY	· BP6EY	· BPR6EF	· BR8ET	· CR9E	· CR9E	· R6254E9
· B4E	· BCP6ES11	· BKR6EY11	· BP6EY11	· BPR6EFIX10	· BR8EV	· CR9EH9	· IFR6CS	· R6254K105
· B4ES	· BCP6ET	· BKR6EYA	· BP6FS	· BPR6EFS	· BR8HCS10	· CR9EK	· IFR6QG	· R63268
· B4H	· BCP6EV	· BKR6EYA11	· BP6HS	· BPR6EFS13	· BR8HS	· D10EA	· IFR7FD	· R64278
· B4H10	· BCP6EV11	· BKR6EZB	· BP6HS10	· BPR6EFS15	· BR8HS10	· D10HS	· IFR7G11K	· R71128
· B4L	· BCP7E	· BKR7E	· BP6HSA	· BPR6EKN	· BR8HSA	· D5HS	· IFR7G11KS	· R71138
· B4LM	· BCP7E11	· BKR7E11	· BP6HV	· BPR6EP8	· BR8HV	· D6EA	· IGR7AG	· SD10A
· B5EB	· BCP7ES	· BKR7EKC	· BP6S	· BPR6ES	· BR9ECM	· D6HA	· ILFR6A	· SD11A
· B5ES	· BCP7ES11	· BKR7EKU	· BP7E	· BPR6ES11	· BR9ECS	· D6HV	· ILFR6B	· SILFR6A
· B5EV	· BCP7ET	· BKR7EN11	· BP7EFS	· BPR6EV	· BR9EG	· D7EA	· ILFR6J11K	· TR4
· B5HS	· BCP7EV	· BKR7ES11	· BP7ES	· BPR6EY	· BR9EQ14	· D7EV	· ILFR6T11	· TR42
· B5S	· BCPR4ES11	· BKR7EVX	· BP7ES11	· BPR6EY11	· BR9ES	· D8EA	· ILZFR6D11	· TR5
· B6EB	· BCPR5E	· BKR7EY	· BP7ET	· BPR6FS	· BR9ET	· D8EV	· ILZKAR7A10	· TR51
· B6EB11	· BCPR5E11	· BKR8E11	· BP7EY	· BPR6FS15	· BR9EV	· D8EVX	· IZFR5B	· TR55
· B6EBL11	· BCPR5EP11	· BKUR5ET	· BP7EY	· BPR6HS	· BR9EYA	· D8HA	· IZFR5F11	· TR5A13
· B6EFS	· BCPR5EP13	· BKUR6EK	· BP7FS	· BPR6HS10	· BR9HS	· D8HV	· IZFR5K11	· TR5B13
· B6EM	· BCPR5EP8	· BKUR6EK9	· BP7HS	· BPR6HSA	· BR9HS10	· D9EA	· IZFR6H11	· TR6
· B6ES	· BCPR5ES	· BKUR6ET	· BP7HS10	· BPR6S	· BRE527Y11	· D9EV	· IZFR6K11	· UR4
· B6ES11	· BCPR5ES11	· BKUR6ET10	· BP7HV	· BPR7E	· BRE529Y	· D9EVX	· IZFR6K11S	· UR5
· B6ET	· BCPR5ET	· BKUR6ETB	· BP8ES	· BPR7EKN	· BRE529Y11	· DCP8EVX	· IZFR6K13	· WR5
· B6EV	· BCPR5EY	· BKUR7EK	· BP8EV	· BPR7E	· BU10H	· DCPR6E	· IZKR7B	· WR5IX
· B6EVX	· BCPR5EY11	· BKUR7ET	· BP8HN10	· BPR7ES11	· BU8H	· DCPR6ES	· IZTRA411	· XR40
· B6FS	· BCPR5EYN11	· BL6H	· BP8HS	· BPR7EVX	· BUE	· DCPR7E	· IZTR5B11	· XR5
· B6HS	· BCPR6E	· BM4A	· BP8HS10	· BPR7EY	· BUH	· DCPR7EA9	· J10A	· ZF4A11
· B6HS10	· BCPR6E11	· BM6	· BP8HS15	· BPR7EY11	· BUHW	· DCPR7EVX	· J9A	· ZF5A11
· B6HV	· BCPR6EP11	· BM6A	· BP8HSA	· BPR7HS	· BUHW2	· DCPR8E	· JR10A	· ZF6A11
· B6HVX	· BCPR6EP13	· BM6F	· BP9ES	· BPR7HS10	· BUHX	· DCPR8EVX	· JR10B	· ZFR4E11
· B6L	· BCPR6EP8	· BM7	· BP9EV	· BPR8ES	· BUHXW1	· DCPR9E	· JR8B	· ZFR4F11
· B6S	· BCPR6EPN8	· BM7A	· BPM4A	· BPR8HS	· BUR4EB11	· DCPR9EVX	· JR8C	· ZFR5A11
· B7EB	· BCPR6ES	· BM7F	· BPM6A	· BPR8HSA	· BUR5EA11	· DG211	· JR9A	· ZFR5E11
· B7EB11	· BCPR6ES11	· BMR4A	· BPM6A10	· BPR9ES	· BUR5EB11	· DILFR5A11	· JR9B	· ZFR5F
· B7ECS	· BCPR6ET	· BMR6A	· BPM6F	· BPR7HS10	· BUR5ET	· DILFR6D11	· JR9C	· ZFR5F11
· B7EM	· BCPR6EY	· BMR6F	· BPM6Y	· BPZ7HS10	· BUR5ET10	· DILKAR6A11	· LFR5A11	· ZFR5LP13G
· B7ES	· BCPR6EY11	· BMR7A	· BPM7	· BPZ8HN10	· BUR6EA11	· DP5EA9	· LFR5B	· ZFR6A11
· B7ET	· BCPR6EYN11	· BP10EV	· BPM7A	· BPZ8HS15	· BUR6EB11	· DP6EA9	· LFR5BP11	· ZFR6E11
· B7EV	· BCPR7E	· BP2E	· BPM7F	· BR10ECM	· BUR6EFSZ	· DP7EA9	· LFR6A	· ZFR6F
· B7FS	· BCPR7E11	· BP2ES	· BPM7Y	· BR10ECS	· BUR6ET	· DP8EA9	· LFR6A11	· ZFR6F11
· B7HCS	· BCPR7ES	· BP2HS	· BPMR4A	· BR10EG	· BUR7EA11	· DP8EV9	· LFR6C11	· ZFR6K11
· B7HS	· BCPR7ES11	· BP4	· BPMR4A10	· BR10ES	· BUR8EQ	· DP9EA9	· LFR6D	· ZFR7A11
· B7HS10	· BCPR7ET	· BP4E	· BPMR6A	· BR10ET	· BUR9EQ	· DP9EV9	· LR8B	· ZFR7F11
· B7HV	· BCPR7EY	· BP4EFS	· BPMR6A10	· BR10EV	· BUZ8H	· DPR5EA9	· LZKAR7A	· ZFR7J11
· B7S	· BCPR7EY11	· BP4ES	· BPMR6F	· BR2LM	· BUZHW	· DPR6EA9	· PFR5A11	· ZGR5A
· B85EGV	· BCPR7EYN11	· BP4ES13	· BPMR6Y	· BR4ES	· BUZHW2	· DPR6EB9	· PFR5B11C	· ZGR5B11
· B8ECS	· BCPR9ES11	· BP4EY	· BPMR7A	· BR4HS	· C10EH9	· DPR7EA9	· PFR6A11	· ZGR5C
· B8EFS	· BCR8ES	· BP4FS	· BPR2E	· BR4HSA	· C2H	· DPR7EV9	· PFR6B	· ZGR5E
· B8EG	· BCRES27Y	· BP4H	· BPR2ES	· BPR2E	· C4H	· DPR8EA9	· PFR6B11	
· B8EGV	· BE529Y11	· BP4HA	· BPR4E	· BR5EB	· C4HA	· DPR8EV9	· PFR6B11C	
· B8EM	· BK5E	· BP4HS	· BPR4ES	· BR5EB11	· C4HSA	· DPR8Z	· PFR6G11	
· B8EN	· BK6E	· BP4HS10	· BPR4ES11	· BR5EF	· C4HSB	· DPR9EA9	· PFR6G9	

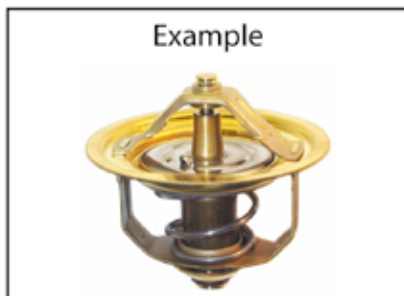
For other types or brands, please contact your sales advisor.





## TECHNICAL SHEET: THERMOSTATS

Group  
**04-01-03-00**



Customer details

Type machine: .....  Price inquiry  
 Serial n° machine: .....  Order

CODE: TY-TH x D1 x D2 x D3 x D4 x H1 x H2 x H3 x TE x AR x EX

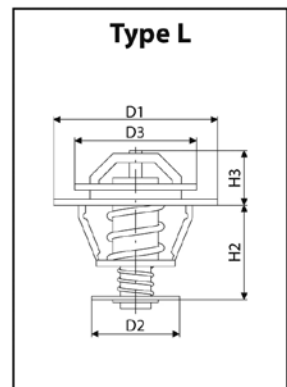
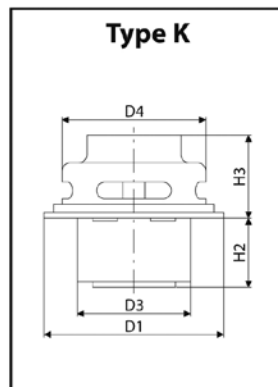
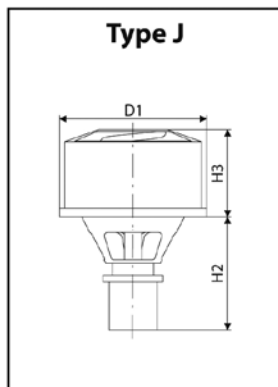
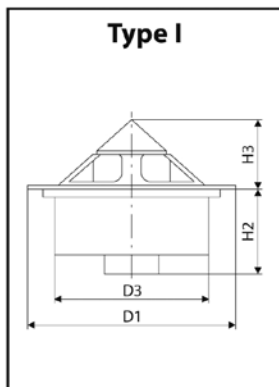
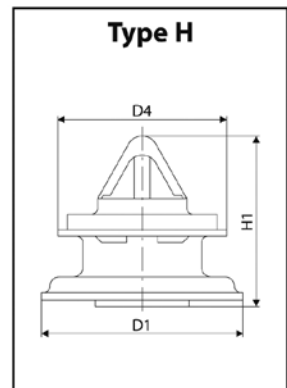
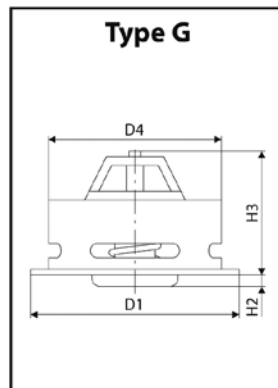
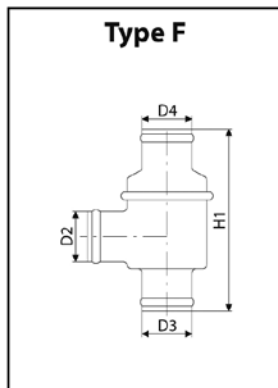
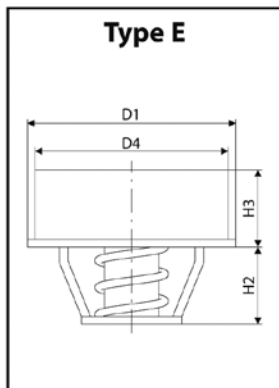
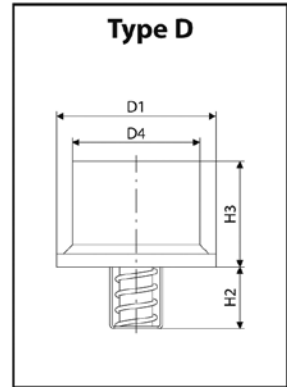
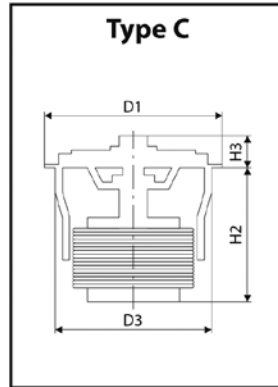
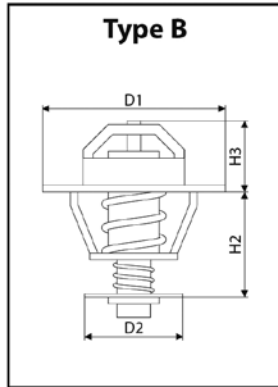
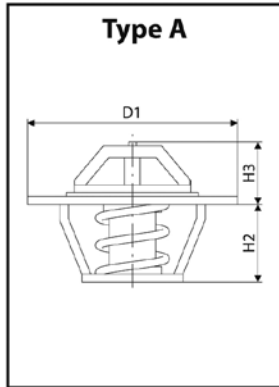


- TY-TH ..... Type of thermostat.
- D1 ..... Maximum outer diameter.
- D2 ..... Bypass valve diameter.
- D3 ..... Diameter engine side.
- D4 ..... Diameter radiator side.
- H1 ..... Total height.
- H2 ..... Height engine side.
- H3 ..... Height radiator side.
- TE..... Opening temperature.
- AR ..... Air release system:  
     *JP = bore with pin (jiggle pin)*  
     *BZP = bore without pin*  
     *KR = with notch*  
     *None*
- EX..... Eccentric: YES/NO.



## TECHNICAL SHEET: THERMOSTATS

### TYPES



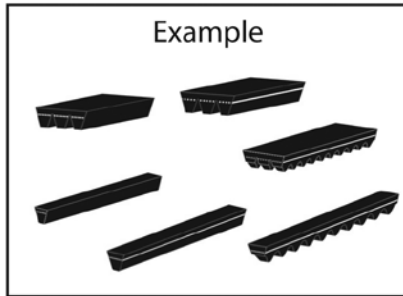
**Type S**  
None of previous types.

H1 = total height.  
D1 = maximum outer diameter.



## TECHNICAL SHEET: V-BELTS

Group  
**01-03-12-00**



Customer details

Type machine: .....  
Serial n° machine: .....

Price inquiry  
 Order

CODE: TY-RI x B1 x B2 x H1 x La x Li x Le x AT-SN x KL x SO-RI

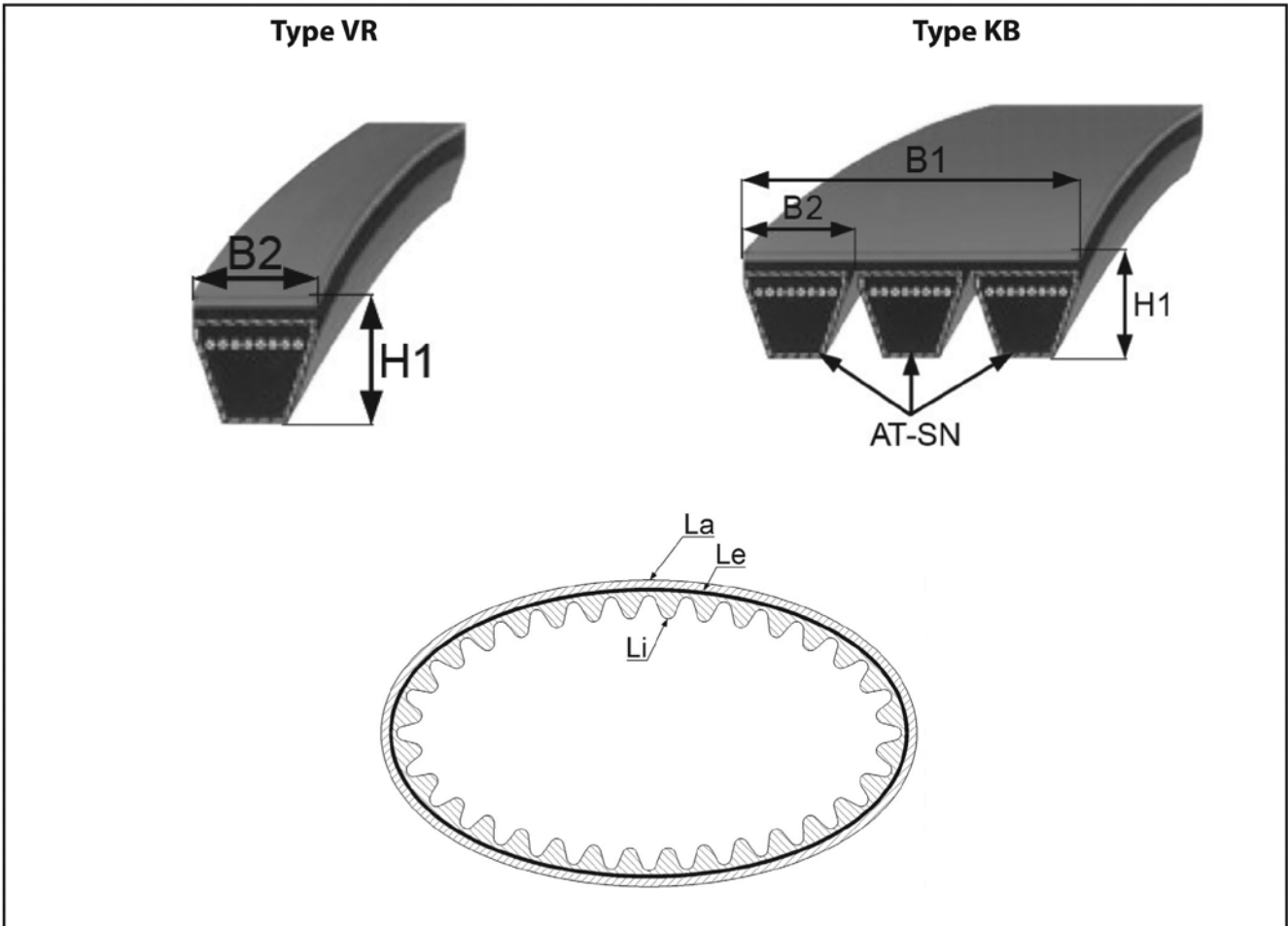


- TY-RI ..... Type of belt (see figures):  
*VR = V-belt*  
*KB = power band*
- B1..... Total belt width (see figure).
- B2..... Total width of the string (see figures).
- H1 ..... Total height of the string (see figure).
- La..... External length at the outer edge of the belt.
- Li ..... Internal length at the inner edge of the belt.
- Le..... Effective length at the belt cord.
- AT-SN ..... Number of strings (see figures).
- KL..... Colour.
- SO-RI..... Type of belt (see figures):  
*VM = full sheathed*  
*VO = full open flank*  
*GO = toothed open flank*  
*S = special*

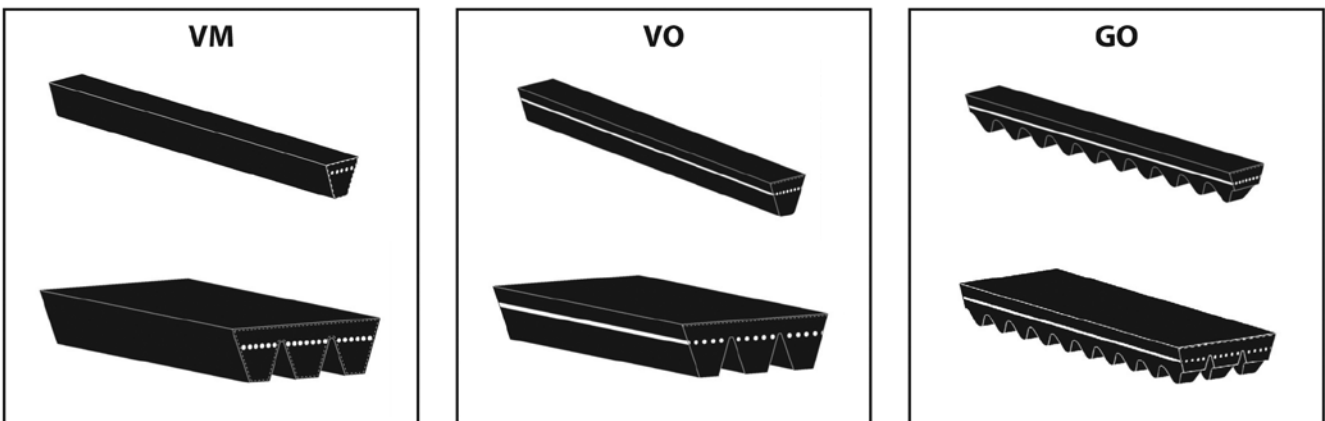


## TECHNICAL SHEET: V-BELTS

### DIMENSIONS



### TYPE OF BELT



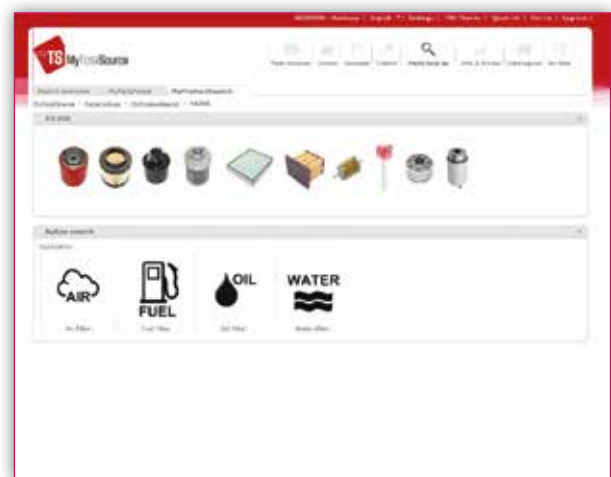


## FILTERS



We can offer you filters suitable for the following brands:

Algas, Allis Chalmers, Ameise, AMC, Argo-Hytos, Arlon, Atlet, Audureau, Baker, Baldwin, Balkancar, Bobcat, Bosch, Brunlift, BT, BV Transpallet, Caterpillar, CAV Clark, Clean, Continental, Coopers, Coventry, Crosland, Crown, Cummins, DAF, Desta, Deutz, Donaldson, Fantuzzi, Fendt, Fenwick, Fiat, Fleetguard, Ford, Fram Filters, Heden, Hengst, Henley, Hino, Hyster, Isuzu, Jungheinrich, Kalmar, Kentruck, Knecht, Komatsu, Kubota, Lancer Boss, Lansing, Linde, Luberfiner, Lugli, M.A.N., Mahle, Manitou, Mann & Hummel, Massey Ferguson, Mazda, Mercedes, Merlo, Mic, Mitsubishi, Mora, Motorcraft, Nippon-Denso, Nissan, Nichiyu-Nyk, Peg, Perkins, Peugeot, Purflux, Purolator, Renault, Salev, Saxby, Steinbock, Still, Svetruck, TCM, Technocar, Tennant, Toyota, UCC, Unitrac, Valmet, Volvo, VW, Waukesha, Win, Wix, Woodgate, Yale, Yanmar, Zetor, ZF



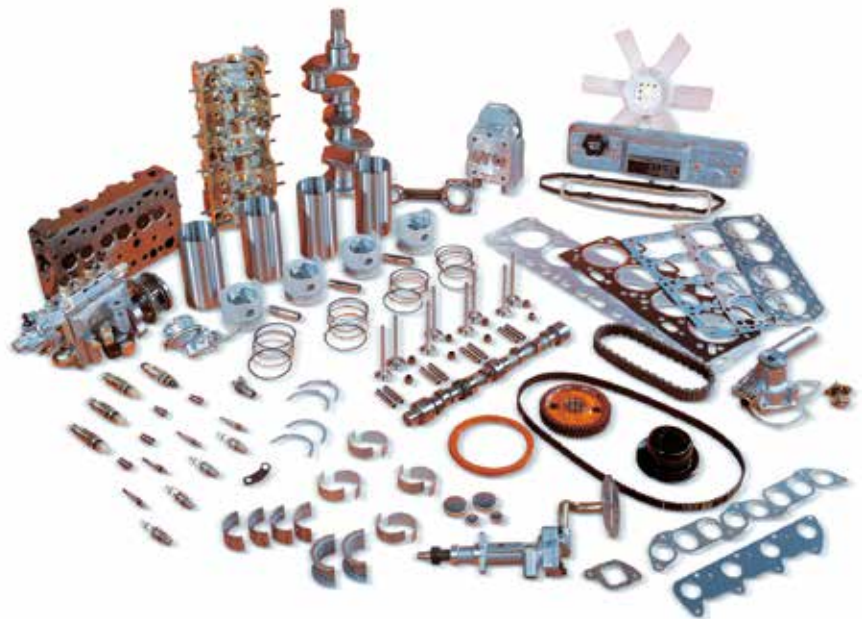
### MyProductSearch

Look up your filter via MyProductSearch by means of the dimensions.





## PORT EQUIPMENT ENGINE PARTS



**TOTALSOURCE®**

Port equipment engine parts suitable for:

Caterpillar · Cummins · Deutz · GM · Mercedes · Perkins · Scania · Volvo

For these brands we have fast-movers in stock



We also have service exchange available for cylinder heads, injection pumps, crank shafts and engine blocks.





## CONTACT US FOR ALL RECONDITIONED ENGINE PARTS

Have your engine reconditioned.  
For further information, please contact us.



**Service exchange parts:**  
A good alternative!

Injection pumps, crankshafts, water pumps, cylinder heads, camshafts, injectors, blocks, short blocks ...

- CATERPILLAR
- CHRYSLER
- CONTINENTAL
- CUMMINS
- DETROIT
- DEUTZ
- FIAT-OM
- FORD
- GM
- ISUZU
- KOMATSU
- MAZDA
- MERCEDES
- MITSUBISHI
- NISSAN
- PERKINS
- PEUGEOT
- RENAULT
- TOYOTA
- VOLKSWAGEN
- VOLVO
- WAUKESHA



## NEW AND REBUILT ENGINES

Have your engine reconditioned.  
For further information, please contact us.



Reconditioned  
Recycled  
Reliable

TVH

**Exchange engines:  
6-month warranty**

- CATERPILLAR
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- DETROIT
- DEUTZ
- FIAT-OM
- FORD
- GM
- ISUZU
- KOMATSU
- MAZDA
- MERCEDES
- MITSUBISHI
- NISSAN
- PERKINS
- PEUGEOT
- RENAULT
- TOYOTA
- VOLKSWAGEN
- VOLVO
- WAUKESHA



## NOTES

A series of horizontal dotted lines for taking notes.



# MAINTENANCE, REPAIR & OPERATION



## ENGINE OIL – MINERAL 15W40

- REF 107TA7203 – 5 l
- REF 107TA7204 – 20 l
- REF 107TA7205 – 60 l
- REF 107TA7206 – 208 l

### Product description

- Specially developed for lubrication of turbocharged **Euro 2 diesel** engines
- Also suitable for all diesel engines of previous generations, in severe service conditions
- Suitable for extended drain intervals (up to 30 000 km according to manufacturers)
- Suitable for offroad equipment engines which need an API CG-4/SJ lubricant
- Also suitable for port equipment

### Specifications

- ACEA E2
- API CG-4/SJ

### OEM approvals

- MERCEDES BENZ MB 228.1
- MAN 271
- VOLVO VDS
- MACK EO-L
- MTU OIL Type 1
- CATERPILLAR TO-2
- MIL-L 2104E
- ZF TE-ME 04C

### Advantages

- Multigrade
- Very high viscosity index
- Excellent viscosity stability in operation
- Excellent detergency level
- Very high dispersancy level (avoids combustion soots agglomeration)
- Excellent antiwear and anticorrosion properties



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Powered by TOTAL

## ENGINE OIL 10W40

- REF 143TA4806 – 20 l
- REF 143TA4807 – 60 l
- REF 143TA4808 – 208 l

### Product description

- Semi-synthetic advanced technology lubricant, especially formulated to lubricate all **petrol** and **diesel** engines of trucks, buses and industrial vehicles
- Adapted to the most severe servicing conditions: transport, public works ...
- Complies with **Euro 2** and **Euro 3 diesel** engine technologies and is used with all diesels, especially with ecological low sulphur diesels
- Recommended by all European engine manufacturers for the longest oil change intervals

### Specifications

- ACEA A3 / B3 / B4 / E5 / E7
- API CI-4 / CH-4 / SL

### OEM approvals

- MERCEDES BENZ MB 228.3 / 229.1
- MAN M 3275
- VOLVO VDS-3
- RENAULT TRUCKS RLD / RLD-2
- MACK EO-N

### Advantages

- Guarantees an excellent engine lubrication in the most severe conditions
- Excellent antiwear and anticorrosion properties
- Excellent detergency and dispersancy levels
- Excellent viscosity stability in operation in the latest generation diesel engines especially for turbocharged
- Easier cold start
- Complies with the pollution-control specifications imposed on **Euro 2** and **Euro 3** engines



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## ENGINE OIL – MINERAL 15W40

- REF 141TA3196 – 5 l
- REF 136TA2983 – 20 l
- REF 141TA3197 – 60 l
- REF 140TA8778 – 208 l

### Product description

- Developed to answer the very severe technical constraints of the new low-emission diesel engines
- Adapted to the most severe servicing conditions: transport, public works ...
- Suitable for **Euro 1, 2, 3 and 4** engines (except Euro 4 MAN and DAF engines)
- Also suitable for port equipment

### Specifications

- ACEA E5 / E7
- API CI-4 / SL

### OEM approvals

- GLOBAL DHD-1
- MERCEDES BENZ MB 228.3
- MAN M 3275
- CUMMINS 20071 / 20072 / 20076 / 20077 / 20078
- VOLVO VDS-3
- MACK EO-M+
- RENAULT TRUCKS RLD / RLD-2
- MTU Type 2
- ZF TE-ML 04C

### Meets the requirements of

- CAT ECF-1a

### Advantages

- Its very high performance level insures longer drain intervals
- Use the same lubricant for all the diesel engines of your fleet, whatever their brand is
- Exceptionally good antiwear and anticorrosion properties
- Good efficiency against bore polishing
- Excellent viscosity stability in operation
- Very high detergency and dispersancy levels (limits oil thickening due to soots)



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Powered by TOTAL

## ENGINE OIL - HALF SYNTHETIC 10W40

- REF 141TA1165 – 5 l

### Product description

- New generation, synthetic technology, very high performance, **Low SAPS** (low rate of Sulphur, Ash and Phosphorus)) heavy-duty **diesel** engine oil
- Particularly suitable for **Euro 6 and previous** engines equipped with diesel particulate filters (DPF)
- Suitable for Euro 6 and previous engines equipped with selective catalytic reduction (SCR) when recommended by manufacturers

### Specifications

- API CI-4
- ACEA E6 / E7
- ACEA E4-99 issue 3

### OEM approvals

- MERCEDES BENZ MB 228.5 / 228.51
- MAN M 3477 / 3277-CRT
- VOLVO VDS-3
- RENAULT RLD-2
- DAF
- MTU 3.1
- MACK EO-N

### Advantages

- Proven lubrication performances with excellent antiwear and detergency properties
- Outstanding antioxidant and anticorrosion properties allowing long drain intervals
- Excellent piston cleanliness performances providing a perfect protection against bore polishing and cylinder wear
- Exceptional thermal stability due to a blend of highly qualified base oils



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## ENGINE OIL - HALF SYNTHETIC

- REF 140TA8779 – 20 l 10 W
- REF 141TA3198 – 60 l 10 W
- REF 141TA3199 – 208 l 10 W
- REF 141TA3200 – 20 l 30 W

### Product description

- **Diesel** engine oil recommended for hydraulic systems when the manufacturer requires an engine oil with an appropriate grade for these applications

### Specifications

- ACEA E2
- API CF / SF

### OEM approvals

- MAN 270
- MIL-L 2104 E
- Vickers 35VQ25
- ZF TE-ML 03B

### Advantages

- Monograde
- High viscosity index
- High stability in operation
- Exceptional detergency level
- Very high dispersancy level
- Excellent antiwear, antioxidant, anticorrosion and antifoaming properties



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## ENGINE OIL - SYNTHETIC 5W40

- REF 140TA8959 – 20 l

### Product description

- Fully synthetic top performance motor oil for **petrol, diesel and LPG** engines
- Is particularly suitable for turbo-compressed, multi-valve and direct injection engines
- Meets the most demanding driving conditions (motorway, heavy urban traffic ...) during all seasons
- Perfectly suited for engines with catalytic converters

### Specifications

- ACEA A3 / B4
- API SN / CF

### OEM approvals

- PSA PEUGEOT CITROËN B71 2296 gasoline & diesel
- VOLKSWAGEN 502.00 / 505.00
- BMW LL-01
- MERCEDES BENZ MB 229.3
- PORSCHE A40

### Advantages

- Extended intervals between oil changes: protects against oxidation
- All driving conditions: good fluidity at low temperatures for facilitating cold starts, resistant even at the highest temperatures
- Optimum engine protection: immediate lubrication of all engine components at start-up, even the most fragile
- Engine cleanliness: detergent and specific dispersive additives



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## ENGINE OIL - SYNTHETIC 5W30

REF 140TA8777 – 5 l

### Product description

- **Low SAPS** synthetic technology oil specially designed for PEUGEOT and CITROËN engines
- Its very high-tech performance generates Fuel Savings and optimizes the way in which antipollution systems - such as Particulate Filters - operate
- It's a special second-generation fuel savings lubricant: it can be used with all **diesel** engines - older ones, as well as more recent ones
- It is suitable for use with most **petrol** engines
- It is vital for ensuring the effective operation of particulate filters and is also suitable for use with other post-treatment systems
- It is appropriate for use with the severest of maintenance cycles and the most difficult driving conditions (motorway, dense urban traffic ...)

### Specifications

- ACEA C2

### Manufacturer certifications

- PSA PEUGEOT CITROËN B71 2290

### Advantages

- Increased life of particulate filters
- Fuel economy
- Respect for the environment
- Optimum engine protection cleanliness



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## SUMP PLUGS

M20 x 1,0	REF 107TA7669
M24 x 1,5	REF 106TA2963
3/4" UNF x 16	REF 107TA1743
5/8 UNF x 18	REF 111TA3756
1" UNF x 12	REF 106TA2965
3/8" BSP x 19	REF 106TA2966
1/2" BSP x 14	REF 107TA1744
1/4" NPT x 18	REF 107TA1745
1/2" NPT x 14	REF 107TA1746
Oil change hose (small)	REF 107TA1747
Oil change hose (large)	REF 106TA2971



### How does the plug work?

From now on, the normal sump plug will be replaced by a plug fitted with a dust cap that stops dust and dirt from entering the line.

### Changing oil

Remove the dust cap and screw the drain and hose on the sump plug. This will automatically open a valve in the plug and the oil will flow through the hose.



## WATER ELIMINATORS

### REF 106TA2990

- 2 pieces: cartridge + lanyard
- Large type
- Length: 182 mm
- Diameter: 32 mm

The cartridge contains a small amount of dry crystals, which are chemically water "magnetic", which means they will only accept water molecules into their structure. The crystals will expand to 500 times their own bulk in the presence of water.

To fit, remove the fuel filler cap and insert the cartridge into the tank securing the lanyard.

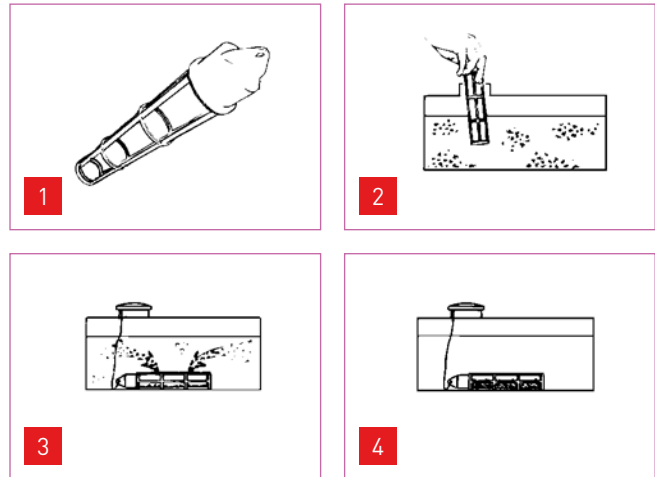
The safe and easy way to remove water from your fuel system.

### For use in:

- Diesel
- Petrol
- Kerosene
- Fuel oil
- Hydraulic fluid
- Mineral spirits

### Product benefits:

- Extended filter, pump and injector life
- Reduced maintenance costs
- Easy installation and safe disposal
- Trouble-free efficient running



## WATER FINDER SPECIAL

### REF 140TA9056

- Paste that determines the presence of water in gasoline tanks
- Quick and simple detection of water
- Directly visible through clear alteration in colour
- Works also if, besides water, methanol or tert-Butanol (TBA) is present
- 70 g





## TAP FOR BARREL



**REF 107TA7258**  
Thread: 3/4"

## BARREL KEY



**REF 107TA7257**  
For diameter: 3/4" and 2"

## OIL PUMP



**REF 107TA7254**

- Universal transfer pump for oil and diesel fuel oil
- Telescopic shank for drums of 20 to 220 l
- Delivery capacity:  $\pm 30$  l/min

## OIL SUCTION PUMP



**REF 107TA7227**

- Capacity: 500 ml
- Steel cylinder, with plastic cover





## OIL & FLUIDS QUICK-CHANGER

### REF 111TA9287

- Oil can be removed with the suction unit via the oil gauge opening or the oil filler cap. That is why the device is supplied with 2 suction probes with different diameters.
- Tank capacity: 8,8 l
- Equipped with an automatic shut-off valve to prevent over-filling-unit
- Can be used to perform tasks such as removing and dispensing

### Use:

- Engine oils
- Gear and transmission oils
- Power steering fluid
- Coolants
- Brake fluids
- Other fluids
- **Not for corrosive products!**





## ABSORBING TOWELS

### REF 107TA7236

- 410 x 510 mm
- 100 pieces/box
- Absorbs about everything (oil, liquids, acids ...)



## ABSORBING GRANULES

### REF 107TA7234

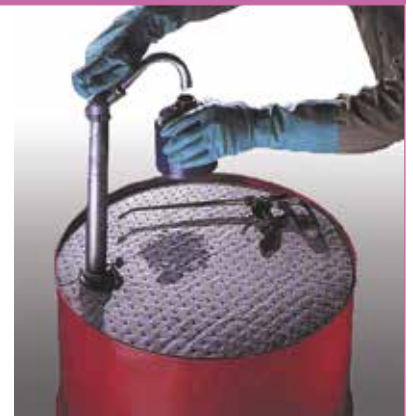
- Oil absorbing granules
- 20 kg



## BARREL TOP MAT

### REF 107TA7235

Set of 25 sheets



## WASTE OIL DISPOSAL

### REF 138TA8365

- Waste oil drainer
- Dimensions: 600 x 580 x 1150 mm
- Discharge by compressed air
- Total capacity: 75 l
- Overpressure safety valve, set at 0,5 bar, with a pressure regulating valve
- Transparent discharge hose: 2 m, with metal discharge spout
- Telescopic height level of drain bowl: 1180-1750 mm
- Drain bowl: volume 18 l, diameter: 420 mm
- For waste oils with flash points higher than 55 °C







## DISPOSABLE FUNNELS

**1 REF 131TA2352**

- Set of 3 pieces
- Length: 282 mm

**2 REF 131TA2351**

- Set of 3 pieces
- Length: 192 mm

- Made of coated, heavy-grade paper stock that can be used with almost any liquid or powder
- Various sizes to fit a wide variety of openings & applications
- Folded flat for easy storage in a drawer, glovebox, toolbox or even in a pocket
- Designed to be compact for storage & remain clean until opened, eliminating the chances of contamination
- Eliminates the costs that are incurred due to clean-up, including rags & chemicals
- Always a clean funnel



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## SPECIAL FUNNELS

**1 REF 107TA7273**

- Capacity: 1,2 l
- Diameter: 160 mm
- Oil-, acid- & fuel-resistant
- Knee funnel polyethylene
- With removable brass strainer

**2 REF 107TA7274**

- Capacity: 1,3 l
- Diameter: 160 mm
- Tin funnel with flexible metal spout
- With removable brass strainer

**REF 107TA7275**

- Capacity: 3,2 l
- Diameter: 200 mm

**3 REF 107TA7276**

- Capacity: 0,7 l
- Diameter: 150 mm
- Oil-, acid- & fuel-resistant
- Polyethylene funnel with flexible of 350 mm



**PRESSOL**



## TIN FUNNELS

### REF 107TA7270

- Capacity: 1,3 l
- Diameter: 160 mm

### REF 107TA7271

- Capacity: 3,2 l
- Diameter: 200 mm
- With removable brass strainer
- High overflow rim functions as splash guard





## FLEXIBLE DRAINING TOOL

### REF 164TA8074

- For draining & pouring of liquids in applications where rigid funnels are too big
- Bends, molds & holds any shape
- Leakproof
- As versatile in dry as in wet applications
- Store flat or roll up to take along in your toolbox or glove compartment
- 100% aluminium permanently sealed inside of a heavy coating of flexible nitrile rubber
- Dimensions: 370 x 170 mm
- Bend sides to create a small parts tray, scoop & much more
- Works in temperatures from -34 °C to 218 °C



### REF 143TA6516

Dimensions: 410 x 200 mm

## POLYETHYLENE FUNNEL WITH CAP

### REF 107TA7277

- Capacity: 3,2 l
- For waste oil or chemical disposal
- With connection G2" for barrel of 60/200 l
- Diameter: 250 mm



## BARREL FUNNEL

### REF 107TA7237

- Suitable for 200 l barrels
- Extra high capacity
- Supplied with hinged cover
- Outer diameter: 610 mm
- Height: 230 mm
- Weight: 4 kg
- Colour: yellow





## DRAIN PAN

### REF 123TA8422

- Capacity: 9,46 l
- Square with rounded corners
- Built-in hand grips create easy carrying & pouring
- Dimensions: 413 x 286 mm
- Height: 159 mm



## DRAIN PAN

### REF 123TA8423

- Capacity: 5,7 l
- Square with rounded corners
- Built-in hand grips create easy carrying & pouring
- Dimensions: 298 x 279 mm
- Height: 133 mm



## DRAIN PAN

### REF 105TA2778

- Capacity: 54,87 l
- Center draw plug with screw
- 4 large handle grips
- Heavy-duty built-in roller for easier manoeuvrability



## POLY-RECEPTACLES

### REF 107TA7242

- Capacity: 240 l
- For 2 barrels
- Barrels not included



### REF 107TA7241

- Capacity: 70 l
- For 1 barrel





## SINK

### REF 143TA6779

- Complete sink unit with brush
- Reservoir capacity: 20 l
- Dimensions: 800 x 500 x 900 mm

### REF 143TA6780

Sink without brush and supply



## PARTS CLEANER

### REF 143TA6781

- Dimensions: 800 x 540 mm
- Height: 265 mm
- Max 80 kg
- Content barrel: 200 l
- Working height: 920 mm

### REF 143TA6782

- Dimensions: 656 x 475 mm
- Height: 1075 mm
- Max 50 kg
- Content barrel: 50 l

- Parts cleaning device at workbench height for use in repair shops
- Ideal for cleaning large and bulky parts



## SPECIAL CLEANING AGENT PURGASOL

### REF 143TA6760

Content: 50 l

### REF 143TA6785

Content: 200 l

- Skin-friendly and extremely deodorizing hydrocarbon mixture, suitable for use on most surfaces
- Industrial cleaning agent with fast and uniform evaporation/drying for industrial use as solvent, degreaser and cleaning agent for industrial parts cleaning and degreasing of surfaces



## REPLACEMENT BRUSH



### REF 143TA6759



## ULTRASONIC CLEANER

**REF 143TA6761**

Content: 0,65 l

- Used for the ultrasonic cleaning of small parts (carburetors, injectors ...)
- Made of stainless steel

**REF 143TA6762**

Content: 2,8 l



## SONIC CLEANING SOLUTION

**REF 143TA6772**

Weight: 1 kg







## HIGH SPEED CHAIN OIL

**REF 143TA6909**  
500 ml



## 5-56 + PTFE UNIVERSAL OIL SPRAY

**REF 143TA6901**

- Multifunctional service fluid for use in the professional mechanic maintenance
- Repulses moisture and prevents electrical failure
- Provides a good protection against corrosion
- Cleans and protects surfaces contaminated by machining or handling
- 500 ml



## 3-36 CORROSION PROTECTION AND LUBRIFICATION

**REF 143TA6900**

- Multi-purpose lubricant prevents rust and corrosion, displaces moisture, penetrates quickly and loosens rusted parts
- Provides temporary corrosion protection, up to six months
- 500 ml



## FAST DRY DEGREASER

**REF 143TA6893**

- A fast and powerful solvent cleaner which maintains peak operating performance
- Quickly dissolves grease, oil, lubricants, tar and adhesives from all metal parts
- Leaves no residue
- Safe on most plastics, coatings and rubbers
- 500 ml





## MINUS 50

**REF 143TA6920**

- Coolant for electrical and electronic use
- Not flammable
- Used to cool down parts and components to temperatures below 0 °C to a minimum of -50 °C
- 500 ml



## START PILOT

**REF 143TA7391**

300 ml



## INJECTOR CLEANER

**REF 142TA8247**

- Cleans injector nozzles, vaporizers and the complete fuel system
- Removes gum and resin
- Lowers fuel consumption
- Reduces smoke emission
- Once-only application
- 200 ml



## DIESEL ADDITIVE

**REF 142TA8251**

- Reduces the formation of deposits in the diesel injector nozzles
- Optimizes the combustion efficiency of diesel engines
- Reduces the emission of smoke
- Once-only application
- 200 ml





## OIL DRIP STOP

### REF 142TA8252

- Restores brittle oil seals back to good condition
- Increases and stabilizes the oil viscosity
- Stops and prevents oil leakages
- 200 ml



## RTV SILICONE

### REF 107TA8454

- Blue gasket maker
- Replaces most cut gaskets
- Sensor safe
- Resists cracking, shrinking and migration
- Resists oil, water, antifreeze and transmission fluid
- For valve covers, oil pans, transmission pans, rear-end housings, timing chain covers, thermostat housings, water pumps and oil pump flanges
- Provides exceptional leak control and torque retention
- 85 g



## SILICONE GASKET SI 5990

### REF 164TA6632

Content: 100 ml

### REF 164TA6633

Content: 200 ml

- Excellent adhesive strength. Ideal for use on copper and applications involving large gaps. High temperature resistance. Label-free.
- This product is typically used in applications up to 350 °C
- The product has leading health and safety features
- Suitable for all kinds of surfaces including metals, plastics
- High temperature resistance
- Electrical insulating product
- Oil resistant
- Copper colour
- Leading in health & safety features



## SILICONE GASKET

### REF 107TA8468

- Appliance through grease and oil for easy disassembly
- Sensor safe – will not damage sensors or catalytic converters
- With lever
- 200 ml





## PRUSSIAN BLUE

### REF 164TA6634

- Locates high spots by leaving a blue mark at the point of contact on bearings, valves, gears and other close-to-tolerance components
- 250 ml



## ELECTRONIC PROTECTION SEALING

### REF 106TA1493

- Good thermal dissipation
- Good dielectric properties
- Protection of electrical circuits
- Production of thermal seals for gauges and sensors
- Sealing between resistors and metal parts in electronics and household electrical appliance
- 200 g



## STRUCTURAL BONDING – EPOXY

### REF 143TA3530

- Structural adhesive, fast cure, ideal for metal repair
- Service temperature range: -55 to 100 °C
- Technology: 2K-epoxy
- Viscosity: 35 000 mPa·s
- Mix ratio by volume: 1:1
- Working life: 4–6 min, fixture time: 15 min
- 25 ml

**Loctite 3450** is a two-component epoxy adhesive which cures rapidly at room temperature after mixing. It is a metal bonding adhesive which develops high strength. The gap filling properties make this adhesive system suitable for rough and poorly fitting surfaces made from metal, ceramic, rigid plastics or wood. Applications include bonding aluminium window frames and GRP panels.



**LOCTITE**



## FLANGE SEALANT

**REF 164TA6635**  
Content: 60 ml

- Loctite 5922
- Non-hardening sealant
- Gasket sealer n° 1

**REF 143TA3475**  
Content: 200 ml



**LOCTITE**

## O-RING KIT

**REF 147TA3485**  
5 O-ring cords with different diameters



## HEAT-RESISTANT PAINT

**REF 107TA1990**

- Black
- Heat-resistant up to 800 °C
- High-quality lacquer to treat surfaces, treated and untreated, which are exposed to very high temperatures
- 400 ml

**REF 107TA1991**

- Silver
- Heat-resistant up to 650 °C
- High-quality lacquer to treat surfaces, treated and untreated, which are exposed to very high temperatures
- 400 ml





## TOTALSOURCE HAND CLEANING WIPES

**REF 147TA3378** – Box 100 wipes (dimensions wipes: 27 x 27 cm)  
**REF 147TA3379** – Box 40 wipes (dimensions wipes: 15 x 20 cm)

- Wipes in non-woven fabric
- Fast and easy cleaning without water and soap
- With citrus solvent
- Antibacterial additive
- Suitable for removing paint, tar, rust, glue, grease, oil, lubricants etc
- Tested according to EN 1276 and EN 12504
- Cleaning power: ++++



**TOTALSOURCE®**

**REF 147TA3380**  
 Stainless steel wall bracket (can be used for REF 147TA3378)

## CLEANING TISSUE



**REF 106TA6744**

- White
- 600 m x 240 mm
- 2 rolls

**TOTALSOURCE**

### Floor-mounting dispenser



**REF 140TA9060**  
 Rolls excluded

### Wall-mounting dispenser



**REF 107TA8503**  
 Rolls excluded

## INVISIBLE GLOVES

**REF 107TA8082**

- Protects the hand just like gloves would
- Before each dirty job, rub some of the product into your hands
- Leave on for one minute and your skin is protected against dirt, oil, grease and lubricants
- 650 ml







## SPECTACLES – HONEYWELL ICOM

### REF 143TA7059

#### Features:

- An innovative solution for all-in-one eye protection and hands-free voice communication
- Designed for use in industrial work environments, delivers maximum impact protection along with crystal clear, acoustically-isolated in-ear voice communication through its dual microphone technology
- This one-of-a-kind personal protective eyewear provides a new solution and choice for safety managers faced with protecting their workers in challenging environments

#### Benefits:

- Protects the eyes and allows simple and clear communication for those who work in environments with back-ground noise or in distant working situations where clear and unobstructed communication is essential on the job
- Important for those who work in damp or humid environments or for those working outdoors where the weather conditions can change in an instant

#### Characteristics:

- Water-resistant
- Rechargeable lithium-ion polymer battery
- Assembled with a clear, fog-ban lens

#### Standard:

- Cat I
- EN 166

#### Applications:

- Industry
- Building and construction
- General industry
- Transportation



**Honeywell**

## MULTIPLE-USE EARPLUGS

### REF 143TA7080

- Orange plug, nylon with detachable cord
- Advanced material uses body heat to adapt to the individual shape of each wearer's ear canal
- Delivers superior comfort and a truly individual fit
- Simplifies inventory control – a single product fits almost every wearer
- When removed, the earplugs return to their original shape, ready to be used again and again

#### Life cycle:

We recommend replacement every 2-4 weeks

#### Standard:

- SNR 30 dB
- EN 352-2



**Honeywell**





## DISPOSABLE MASK

**REF 143TA7038**

**Features & benefits:**

- Heat-moulded shells: shape maintained even in moistened and heavy loading environments
- Soft and hypoallergenic full face seal with absorption properties, a tight sealing film and a unique design, highly adapted to the nasal area
- It offers great comfort and perfect fit. Preformed and coloured nosebridge to save time to perfectly adjust the mask and to instantly identify its protection level
- Large inner volume to easily communicate and breathe
- Shielded exhalation valve with an exclusive design to breathe easily and to avoid any risk of leakage due to a membrane damage

**EC category PPE:**

Cat III

**Protection class:**

FFP3

**Standard:**

EN 149.2001

**Mask type:**

Moulded cup

**Valve:**

Yes



**Honeywell**

## OIL GRIP FULLY COATED

- REF 143TA7000** – Size: S
- REF 143TA7001** – Size: M
- REF 143TA6997** – Size: L
- REF 143TA6998** – Size: XL
- REF 143TA6999** – Size: XXL

**Applications:**

- Mechanical assembly and subcontracting (automotive industry)
- Construction and public works
- Petrochemistry

**Advantages:**

- New liquid repellent technology
- Excellent grip in an oily environment

**Standard:**

- Cat II
- EN 420
- EN 388:4131



**Honeywell**



## LED WORK LAMP SET

### REF 139TA3793

#### Contents:

- REF 139TA3256: 60 LED handheld work lamp
- REF 139TA3257: 30 LED handheld work lamp
- REF 139TA3258: head light



## WORKLAMP

### REF 107TA7546

- TL worklamp
- 230 V/8 W
- IP20
- 5 m cable



## PENLIGHT



### REF 144TA8716

- 6+1 SMD led work light with clip, portable & convenient
- 6 pcs super bright SMD (3528) as task light, 1 super bright LED on the top as torch
- Unit size: 17 cm length
- With magnet on the clip
- Powered by 3 AAA batteries (included)

#### Application:

Road, car repair, factory, work place, camping, hiking, boating, home etc

**REF 145TA8828** Box of 12 penlights





## TORQUE WRENCHES

### TORQUE WRENCH 606/2 BETA

#### REF 127TA6242

- Click-type torque wrench with reversible ratchet for right-hand tightening torque accuracy:  $\pm 4\%$
- UNI EN 26789 ISO 6789
- Nm: 4 to 20
- Kgf.m: 0,4 to 2
- Lbf.in: 40 to 180
- Drive size: 1/4"
- Length: 220 mm
- Weight: 400 g



### TORQUE WRENCH 606/10 BETA

#### REF 127TA6245

- Click-type torque wrench with reversible ratchet for right-hand tightening torque accuracy:  $\pm 4\%$
- UNI EN 26789 ISO 6789
- Nm: 20 to 100
- Kgf.m: 2 to 10
- Lbf.in: 15 to 80
- Drive size: 3/8"
- Length: 345 mm
- Weight: 660 g



### TORQUE WRENCH 606/20 BETA

#### REF 127TA6247

- Click-type torque wrench with reversible ratchet for right-hand tightening torque accuracy:  $\pm 4\%$
- UNI EN 26789 ISO 6789
- Nm: 40 to 200
- Kgf.m: 4 to 20
- Lbf.in: 30 to 150
- Drive size: 1/2"
- Length: 440 mm
- Weight: 920 g





## 1/2" TORQUE WRENCH

**REF 142TA8030**

- Range: 0–350 Nm
- Length: 560 mm



## 1/2" TORQUE WRENCH

**REF 142TA8031**

- Range: 25–150 Nm
- Length: 560 mm



## 1/2" CLICK-TYPE TORQUE WRENCHES WITH REVERSIBLE RATCHET

**REF 143TA3798**

- Square: 1/2"
- Range: 40–200 Nm – 30–150 lbf.ft
- Length: 440 mm
- Accuracy: ± 4%
- For right-hand tightening



## 15 PIECE REVERSIBLE GEAR WRENCH – METRIC



**REF 143TA3814**

**Contents:**

- 15 reversible gear wrenches: 6 – 7 – 8 – 9 – 10 – 11 – 12 – 13 – 14 – 15 – 16 – 17 – 18 – 19 – 22 mm





## SPARK PLUG WRENCH

Width	Width AF	Length	Length	REF
<b>With rubber inside</b>				
16 mm	5/8	70 mm	1/2"	<b>106TA7973</b>
18 mm	11/16	70 mm	1/2"	<b>106TA7974</b>
20,8 mm	13/16	70 mm	1/2"	<b>106TA7975</b>
<b>With permanent magnet</b>				
16 mm	5/8	80 mm	1/2"	<b>106TA7976</b>
18 mm	11/16	80 mm	1/2"	<b>106TA7977</b>
20,8 mm	13/16	80 mm	1/2"	<b>106TA7978</b>



## STARTER WRENCHES - METRIC



Dimensions	Beta		Force		Elora	
	Length	REF	Length	REF	Length	REF
8 x 10 mm	126 mm	<b>142TA7237</b>	141 mm	<b>142TA4027</b>		
10 x 12 mm	137 mm	<b>142TA7238</b>	141 mm	<b>142TA4028</b>		
11 x 13 mm	138 mm	<b>142TA7239</b>	166 mm	<b>142TA4029</b>		
12 x 14 mm			166 mm	<b>142TA4030</b>		
13 x 15 mm			190 mm	<b>142TA4031</b>		
13 x 17 mm					190 mm	<b>142TA4024</b>
14 x 16 mm					190 mm	<b>142TA4025</b>
14 x 17 mm	183 mm	<b>142TA7240</b>	190 mm	<b>142TA4032</b>		
16 x 18 mm	196 mm	<b>142TA7241</b>	220 mm	<b>142TA4033</b>		
17 x 19 mm			220 mm	<b>142TA4034</b>		
19 x 21 mm					220 mm	<b>142TA4026</b>
19 x 22 mm	231 mm	<b>142TA7242</b>	256 mm	<b>142TA4035</b>		







## STARTER WRENCHES - INCH



Dimensions	Beta		Force		Elora	
	Length	REF	Length	REF	Length	REF
7/16" x 1/2"	138 mm	<b>142TA7243</b>				
1/2" x 9/16"					164 mm	<b>142TA4036</b>
9/16" x 5/8"	183 mm	<b>142TA7244</b>				
5/8" x 3/4"					200 mm	<b>142TA4037</b>
11/16" x 3/4"			137 mm	<b>142TA4038</b>		
3/4" x 7/8"	230 mm	<b>142TA7245</b>				



## FLARE NUT WRENCHES – METRIC





Dimensions	Beta		Force		Elora	
	Length	REF	Length	REF	Length	REF
8 x 10 mm	140 mm	<b>142TA7270</b>	145 mm	<b>142TA4119</b>	150 mm	<b>142TA4112</b>
9 x 11 mm	153 mm	<b>142TA7271</b>	150 mm	<b>142TA4127</b>	150 mm	<b>142TA4113</b>
11 x 13 mm	175 mm	<b>142TA7272</b>	165 mm	<b>142TA4120</b>	165 mm	<b>142TA4128</b>
12 x 14 mm	175 mm	<b>142TA7273</b>	178 mm	<b>142TA4121</b>	190 mm	<b>142TA4114</b>
13 x 15 mm					190 mm	<b>142TA4115</b>
14 x 15 mm	175 mm	<b>127TA4482</b>				
14 x 16 mm					200 mm	<b>142TA4116</b>
16 x 18 mm			210 mm	<b>142TA4122</b>	210 mm	<b>142TA4129</b>
17 x 19 mm	212 mm	<b>142TA7274</b>	210 mm	<b>142TA4123</b>	210 mm	<b>142TA4117</b>
19 x 22 mm	228 mm	<b>142TA7275</b>	233 mm	<b>142TA4124</b>	230 mm	<b>142TA4130</b>
24 x 27 mm	260 mm	<b>142TA7276</b>	265 mm	<b>142TA4125</b>	260 mm	<b>142TA4131</b>
30 x 32 mm	300 mm	<b>142TA7277</b>	385 mm	<b>142TA4126</b>	288 mm	<b>142TA4132</b>



## FLARE NUT WRENCHES - INCH



Dimensions	Force		Elora	
	Length	REF	Length	REF
5/16" x 3/8"	145 mm	<b>142TA4133</b>	150 mm	<b>142TA4140</b>
3/8" x 7/16"	152 mm	<b>142TA4134</b>	165 mm	<b>142TA4141</b>
9/16" x 5/8"			200 mm	<b>142TA4142</b>
7/16" x 1/2"	165 mm	<b>142TA4135</b>		
1/2" x 9/16"	178 mm	<b>142TA4136</b>		
5/8" x 3/4"	210 mm	<b>142TA4137</b>	210 mm	<b>142TA4143</b>
11/16" x 3/4"	210 mm	<b>142TA4138</b>		
3/4" x 7/8"	233 mm	<b>142TA4139</b>	230 mm	<b>142TA4144</b>

## 6 PIECE FLARE NUT WRENCH SET - METRIC



**REF 143TA3792**

**Contents:**

6 flare nut wrenches: 8 x 10 – 10 x 11 – 11 x 13 – 12 x 14 – 17 x 19 – 19 x 22 mm





## ADJUSTABLE OIL FILTER WRENCH



**REF 125TA6872**  
Diameter: 65–110 mm



## FILTER WRENCH, THREE ARMS

**REF 143TA7459**  
Capacity: 80–120 mm

**REF 143TA7458**  
Capacity: 95–165 mm

- For oil filter and air dryer cartridges
- Forged execution
- 1/2" square drive
- Automatic adjustment in the specified diameter range
- For heavy workshop applications
- Special steel



1/2"










## 94 PIECE COMBINATIONS SET - METRIC











### REF 142TA5938

#### Contents:

#### 1/4"

-  13 surface drive sockets:  
4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
-  8 long surface drive sockets:  
6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
-  3 slotted bit sockets:  
4 - 5,5 - 6,5 mm
-  2 Phillips bit sockets:  
PH1 - PH2
-  2 Pozidriv bit sockets:  
PZ1 - PZ2
-  7 star bit sockets:  
T8 - T10 - T15 - T20 - T25 - T27 - T30
-  4 hexagon bit sockets:  
3 - 4 - 5 - 6 mm
  - 1 x 24-teeth ratchet
  - 1 spinner: 150 mm
  - 1 sliding T-handle
  - 2 extensions: 50 - 100 mm
  - 1 universal joint

#### 1/2"


-  17 surface drive sockets:  
10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm
-  5 long surface drive sockets:  
14 - 15 - 17 - 19 - 22
-  3 slotted bit sockets:  
8 - 10 - 12 mm
-  2 Phillips bit sockets:  
PH3 - PH4
-  2 Pozidriv bit sockets:  
PZ3 - PZ4
-  4 star bit sockets:  
T40 - T45 - T50 - T55
-  5 hexagon bit sockets:  
7 - 8 - 10 - 12 - 14 mm
  - 2 spark plug sockets: 16 - 20,6 mm
  - 1 bit holder socket: 1/2" x 5/16"
  - 1 x 24-teeth ratchet
  - 2 extensions: 125 - 250 mm
  - 1 universal joint
  - 1 adapter for extension: F3/8" x M1/2"
-  3 hexagon keys:  
1,5 - 2 - 2,5 mm



## 20 PIECE 3/4" HEXAGON SOCKET AND ACCESSORIES SET - METRIC

### REF 142TA5947

#### Contents:

-  16 hexagon sockets:  
19 - 21 - 22 - 23 - 24 - 26 - 27 - 29 - 30 - 32 - 35 - 36 - 38 - 41 - 46 - 50 mm
  - 1 x 24-teeth ratchet
  - 1 sliding T-handle
  - 2 extensions: 100 - 200 mm





## 8 PIECE 3/4" IMPACT SOCKET SET - INCH



REF 142TA7347

**Contents:**

8 hexagon impact sockets: 1" - 1 1/16" - 1 1/8" - 1 1/4" - 1 5/16" - 1 3/8" - 1 7/16" - 1 1/2"



## 10 PIECE 3/4" HEXAGON IMPACT SOCKET SET - METRIC



REF 143TA3709

**Contents:**


10 hexagon impact sockets: 17 - 19 - 22 - 24 - 27 - 30 - 32 - 36 - 41 - 46 mm



## 8 PIECE 1/2" HEXAGON BIT SOCKET SET - METRIC

REF 142TA5917

**Contents:**


 8 hexagon bit sockets:  
5 - 6 - 7 - 8 - 10 - 12 - 14 - 17 mm



## 8 PIECE 1/2" LONG HEXAGON BIT SOCKET SET - METRIC

REF 142TA5920

**Contents:**

 8 long hexagon bit sockets:  
5 - 6 - 7 - 8 - 10 - 12 - 14 - 17 mm








## 9 PIECE 1/2" STAR BIT SOCKETS

**REF 142TA5912**

**Contents:**

-  9 star bit sockets:  
 T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60









## 68 PIECE COMBINATION SET - METRIC

**REF 142TA5936**



**Contents:**

**1/4"**

-  13 surface drive sockets:  
 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
-  3 slotted bit sockets:  
 4 - 5,5 - 7 mm
-  3 Phillips bit sockets:  
 PH1 - PH2 - PH3
-  3 Pozidriv bit sockets:  
 PZ1 - PZ2 - PZ3
-  7 star bit sockets:  
 T8 - T10 - T15 - T20 - T25 - T27 - T30
-  6 hexagon bit sockets:  
 3 - 4 - 5 - 6 - 7 - 8 mm
  - 1 x 24-teeth ratchet
  - 1 spinner: 150 mm
  - 1 sliding T-handle
  - 2 extensions: 50 - 100 mm
  - 1 flexible extension
  - 1 universal joint



**1/2"**

-  15 surface drive sockets:  
 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 22 - 24 - 27 - 30 - 32 mm
  - 2 spark plug sockets: 16 - 20,6 mm
  - 1 x 24-teeth ratchet
  - 2 extensions: 125 - 250 mm
  - 1 adapter for extension: F3/8" x M1/2"
  - 1 universal joint
-  4 hexagon keys:  
 1,25 - 1,5 - 2 - 2,5 mm






## 3 PIECE PLIERS SET

**REF 127TA8106**

**1169BM/D3**

**Contents:**

-  Long needle nose pliers: 160 mm
-  Combination pliers: 180 mm
-  Diagonal cutter: 160 mm





## GRIP PLIERS



**Gripping jaws: chrome-vanadium electric steel, forged**

Length	Type	REF
100 mm	4WR	142TA1071
130 mm	5WR	142TA1072
175 mm	7WR	142TA1073
225 mm	10WR	142TA1074



## PLIERS AND A WRENCH IN A SINGLE TOOL



**Chrome-vanadium electric steel, forged, oil-hardened**


Length	REF
180 mm	142TA1039*
250 mm	142TA2043*
300 mm	142TA2044*



## COBRA XXL PIPE WRENCH AND WATER PUMP PLIERS



### REF 142TA1044

- Chrome-vanadium electric steel, forged, oil-hardened
-  120 mm
- Length: 560 mm

### Applications:

- Fine adjustment by pushing a button: fast and comfortable
- Fast and firm adjustment directly on the workpiece



\*Blister pack



## 8 PIECE 'BETAMAX' SCREWDRIVER SET

**REF 125TA6758**  
**1293/D8**

**Contents:**

- 5 slotted screwdrivers:  
0,5 x 3 x 75 – 0,8 x 4 x 100 – 1 x 5,5 x 150 –  
1,2 x 6,5 x 150 – 1,2 x 8 x 150 mm
- ⊕ 3 Phillips screwdrivers:  
PH0 x 3 x 60 – PH1 x 4,5 x 80 – PH2 x 6 x 100 mm



## 6 PIECE SLOTTED AND PHILLIPS ANTISLIP BI-COMPONENT HANDLE SCREWDRIVER SET

**REF 142TA1918**

**Contents:**

- 3 slotted screwdrivers:  
5,5 x 100 – 6,5 x 125 – 8 x 150 mm
- ⊕ 3 Phillips screwdrivers:  
PH1 x 80 – PH2 x 100 – PH3 x 150 mm



## 13 PIECE HEXAGON SCREWDRIVER SET

**REF 142TA1937**

**Contents:**

- ⊙ 13 hexagon screwdrivers:  
4 x 250 – 4,5 x 250 – 5 x 250 – 5,5 x 250 – 6 x 250 –  
7 x 250 – 8 x 250 – 9 x 250 – 10 x 250 – 11 x 250 –  
12 x 250 – 13 x 250 – 14 x 250 mm





## DEAD BLOW HAMMER WITH INTERCHANGEABLE PLASTIC FACES

Head size	REF hammer
30 mm	127TA8798
35 mm	127TA8799
40 mm	127TA8800
50 mm	127TA8801

Head size	REF spare faces	
30 mm	142TA2708	
35 mm	142TA2709	
40 mm <td 142TA2710	50 mm	142TA2711
50 mm	142TA2711	



## 14 PIECE HEXAGON KEY SET - METRIC



**REF 142TA2680**

**Contents:**

14 hexagon keys: 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 - 12 - 14 - 17 - 19 - 22 mm



## 14 PIECE HEXAGON KEY SET - INCH



**REF 142TA2681**

**Contents:**





14 hexagon keys: 1/16" - 5/64" - 3/32" - 1/8" - 5/32" - 3/16" - 7/32" - 1/4" - 5/16" - 3/8" - 1/2" - 9/16" - 5/8" - 3/4"





## SEPARATING AND PULLING SETS





	Pieces			REF	
8-60 mm	4	i-box	1	<b>143TA5827</b>	<b>143TA5812 143TA5832 143TA5838</b>
12-75 mm	4	i-box	1	<b>143TA5828</b>	<b>143TA5815 143TA5833 143TA5838</b>
22-115 mm	4	L-box	1	<b>143TA5829</b>	<b>143TA5819 143TA5834 143TA5838</b>
25-155 mm	4	Metal	1	<b>143TA5830</b>	

## DISPLAY STAND WITH PULLERS



Sales display with 2-arm pullers

	REF	
1	<b>143TA5856</b>	<b>143TA5846 143TA5847 143TA5848 143TA5849 143TA5850</b>



## HONING BRUSH



Diameter	REF	Diameter	REF
10 mm	116TA5616	38 mm	116TA5627
12 mm	116TA5617	41 mm	107TA7604
16 mm	116TA5618	45 mm	116TA5628
19 mm	116TA5619	51 mm	116TA5629
20 mm	116TA5620	64 mm	116TA5630
22 mm	116TA5621	70 mm	116TA5631
25 mm	116TA5622	76 mm	116TA5632
26,9 mm	116TA5623	80 mm	116TA5633
29 mm	116TA5624	89 mm	116TA5634
31,8 mm	116TA5625	95 mm	116TA5635
35 mm	116TA5626		

## PISTON RING COMPRESSOR

Range	Height	REF
40-75 mm	50 mm	143TA7418
90-175 mm	80 mm	143TA7416
90-175 mm	165 mm	143TA7417



## PISTON RING COMPRESSOR SET

### REF 143TA7375

#### Contents:

- 1 ratchet pliers
- 6 bands:
  - 2 7/8" - 3 1/8"
  - 3 1/8" - 3 3/8"
  - 3 3/8" - 3 5/8"
  - 3 5/8" - 3 7/8"
  - 3 7/8" - 4 1/8"
  - 4 1/8" - 4 3/8"
- Installs pistons from 73 to 111 mm
- Ratcheting lock allows the bands to compress in small increments
- Can be used parallel, vertically, perpendicular and horizontally







## PISTON RING SERVICE TOOL SET

### REF 143TA7419

#### Contents:

- 3 piston ring compressors with ratchet key:
  - Height: 3"; dia: 53-125 mm
  - Height: 3 1/2"; dia: 90-175 mm
  - Height: 4"; dia: 90-175 mm
- 1 piston ring tool capacity: 50-100 mm
- 1 piston ring groove cleaning
  - Fits 2-5"
  - Blade 1: 1/16"-3/16"
  - Blade 2: 2-4,5 mm
  - Blade 3: 1,2-5,5 mm
- 1 offset screwdriver



## VALVE SPRING COMPRESSOR



### REF 143TA7422

- For large engines, most suitable for commercial vehicles and general garage use
- Jaw opening: 70-200 mm
- Throat clearance: 250 mm

## PISTON PIN DRIVER



### REF 143TA7420

- Range: 38 mm
- Suitable for motorcycle and other small engines
- Supplied with 2 supplementary pressure pads



## PISTON PIN DRIVER



### REF 143TA7421

- Range: 100 mm
- Suitable for all automobile and motorcycle engines
- Supplied with 3 supplementary pressure pads

## PISTON GROOVE SCRAPER



### REF 143TA7513

- For cleaning piston grooves
- Stepless adjustment for all pistons from 50-175 mm with 4 specially hardened blades for different grooves, nickel-plated

## 31-PIECE TAP AND DIE SET – M3-M12



### REF 142TA7891



## 45-PIECE TAP AND DIE SET - M3-M12



**REF 142TA7892**

## 44-PIECE TAP AND DIE SET - M5-M20



**REF 142TA7893**

## THREAD RECOILS - COMPLETE TOOL - INCH

Dimensions	REF
5/16" - 24 mm	<b>142TA7926</b>
3/8" - 24 mm	<b>142TA7927</b>
5/16" - 20 mm	<b>142TA7928</b>
1/2" - 20 mm	<b>142TA7929</b>
9/16" - 18 mm	<b>142TA7930</b>
5/8" - 18 mm	<b>142TA7931</b>
3/4" - 16 mm	<b>142TA7932</b>
7/8" - 14 mm	<b>142TA7933</b>
1" - 12 mm	<b>142TA7934</b>
1" - 14 mm	<b>142TA7935</b>





## IMPACT WRENCH

### REF 141TA5912

- Square drive: 1/2"
- Max torque wrench: 542 Nm
- Free speed: 8000 rpm
- Weight: 2,56 kg
- Average air consumption: 119 l/min



## IMPACT WRENCH

### REF 143TA7478

- Square drive: 3/4"
- Working torque wrench: 68–810 Nm
- Max torque wrench: 1054 Nm
- Free speed: 9000 rpm
- Weight: 2,7 kg



## IMPACT RATCHET WRENCH

### REF 143TA7490

- Square drive: 1/2"
- Working torque wrench: 60 Nm
- Max torque wrench: 90 Nm
- Free speed: 170 rpm
- Weight: 0,9 kg
- Average air consumption: 170 l/min



## PNEUMATIC GRINDER

### REF 143TA7498

- Collet size: 6 mm
- Free speed: 23 000 rpm
- Power: 300 W
- Weight: 0,55 kg
- Average air consumption: 330 l/min





## 5-DRAWER TOOL CHEST - ORANGE



**REF 143TA6643**  
Dimensions: 700 x 462 x 330 mm



## HIP MAT



**REF 107TA8100**  
· 420 x 900 mm  
· Thickness: 30 mm

## CAR CREEPER



**REF 143TA5421**  
· Car creeper with adjustable backrest  
· Length: 1030 mm



## CABLE REEL WITH LED LAMP

**REF 134TA8421**

**Dimensions:**

- Cable length: 15,5 m:  
14 m coiled cable length +  
1,5 m uncoiled cable length
- Feeding cable: 1 m
- Lamp holder: 2G7
- Lamp protection degree: IP55
- Reel protection degree: IP42
- Voltage input: max 230 V
- Bulb: yes

**Technical features:**

- Structural elements of cable reel in shock-resistant plastic material
- Roller cable guide, facilitating homing of cable
- Ratchet stop
- Wall-mountable steel bracket
- Rewinding cable spring at high resistance
- Wiping contacts with collector ring and brushes
- Working temperature: -5 °C to 40 °C
- Spring-operated cable reel for wall mounting equipped with inspection lamp (without transformer)



## HIGH-PRESSURE HOSE REEL FOR AIR AND WATER

**REF 143TA6613**

**Dimensions:**

- Hose diameter: 8 mm
- Hose length: 20 m:  
19 m coiled cable length +  
1 m uncoiled cable length
- Maximum pressure: 200 bar
- Entry: 1/2 " M
- Exit: 3/8" F







## RAMP

### REF 140TA2078

- Height: max 280 mm
- Width: max 260 mm
- Length: 1200 mm
- Load capacity: 4 tonne/pair
- Safe for simple maintenance tasks
- Equipped with a safety pin and handle
- Sold per pair
- Max wheel diameter: 650 mm
- Aluminium version: light but strong



## SAFETY BLOCKS

### REF 137TA1789

#### Complete kit:

- Each kit comprises 10 pieces:
  - 2 base blocks
  - 2 top blocks
  - 6 interconnecting blocks
- Each block is 50 mm thick x 245 mm long
- Tested to a load of 100 tonne
- Lightweight and easy to handle
- Will not split or rot
- Secure interlocking blocks
- Variable height possible



#### For your safety:

- Use max 5 blocks for 1 stack
- The shop floor must be dry and clean, to prevent the block from slipping
- The base block always needs to be placed on the floor and the top block underneath the lift truck



## ELECTRIC LIFT TABLE

### REF 136TA1016

- Load capacity: 1500 kg
- Lifting height: 1000 mm
- Loading surface: 1500 x 1000 mm
- Width: 1000 mm
- Length: 1500 mm
- Weight: 275 kg
- Height: 210 mm





## RELATED ACCESSORIES

### BELT IDENTIFICATION TOOL

REF 106TA6951

- Find the exact replacement belt instantly
- A quick check shows the inner belt length (Li)
- Scale will read-out the exact size



### BELT IDENTIFICATION TOOL FOR FLAT BELTS

REF 137TA1762

Type PK, AVX10 & AVX13



### BELT TENSION CONTROLLER

REF 137TA1763

150-600 N

REF 141TA7049

500-1400 N





## OUTSIDE MICROMETERS

Reading to 0,01 mm

Range	Length	REF
0-25 mm	130 mm	<b>142TA3004</b>
25-50 mm	165 mm	<b>142TA3005</b>
50-75 mm	190 mm	<b>142TA3006</b>
75-100 mm	220 mm	<b>142TA3007</b>



## OUTSIDE MICROMETERS

Length	REF
0-25 mm	<b>142TA3051</b>
25-50 mm	<b>142TA3052</b>
50-75 mm	<b>142TA3052</b>
75-100 mm	<b>142TA3054</b>



## INSIDE MICROMETERS

Length	REF
5-30 mm	<b>142TA3048</b>
25-30 mm	<b>142TA3049</b>
50-75 mm	<b>142TA3050</b>





## DIAL GAUGE

### REF 142TA3058

- Mechanical gauge
- 0,01 mm
- Tone down shocks
- Stainless steel
- Length: 10 mm



## MAGNETIC DIAL GAUGE HOLDER

### REF 142TA3060

- Magnetic holder
- Suture strength of 80 kg
- Magnetic base 50 x 60 x 55 mm
- Vertical arm: 225 mm
- Horizontal arm: 180 mm





## METRIC FEELER GAUGES

Thickness	Weight	REF
0,002÷0,020 mm	35 g	<b>142TA3009</b>
0,002÷0,035 mm	65 g	<b>142TA3010</b>
0,002÷0,040 mm	100 g	<b>142TA3011</b>



## METRIC FEELER GAUGE



**REF 142TA3062**  
20 metric feeler gauges from 0,05 to 1 mm



## SEMI-RIGID GRADUATED RULES

**REF 142TA3063**  
Metric and Whitworth

**REF 142TA3064**  
Metric

**REF 142TA3065**  
Inch



## SCREW PITCH GAUGE

**REF 142TA3012**

- Metric 60°: 0,25÷6
- Whitworth 55°: 62÷4x1"
- Weight: 75 g





## COMPRESSION GAUGES



### COMPRESSION GAUGE FOR GASOLINE ENGINES 960CMB BETA

**REF 125TA6869**

- Instrument for controlling compression on petrol engines
- Bar: 4 to 17
- Weight: 2,3 kg



### COMPRESSION GAUGE FOR DIESEL ENGINES 960CMD BETA

**REF 125TA6870**

- Instrument for controlling compression on diesel engines
- Bar: 8 to 40
- Weight: 2,4 kg
- This compression gauge for diesel engines can only be used in combination with below kit 127TA7822



## KIT DUMMY VAPORIZERS + 1 DUMMY SPARK PLUG



### 3 DUMMY VAPORIZERS + 1 DUMMY SPARK PLUG 960KIT/1 BETA

**REF 127TA7822**

- 3 dummy injectors and 1 dummy spark plug
- To be used with compression gauge diesel Beta 960CMD
- Weight: 1,1 kg
- Dimensions of the box: 240 x 210 x 45 mm







## STETHOSCOPE FOR MECHANICS



### REF 142TA3157

- Simple stethoscope
- Detects and locates abnormal noises

## USB ENDOSCOPE



### REF 151TA2984

Save money using this mini HD-camera: check the condition of parts located in places that take a long time to reach.

#### Technical information:

- 1280\*1024 (1,300,000)
- Focus distance: 30 mm - 80 mm
- Probe diameter:  $\Phi$  8.0 mm
- Length = 2 metres

## MOBILE INSPECTION CAMERA

### REF 164TA1065

#### Technical information:

- Sensor: CMOS
- Waterproof: IP67
- Pixel: 640\*480 (0.3 Megapixels)
- View Angle: 60 degree Fov(D)
- Probe diameter: 5.5 mm
- Diameter of Snake Tube: 6.2 mm
- IR LED: 4 pcs
- Length: 750 mm
- Cable length: 119 cm
- Temperature: -10 °C – 50 °C
- Suitable for Apple and Android





## PROFESSIONAL ENDSCOPE

### REF 164TA6636

This professional endoscope is indispensable for the modern workshop. It combines the advantage of an excellent monitor with the movement of the camera head. It is ideal to see inside your engine or transmission without spending hours and hours of working time.

#### Features:

- Fast and easy joystick operation: provides snapshot (freeze image), light + (boost) and light- functions on the controller
- Stainless steel braided tube: durable, rusty and temperature resistant
- Full ways articulation: provides flexibility in narrow space inspection
- Semi-rigid detachable metal shaft, scratch resistant, water-, oil and fuel-resistant (IP67)
- High brightness LED light source (0-275 Lux/6 cm) combined with a dimmer
- Zoom: digital 3 x 5
- Mirroring: complete mirroring and rotating (views: normal /mirror/180°/mirror + 180°)
- With SD memory card sleeve
- 22 languages available





## ELECTRONIC SOUND DETECTOR

### REF 142TA3142

A versatile electronic listening tool which is designed to allow the user to listen to amplified sounds through a professional set of headphones during a road test.

There are 6 extremely sensitive microphones/clamps that can be attached adjacent to many difficult to diagnose vehicle parts. Some of these vehicle parts/areas include:

- Wheel bearings
- Brake calipers
- C.V. joints
- Leaf and coil springs
- Differential
- Transmission
- Body squeaks and rattles
- Under dash
- Fuel injectors
- Alternator
- Water pump
- Smog pump
- Power steering pump
- AC compressors

During a road test, these parts do not make the same sound when the car is on a hoist. In order to accurately diagnose an undercar problem the car must be driven during diagnosis so that all parts and bearings are under full load and actual driving conditions.



## SMOKE TEST SET

### REF 106TA6388

- Determines efficient combustion and is internationally recognized as the standard method for evaluating smoke density in the flue gases from distillate fuels. Too much smoke is one of the most common causes of excessive fuel usage and expensive service requirements.
- That is precisely why the smoke test set is an indispensable part of any oil burner service job; and with the tester, an accurate smoke reading takes less than a minute. The 10 spots on the scale range in equal photometry steps from white to black to completely cover any smoke condition which may be experienced on residential or commercial oil burners.





## CARBON MONOXIDE ANALYZER

### REF 106TA6390

The CO analyzer is a hand-held instrument designed to locate CO in ambient air as well as in stack gases. The continuous sampling instrument quickly and accurately measures levels of CO between 0 and 2000 ppm. This is also available in a high range version (0-85 000 ppm) for vehicle emission testing and forklift tuning.

#### Features:

- Quickly measures and displays low levels of CO 0-2000 ppm
- Measures in increments of 1 ppm
- Multi-purpose strap for easy holding
- Probe and hose assembly for flue gas testing
- Highly visible digital display with backlight

#### Typical applications:

- CO safety checks on combustion stack gas and ambient air levels
- Analyzing indoor air quality and safety
- Furnace and boiler servicing or replacement



## XENON TIMING LIGHT

### REF 131TA6366

- The xenon timing light allows the dynamic ignition timing to be set. Includes inductive pick-up for simple connection.
- Suitable for any petrol engine vehicle with 12 V ignition system including electronic types where applicable, though some ignition systems are not externally adjustable.
- Indicates ignition timing and allows adjustment to manufacturer's specification. Inductive pick-up clips directly on the ignition HT lead. Powered by vehicles own 12 V battery.
- The special xenon bulb provides the ultrabright flash needed to see engine timing marks under normal daylight or bright workshop conditions.
- Operates on all 12 V ignition systems
- Xenon bulb providing brilliant blue/white
- 1 000 000 flash capacity
- Automotive reverse polarity and overload protection
- Inductive pick-up
- Replaceable xenon flash tube





## FLUKE® TIS20

### *An imager for every application*

A Fluke thermal imager can save you time and money by finding potential problems before they become costly failures. With the innovative features and functionalities of the Fluke thermal imagers, you can perform infrared inspections faster and more efficiently and thoroughly document problem areas for additional follow-up. Get detailed images in an affordable thermal imager that's rugged and reliable.

They come standard with Fluke Connect™ the world's largest system of connected test and measurement tools.

Analyze all your IR-images with the Fluke SmartView™ software. Securely store and manage your images, free WiFi upload to Fluke Cloud™ storage.

(\*). Fluke connect™ works with WIFI and some countries require special WIFI radio compliance certification.

Countries with WIFI – radio license: Australia, Austria, Belgium, Bulgaria, Canada, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, New Zealand, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom, United States. Please contact us if your country is not listed above.

#### REF 147TA5768

#### Fluke® TIS20

- Size (H x W x D): 267 x 101 x 145 mm
- Weight: 0,720 kg
- Warranty: two years

#### Included accessories:

AC power adapter, lithium ion smart battery, USB cable, soft transport bag, quick reference guide and safety sheet. Software is available via download at [www.Fluke.com/smartviewdownload](http://www.Fluke.com/smartviewdownload)



#### Recommended accessories:



REF 140TA8977  
FLK-TI-SBP3  
Extra rechargeable battery



REF 140TA8978  
TI-CAR CHARGER  
Vehicle charger



REF 140TA8976  
FLK-TI-SBC3  
Charging base

