ABGASSYSTEME

DES Fördertechnik

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

INDEX

page

Part 1: MUFFLERS: 5

- Technische fiche uitlaatpot 6
- Fiche technique pot d'échappement 8
- Technical detail muffler 10
- Technische Daten Schalldampfer 12

- Mufflers used for:

ALLIS CHALMERS-KALMAR AC 14
ARTISON 17
ASEA (ABB) (Cfr KALMAR)
AUSA 18
BALKANCAR 19
BAOLI 20
BAUMANN 21
BKS (Cfr JUNGHEINRICH-STEINBOCK)
BOBCAT 22
BONSER (Cfr LINDE-LANSING)
BOSS (Cfr JUNGHEINRICH-STEINBOCK)
BT 24
CATERPILLAR (Cfr MITSUBISHI-CATERPILLAR)
CESAB (Cfr BT)
CLARK-SAMSUNG 25
COVENTRY CLIMAX 35
DALIAN 37
DESTA 38
DATSUN (Cfr NISSAN)
DIECI 39
ESSELINGEN (Cfr STILL)
FANTUZZI 40
FENWICK & PEG 41
GENIE 43
GULDNER (Cfr LINDE-LANSING)
HALLA (Cfr HYUNDAI)
HANGZHOU / HC / HANGCHA 44
HARLAN 45
HAULOTTE 46
HELI 47
HENLEY (Cfr LINDE-LANSING)
HYSTER 49
HYUNDAI 56
IRION (Cfr KALMAR)
IRISMAN 58
JCB 59
JELAU (Cfr BALKANCAR)
JLG 62
JUNGHEINRICH-STEINBOCK 63
KALMAR 70
KOMATSU 73
KOOI AAP 82
LANCER BOSS (Cfr JUNGHEINRICH-STEINBOCK)
LANSING (Cfr LINDE-LANSING)
LINDE-LANSING 83
LMV (Cfr KALMAR)
LUGLI 93
MANITOU 94
MATRAL (Cfr STILL)

INDEX

page

MERLO 99
MIC (Cfr JUNGHEINRICH-STEINBOCK)
MITSUBISHI-CATERPILLAR 100
MOFFETT 108
MORA 109
NISSAN 110
OM PIMESPO 120
OMG 125
PATRIA 126
PEG (Cfr FENWICK & PEG)
PIMESPO (Cfr OM PIMESPO)
RANSOMES (Cfr HYSTER)
RAYMOND (Cfr BT)
SALEV 127
SAMSUNG (Cfr CLARK-SAMSUNG)
SANDERSON 128
SAXBY (Cfr STILL)
SISU (Cfr KALMAR)
SMV KONECRANES 129
STEINBOCK (Cfr JUNGHEINRICH-STEINBOCK)
STILL 130
SUMITOMO (Cfr YALE)
SVE TRUCK 133
TAILIFT 134
TCM 135
TECNOCAR (Cfr BALKANCAR)
TENNANT 144
TEREX 145
TOYOTA 146
UPRIGHT 155
VALMET (Cfr KALMAR)
WAGNER (Cfr STILL)
YALE 156
YANG - YAM - PUMA 161

• Complete range of mufflers 162

Part 2: EXHAUST TUBES: 181

• Technische fiche uitlaatbuis 182
• Fiche technique tubulures sortie moteur / échappement 184
• Technical detail exhaust tubes 186
• Technische Daten Auspuffrohr 188

• Exhaust tubes used for:
ALLIS CHALMERS-KALMAR AC 190
ARTISON 193
ASEA (ABB) (Cfr KALMAR)
ATLET-LAFIS 194
AUSA 195
BALKANCAR 196
BAOLI 197
BAUMANN 198
BKS (Cfr JUNGHEINRICH-STEINBOCK)
BOBCAT 199
BONSER (Cfr LINDE-LANSING)

INDEX

page

BOSS (Cfr JUNGHEINRICH-STEINBOCK)
CATERPILLAR (Cfr MITSUBISHI-CATERPILLAR)
CLARK-SAMSUNG 201
COVENTRY CLIMAX 221
CROWN 224
DANTRUCK 225
DATSUN (Cfr NISSAN)
DESTA 226
DIECI 227
ESSELINGEN (Cfr STILL)
FANTUZZI 228
FENWICK & PEG 229
GENIE 231
GROVE 233
GULDNER (Cfr LINDE-LANSING)
HALLA (Cfr HYUNDAI)
HANGZHOU / HC / HANGCHA 234
HARLAN 235
HAULOTTE 236
HELI 237
HENLEY (Cfr LINDE-LANSING)
HYSTER 238
HYUNDAI 259
IRION (Cfr KALMAR)
JCB 261
JLG 263
JELAU (Cfr BALKANCAR)
JUNGHEINRICH-STEINBOCK 264
KALMAR 279
KOMATSU 284
KOOI AAP 300
LAFIS (Cfr ATLET-LAFIS)
LANCER BOSS (Cfr JUNGHEINRICH-STEINBOCK)
LANSING (Cfr LINDE-LANSING)
LINDE-LANSING 301
LMV (Cfr KALMAR)
LUGLI 318
MANITOU 319
MATRAL (Cfr STILL)
MERLO 325
MIC (Cfr JUNGHEINRICH-STEINBOCK)
MITSUBISHI-CATERPILLAR 326
MOFFETT 342
NIFTYLIFT 343
NISSAN 344
OM PIMESPO 353
OMG 366
PATRIA 367
PEG (Cfr FENWICK & PEG)
PIMESPO (Cfr OM PIMESPO)
RANSOMES (Cfr HYSTER)
SALEV 368
SAMBRON 369
SAMSUNG (Cfr CLARK-SAMSUNG)
SANDERSON 370
SAXBY (Cfr STILL)
SISU (Cfr KALMAR)

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

INDEX

page

SMV KONECRANES 371
STEINBOCK (Cfr JUNGHEINRICH-STEINBOCK)
STILL 372
SUMITOMO (Cfr YALE)
SVE TRUCK 379
TAILIFT 380
TCM 382
TECNOCAR (Cfr BALKANCAR)
TENNANT 391
TEREX 392
TOYOTA 393
VALMET (Cfr KALMAR)
WAGNER (Cfr STILL)
YALE 411
YANG - YAM - PUMA 423

• Complete range of exhaust tubes 424

Part 3: EXHAUST PURIFIERS: 457

• Catalytic converters 458
• Temporary exhaust filters (diesel & gasoline) 471
• Exhaust fume washer (diesel) 472
• Soot filter with exchangeable cartridges (diesel) 473
• Spark arrestors 474

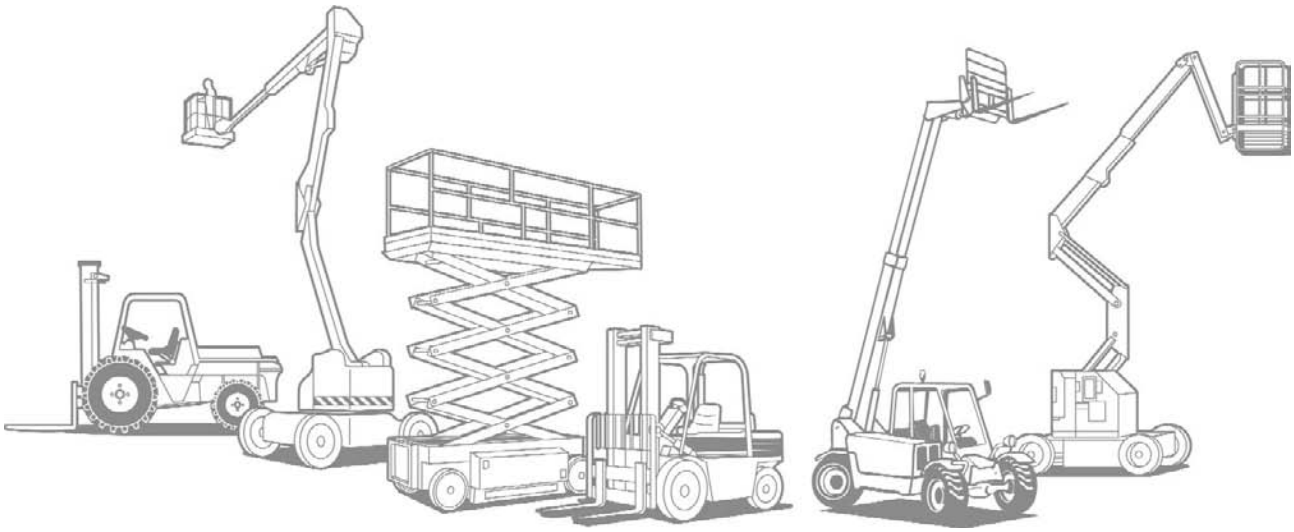
Part 4: EXHAUST ACCESSORIES: 475

• Exhaust caps 476
• Flexible exhaust pipes 476
• Exhaust clamps 477
• Pipe exhaust sleeve 478
• Heat resistant exhaust wrapping 478
• Diesel fuel treatment 478
• Mounting paste 478
• Heat resistant paint 478
• Heat resistant gloves 478
• Copper spray 478
• Repair paste 479
• Grease 479
• Pipe cutter 480
• Pipe expander 480
• Multilayer insulation 481
• Heat shield 483
• Seal 485

Part 5: TOOLS & MEASURING INSTRUMENTS: 489

• Analyzers 4-5 gaz 490
• Smoke test set 491
• Carbon monoxide analyzer 491
• Pressure gauge 491

Part: 1
MUFFLERS



DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

TECHNISCHES DATENBLATT
SCHALLDAMPFER

Gruppe	Beispiel	Kundendaten
15-01-01-00		

Maschinentyp: ..... ☐ Preisanfrage

Serienr. maschine: ..... ☐ Bestellung

CODE: TY x L1 x L2 x D1 x L3 x L4 x D2 x D3 x AT-B

... TY..... Körpertyp:
R + Position Anschluss Rohre = rund.
O + Position Anschluss Rohre = oval.
V + Position Anschluss Rohre = viereckig oder rechteckig.

Position der Rohre
ZB.: **LZ** = Rohr im Körper (**L**) und Rohr in der Seite (**Z**).
BEMERKUNG: beim Bestimmen der Platz des Rohrs, immer anfangen beim Körper und erst dann die Seite prüfen.
ZB.: TY = RLZ: runder Körper mit Anschluss von dem Rohr auf dem Köper und ein Rohr ander Seite.

...,. L1..... Länge des Körpers des Schalldämpfers, siehe Bild (mm).

...,. L2..... Minimum Abstand zwischen den 2 Rohren (mm).
BEMERKUNG: wenn es 3 Rohre gibt, minimum Abstand nehmen zwischen den Rohren mit dem größten Durchmesser.

...,. D1 ..... Durchmesser, siehe Bilder (mm).

...,. L3..... Größte Aussenabmessung.

...,. L4..... Kleinste Aussenabmessung.

...,. D2 ..... Kleinster Durchmesser Rohr.

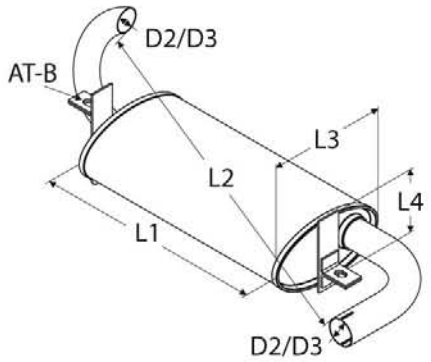
...,. D3 ..... Größter Durchmesser Rohr.

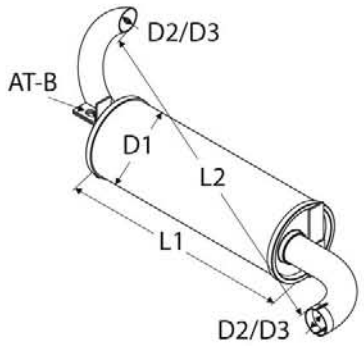
. AT-B ..... Zahl der Befestigungspunkte.

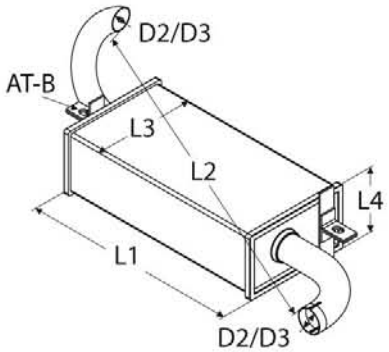
Achtung

- Die Durchmesser werden an der Außenseite am Ende des Rohrs gemessen.
- Wenn es 3 Rohre gibt, werden die 2 größte Durchmesser gemessen (mm).

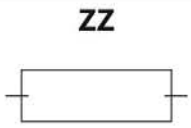
ABMESSUNGEN

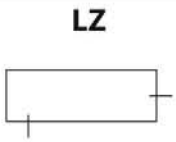






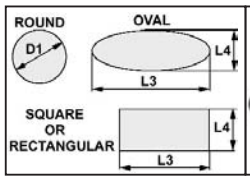
POSITION DER ROHRE

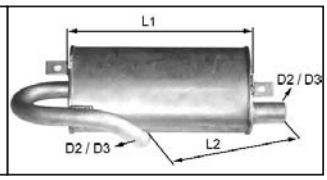




DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: ALLIS CHALMERS-KALMAR AC



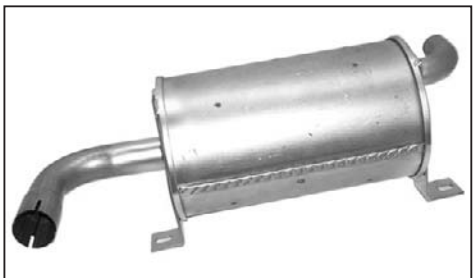


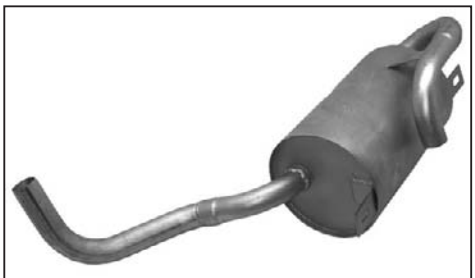
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	282	15	244 X 137	38	48	118TA1356
Round	290	640	167	38	47	108TA8865
Round	290	700	175	38	47	108TA8863
Round	292	550	169	35	46	108TA8862
Round	295	580	182	38	38	134TA8095
Round	300	320	168	38	38	139TA4572
Round	300	490	170	35	46	123TA6001
Round	300	500	190	34	47	123TA6002
Round	300	565	175	35	45	139TA4573
Round	300	580	170	35	47	108TA5154
Round	300	650	190	35	47	123TA6003
Round	300	685	180	38	38	134TA7850

REF 118TA1356

REF 108TA8865

REF 108TA8863


REF 108TA8862

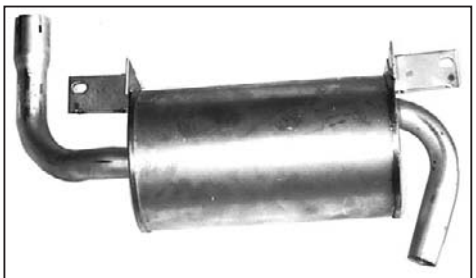

REF 134TA8095

REF 139TA4572

REF 123TA6001

REF 123TA6002

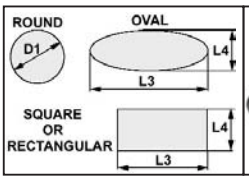
REF 139TA4573

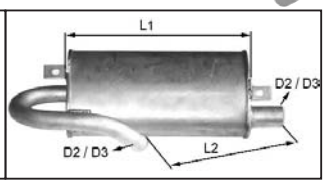

REF 108TA5154

REF 123TA6003

REF 134TA7850

used for: ALLIS CHALMERS-KALMAR AC





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	300	690	177	39	39	123TA6004
Round	320	110	140	37	56	134TA7568
Round	345	340	160	34	37	123TA5996
Round	400	640	175	48	51	123TA5997
Round	400	655	170	48	51	124TA5193
Round	400	720	180	48	51	123TA5998
Round	418	645	204	52	55	134TA7964
Round	420	590	190	51	55	134TA7902
Round	420	640	175	51	54	123TA5999
Round	420	670	190	51	55	123TA6000
Round	427	710	202	51	56	123TA6005
Round	440	290	100	34	38	108TA8860

REF 123TA6004

REF 134TA7568

REF 123TA5996

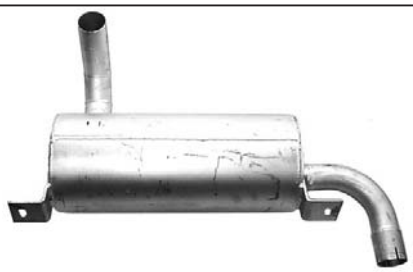
REF 123TA5997

REF 124TA5193

REF 123TA5998

REF 134TA7964

REF 134TA7902


REF 123TA5999

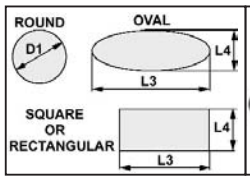
REF 123TA6000

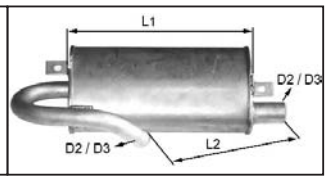
REF 123TA6005

REF 108TA8860

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: ALLIS CHALMERS-KALMAR AC



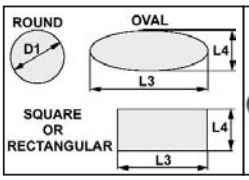


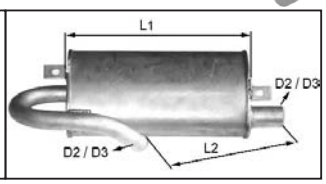
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	470	285	100	38	39	110TA8535
Round	470	460	110	38	38	139TA1467
Round	510	530	139	49	51	124TA5198

REF 110TA8535

REF 139TA1467

REF 124TA5198





used for: ARTISON

Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	330	250	230 X 125	42	45	134TA7841
Oval	332	280	227 X 127	45	46	139TA4574
Oval	335	310	225 X 125	42	46	134TA7858
Oval	340	775	270 X 180	42	44	139TA1468
Round	725	940	110	42	45	134TA7910

REF 134TA7841

REF 139TA4574

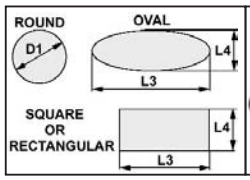
REF 134TA7858

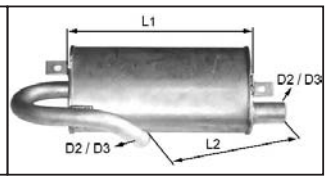
REF 139TA1468

REF 134TA7910

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: AUSA





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	320	410	150 X 75	40	45	134TA8029
Oval	320	480	170 X 80	40	41	134TA8026
Oval	320	780	150 X 80	40	50	134TA7998
Oval	322	550	150 X 78	40	45	134TA8057
Oval	325	515	149 X 80	35	46	139TA1469
Oval	395	925	200 X 127	50	60	139TA1470
Oval	600	1530	215 X 150	70	70	139TA1471
Oval	760	1015	118 X 150	54	69	139TA1472
Round	744	1290	114	40	50	139TA1473

REF 134TA8029

REF 134TA8026

REF 134TA7998

REF 134TA8057

REF 139TA1469

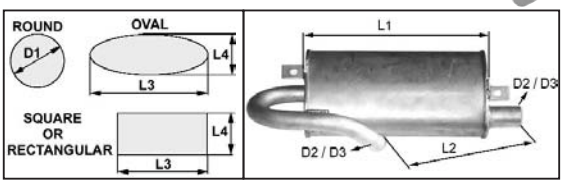
REF 139TA1470

REF 139TA1471

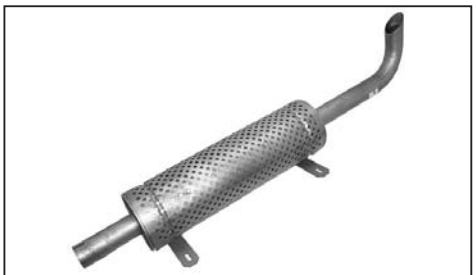
REF 139TA1472

REF 139TA1473

used for: BALKANCAR



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	495	1020	111	53	53	139TA1474
Round	500	990	142	49	55	123TA6006
Round	545	970	147	50	56	123TA6008



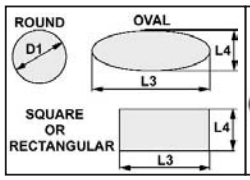
REF 139TA1474

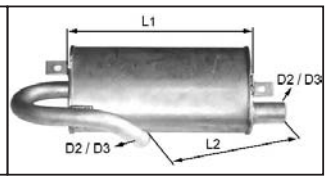
REF 123TA6006

REF 123TA6008

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: BAOLI





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	380	675	235 X 144	42	47	139TA1475
Oval	380	753	246 X 138	38	41	139TA1476
Oval	380	760	234 X 138	42	47	139TA1477
Oval	380	790	230 X 140	43	43	139TA1478
Round	304	760	190	39	41	139TA1479
Round	400	650	205	54	58	139TA1480
Round	400	695	200	54	56	139TA1481

REF 139TA1475

REF 139TA1476

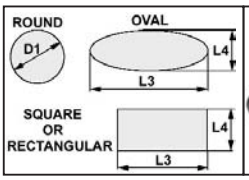
REF 139TA1477

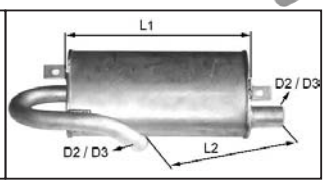
REF 139TA1478

REF 139TA1479

REF 139TA1480

REF 139TA1481





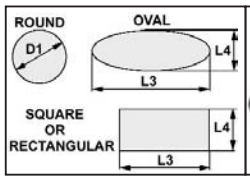
used for: BAUMANN

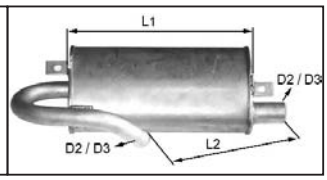
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	690	970	164 X 108	60	62	139TA1482

REF 139TA1482

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: BOBCAT





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	415	440	200 X 127	60	62	139TA1483
Oval	740	700	215 X 105	63	63	134TA8014
Round	312	128	127	35	40	134TA7918
Round	330	255	126	35	37	139TA4575
Round	330	290	144	35	38	134TA8136
Round	330	345	144	35	36	134TA7690
Round	380	250	130	35	35	134TA7764
Round	395	240	144	35	38	134TA7924
Round	443	435	145	44	47	139TA1484
Round	445	290	125	40	44	134TA7768
Round	745	575	128	44	48	139TA4576
Round	746	620	138	48	48	134TA7740

REF 139TA1483

REF 134TA8014

REF 134TA7918

REF 139TA4575

REF 134TA8136

REF 134TA7690

REF 134TA7764

REF 134TA7924

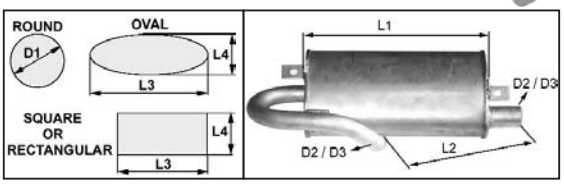
REF 139TA1484

REF 134TA7768

REF 139TA4576

REF 134TA7740

used for: BOBCAT



MUFFLERS

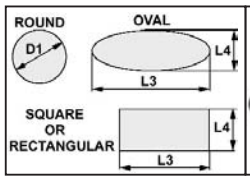
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	750	490	107	45	49	134TA7854
Round	760	500	110	45	48	134TA7922

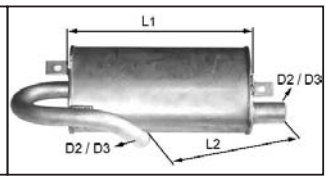
REF 134TA7854

REF 134TA7922

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: BT



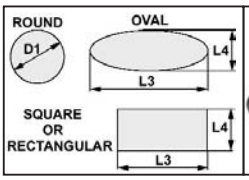


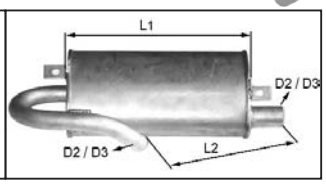
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	360	300	140	43	43	105TA6755
Round	960	1150	110	60	130	139TA1485

REF 105TA6755

REF 139TA1485

used for: CLARK-SAMSUNG





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	250	150	230 X 160	48	53	104TA5790
Oval	255	147	227 X 152	48	50	105TA6850
Oval	310	440	230 X 160	48	52	104TA5799
Oval	310	450	230 X 165	48	52	104TA5888
Oval	330	250	230 X 125	42	45	134TA7839
Oval	335	310	225 X 125	42	46	134TA7856
Oval	340	775	270 X 180	42	44	134TA7993
Oval	360	325	275 X 140	51	51	124TA7571
Oval	380	218	200 X 105	32	45	134TA7650
Oval	415	440	200 X 127	60	62	139TA1486
Oval	450	440	190 X 130	48	53	104TA5849
Oval	452	460	224 X 142	51	51	118TA1302

REF 104TA5790

REF 105TA6850

REF 104TA5799

REF 104TA5888

REF 134TA7839

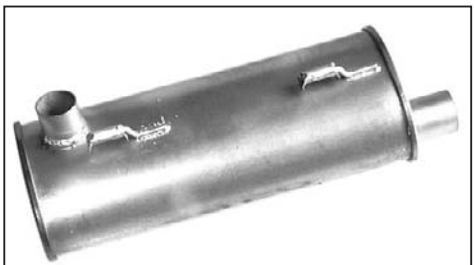
REF 134TA7856

REF 134TA7993

REF 124TA7571

REF 134TA7650

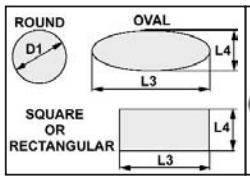
REF 139TA1486

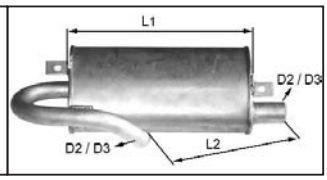

REF 104TA5849

REF 118TA1302

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: CLARK-SAMSUNG





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	475	220	205 X 120	45	54	134TA7880
Oval	505	475	237 X 174	65	65	118TA1285
Oval	505	500	237 X 174	65	65	118TA1279
Oval	510	80	210 X 120	50	55	139TA4577
Oval	530	600	205 X 130	51	51	118TA1289
Oval	558	95	255 X 111	54	54	118TA1307
Oval	625	1035	125 X 78	47	53	134TA7786
Oval	630	830	135 X 93	43	50	124TA7573
Oval	680	465	255 X 155	75	81	118TA1306
Oval	740	700	215 X 105	63	63	134TA8013
Round	165	210	116	63	67	134TA8112
Round	280	345	100	41	42	105TA6710

REF 134TA7880

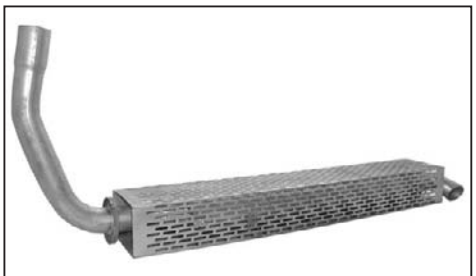
REF 118TA1285

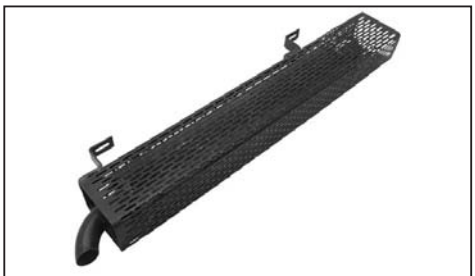
REF 118TA1279

REF 139TA4577

REF 118TA1289

REF 118TA1307

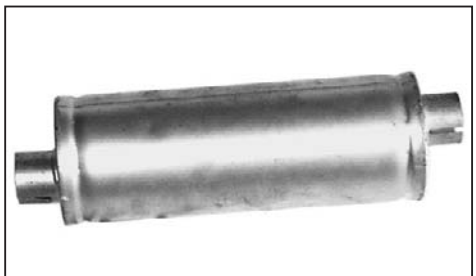

REF 134TA7786


REF 124TA7573

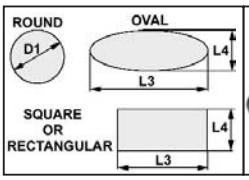
REF 118TA1306

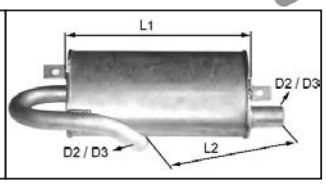
REF 134TA8013

REF 134TA8112

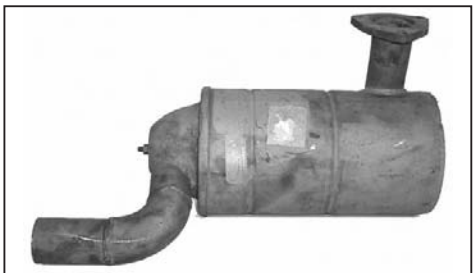

REF 105TA6710

used for: CLARK-SAMSUNG

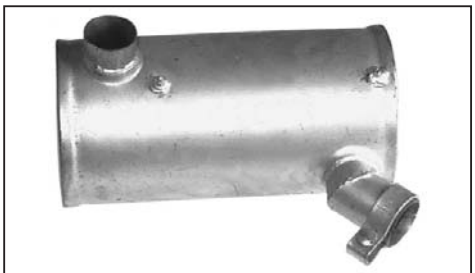


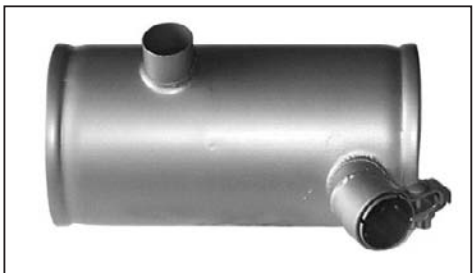


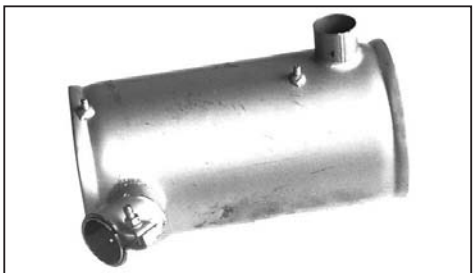
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	292	460	163	50	50	110TA8568
Round	295	755	135	39	47	139TA1487
Round	300	280	155	48	49	104TA5806
Round	305	200	150	41	48	104TA5965
Round	305	270	155	41	48	105TA6725
Round	310	270	100	40	40	134TA7588
Round	312	128	127	35	40	134TA7917
Round	312	280	110	43	43	139TA1488
Round	330	240	115	51	57	134TA8104
Round	330	345	144	35	36	105TA6654
Round	330	360	160	51	55	104TA5857
Round	345	410	155	38	50	134TA7929

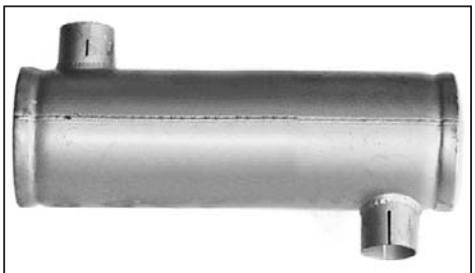

REF 110TA8568

REF 139TA1487


REF 104TA5806


REF 104TA5965


REF 105TA6725

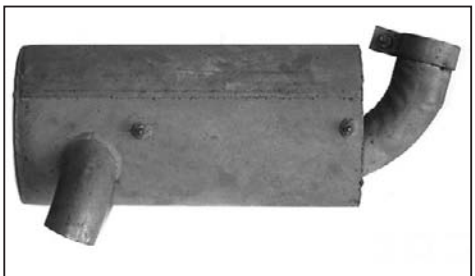

REF 134TA7588

REF 134TA7917

REF 139TA1488

REF 134TA8104

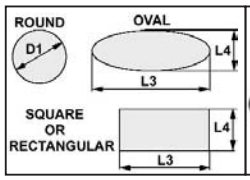
REF 105TA6654

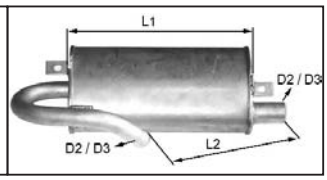

REF 104TA5857

REF 134TA7929

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: CLARK-SAMSUNG





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	350	285	127	49	49	134TA7811
Round	360	300	140	43	43	104TA5750
Round	365	290	200	55	55	139TA1489
Round	370	260	125	41	41	134TA8117
Round	380	250	130	35	35	123TA6017
Round	380	310	165	52	55	104TA5749
Round	380	370	155	54	54	104TA5764
Round	380	525	121	60	63	124TA7183
Round	390	265	120	38	39	134TA7643
Round	390	510	150	79	79	134TA8130
Round	390	540	170	80	81	104TA5827
Round	395	305	154	60	67	106TA5007

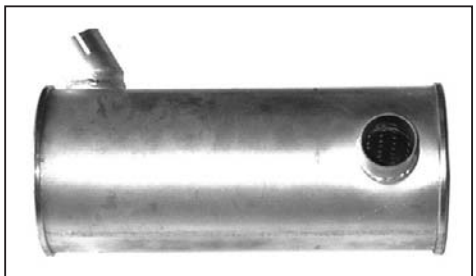
REF 134TA7811

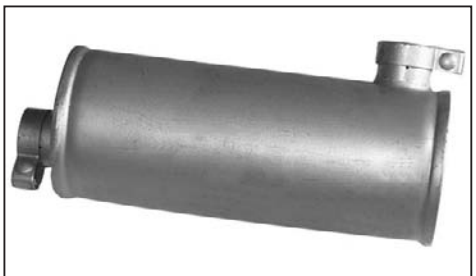
REF 104TA5750

REF 139TA1489

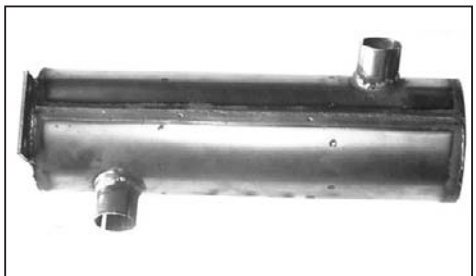
REF 134TA8117

REF 123TA6017


REF 104TA5749


REF 104TA5764

REF 124TA7183

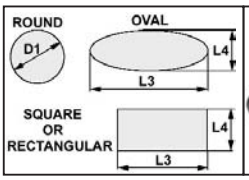

REF 134TA7643

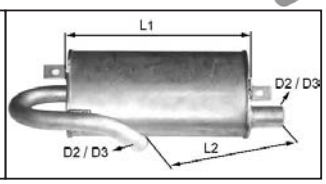
REF 134TA8130

REF 104TA5827

REF 106TA5007

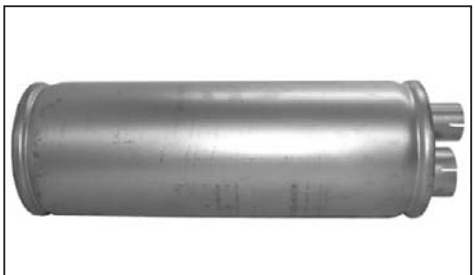
used for: CLARK-SAMSUNG



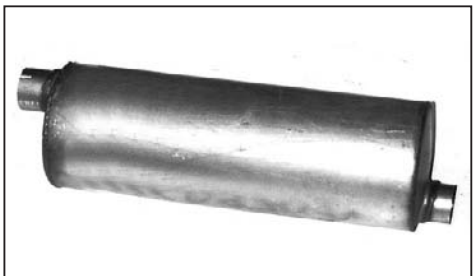


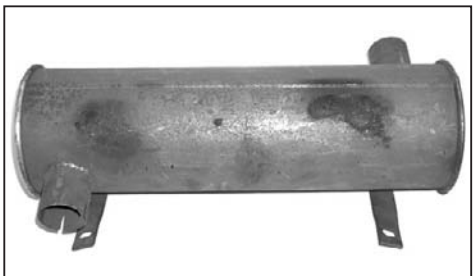
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	397	335	150	49	55	108TA4368
Round	407	23	143	41	49	134TA7713
Round	410	350	125	42	42	134TA8040
Round	410	500	145	44	49	134TA7630
Round	415	380	126	43	44	118TA1265
Round	415	522	156	64	68	134TA8116
Round	420	270	130	40	41	104TA5778
Round	420	293	149	48	50	118TA1272
Round	420	330	127	42	42	118TA1287
Round	421	320	120	40	40	134TA7676
Round	430	0	125	55	0	118TA1273
Round	435	140	129	0	55	139TA4578

REF 108TA4368


REF 134TA7713

REF 134TA8040


REF 134TA7630

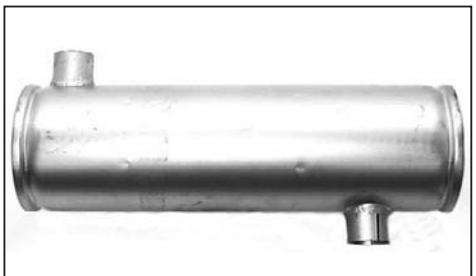

REF 118TA1265

REF 134TA8116

REF 104TA5778

REF 118TA1272

REF 118TA1287

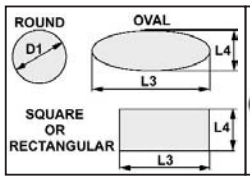

REF 134TA7676

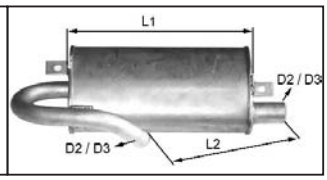
REF 118TA1273

REF 139TA4578

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: CLARK-SAMSUNG





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	445	290	125	40	44	123TA6018
Round	470	480	200	48	50	123TA6021
Round	470	705	197	48	50	118TA1241
Round	475	460	155	51	62	124TA7570
Round	485	213	101	47	54	118TA1334
Round	492	245	161	41	48	118TA1362
Round	495	470	100	45	45	118TA1296
Round	500	215	127	42	42	118TA1304
Round	500	250	169	41	41	118TA1340
Round	500	260	167	42	43	123TA6025
Round	500	260	170	42	42	124TA1981
Round	500	360	168	43	48	118TA1350

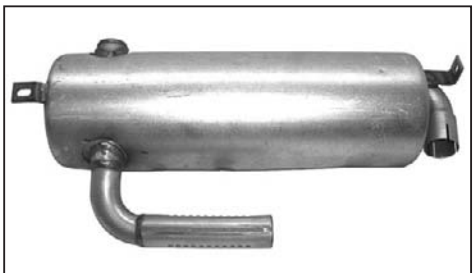
REF 123TA6018

REF 123TA6021

REF 118TA1241

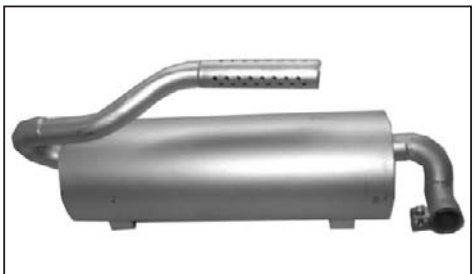
REF 124TA7570

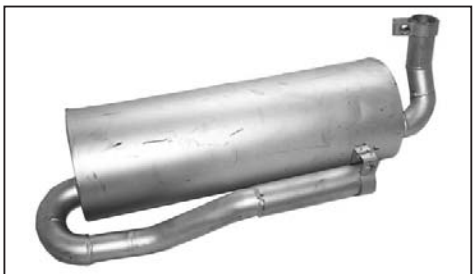
REF 118TA1334


REF 118TA1362

REF 118TA1296

REF 118TA1304

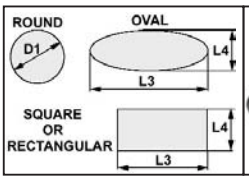

REF 118TA1340

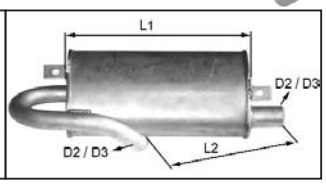

REF 123TA6025

REF 124TA1981

REF 118TA1350

used for: CLARK-SAMSUNG

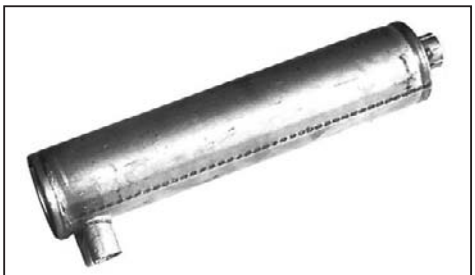




Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	500	360	170	44	55	134TA7846
Round	500	450	150	51	63	104TA5830
Round	500	480	110	45	45	104TA5761
Round	505	235	170	42	42	134TA7914
Round	505	270	165	42	42	134TA7943
Round	505	370	165	44	55	123TA6020
Round	509	17	168	68	68	118TA1315
Round	510	350	130	51	55	104TA5787
Round	510	470	157	42	43	118TA1373
Round	510	620	130	54	54	105TA6733
Round	520	540	120	50	54	104TA5785
Round	525	585	154	50	50	108TA4331

REF 134TA7846

REF 104TA5830


REF 104TA5761

REF 134TA7914

REF 134TA7943

REF 123TA6020

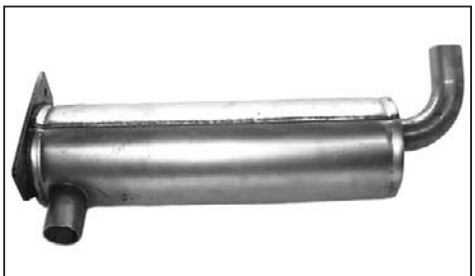
REF 118TA1315

REF 104TA5787

REF 118TA1373

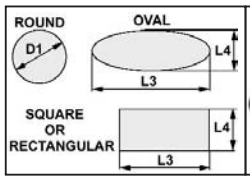
REF 105TA6733

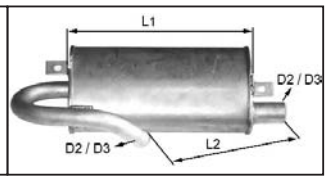
REF 104TA5785


REF 108TA4331

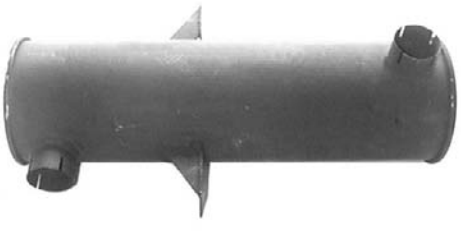
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: CLARK-SAMSUNG





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	530	400	155	55	56	118TA1242
Round	535	380	220	57	57	124TA2823
Round	545	570	240	69	69	139TA1490
Round	550	425	146	54	54	110TA8545
Round	550	430	130	42	54	104TA5748
Round	550	700	95	47	54	110TA8578
Round	565	570	130	47	52	123TA6022
Round	590	830	180	80	80	105TA6726
Round	600	455	140	54	55	118TA1348
Round	600	620	220	69	69	123TA6023
Round	600	650	220	70	70	134TA7901
Round	600	790	175	52	65	105TA6808


REF 118TA1242

REF 124TA2823

REF 139TA1490

REF 110TA8545

REF 104TA5748

REF 110TA8578

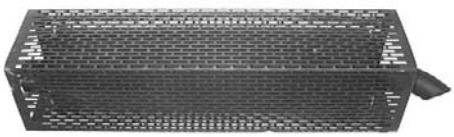
REF 123TA6022

REF 105TA6726

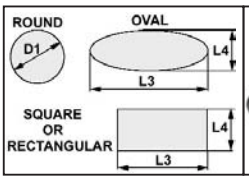
REF 118TA1348

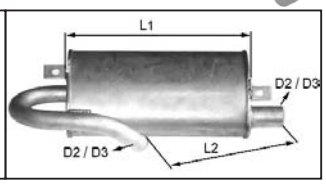
REF 123TA6023

REF 134TA7901


REF 105TA6808

used for: CLARK-SAMSUNG





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	600	1230	150	45	51	134TA8036
Round	600	1570	180	52	63	104TA5987
Round	605	1375	158	60	60	111TA3681
Round	605	1500	160	50	64	134TA7617
Round	610	600	197	69	69	123TA6024
Round	670	350	103	48	42	124TA7564
Round	710	812	214	80	80	110TA8565
Round	710	890	170	67	67	104TA5940
Round	715	940	155	54	75	134TA7797
Round	725	940	110	42	45	134TA7908
Round	735	660	205	62	62	139TA4579
Round	745	575	128	44	48	139TA4580

REF 134TA8036

REF 104TA5987

REF 111TA3681

REF 134TA7617

REF 123TA6024

REF 124TA7564

REF 110TA8565

REF 104TA5940

REF 134TA7797

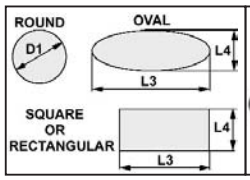
REF 134TA7908

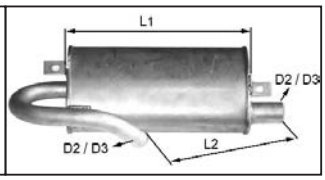
REF 139TA4579

REF 139TA4580

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: CLARK-SAMSUNG





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	745	900	160	67	70	104TA5870
Round	746	620	138	48	48	118TA1286
Round	750	490	107	45	49	134TA7853
Round	750	1210	45	48	53	105TA6728
Round	760	500	110	45	48	134TA7920
Round	760	1030	60	58	58	104TA5971
Round	765	920	215	77	80	139TA4581
Round	770	906	195	64	64	123TA6026
Round	912	740	203	81	92	105TA6828
Round	1068	1224	193	75	93	104TA5986

REF 104TA5870

REF 118TA1286

REF 134TA7853

REF 105TA6728

REF 134TA7920

REF 104TA5971

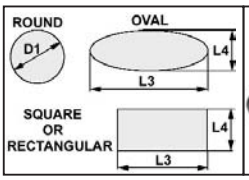
REF 139TA4581

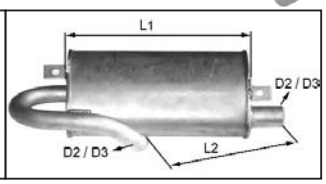
REF 123TA6026

REF 105TA6828

REF 104TA5986

used for: COVENTRY CLIMAX





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	337	482	131 X 79	38	42	108TA4294
Oval	373	445	240 X 130	44	46	108TA8872
Oval	380	360	170 X 105	42	48	118TA1261
Oval	382	427	162 X 91	38	41	118TA1257
Oval	382	530	157 X 94	49	49	124TA7185
Oval	395	100	210 X 120	38	47	134TA7647
Oval	460	1325	203 X 104	51	64	124TA7186
Round	300	605	165	38	42	105TA6750
Round	335	410	113	38	42	134TA7864
Round	370	470	120	54	54	134TA8118
Round	400	675	113	51	51	134TA8119
Round	405	470	155	51	64	134TA8121

REF 108TA4294

REF 108TA8872

REF 118TA1261

REF 118TA1257

REF 124TA7185

REF 134TA7647

REF 124TA7186

REF 105TA6750

REF 134TA7864

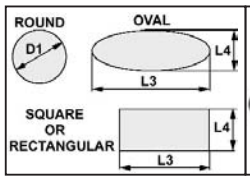
REF 134TA8118

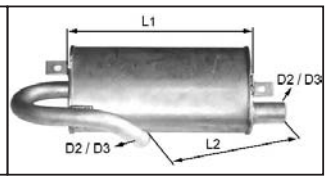
REF 134TA8119

REF 134TA8121

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: COVENTRY CLIMAX



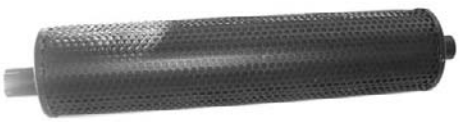


Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	455	550	120	51	54	118TA1282
Round	460	640	95	47	48	118TA1310
Round	700	810	100	48	48	104TA5753
Round	700	815	152	48	48	118TA1303
Round	760	960	180	42	51	134TA8033
Round	835	818	110	48	61	118TA1278

REF 118TA1282

REF 118TA1310

REF 104TA5753

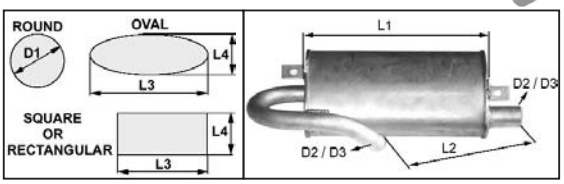


REF 118TA1303

REF 134TA8033

REF 118TA1278

used for: DALIAN

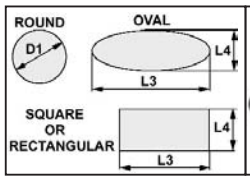


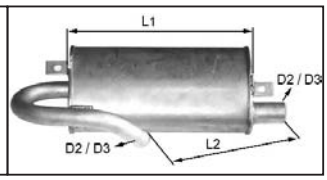
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	401	280	170	34	44	139TA4582

REF 139TA4582

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: DESTA

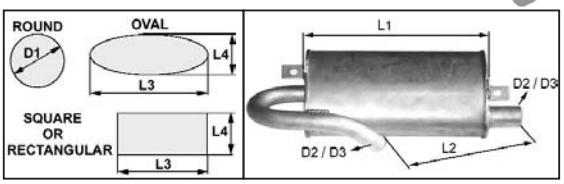




Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	850	720	170 X 90	46	46	104TA5982
Rectangular	200	60	140 X 140	40	40	104TA5933

REF 104TA5982

REF 104TA5933



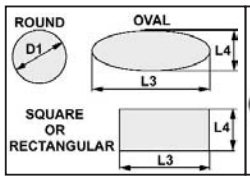
used for: DIECI

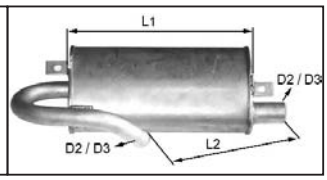
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	550	690	200	61	69	139TA1491

REF 139TA1491

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: FANTUZZI





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	870	770	115	50	51	104TA5946
Round	990	890	150	54	61	104TA5947
Round	1040	1560	340	104	108	134TA8070
Round	1050	1765	300	80	89	134TA7887
Round	1300	1360	385	105	120	139TA1492

REF 104TA5946

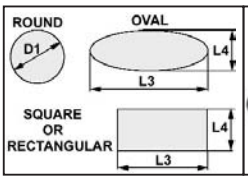
REF 104TA5947

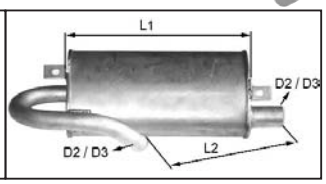
REF 134TA8070

REF 134TA7887

REF 139TA1492

used for: FENWICK & PEG





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	297	475	165 X 113	60	100	134TA7748
Oval	320	485	212 X 118	48	49	108TA4365
Oval	408	350	145 X 87	42	51	106TA6242
Oval	505	0	140 X 90	55	0	104TA5820
Oval	530	790	210 X 125	61	71	134TA8140
Oval	560	505	195 X 105	50	55	134TA8022
Oval	635	0	207 X 120	48	0	139TA4583
Round	275	471	140	60	64	139TA1493
Round	320	210	135	35	42	134TA8113
Round	340	330	85	45	46	104TA5900
Round	440	375	86	45	46	110TA8559
Round	440	490	85	42	43	104TA5807

REF 134TA7748

REF 108TA4365

REF 106TA6242

REF 104TA5820

REF 134TA8140

REF 134TA8022

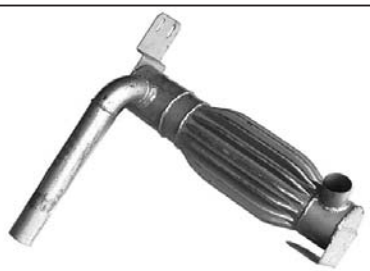
REF 139TA4583

REF 139TA1493

REF 134TA8113

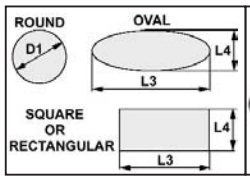
REF 104TA5900

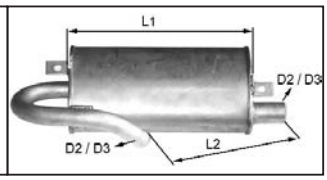
REF 110TA8559


REF 104TA5807

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: FENWICK & PEG





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	450	310	140	53	53	104TA5865
Round	500	365	100	44	46	104TA5832
Round	580	430	130	48	48	104TA5924
Round	590	408	122	48	48	110TA8557
Round	590	470	80	45	50	104TA5791
Round	600	500	126	48	48	108TA4358
Round	700	1000	109	42	49	123TA6027

REF 104TA5865

REF 104TA5832

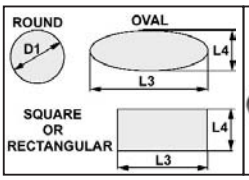
REF 104TA5924

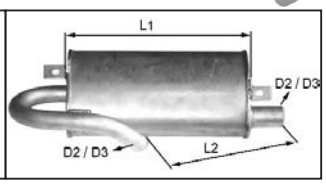
REF 110TA8557

REF 104TA5791

REF 108TA4358

REF 123TA6027





used for: GENIE

Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	395	925	200 X 127	50	60	134TA8079
Oval	404	1000	199 X 124	50	60	134TA7738
Oval	600	1530	215 X 150	70	70	134TA7867
Oval	700	890	243 X 140	76	76	139TA1494
Round	228	380	93	38	45	134TA7783
Round	245	355	90	35	48	139TA1495
Round	700	1060	170	60	84	139TA1496
Round	710	750	172	60	70	134TA8074

REF 134TA8079

REF 134TA7738

REF 134TA7867

REF 139TA1494

REF 134TA7783

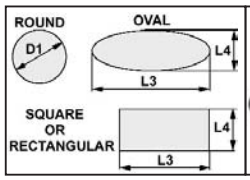
REF 139TA1495

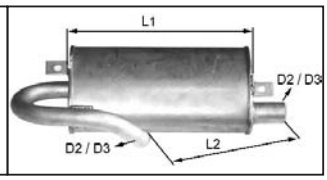
REF 139TA1496

REF 134TA8074

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: HANGZHOU / HC / HANGCHA





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	380	330	240 X 135	38	45	139TA4584
Oval	380	630	240 X 135	42	45	139TA4585
Oval	420	1010	240 X 130	51	52	134TA8060
Round	320	350	151	41	42	134TA7781
Round	460	420	150	40	45	134TA8059
Round	460	430	158	42	42	134TA7890
Round	495	450	208	54	64	139TA1497
Round	495	870	205	63	68	139TA1498

REF 139TA4584

REF 139TA4585

REF 134TA8060

REF 134TA7781

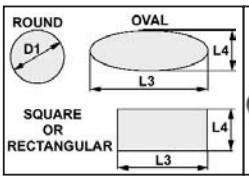
REF 134TA8059

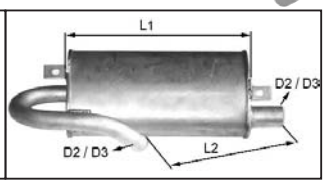
REF 134TA7890

REF 139TA1497

REF 139TA1498

used for: HARLAN





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	480	590	190	68	68	139TA1499
Round	510	350	130	51	55	139TA1500
Round	510	350	140	65	70	139TA1501

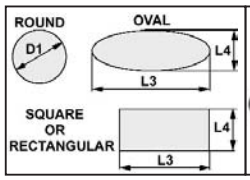
REF 139TA1499

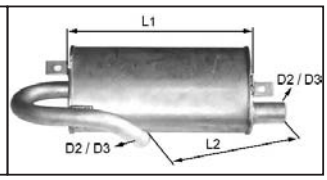
REF 139TA1500

REF 139TA1501

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: HAULOTTE





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	350	180	175 X 150	53	0	139TA4586
Round	445	362	114	38	38	134TA7794
Round	455	170	177	27	53	139TA4587
Round	610	620	170	44	48	134TA7802
Round	620	720	170	45	53	134TA7801

REF 139TA4586

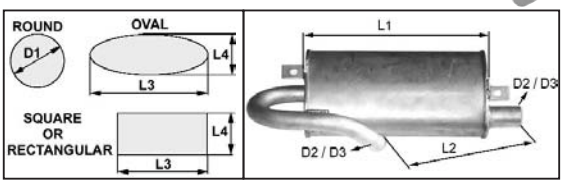
REF 134TA7794

REF 139TA4587

REF 134TA7802

REF 134TA7801

used for: HELI



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	380	745	233 X 137	46	50	139TA4588
Oval	380	753	246 X 138	38	41	134TA7655
Oval	380	760	234 X 138	42	47	134TA8075
Oval	380	790	230 X 140	43	43	134TA8016
Oval	395	460	210 X 110	40	50	134TA8042
Oval	400	335	210 X 117	42	46	134TA8108
Oval	400	625	230 X 135	42	50	139TA4589
Round	300	540	160	38	42	134TA7968
Round	300	550	165	38	42	134TA8062
Round	300	800	190	42	46	139TA1502
Round	304	760	190	39	41	134TA7704
Round	400	695	200	54	56	134TA7930

REF 139TA4588

REF 134TA7655

REF 134TA8075

REF 134TA8016

REF 134TA8042

REF 134TA8108

REF 139TA4589

REF 134TA7968

REF 134TA8062

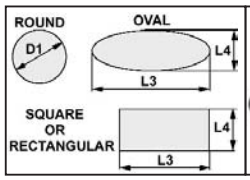
REF 139TA1502

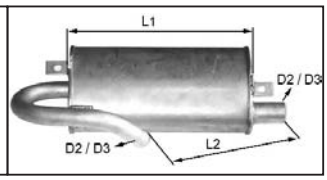
REF 134TA7704

REF 134TA7930

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: HELI





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	460	430	158	42	42	134TA7891
Round	500	510	144	54	61	134TA7916
Round	500	640	200	54	59	134TA8011
Round	700	1175	132	41	46	134TA8106

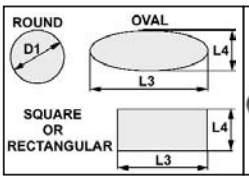
REF 134TA7891

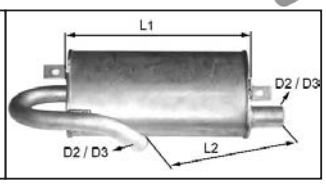
REF 134TA7916

REF 134TA8011

REF 134TA8106

used for: HYSTER





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	320	490	350 X 160	50	67	104TA5955
Oval	455	85	210 X 140	51	52	134TA8000
Oval	455	435	185 X 135	48	52	124TA7566
Oval	485	455	205 X 128	49	51	105TA6832
Oval	490	580	210 X 120	55	56	104TA5770
Oval	510	80	210 X 120	50	55	139TA4593
Oval	667	827	380 X 250	106	106	118TA1354
Oval	840	985	258 X 160	76	80	139TA1505
Oval	1100	220	280 X 130	68	70	104TA5831
Round	258	145	206	41	41	134TA8049
Round	285	515	190	43	43	139TA4594
Round	300	177	145	42	42	134TA7897

REF 104TA5955

REF 134TA8000

REF 124TA7566

REF 105TA6832

REF 104TA5770

REF 139TA4593

REF 118TA1354

REF 139TA1505

REF 104TA5831

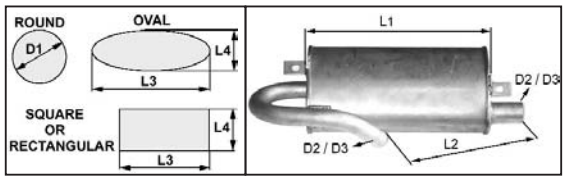
REF 134TA8049

REF 139TA4594

REF 134TA7897

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: HYSTER



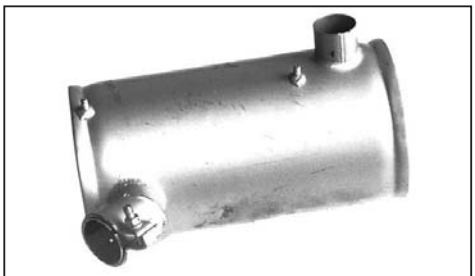
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	300	260	145	42	42	134TA7804
Round	300	385	125	76	76	134TA8052
Round	300	400	165	35	38	104TA5745
Round	300	425	145	42	42	134TA7899
Round	305	270	155	41	48	134TA7593
Round	305	380	130	75	76	104TA5789
Round	310	270	100	40	40	108TA4315
Round	320	110	140	37	56	104TA5773
Round	328	335	164	38	47	139TA4596
Round	360	0	155	42	0	139TA1507
Round	370	0	115	39	0	104TA5902
Round	370	140	179	48	48	108TA8869

REF 134TA7804

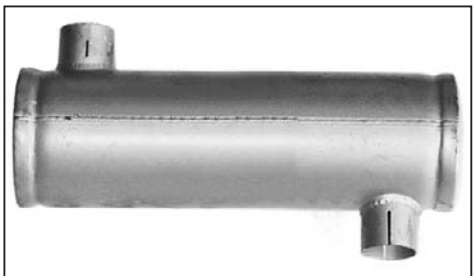
REF 134TA8052

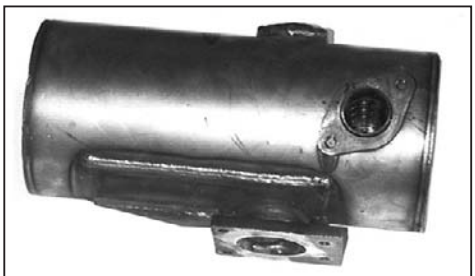
REF 104TA5745

REF 134TA7899


REF 134TA7593

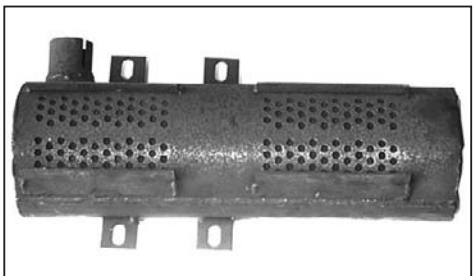
REF 104TA5789

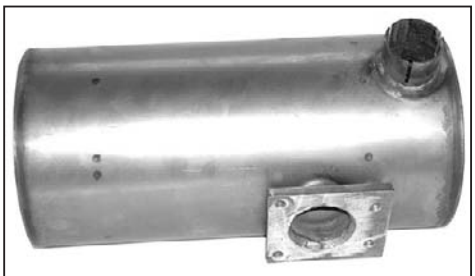

REF 108TA4315


REF 104TA5773

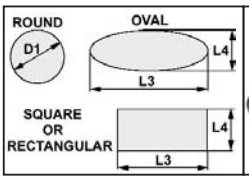
REF 139TA4596

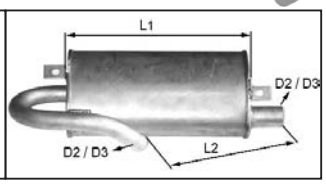
REF 139TA1507


REF 104TA5902


REF 108TA8869

used for: HYSTER





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	370	230	120	35	38	105TA6756
Round	375	125	230	42	42	134TA7844
Round	375	260	205	42	42	139TA4601
Round	380	120	185	42	42	105TA6680
Round	380	195	190	42	42	104TA5881
Round	380	255	127	51	51	104TA5754
Round	380	260	130	52	52	104TA5953
Round	380	270	150	36	36	134TA7607
Round	380	270	170	35	36	104TA5738
Round	380	275	160	36	36	104TA5903
Round	380	320	130	36	36	104TA5911
Round	380	320	140	36	36	104TA5936

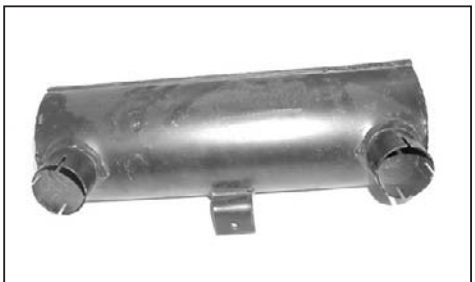
REF 105TA6756

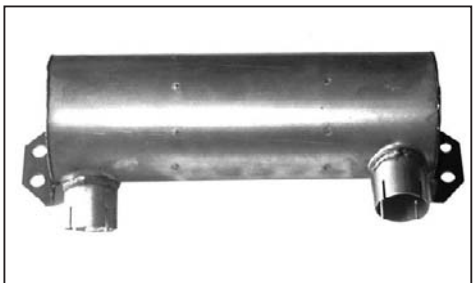
REF 134TA7844

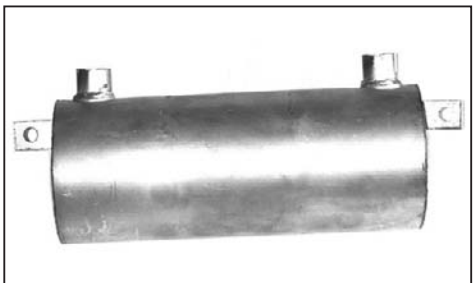
REF 139TA4601

REF 105TA6680

REF 104TA5881

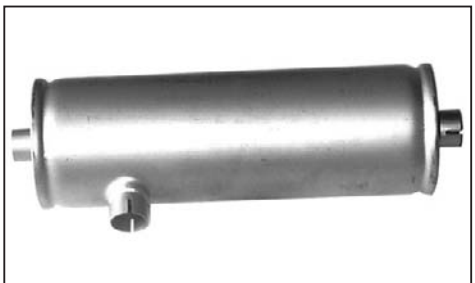

REF 104TA5754


REF 104TA5953


REF 134TA7607

REF 104TA5738

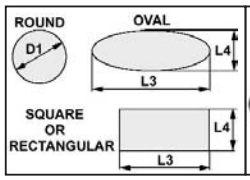
REF 104TA5903

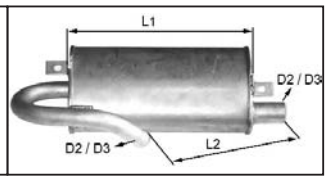

REF 104TA5911

REF 104TA5936

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: HYSTER





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	380	330	140	35	35	104TA5930
Round	380	340	130	52	52	104TA5976
Round	382	267	152	42	42	110TA9633
Round	382	329	126	41	41	108TA4333
Round	383	120	199	42	42	106TA6311
Round	383	370	127	50	51	118TA1346
Round	383	430	126	41	42	110TA8563
Round	385	0	155	41	0	124TA7181
Round	385	270	164	35	35	105TA6789
Round	385	335	127	35	36	108TA4346
Round	390	265	120	38	39	104TA5966
Round	400	40	216	55	0	139TA1508

REF 104TA5930

REF 104TA5976

REF 110TA9633

REF 108TA4333

REF 106TA6311

REF 118TA1346

REF 110TA8563

REF 124TA7181

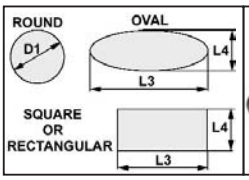
REF 105TA6789

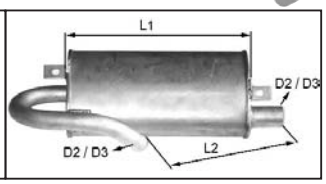
REF 108TA4346

REF 104TA5966

REF 139TA1508

used for: HYSTER





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	400	325	200	54	54	134TA8090
Round	400	340	215	55	55	134TA7778
Round	400	400	180	44	55	104TA5885
Round	400	490	180	44	54	104TA5796
Round	400	490	180	55	55	134TA7944
Round	400	600	208	44	54	123TA6029
Round	403	328	179	44	47	108TA4288
Round	410	25	140	48	55	105TA6688
Round	410	350	125	42	42	139TA4603
Round	410	390	255	54	54	139TA4602
Round	412	390	255	54	54	139TA4604
Round	447	827	180	50	55	124TA7565

REF 134TA8090

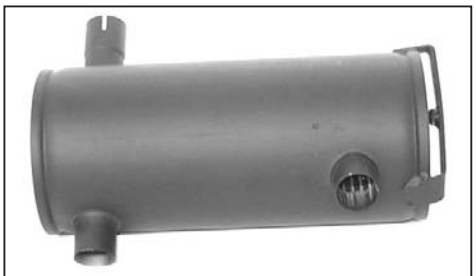
REF 134TA7778

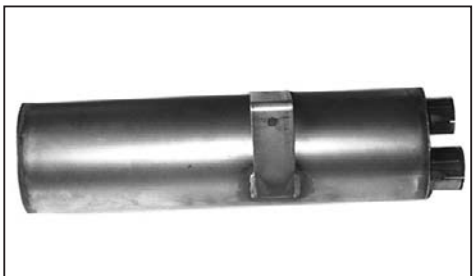
REF 104TA5885

REF 104TA5796

REF 134TA7944

REF 123TA6029


REF 108TA4288


REF 105TA6688

REF 139TA4603

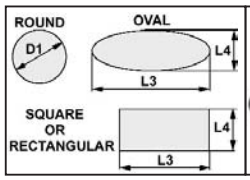
REF 139TA4602

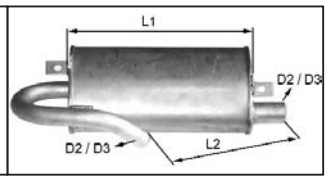
REF 139TA4604

REF 124TA7565

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: HYSTER





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	455	170	168	51	55	105TA6781
Round	510	25	155	48	55	104TA5931
Round	510	490	155	49	63	134TA8064
Round	515	415	123	54	55	110TA8544
Round	600	680	154	100	100	134TA8125
Round	660	1010	100	44	48	124TA7568
Round	690	1060	75	50	55	139TA4606
Round	755	845	130	44	51	104TA5989
Round	760	840	130	54	54	104TA5783
Round	765	910	167	75	92	110TA8542
Round	825	930	150	54	54	104TA5895
Round	880	1020	76	42	56	106TA7340

REF 105TA6781

REF 104TA5931

REF 134TA8064

REF 110TA8544

REF 134TA8125

REF 124TA7568

REF 139TA4606

REF 104TA5989

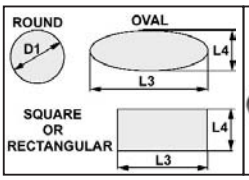
REF 104TA5783

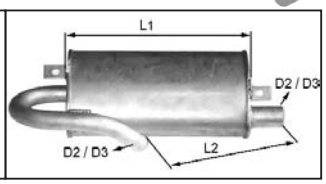
REF 110TA8542

REF 104TA5895

REF 106TA7340

used for: HYSTER





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	1068	1224	193	75	93	110TA8551
Round	1073	1110	90	43	49	106TA6308
Round	1120	870	195	67	68	104TA5981
Round	1130	1295	230	106	106	104TA5950
Round	1133	1300	228	105	105	110TA8564

REF 110TA8551

REF 106TA6308

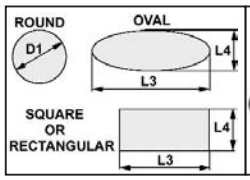
REF 104TA5981

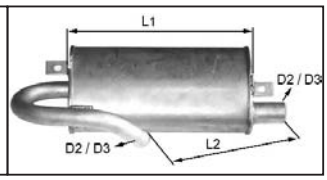
REF 104TA5950

REF 110TA8564

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: HYUNDAI





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	500	0	240 X 160	63	67	134TA7936
Oval	505	620	240 X 160	63	68	139TA1510
Oval	580	245	250 X 128	51	54	139TA1511
Round	295	670	180	38	45	106TA5004
Round	295	680	185	34	46	134TA7787
Round	295	755	135	39	47	123TA6032
Round	345	640	220	50	55	134TA7865
Round	348	735	230	51	55	123TA9895
Round	352	622	221	47	50	123TA6031
Round	365	510	170	51	47	139TA1512
Round	370	445	170	42	51	134TA8132
Round	400	720	180	48	51	105TA6693

REF 134TA7936

REF 139TA1510

REF 139TA1511

REF 106TA5004

REF 134TA7787

REF 123TA6032

REF 134TA7865

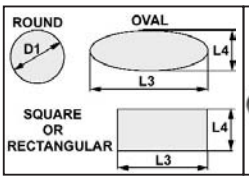
REF 123TA9895

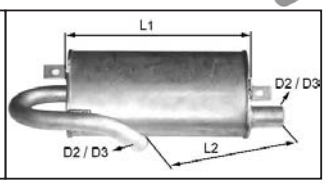
REF 123TA6031

REF 139TA1512

REF 134TA8132

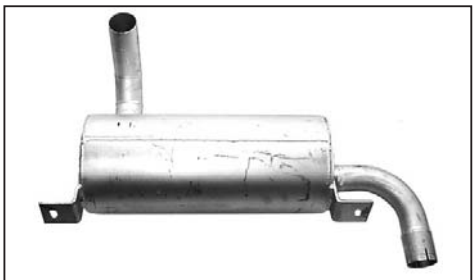
REF 105TA6693





used for: HYUNDAI

Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	420	640	175	51	54	105TA6778
Round	440	470	169	47	51	139TA1513
Round	445	470	169	43	52	134TA8085
Round	570	685	265	70	76	134TA7789
Round	595	540	255	64	68	134TA8021


REF 105TA6778

REF 139TA1513

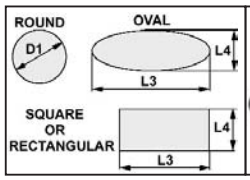
REF 134TA8085

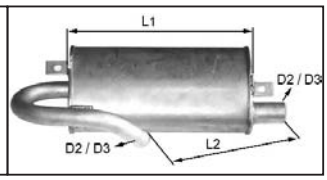
REF 134TA7789

REF 134TA8021

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

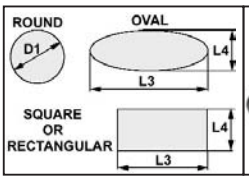
used for: IRISMAN

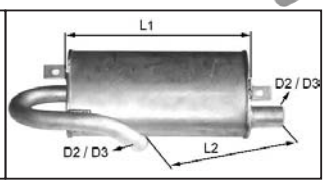




Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	825	1070	115	48	52	134TA8129

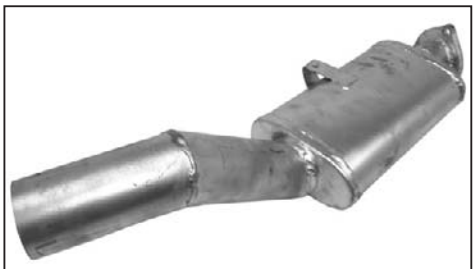
REF 134TA8129





used for: JCB

Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	268	600	160 X 80	64	64	139TA1514
Oval	270	460	172 X 97	64	68	134TA8127
Oval	290	580	280 X 140	64	76	134TA8058
Oval	295	600	285 X 155	60	77	139TA1515
Oval	295	685	290 X 150	60	76	139TA1516
Oval	305	325	140 X 225	44	48	139TA1517
Oval	305	497	218 X 140	45	45	139TA1518
Oval	325	310	225 X 145	49	51	134TA7990
Oval	341	400	205 X 103	49	51	139TA4607
Oval	345	1450	220 X 140	62	62	134TA8030
Oval	350	385	230 X 175	69	76	139TA1519
Oval	350	700	225 X 175	63	78	139TA1520


REF 139TA1514

REF 134TA8127

REF 134TA8058

REF 139TA1515

REF 139TA1516

REF 139TA1517

REF 139TA1518

REF 134TA7990

REF 139TA4607

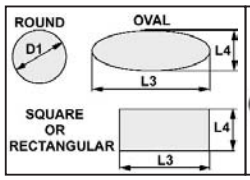
REF 134TA8030

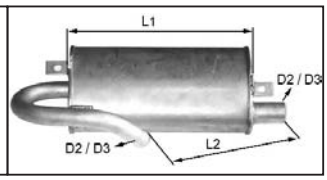
REF 139TA1519

REF 139TA1520

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: JCB





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	355	715	220 X 165	65	77	139TA1521
Oval	445	590	200 X 105	63	73	139TA1522
Oval	450	580	215 X 105	64	64	134TA7808
Oval	500	560	285 X 145	62	62	139TA1523
Round	253	520	180	51	63	134TA8103
Round	255	380	179	56	64	134TA8032
Round	255	455	175	51	64	134TA8133
Round	260	280	180	51	63	134TA8081
Round	270	1065	105	64	68	134TA8020
Round	335	1080	155	51	54	134TA7957
Round	335	1085	158	55	51	134TA7923
Round	405	1110	107	57	67	134TA7869

REF 139TA1521

REF 139TA1522

REF 134TA7808

REF 139TA1523

REF 134TA8103

REF 134TA8032

REF 134TA8133

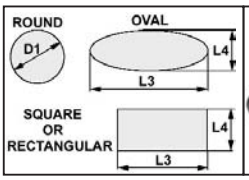
REF 134TA8081

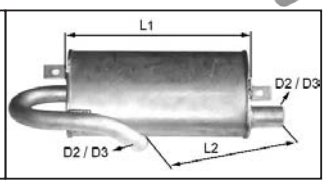
REF 134TA8020

REF 134TA7957

REF 134TA7923

REF 134TA7869





used for: JCB

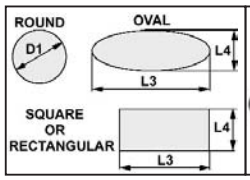
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	445	450	153	51	51	134TA7823
Round	550	650	176	64	76	134TA7868

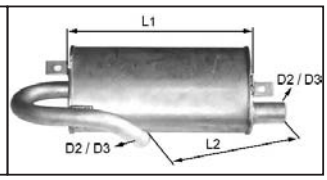
REF 134TA7823

REF 134TA7868

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: JLG





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	340	300	200 X 165	30	45	134TA7837
Oval	450	165	195 X 170	22	45	134TA7838
Oval	620	900	294 X 200	60	70	139TA1524
Round	245	355	90	35	48	139TA1525
Round	350	110	159	25	25	134TA7830
Round	350	175	180	48	52	134TA7871
Round	390	430	165	44	44	134TA8017
Round	450	575	84	32	53	139TA1526

REF 134TA7837

REF 134TA7838

REF 139TA1524

REF 139TA1525

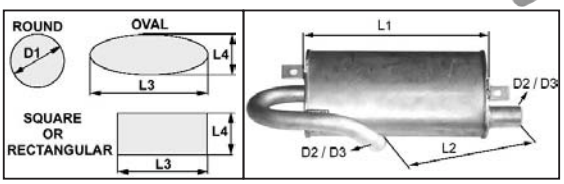
REF 134TA7830

REF 134TA7871

REF 134TA8017

REF 139TA1526

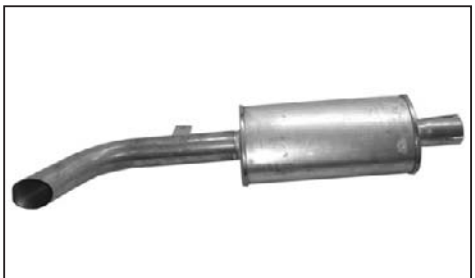
used for: JUNGHEINRICH-STEINBOCK



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	285	240	265 X 140	45	49	134TA8084
Oval	294	820	145 X 93	50	52	139TA4608
Oval	296	685	138 X 85	52	52	118TA1342
Oval	350	238	139 X 85	35	38	123TA6033
Oval	380	218	200 X 105	32	45	134TA7651
Oval	380	570	250 X 130	45	45	123TA6034
Oval	385	645	250 X 135	48	45	108TA4349
Oval	405	680	170 X 90	52	52	124TA5191
Oval	515	617	211 X 123	45	49	139TA1527
Oval	515	735	182 X 95	39	42	139TA1528
Oval	520	730	210 X 125	45	48	134TA8105
Oval	560	135	204 X 105	41	51	105TA6811

REF 134TA8084

REF 139TA4608


REF 118TA1342

REF 123TA6033

REF 134TA7651

REF 123TA6034

REF 108TA4349

REF 124TA5191

REF 139TA1527

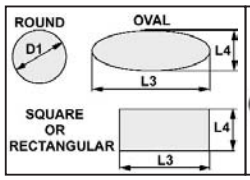
REF 139TA1528

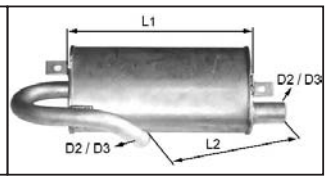
REF 134TA8105

REF 105TA6811

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: JUNGHEINRICH-STEINBOCK





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	560	350	200 X 100	41	48	118TA1224
Oval	577	490	177 X 102	42	55	105TA6843
Oval	624	618	204 X 104	57	64	108TA4298
Round	158	1020	101	38	45	106TA7341
Round	159	1040	101	39	45	106TA7336
Round	160	765	101	38	38	108TA4335
Round	160	780	100	35	38	105TA6683
Round	160	1010	100	39	45	106TA7314
Round	160	1030	100	39	46	106TA7313
Round	160	1050	102	38	45	123TA6037
Round	250	25	205	54	54	134TA8083
Round	290	480	160	50	50	105TA6759

REF 118TA1224

REF 105TA6843

REF 108TA4298

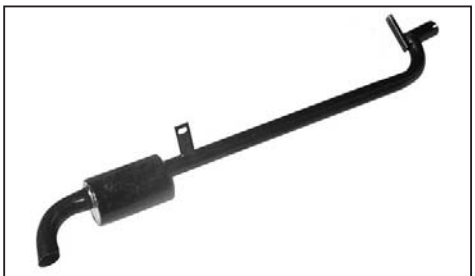
REF 106TA7341

REF 106TA7336

REF 108TA4335

REF 105TA6683

REF 106TA7314

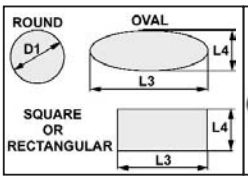

REF 106TA7313

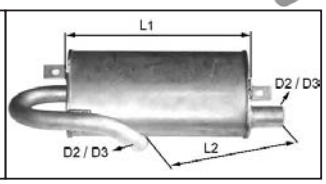
REF 123TA6037

REF 134TA8083

REF 105TA6759

used for: JUNGHEINRICH-STEINBOCK





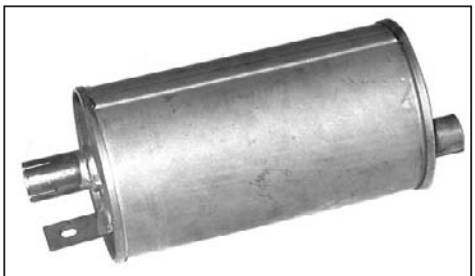
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	295	285	180	38	47	118TA1344
Round	300	255	178	45	48	134TA7958
Round	300	270	175	45	49	123TA9889
Round	300	400	165	35	38	106TA7309
Round	300	400	170	35	38	105TA6742
Round	300	405	160	35	39	134TA8009
Round	300	430	180	45	49	105TA6842
Round	320	340	155	38	45	118TA1187
Round	320	343	152	39	46	118TA1231
Round	320	345	152	39	46	106TA7337
Round	330	450	135	51	51	134TA7792
Round	330	490	133	48	50	118TA1228

REF 118TA1344

REF 134TA7958

REF 123TA9889

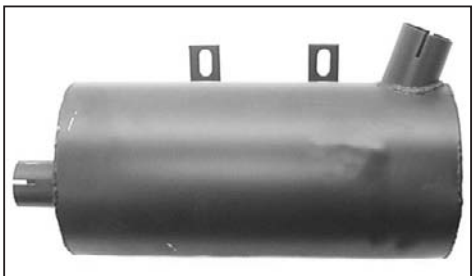
REF 106TA7309


REF 105TA6742

REF 134TA8009

REF 105TA6842

REF 118TA1187


REF 118TA1231

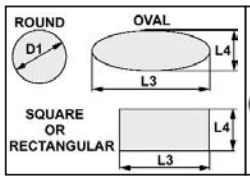
REF 106TA7337

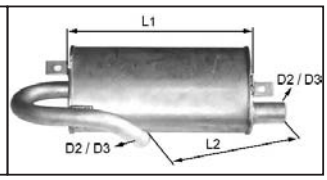
REF 134TA7792

REF 118TA1228

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

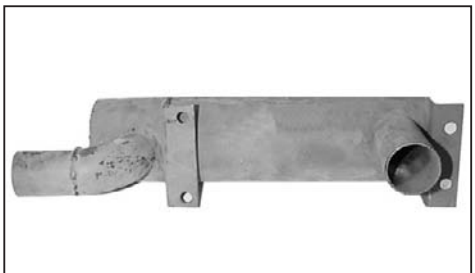
used for: JUNGHEINRICH-STEINBOCK





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	350	290	150	51	51	118TA1216
Round	355	342	91	44	50	108TA4338
Round	380	120	185	42	42	108TA4310
Round	380	195	190	42	42	105TA6704
Round	385	715	121	51	67	134TA7818
Round	400	540	160	45	45	105TA6754
Round	400	600	208	44	54	106TA4996
Round	430	570	150	35	38	105TA6751
Round	450	1070	70	45	49	134TA8109
Round	500	670	210	48	52	134TA7875
Round	510	730	84	45	51	111TA3672
Round	610	700	158	54	61	134TA8124

REF 118TA1216


REF 108TA4338

REF 108TA4310

REF 105TA6704

REF 134TA7818

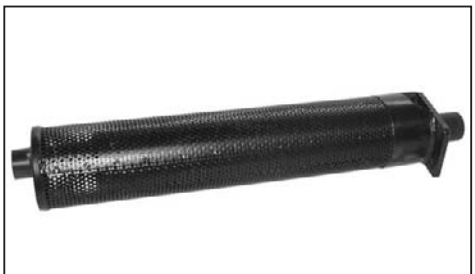
REF 105TA6754

REF 106TA4996

REF 105TA6751

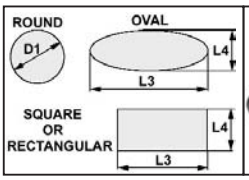
REF 134TA8109

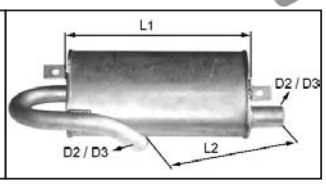
REF 134TA7875


REF 111TA3672

REF 134TA8124

used for: JUNGHEINRICH-STEINBOCK





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	612	825	144	51	54	118TA1294
Round	615	718	156	54	60	110TA9634
Round	615	745	101	63	66	105TA6797
Round	620	750	121	63	66	118TA1238
Round	630	680	178	54	60	134TA8120
Round	635	130	144	57	58	108TA4300
Round	635	710	147	53	53	124TA1991
Round	635	750	102	67	68	108TA8866
Round	635	1040	102	48	48	118TA1328
Round	637	610	140	54	70	118TA1322
Round	637	670	143	49	60	108TA4360
Round	640	650	145	53	61	118TA1320

REF 118TA1294

REF 110TA9634

flange plate: 200 x 135 mm
4 holes

REF 105TA6797

flange plate: 200 x 170 mm
4 holes

REF 118TA1238

REF 134TA8120

REF 108TA4300

REF 124TA1991

flange plate: 200 x 170 mm
4 holes Ø 14 mm

REF 108TA8866

REF 118TA1328

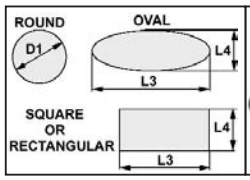
REF 118TA1322

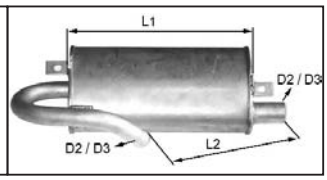
REF 108TA4360

REF 118TA1320

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: JUNGHEINRICH-STEINBOCK





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	645	1070	105	43	53	118TA1367
Round	675	800	252	78	81	134TA7658
Round	705	345	180	57	57	139TA1529
Round	710	415	180	57	57	139TA1530
Round	710	830	162	42	62	134TA7816
Round	740	1042	100	38	54	105TA6791
Round	750	1070	100	44	54	134TA7826
Round	763	980	121	45	60	111TA1890
Round	768	920	132	45	54	105TA6664
Round	770	940	154	44	61	106TA5000
Round	777	1085	90	45	51	134TA8131
Round	860	1070	140	60	0	105TA6673

REF 118TA1367

REF 134TA7658

REF 139TA1529

REF 139TA1530

REF 134TA7816

REF 105TA6791

REF 134TA7826

REF 111TA1890

REF 105TA6664

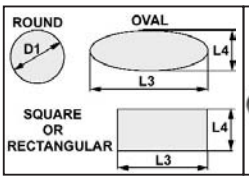
REF 106TA5000

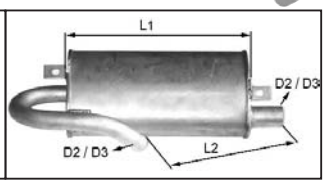
REF 134TA8131

flange plate: 200 x 135 mm
4 holes

REF 105TA6673

used for: JUNGHEINRICH-STEINBOCK





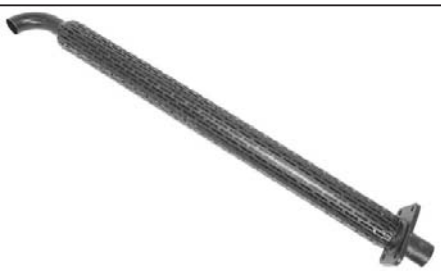
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	863	1080	160	58	0	110TA8553
Round	865	1070	144	57	0	111TA1898
Round	880	1020	76	42	56	105TA6864
Round	900	1050	80	42	52	139TA1532
Round	905	1070	75	44	52	118TA1249
Round	915	1015	228	102	102	134TA7942
Round	953	947	285	101	103	123TA6036
Round	1000	1070	95	61	63	106TA5002
Round	1073	1110	90	43	49	106TA7342

REF 110TA8553

REF 111TA1898

REF 105TA6864

REF 139TA1532



REF 118TA1249

REF 134TA7942

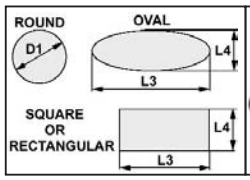
REF 123TA6036

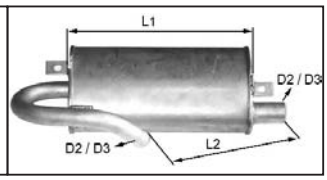
REF 106TA5002

REF 106TA7342

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: KALMAR





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	660	840	380 X 255	131	131	139TA4609
Oval	800	200	285 X 190	88	100	134TA8061
Round	310	1630	280	76	90	134TA8080
Round	380	525	121	60	63	124TA7184
Round	455	170	177	27	53	124TA7179
Round	600	1230	150	45	51	134TA8037
Round	600	1550	150	48	48	134TA7821
Round	605	1375	158	60	60	111TA3682
Round	735	660	205	62	62	134TA7843
Round	765	920	215	77	80	134TA7828
Round	770	906	195	64	64	108TA4370
Round	780	900	214	76	81	134TA7795

REF 139TA4609

REF 134TA8061

REF 134TA8080

REF 124TA7184

REF 124TA7179

REF 134TA8037

REF 134TA7821

REF 111TA3682

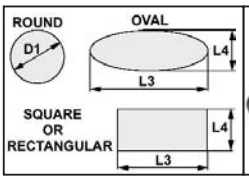
REF 134TA7843

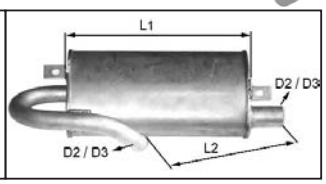
REF 134TA7828

REF 108TA4370

REF 134TA7795

used for: KALMAR





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	850	720	236	95	120	118TA1288
Round	850	720	290	94	119	139TA1533
Round	850	755	236	92	118	118TA1276
Round	885	1030	156	93	105	108TA4323
Round	890	560	260	115	124	104TA5939
Round	910	900	202	76	77	123TA6038
Round	912	740	203	81	92	105TA6829
Round	913	290	183	55	65	134TA8087
Round	924	920	202	74	75	105TA6827
Round	985	880	202	105	107	139TA1534
Round	1000	970	284	120	122	139TA4610
Round	1075	310	250	94	117	124TA7567

REF 118TA1288

REF 139TA1533

REF 118TA1276

REF 108TA4323

REF 104TA5939

REF 123TA6038

REF 105TA6829

REF 134TA8087

REF 105TA6827

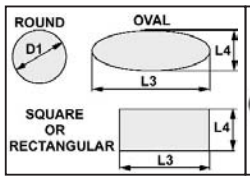
REF 139TA1534

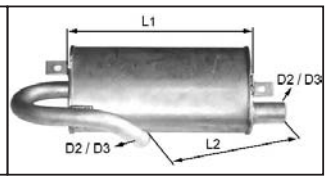
REF 139TA4610

REF 124TA7567

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: KALMAR





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	1090	980	306	110	122	139TA4611
Round	1090	980	310	120	120	134TA7772
Round	1100	1010	300	110	120	139TA1535
Round	1100	1240	305	120	120	134TA7985
Round	1135	1305	227	104	104	139TA1536
Round	1137	1720	300	90	90	134TA8101
Round	1176	320	238	106	106	110TA8584
Round	1270	1500	440	186	186	139TA4612
Round	1335	1500	312	120	120	134TA8114

REF 139TA4611

REF 134TA7772

REF 139TA1535

REF 134TA7985

REF 139TA1536

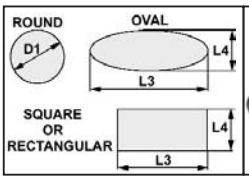
REF 134TA8101

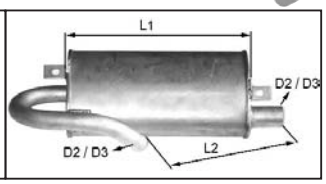
REF 110TA8584

REF 139TA4612

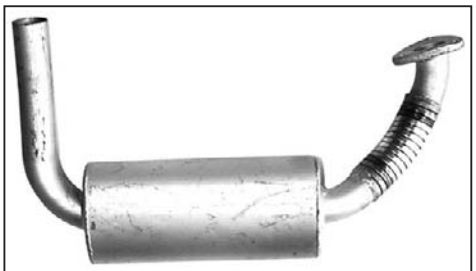
REF 134TA8114

used for: KOMATSU





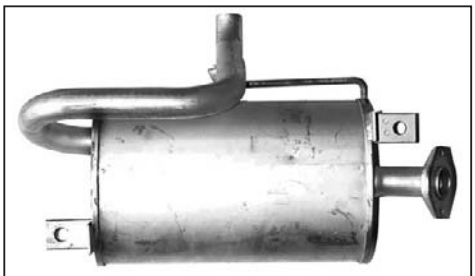
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	270	450	120 X 90	40	40	118TA1203
Oval	282	15	244 X 137	38	48	139TA4613
Oval	350	370	210 X 140	38	38	104TA5967
Oval	350	380	215 X 135	38	38	134TA8099
Oval	350	380	220 X 140	38	38	104TA5910
Oval	350	380	220 X 140	38	38	123TA6039
Oval	350	425	312 X 170	50	55	134TA7971
Oval	350	497	218 X 138	38	42	134TA8076
Oval	350	705	220 X 140	38	42	134TA8068
Oval	350	720	220 X 140	38	41	134TA7913
Oval	400	512	204 X 104	35	45	118TA1251
Oval	405	680	170 X 90	52	52	134TA7775


REF 118TA1203

REF 139TA4613

REF 104TA5967

REF 134TA8099


REF 104TA5910

REF 123TA6039

REF 134TA7971

REF 134TA8076

REF 134TA8068

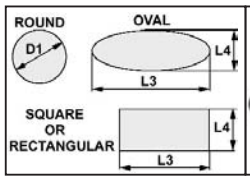
REF 134TA7913

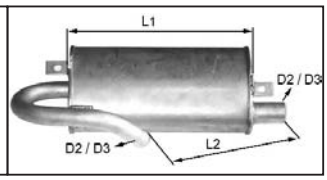
REF 118TA1251

REF 134TA7775

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: KOMATSU





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	450	880	177 X 100	42	47	118TA1271
Oval	480	710	227 X 121	50	55	123TA9883
Oval	480	710	228 X 118	50	55	118TA1256
Oval	500	717	187 X 99	45	50	118TA1317
Oval	500	750	190 X 100	45	49	118TA1202
Oval	560	135	204 X 105	41	51	108TA4319
Oval	560	350	200 X 100	41	48	134TA7670
Oval	577	490	177 X 102	42	55	134TA7685
Oval	624	618	204 X 104	57	64	134TA7700
Round	265	30	178	54	54	139TA4614
Round	270	280	150	35	39	105TA6719
Round	270	410	150	34	38	105TA6720

REF 118TA1271

REF 123TA9883

REF 118TA1256

REF 118TA1317

REF 118TA1202

REF 108TA4319

REF 134TA7670

REF 134TA7685

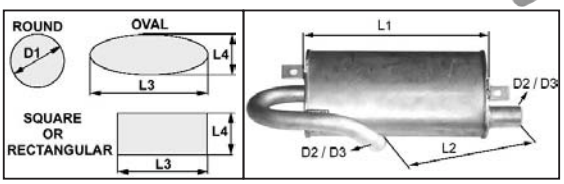
REF 134TA7700

REF 139TA4614

REF 105TA6719

REF 105TA6720

used for: KOMATSU



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	290	370	175	38	47	134TA8066
Round	290	415	175	38	47	134TA8067
Round	290	640	167	38	47	104TA5801
Round	290	700	175	38	47	105TA6774
Round	290	705	175	38	47	139TA4615
Round	292	550	169	35	46	105TA6752
Round	295	280	210	38	40	134TA7894
Round	295	285	180	38	47	118TA1343
Round	295	580	182	38	38	134TA8096
Round	295	670	180	38	45	106TA5003
Round	297	345	201	34	42	108TA8867
Round	300	270	175	45	49	124TA1127

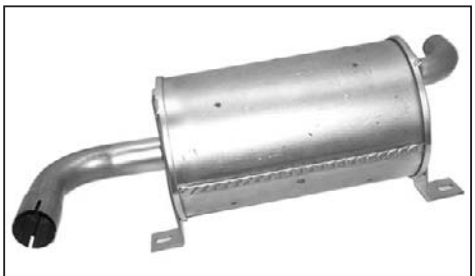
REF 134TA8066

REF 134TA8067

REF 104TA5801

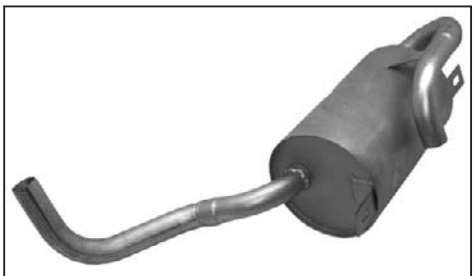
REF 105TA6774

REF 139TA4615


REF 105TA6752

REF 134TA7894

REF 118TA1343


REF 134TA8096

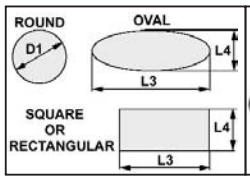
REF 106TA5003

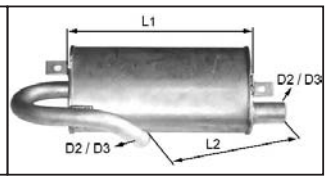
REF 108TA8867

REF 124TA1127

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: KOMATSU





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	300	320	168	38	38	139TA1537
Round	300	410	169	38	38	139TA1538
Round	300	430	180	45	49	106TA7339
Round	300	490	170	35	46	104TA5734
Round	300	500	190	34	47	104TA5927
Round	300	565	175	35	45	139TA4616
Round	300	580	170	35	47	134TA7597
Round	300	600	173	35	46	105TA6826
Round	300	650	190	35	47	105TA6721
Round	300	685	180	38	38	134TA7851
Round	300	690	177	39	39	118TA1259
Round	320	110	140	37	56	139TA4617

REF 139TA1537

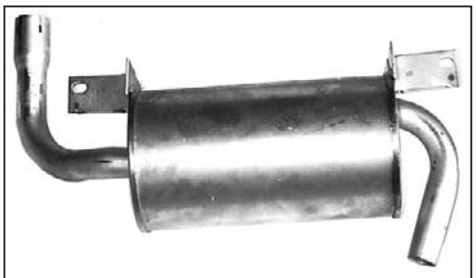
REF 139TA1538

REF 106TA7339

REF 104TA5734

REF 104TA5927

REF 139TA4616

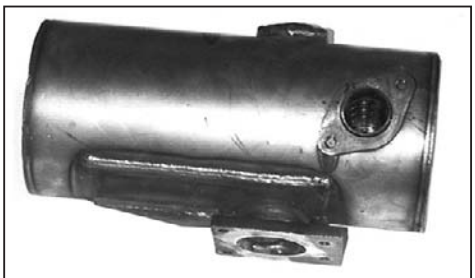

REF 134TA7597

REF 105TA6826

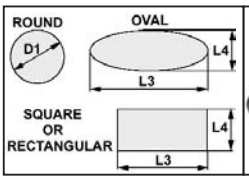
REF 105TA6721

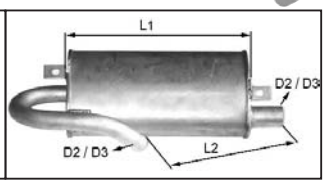
REF 134TA7851

REF 118TA1259


REF 139TA4617

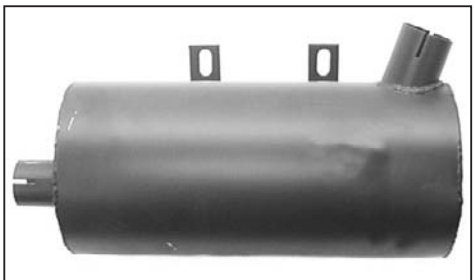
used for: KOMATSU



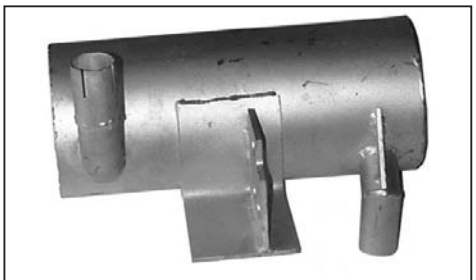


Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	320	340	155	38	45	123TA6040
Round	320	343	152	39	46	108TA4321
Round	320	345	152	39	46	134TA7672
Round	330	320	140	34	37	105TA6691
Round	330	490	133	48	50	134TA7673
Round	340	210	160	43	46	105TA6712
Round	345	340	160	34	37	105TA6736
Round	350	290	150	51	51	108TA4308
Round	350	385	200	51	56	118TA1351
Round	385	715	121	51	67	134TA7817
Round	395	635	166	51	51	134TA7893
Round	400	640	175	48	51	104TA5994

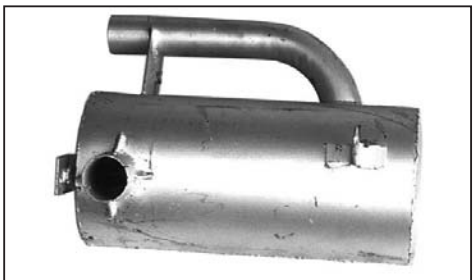
REF 123TA6040


REF 108TA4321

REF 134TA7672

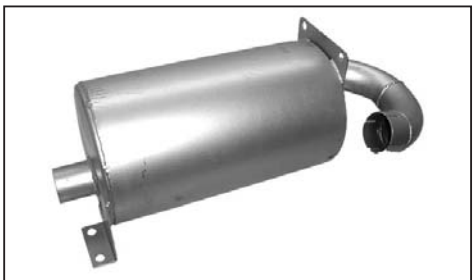

REF 105TA6691

REF 134TA7673


REF 105TA6712

REF 105TA6736

REF 108TA4308


REF 118TA1351

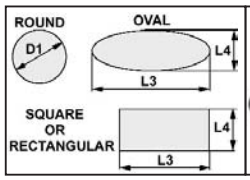
REF 134TA7817

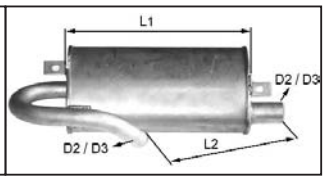
REF 134TA7893

REF 104TA5994

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: KOMATSU

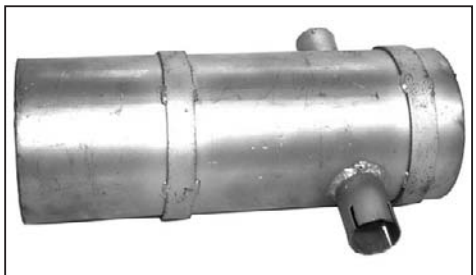




Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	400	655	170	48	51	124TA5194
Round	400	720	180	48	51	104TA5897
Round	401	267	151	43	45	110TA8555
Round	403	330	220	73	75	123TA6041
Round	418	645	204	52	55	134TA7965
Round	420	590	190	51	55	134TA7903
Round	420	640	175	51	54	105TA6777
Round	420	660	180	49	51	104TA5758
Round	420	670	190	51	55	123TA6042
Round	423	372	216	53	60	118TA1316
Round	423	645	172	48	51	118TA1355
Round	427	710	202	51	56	108TA4287

REF 124TA5194

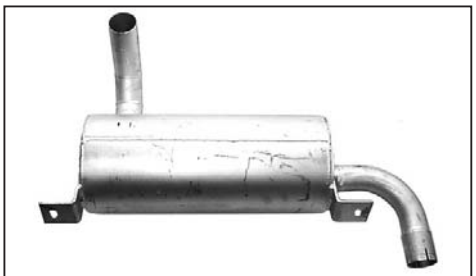
REF 104TA5897

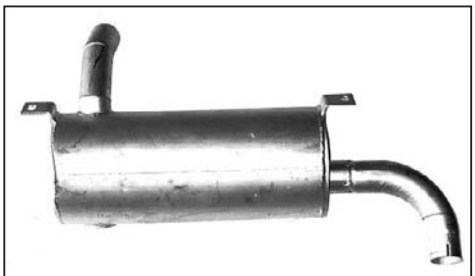

REF 110TA8555

REF 123TA6041

REF 134TA7965

REF 134TA7903


REF 105TA6777


REF 104TA5758

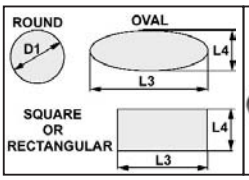
REF 123TA6042

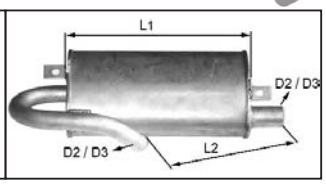
REF 118TA1316

REF 118TA1355

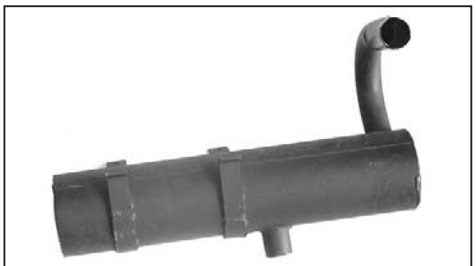
REF 108TA4287

used for: KOMATSU





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	440	290	100	34	38	118TA1197
Round	450	250	143	35	38	134TA7721
Round	450	540	144	42	46	108TA8875
Round	450	545	152	42	47	108TA4354
Round	470	285	100	38	39	118TA1255
Round	470	460	110	38	38	139TA1539
Round	500	885	220	76	93	139TA1540
Round	500	920	220	51	55	134TA7835
Round	505	610	130	46	49	118TA1206
Round	510	530	139	49	51	124TA5199
Round	548	685	152	50	56	118TA1233
Round	580	550	150	63	63	105TA6747


REF 118TA1197

REF 134TA7721

REF 108TA8875

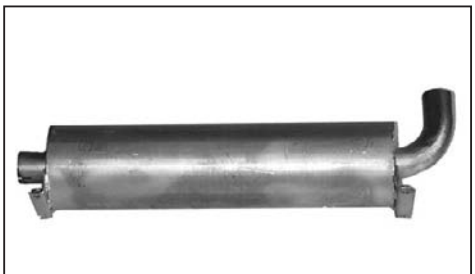
REF 108TA4354

REF 118TA1255

REF 139TA1539

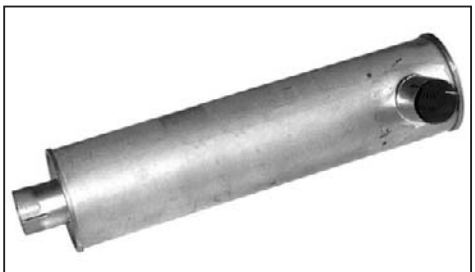
REF 139TA1540

REF 134TA7835


REF 118TA1206

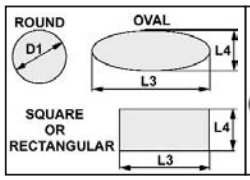
REF 124TA5199

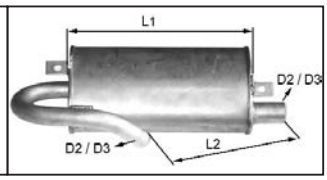
REF 118TA1233


REF 105TA6747

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: KOMATSU

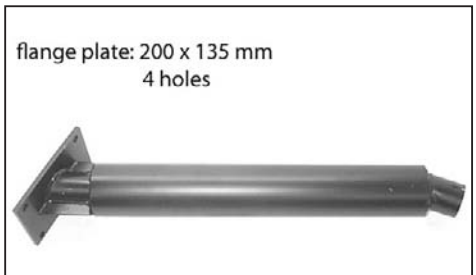




Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	605	700	153	50	55	134TA8143
Round	615	718	156	54	60	134TA7733
Round	615	745	101	63	66	108TA4318
Round	620	750	121	63	66	108TA4322
Round	635	130	144	57	58	134TA7699
Round	635	1040	102	48	48	134TA7747
Round	637	610	140	54	70	134TA7745
Round	645	1070	105	43	53	118TA1366
Round	650	100	150	50	54	118TA1201
Round	705	345	180	57	57	139TA1541
Round	710	415	180	57	57	134TA7882
Round	710	830	162	42	62	134TA7815

REF 134TA8143

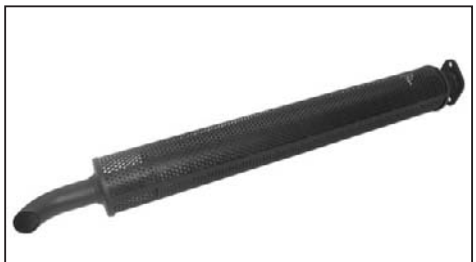
REF 134TA7733



REF 108TA4318

REF 108TA4322

REF 134TA7699


REF 134TA7747

REF 134TA7745

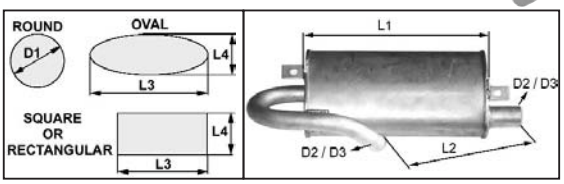
REF 118TA1366

REF 118TA1201

REF 139TA1541

REF 134TA7882

REF 134TA7815



used for: KOMATSU

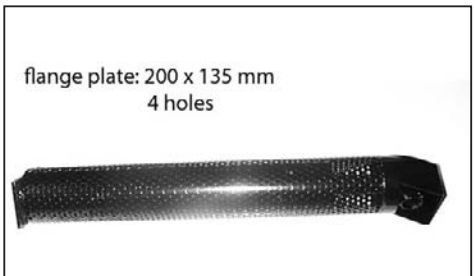
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	763	980	121	45	60	111TA1889
Round	770	940	154	44	61	134TA7694
Round	795	1080	80	50	54	118TA1240
Round	802	1090	80	45	50	118TA1223
Round	860	1070	140	60	0	108TA4307
Round	863	1080	160	58	0	110TA8552
Rectangular	500	1045	112 X 112	41	46	139TA1542

REF 111TA1889

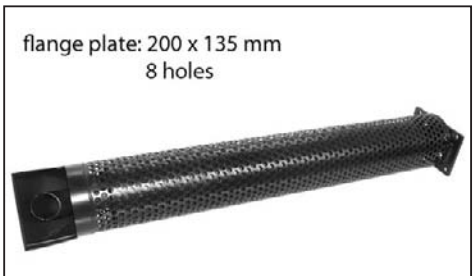
REF 134TA7694

REF 118TA1240

REF 118TA1223



REF 108TA4307

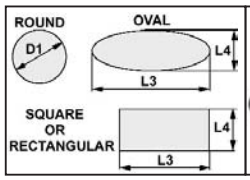


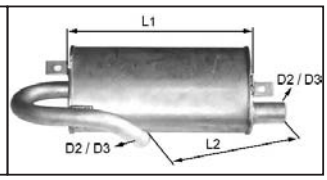
REF 110TA8552

REF 139TA1542

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: KOOI AAP





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	300	255	210 X 110	32	46	105TA6869
Round	450	575	84	32	53	134TA7946
Round	455	560	85	32	45	134TA7888
Round	460	550	84	27	39	139TA1543
Round	480	440	150	54	56	134TA8005

REF 105TA6869

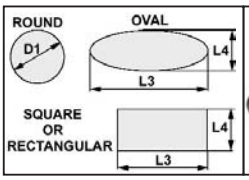
REF 134TA7946

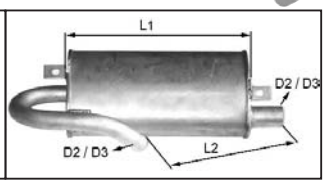
REF 134TA7888

REF 139TA1543

REF 134TA8005

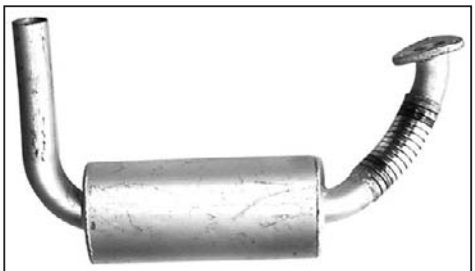
used for: LINDE-LANSING



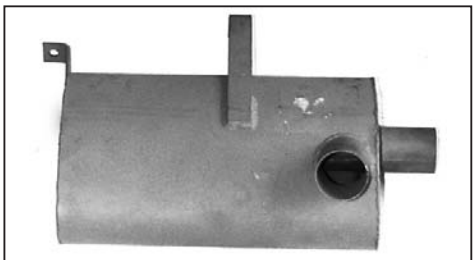


Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	260	165	235 X 125	52	60	134TA8122
Oval	270	450	120 X 90	40	40	134TA7606
Oval	305	390	230 X 120	38	52	118TA1267
Oval	310	140	190 X 100	48	50	118TA1190
Oval	310	310	190 X 100	47	52	104TA5809
Oval	310	380	190 X 100	42	42	104TA5817
Oval	310	400	190 X 100	47	50	104TA5810
Oval	310	590	190 X 100	46	49	118TA1212
Oval	350	425	312 X 170	50	55	134TA7973
Oval	385	585	265 X 139	40	40	134TA7896
Oval	398	430	270 X 140	40	40	134TA8031
Oval	400	435	265 X 140	35	40	123TA6043

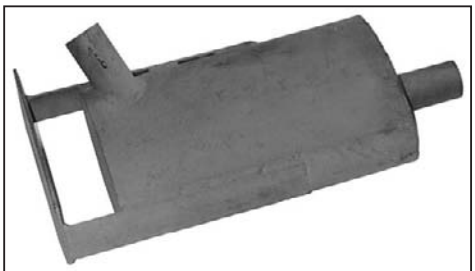
REF 134TA8122


REF 134TA7606

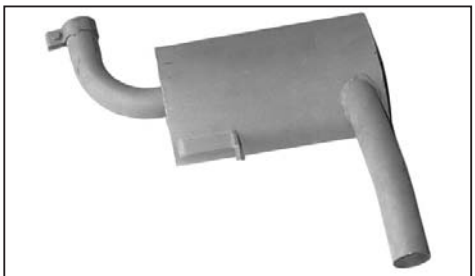
REF 118TA1267


REF 118TA1190

REF 104TA5809


REF 104TA5817

REF 104TA5810


REF 118TA1212

REF 134TA7973

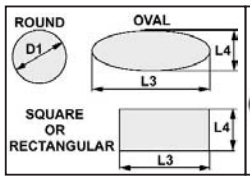
REF 134TA7896

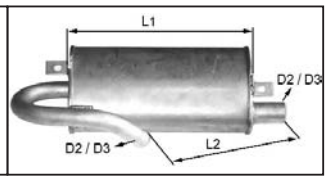
REF 134TA8031

REF 123TA6043

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: LINDE-LANSING



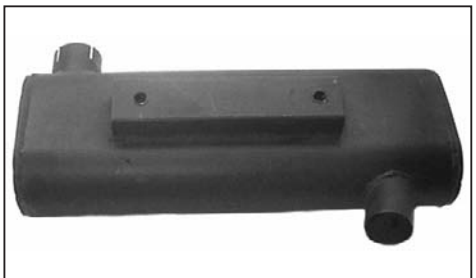


Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	400	435	270 X 130	35	40	123TA6044
Oval	400	435	280 X 140	40	40	134TA7870
Oval	400	440	260 X 140	40	40	118TA1195
Oval	408	350	145 X 87	42	51	106TA7306
Oval	410	480	150 X 95	38	42	104TA5926
Oval	410	532	194 X 100	45	49	118TA1264
Oval	410	570	150 X 100	36	42	104TA5811
Oval	420	470	166 X 112	42	46	134TA7687
Oval	440	720	180 X 90	43	45	118TA1186
Oval	450	490	240 X 110	50	50	118TA1196
Oval	450	570	240 X 100	60	60	118TA1194
Oval	450	650	190 X 100	42	45	118TA1200

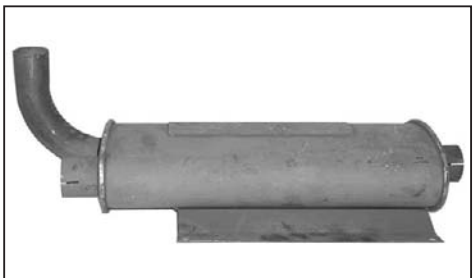
REF 123TA6044

REF 134TA7870

REF 118TA1195


REF 106TA7306

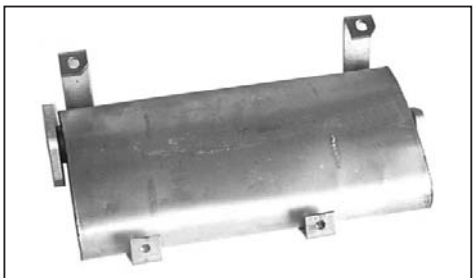
REF 104TA5926


REF 118TA1264

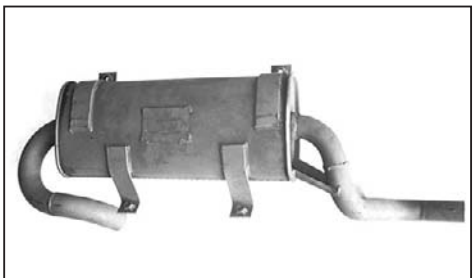
REF 104TA5811

REF 134TA7687

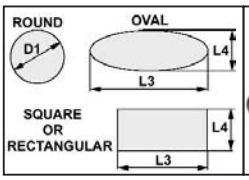
REF 118TA1186

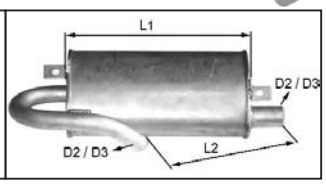

REF 118TA1196

REF 118TA1194


REF 118TA1200

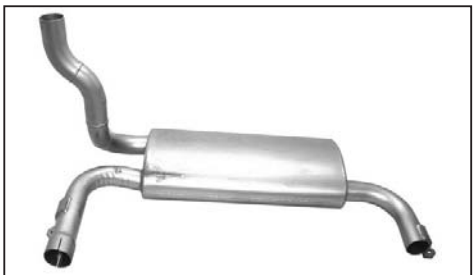
used for: LINDE-LANSING





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	480	710	227 X 121	50	55	134TA7743
Oval	480	710	228 X 118	50	55	134TA7732
Oval	500	717	187 X 99	45	50	134TA7744
Oval	500	750	190 X 100	45	49	134TA7603
Oval	505	0	140 X 90	55	0	106TA7328
Oval	540	185	235 X 145	50	60	134TA7948
Oval	540	190	145 X 230	49	61	134TA7967
Oval	540	400	230 X 146	50	50	134TA7951
Oval	540	520	228 X 170	50	50	134TA8045
Oval	540	680	285 X 170	50	50	134TA7803
Oval	542	528	285 X 169	50	52	118TA1290
Oval	543	680	285 X 170	50	50	134TA8093

REF 134TA7743


REF 134TA7732

REF 134TA7744

REF 134TA7603

REF 106TA7328

REF 134TA7948

REF 134TA7967

REF 134TA7951

REF 134TA8045

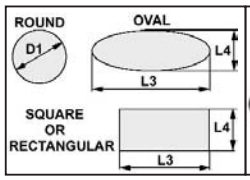
REF 134TA7803

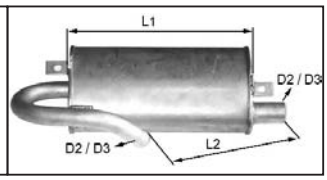
REF 118TA1290

REF 134TA8093

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: LINDE-LANSING





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	545	520	285 X 170	50	50	134TA7836
Oval	545	690	285 X 170	50	50	124TA7187
Oval	560	135	305 X 180	49	51	123TA9890
Oval	560	145	305 X 181	52	49	139TA1544
Oval	560	160	305 X 180	50	52	118TA1218
Oval	560	170	300 X 185	52	60	118TA1205
Oval	565	690	230 X 160	53	60	118TA1204
Oval	565	695	235 X 160	54	60	123TA6046
Oval	600	770	300 X 220	52	69	118TA1211
Oval	600	1145	171 X 118	39	79	118TA1237
Oval	610	1080	170 X 110	52	80	118TA1215
Oval	635	0	207 X 120	48	0	139TA4618

REF 134TA7836

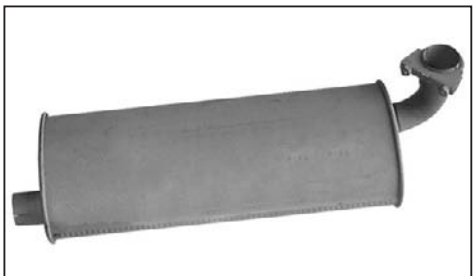
REF 124TA7187

REF 123TA9890

REF 139TA1544

REF 118TA1218

REF 118TA1205


REF 118TA1204

REF 123TA6046

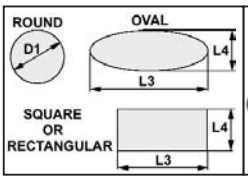
REF 118TA1211

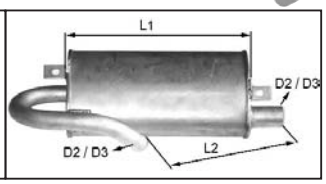
REF 118TA1237

REF 118TA1215

REF 139TA4618

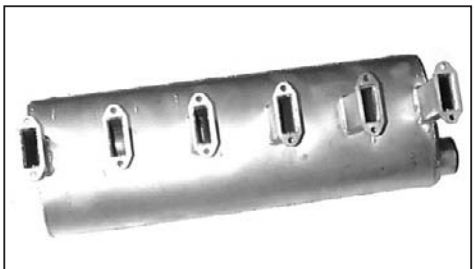
used for: LINDE-LANSING





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	673	630	390 X 255	76	76	106TA6326
Oval	680	160	230 X 110	60	65	118TA1220
Oval	680	551	263 X 138	51	54	118TA1336
Oval	690	285	350 X 150	52	69	118TA1234
Oval	695	268	393 X 150	52	69	118TA1243
Round	101	682	184	60	82	118TA1252
Round	292	385	161	38	50	118TA1266
Round	295	580	182	38	38	134TA8097
Round	300	685	180	38	38	134TA7852
Round	300	690	177	39	39	123TA6047
Round	340	330	85	45	46	106TA7321
Round	350	290	150	51	51	105TA6677

REF 106TA6326


REF 118TA1220

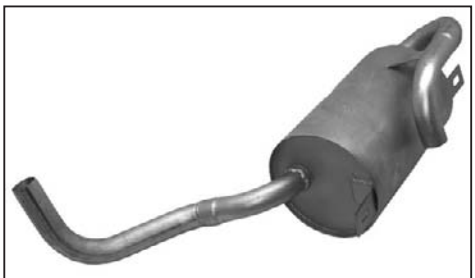
REF 118TA1336

REF 118TA1234

REF 118TA1243

REF 118TA1252

REF 118TA1266


REF 134TA8097

REF 134TA7852

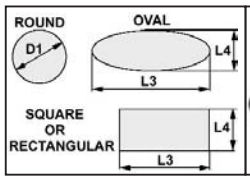
REF 123TA6047

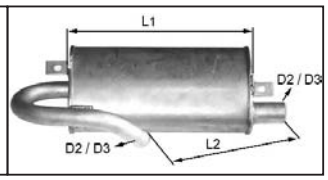
REF 106TA7321

REF 105TA6677

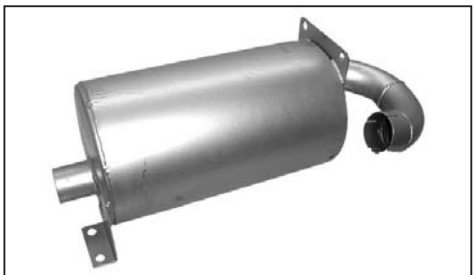
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: LINDE-LANSING





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	350	385	200	51	56	134TA7753
Round	418	645	204	52	55	134TA7966
Round	427	710	202	51	56	123TA6048
Round	435	285	96	35	42	106TA6327
Round	440	310	97	35	42	106TA6325
Round	440	490	85	42	43	106TA7331
Round	460	635	152	49	48	134TA7926
Round	470	460	110	38	38	139TA1545
Round	480	1060	105	40	46	134TA7636
Round	490	1300	110	52	60	118TA1185
Round	493	610	160	63	70	118TA1247
Round	495	590	159	61	62	118TA1268

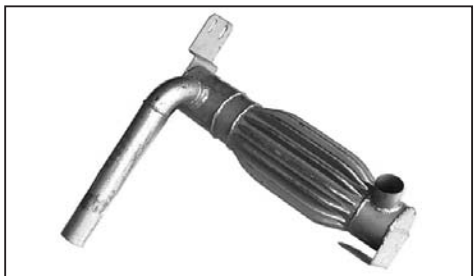

REF 134TA7753

REF 134TA7966

REF 123TA6048

REF 106TA6327

REF 106TA6325


REF 106TA7331

REF 134TA7926

REF 139TA1545

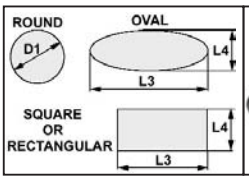
REF 134TA7636

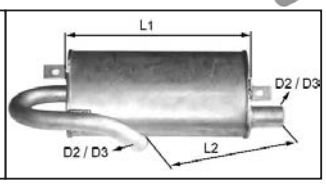
REF 118TA1185

REF 118TA1247

REF 118TA1268

used for: LINDE-LANSING





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	500	940	50	49	50	106TA6324
Round	500	1050	90	0	58	123TA6049
Round	500	1570	145	60	66	118TA1245
Round	505	610	130	46	49	134TA7616
Round	510	810	99	56	69	118TA1299
Round	510	1050	85	45	56	118TA1213
Round	520	680	99	55	70	118TA1226
Round	520	700	98	56	70	134TA7959
Round	548	685	152	50	56	134TA7680
Round	570	365	202	51	54	106TA6328
Round	580	430	130	48	48	106TA7320
Round	590	408	122	48	48	110TA8558

REF 106TA6324

REF 123TA6049

REF 118TA1245

REF 134TA7616

REF 118TA1299

REF 118TA1213

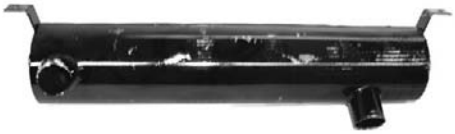
REF 118TA1226

REF 134TA7959

REF 134TA7680

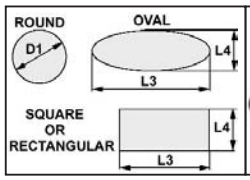
REF 106TA6328

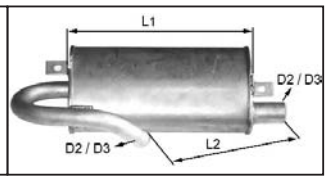
REF 106TA7320


REF 110TA8558

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: LINDE-LANSING



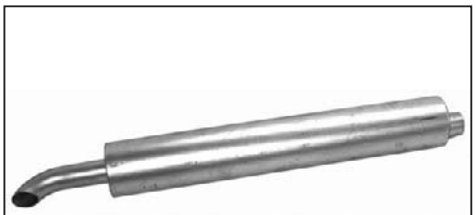


Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	600	1200	50	49	52	118TA1210
Round	605	700	153	50	55	134TA8145
Round	610	490	205	63	63	139TA1546
Round	610	782	95	42	45	118TA1281
Round	612	825	144	51	54	118TA1295
Round	650	100	150	50	54	134TA7602
Round	680	1090	80	57	0	134TA7949
Round	700	1000	109	42	49	123TA6050
Round	710	800	153	51	55	118TA1260
Round	710	800	154	51	54	134TA8047
Round	710	800	155	50	55	139TA1547
Round	710	805	154	51	54	111TA2237

REF 118TA1210

REF 134TA8145

REF 139TA1546


REF 118TA1281

REF 118TA1295

REF 134TA7602

REF 134TA7949

REF 123TA6050

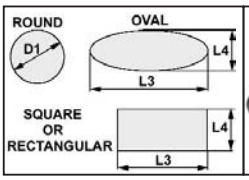
REF 118TA1260

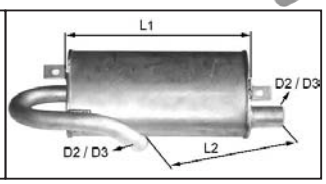
REF 134TA8047

REF 139TA1547

REF 111TA2237

used for: LINDE-LANSING





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	750	970	90	56	70	118TA1208
Round	760	1150	93	50	55	134TA7800
Round	785	1170	45	40	43	134TA7585
Round	795	1080	80	50	54	134TA7689
Round	800	220	290	80	85	134TA7927
Round	800	1000	100	55	70	118TA1297
Round	800	1200	100	43	57	118TA1236
Round	802	220	292	80	84	118TA1244
Round	802	1090	80	45	50	134TA7669
Round	805	1200	100	48	57	139TA4619
Round	805	1290	100	53	57	105TA6679
Round	805	1300	100	47	55	134TA7987

REF 118TA1208

REF 134TA7800

REF 134TA7585

REF 134TA7689

REF 134TA7927

REF 118TA1297

REF 118TA1236

REF 118TA1244

REF 134TA7669

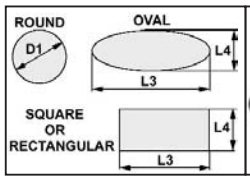
REF 139TA4619

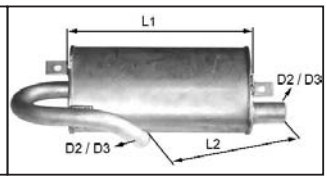
REF 105TA6679

REF 134TA7987

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: LINDE-LANSING





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	810	1120	99	56	69	118TA1250
Round	830	935	375	153	153	134TA7928
Round	860	1360	45	45	54	118TA1193
Round	963	1090	262	108	108	124TA2825
Round	1100	840	304	110	110	118TA1277
Rectangular	500	1045	112 X 112	41	46	139TA1548

REF 118TA1250

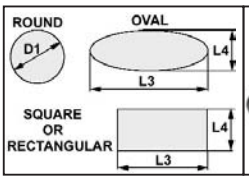
REF 134TA7928

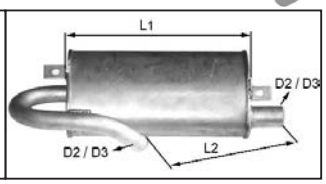
REF 118TA1193

REF 124TA2825

REF 118TA1277

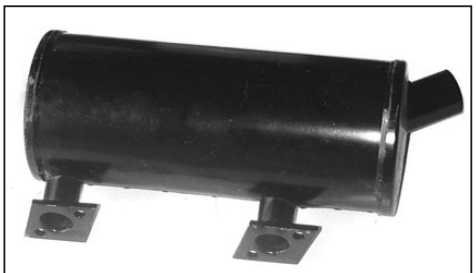
REF 139TA1548





used for: LUGLI

Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	350	220	150	32	45	105TA6702
Round	965	1190	100	45	45	108TA4296

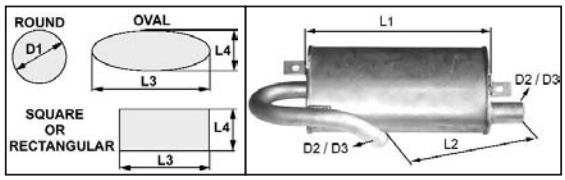


REF 105TA6702

REF 108TA4296

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: MANITOU



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	297	475	165 X 113	60	100	118TA1335
Oval	298	450	150 X 104	51	51	134TA7825
Oval	345	550	195 X 110	50	55	124TA1979
Oval	350	0	272 X 170	48	60	134TA7992
Oval	350	480	270 X 170	48	60	134TA8001
Oval	350	575	200 X 105	50	60	134TA7831
Oval	350	810	200 X 105	50	55	108TA4343
Oval	390	970	230 X 113	51	52	105TA6813
Oval	410	548	254 X 160	54	59	134TA8010
Oval	410	775	160 X 90	44	49	134TA8054
Oval	453	745	235 X 130	63	65	134TA8142
Oval	457	175	203 X 106	42	45	123TA6051

REF 118TA1335

REF 134TA7825

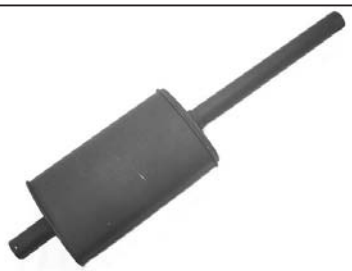
REF 124TA1979

REF 134TA7992

REF 134TA8001

REF 134TA7831

REF 108TA4343


REF 105TA6813

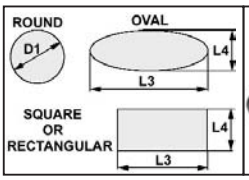
REF 134TA8010

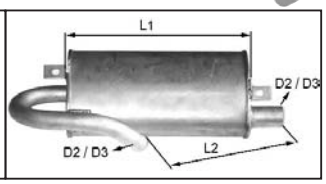
REF 134TA8054

REF 134TA8142

REF 123TA6051

used for: MANITOU





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	530	0	170 X 270	63	75	134TA8007
Oval	560	505	195 X 105	50	55	134TA8023
Oval	580	990		48	58	134TA7847
Oval	715	895	162 X 115	44	50	134TA8069
Oval	810	990	257 X 157	55	61	139TA1549
Round	280	145	130	35	44	123TA6052
Round	328	335	164	38	47	139TA1550
Round	338	455	198	43	43	108TA4332
Round	340	570	170	38	42	134TA7640
Round	348	475	200	38	39	139TA1551
Round	350	220	150	32	45	105TA6701
Round	350	370	200	36	42	106TA4997

REF 134TA8007

REF 134TA8023

REF 134TA7847

REF 134TA8069

REF 139TA1549

REF 123TA6052

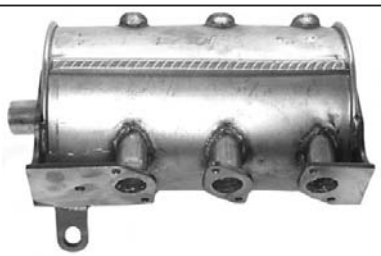
REF 139TA1550

REF 108TA4332

REF 134TA7640

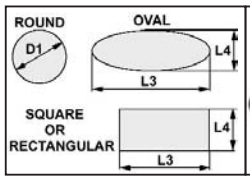
REF 139TA1551

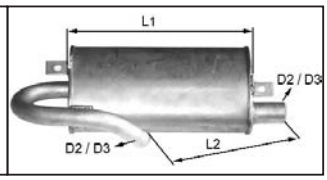
REF 105TA6701


REF 106TA4997

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: MANITOU

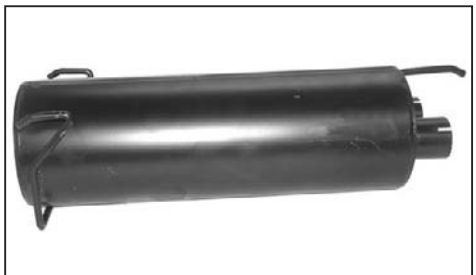




Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	410	410	191	65	75	139TA1552
Round	410	630	183	64	76	124TA2820
Round	425	33	143	47	47	108TA4364
Round	490	922	104	40	51	134TA7728
Round	500	460	153	49	57	139TA4620
Round	500	545	100	59	100	134TA8100
Round	500	600	120	76	115	134TA7829
Round	500	820	153	56	71	118TA1314
Round	502	480	150	50	57	123TA6054
Round	505	660	154	51	61	134TA8110
Round	525	820	193	76	76	124TA5196
Round	530	815	213	76	76	139TA1553

REF 139TA1552

REF 124TA2820


REF 108TA4364

REF 134TA7728

REF 139TA4620

REF 134TA8100

REF 134TA7829

REF 118TA1314

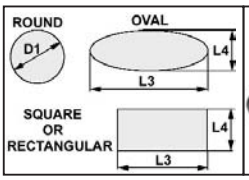
REF 123TA6054

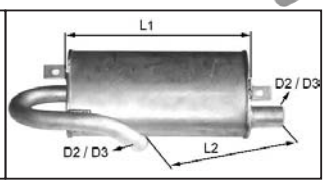
REF 134TA8110

REF 124TA5196

REF 139TA1553

used for: MANITOU





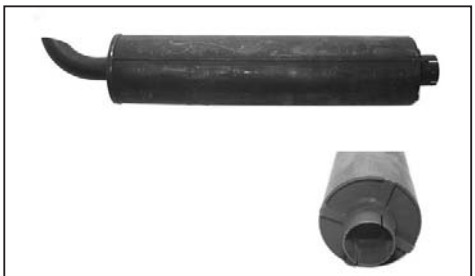
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	530	820	200	77	77	134TA7960
Round	537	743	142	49	59	108TA4363
Round	640	910	190	56	59	104TA5844
Round	650	740	200	45	60	134TA7963
Round	650	825	152	55	70	105TA6786
Round	650	825	152	55	70	134TA7668
Round	660	1150	100	42	64	118TA1312
Round	665	690	104	49	60	123TA6055
Round	665	740	105	41	64	134TA7933
Round	670	350	103	48	42	104TA5874
Round	710	865	104	43	50	106TA4998
Round	715	820	142	49	49	105TA6810

REF 134TA7960

REF 108TA4363

REF 104TA5844

REF 134TA7963


REF 105TA6786

REF 134TA7668

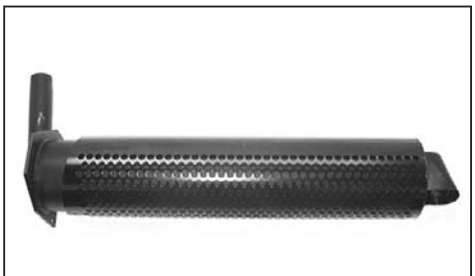
REF 118TA1312

REF 123TA6055

REF 134TA7933

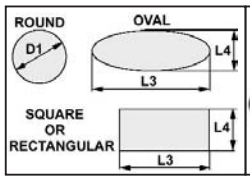
REF 104TA5874

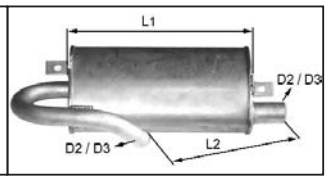
REF 106TA4998


REF 105TA6810

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: MANITOU





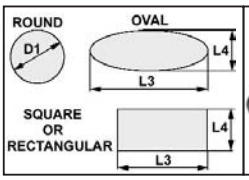
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	825	1070	115	48	52	134TA8128
Round	830	1030	82	50	53	139TA1554
Round	965	1190	100	45	45	108TA4295

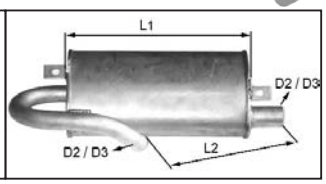
REF 134TA8128

REF 139TA1554

REF 108TA4295

used for: MERLO





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	530	790	210 X 125	61	71	134TA8141
Oval	540	1430	210 X 122	47	70	134TA7872
Oval	555	1100	215 X 120	48	70	139TA1555
Oval	560	790	210 X 120	60	70	139TA1556
Oval	860	1125	163 X 108	45	59	134TA7915
Round	275	471	140	60	64	139TA1557

REF 134TA8141

REF 134TA7872

REF 139TA1555

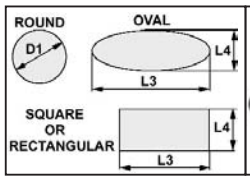
REF 139TA1556

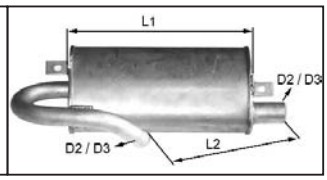
REF 134TA7915

REF 139TA1557

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: MITSUBISHI-CATERPILLAR



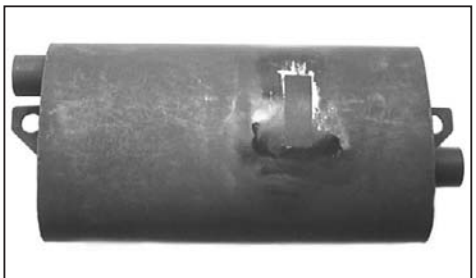


Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	285	240	265 X 140	45	49	139TA1558
Oval	330	450	245 X 135	42	42	139TA1559
Oval	350	155	214 X 122	38	42	134TA7774
Oval	350	430	193 X 102	38	42	134TA7674
Oval	351	455	191 X 103	37	41	124TA7177
Oval	355	470	210 X 130	50	56	123TA9891
Oval	380	218	200 X 105	32	45	134TA7652
Oval	395	570	200 X 110	42	47	139TA1560
Oval	450	450	190 X 110	50	55	108TA4312
Oval	470	975	230 X 116	63	90	139TA1561
Oval	495	250	255 X 150	51	51	105TA6723
Oval	505	610	244 X 150	60	65	134TA7681

REF 139TA1558

REF 139TA1559

REF 134TA7774

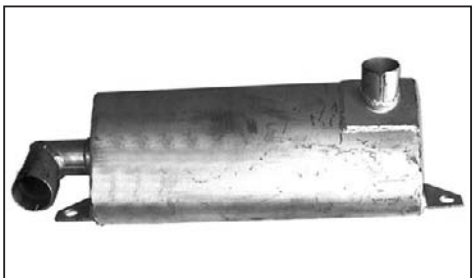

REF 134TA7674

REF 124TA7177

REF 123TA9891

REF 134TA7652

REF 139TA1560

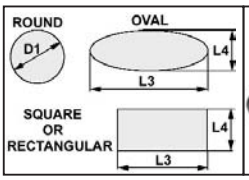

REF 108TA4312

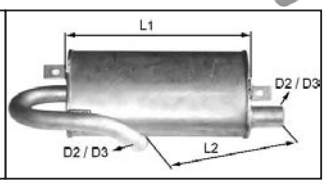
REF 139TA1561

REF 105TA6723

REF 134TA7681

used for: MITSUBISHI-CATERPILLAR





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	507	78	215 X 120	51	55	110TA8571
Oval	510	80	210 X 120	50	55	104TA5838
Oval	510	250	245 X 150	50	50	104TA5851
Oval	510	610	244 X 149	50	50	123TA6009
Oval	510	670	230 X 105	51	51	134TA7989
Oval	515	31	238 X 130	51	54	118TA1357
Oval	515	495	305 X 220	105	106	139TA4621
Oval	515	617	211 X 123	45	49	139TA1562
Oval	515	735	182 X 95	39	42	139TA1563
Oval	520	730	210 X 125	45	48	139TA1564
Oval	670	580	210 X 120	50	55	105TA6678
Oval	670	590	215 X 120	50	56	108TA4317

REF 110TA8571

REF 104TA5838

REF 104TA5851

REF 123TA6009

REF 134TA7989

REF 118TA1357

REF 139TA4621

REF 139TA1562

REF 139TA1563

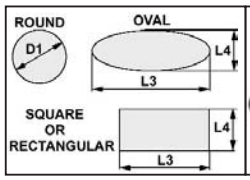
REF 139TA1564

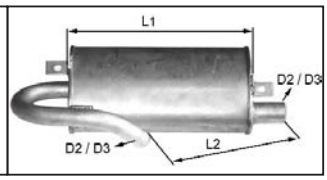
REF 105TA6678

REF 108TA4317

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: MITSUBISHI-CATERPILLAR

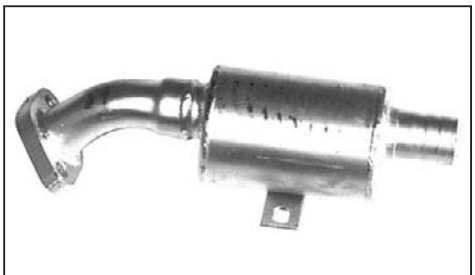




Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	680	330	216 X 118	51	53	134TA7727
Oval	685	742	210 X 120	51	54	124TA7178
Round	100	240	70	29	30	105TA6738
Round	110	875	65	38	42	123TA6011
Round	159	1040	101	39	45	139TA1565
Round	210	260	180	38	50	105TA6734
Round	220	1240	38	43	0	134TA7912
Round	230	250	170	38	54	105TA6672
Round	248	225	205	50	51	134TA7962
Round	250	200	183	41	45	110TA8541
Round	260	133	155	41	48	106TA5099
Round	285	515	190	43	43	105TA6765

REF 134TA7727

REF 124TA7178

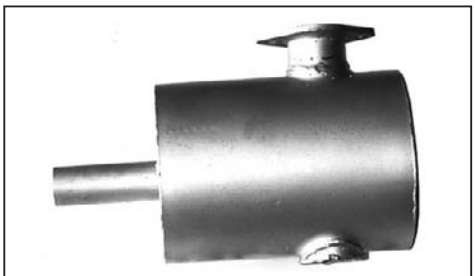

REF 105TA6738

REF 123TA6011

REF 139TA1565

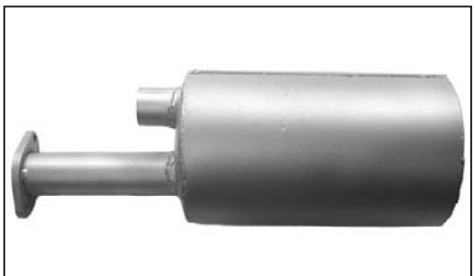
REF 105TA6734

REF 134TA7912


REF 105TA6672

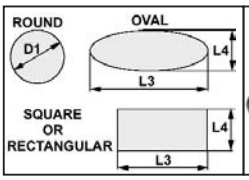
REF 134TA7962

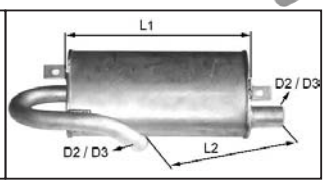
REF 110TA8541


REF 106TA5099

REF 105TA6765

used for: MITSUBISHI-CATERPILLAR





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	290	510	185	42	42	134TA7785
Round	290	640	167	38	47	139TA1566
Round	297	160	205	38	38	124TA1985
Round	298	635	205	38	42	134TA7953
Round	300	255	178	45	48	139TA1567
Round	300	270	175	45	49	139TA1568
Round	300	390	160	38	41	105TA6711
Round	300	400	165	35	38	139TA1569
Round	300	400	207	38	38	139TA1570
Round	300	405	200	38	38	134TA8139
Round	300	620	205	38	42	139TA1571
Round	300	730	210	38	42	134TA7771

REF 134TA7785

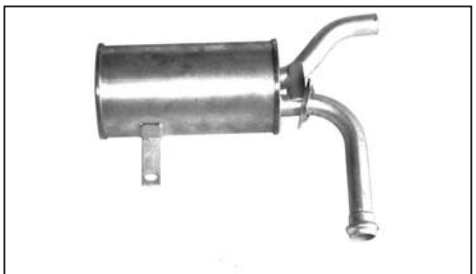
REF 139TA1566

REF 124TA1985

REF 134TA7953

REF 139TA1567

REF 139TA1568

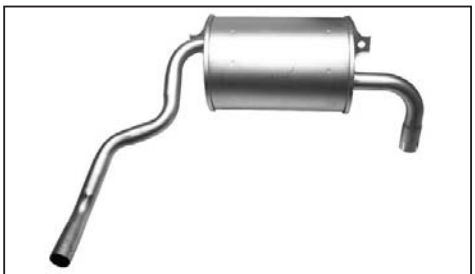

REF 105TA6711

REF 139TA1569

REF 139TA1570

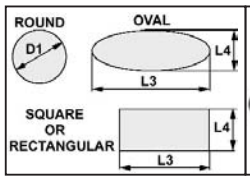
REF 134TA8139

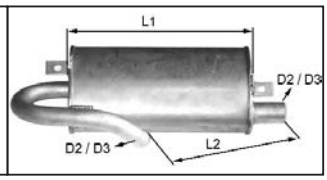
REF 139TA1571


REF 134TA7771

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: MITSUBISHI-CATERPILLAR





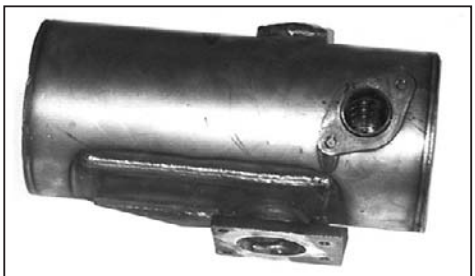
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	305	26	192	64	67	134TA7961
Round	305	636	145	32	42	110TA8556
Round	306	635	144	34	42	108TA4366
Round	307	640	145	33	42	123TA6013
Round	320	110	140	37	56	139TA4622
Round	320	340	155	38	45	139TA1572
Round	330	220	190	38	42	139TA1573
Round	340	250	170	38	43	134TA7624
Round	340	250	190	38	42	139TA4623
Round	340	305	170	38	46	139TA1574
Round	340	525	157	38	43	139TA4624
Round	340	570	170	38	42	134TA7639

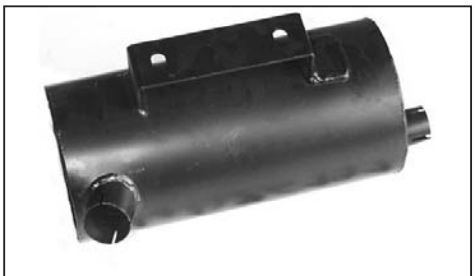
REF 134TA7961

REF 110TA8556

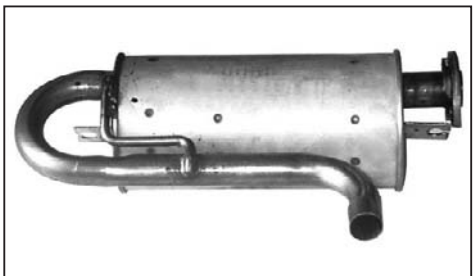
REF 108TA4366

REF 123TA6013

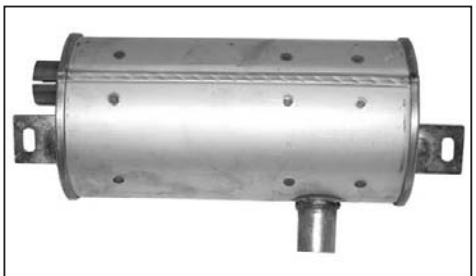

REF 139TA4622


REF 139TA1572

REF 139TA1573


REF 134TA7624

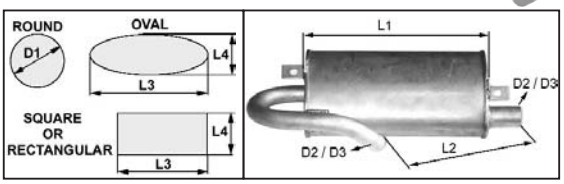
REF 139TA4623


REF 139TA1574

REF 139TA4624

REF 134TA7639

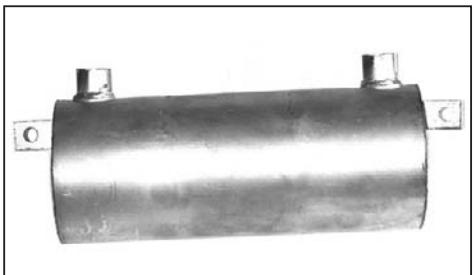
used for: MITSUBISHI-CATERPILLAR



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	360	510	160	42	46	105TA6746
Round	370	203	230	63	68	134TA7671
Round	380	270	150	36	36	134TA7609
Round	392	342	181	41	51	108TA4293
Round	398	640	125	42	46	118TA1361
Round	407	23	143	41	49	108TA4353
Round	408	660	160	47	47	139TA1575
Round	410	500	145	44	49	134TA7631
Round	410	570	175	42	46	134TA7876
Round	415	640	168	47	47	134TA8147
Round	415	655	165	47	49	123TA6014
Round	415	830	170	42	47	134TA7883

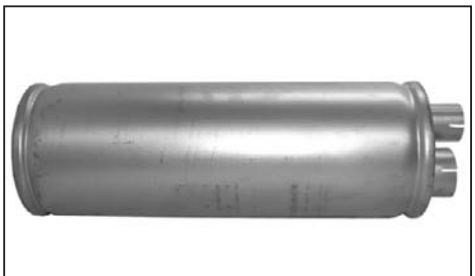
REF 105TA6746

REF 134TA7671

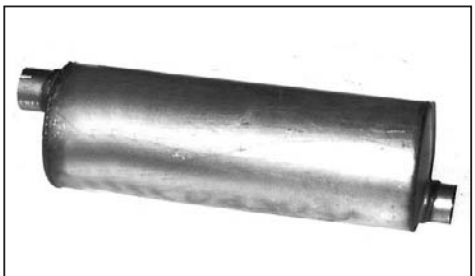

REF 134TA7609

REF 108TA4293

REF 118TA1361

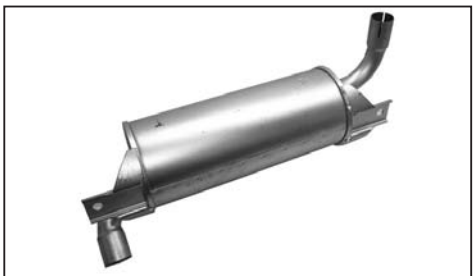

REF 108TA4353

REF 139TA1575


REF 134TA7631

REF 134TA7876

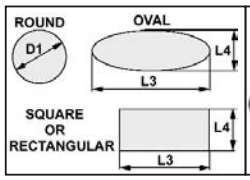
REF 134TA8147

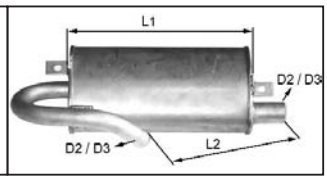

REF 123TA6014

REF 134TA7883

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: MITSUBISHI-CATERPILLAR





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	420	500	170	43	47	139TA1576
Round	450	1070	70	45	49	139TA1577
Round	455	580	179	70	73	118TA1363
Round	457	336	169	51	51	118TA1359
Round	460	430	155	39	47	105TA6686
Round	460	476	161	43	46	110TA8575
Round	460	550	160	38	42	134TA8051
Round	462	510	153	42	45	108TA4336
Round	480	620	160	43	48	139TA1578
Round	500	610	191	47	47	106TA6243
Round	500	610	215	65	65	134TA7834
Round	635	750	102	67	68	139TA1579

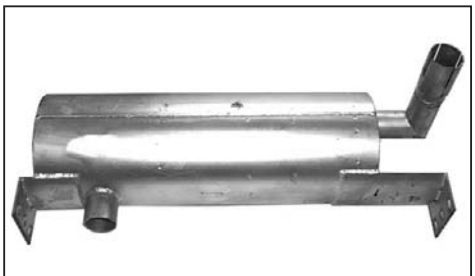
REF 139TA1576

REF 139TA1577

REF 118TA1363

REF 118TA1359

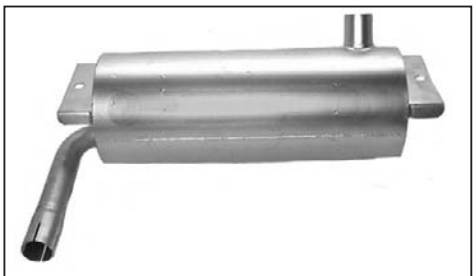
REF 105TA6686

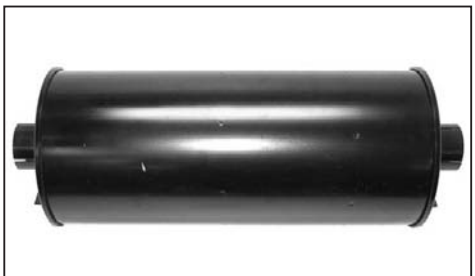

REF 110TA8575

REF 134TA8051

REF 108TA4336

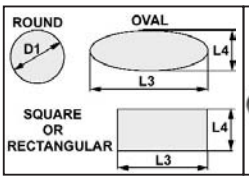
REF 139TA1578

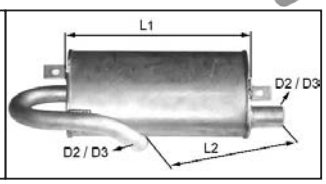

REF 106TA6243


REF 134TA7834

REF 139TA1579

used for: MITSUBISHI-CATERPILLAR





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	635	760	127	47	48	108TA4359
Round	645	1070	105	43	53	139TA1580
Round	730	1070	100	50	55	134TA7833
Round	740	1042	100	38	54	139TA1581
Round	777	1085	90	45	51	139TA1582
Round	865	1070	144	57	0	139TA1583
Round	880	1020	76	42	56	139TA1584
Round	920	1160	200	63	66	104TA5985
Round	1060	1260	127	51	54	108TA4345
Round	1073	1110	90	43	49	139TA1585
Round	1130	1293	145	62	67	108TA4339
Round	1135	1293	228	93	93	118TA1372

REF 108TA4359

REF 139TA1580

REF 134TA7833

REF 139TA1581

REF 139TA1582

REF 139TA1583

REF 139TA1584

REF 104TA5985

REF 108TA4345

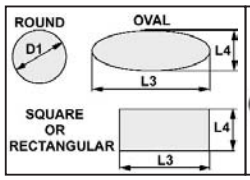
REF 139TA1585

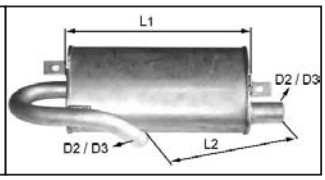
REF 108TA4339

REF 118TA1372

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: MOFFETT





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	300	255	210 X 110	32	46	134TA7653
Oval	300	565	205 X 110	35	46	134TA7952
Oval	455	160	200 X 105	42	44	134TA8094
Round	450	575	84	32	53	134TA7947
Round	455	560	85	32	45	134TA7889
Round	460	550	84	27	39	139TA1586
Round	480	440	150	54	56	134TA8006
Round	505	555	98	43	51	139TA1587
Rectangular	240	135	220 X 95	32	32	134TA8098

REF 134TA7653

REF 134TA7952

REF 134TA8094

REF 134TA7947

REF 134TA7889

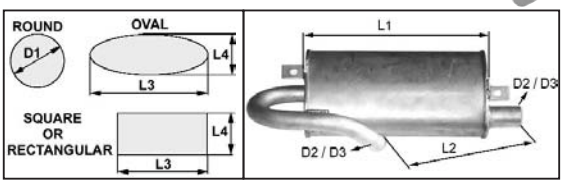
REF 139TA1586

REF 134TA8006

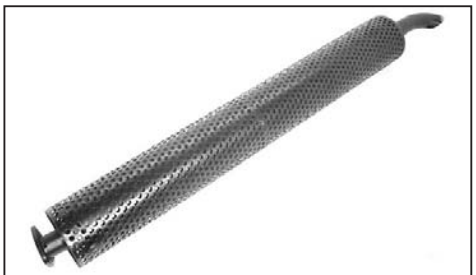
REF 139TA1587

REF 134TA8098

used for: MORA



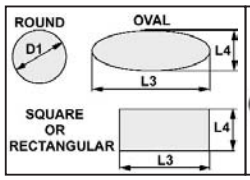
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	1010	1200	139	42	44	105TA6865

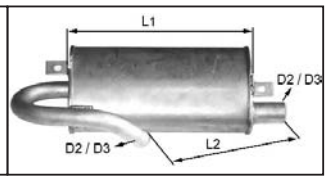


REF 105TA6865

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: NISSAN





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	200	288	144 X 93	42	42	134TA7806
Oval	300	150	135 X 85	32	39	139TA4625
Oval	328	625	240 X 135	43	47	110TA8579
Oval	330	132	242 X 130	38	43	139TA1588
Oval	330	410	240 X 140	40	42	134TA8043
Oval	330	440	242 X 136	43	47	105TA6656
Oval	330	450	245 X 135	42	42	134TA7790
Oval	330	460	242 X 130	43	47	105TA6822
Oval	330	460	250 X 140	43	46	104TA5840
Oval	330	460	330 X 136	38	42	134TA7932
Oval	330	490	245 X 135	40	42	134TA7861
Oval	330	495	242 X 127	42	47	105TA6817

REF 134TA7806

REF 139TA4625

REF 110TA8579

REF 139TA1588

REF 134TA8043

REF 105TA6656

REF 134TA7790

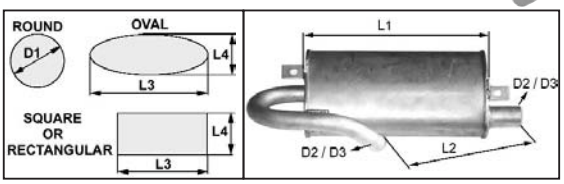
REF 105TA6822

REF 104TA5840

REF 134TA7932

REF 134TA7861

REF 105TA6817



used for: NISSAN

Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	330	515	240 X 135	42	48	124TA5197
Oval	330	530	243 X 136	41	41	134TA8019
Oval	330	555	250 X 135	41	41	123TA6058
Oval	330	630	245 X 135	41	45	134TA7860
Oval	330	655	135 X 245	38	43	134TA7979
Oval	330	655	240 X 136	43	47	108TA4356
Oval	330	660	247 X 139	42	42	139TA1589
Oval	330	710	245 X 135	42	42	134TA7855
Oval	330	825	240 X 130	43	60	134TA7939
Oval	330	937	244 X 136	40	42	134TA8071
Oval	330	985	242 X 131	40	43	118TA1292
Oval	330	1110	245 X 135	41	47	139TA1590

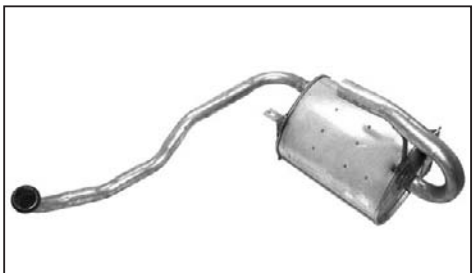
REF 124TA5197

REF 134TA8019

REF 123TA6058

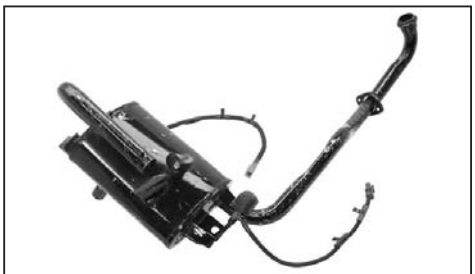
REF 134TA7860

REF 134TA7979


REF 108TA4356

REF 139TA1589

REF 134TA7855


REF 134TA7939

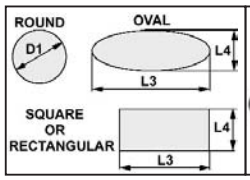
REF 134TA8071

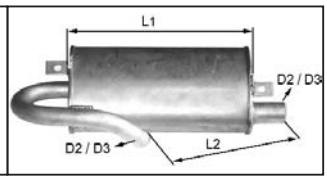
REF 118TA1292

REF 139TA1590

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: NISSAN





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	330	1245	245 X 140	42	47	123TA6059
Oval	332	360	240 X 137	42	42	134TA7984
Oval	332	480	242 X 132	42	47	110TA8582
Oval	332	510	243 X 138	42	42	134TA8115
Oval	332	525	245 X 135	40	42	134TA7938
Oval	335	550	245 X 135	40	42	134TA7937
Oval	335	640	243 X 131	41	42	110TA9630
Oval	345	415	150 X 95	38	47	134TA8063
Oval	350	150	305 X 148	51	58	105TA6807
Oval	350	215	310 X 165	50	58	105TA6836
Oval	350	310	142 X 90	35	47	105TA6773
Oval	350	340	140 X 90	37	42	104TA5772

REF 123TA6059

REF 134TA7984

REF 110TA8582

REF 134TA8115

REF 134TA7938

REF 134TA7937

REF 110TA9630

REF 134TA8063

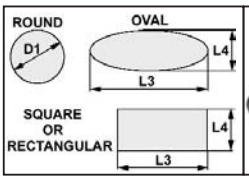
REF 105TA6807

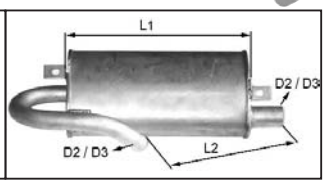
REF 105TA6836

REF 105TA6773

REF 104TA5772

used for: NISSAN





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	350	410	138 X 85	35	38	124TA1988
Oval	350	590	140 X 90	35	47	134TA8012
Oval	380	640	240 X 130	40	40	139TA4626
Oval	380	645	240 X 135	40	40	139TA4627
Oval	380	850	245 X 135	35	40	139TA4628
Oval	380	900	245 X 135	35	40	139TA4629
Oval	390	470	210 X 110	38	42	104TA5890
Oval	390	630	210 X 110	37	42	104TA5793
Oval	395	570	205 X 112	37	47	123TA6060
Oval	398	455	204 X 105	35	45	105TA6840
Oval	398	880	230 X 105	38	47	105TA6818
Oval	399	555	200 X 110	38	47	108TA4289

REF 124TA1988

REF 134TA8012

REF 139TA4626

REF 139TA4627

REF 139TA4628

REF 139TA4629

REF 104TA5890

REF 104TA5793

REF 123TA6060

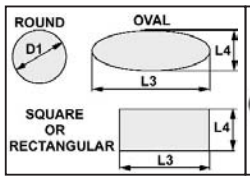
REF 105TA6840

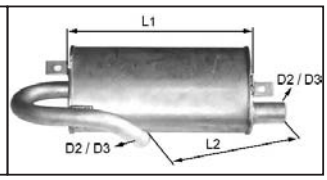
REF 105TA6818

REF 108TA4289

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

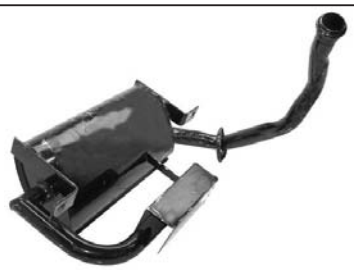
used for: NISSAN





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	400	230	200 X 115	39	48	105TA6699
Oval	400	350	105 X 200	38	60	134TA7940
Oval	400	440	200 X 105	38	42	139TA4630
Oval	400	440	220 X 110	38	60	108TA4355
Oval	400	450	207 X 113	38	43	139TA1591
Oval	400	460	200 X 105	38	47	134TA8126
Oval	400	480	210 X 110	38	41	104TA5798
Oval	400	500	210 X 105	38	45	123TA6061
Oval	400	510	200 X 110	38	47	104TA5901
Oval	400	550	210 X 110	38	42	104TA5834
Oval	400	590	210 X 110	38	47	134TA7581
Oval	400	610	210 X 115	38	42	104TA5739

REF 105TA6699


REF 134TA7940

REF 139TA4630

REF 108TA4355

REF 139TA1591

REF 134TA8126

REF 104TA5798

REF 123TA6061

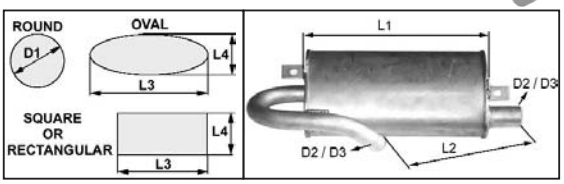
REF 104TA5901

REF 104TA5834

REF 134TA7581

REF 104TA5739

used for: NISSAN



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	400	620	210 X 105	38	45	124TA1976
Oval	400	650	205 X 110	38	42	105TA6705
Oval	400	650	210 X 110	38	47	104TA5744
Oval	400	680	205 X 110	38	42	105TA6700
Oval	400	760	205 X 115	38	42	104TA5873
Oval	400	950	210 X 110	38	42	104TA5786
Oval	401	620	203 X 102	39	42	118TA1360
Round	210	845	120	43	45	134TA8035
Round	213	420	119	43	45	105TA6784
Round	255	835	80	37	42	104TA5861
Round	297	160	205	38	38	134TA7780
Round	297	845	81	38	50	123TA6065

REF 124TA1976

REF 105TA6705

REF 104TA5744

REF 105TA6700

REF 104TA5873

REF 104TA5786

REF 118TA1360

REF 134TA8035

REF 105TA6784

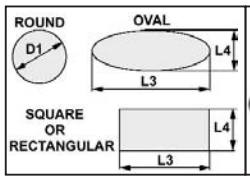
REF 104TA5861

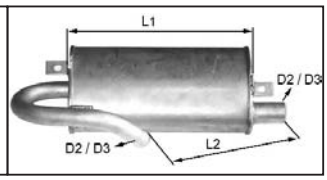
REF 134TA7780

REF 123TA6065

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: NISSAN





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	300	120	130	35	39	124TA5187
Round	300	400	207	38	38	139TA1592
Round	300	410	170	40	42	104TA5797
Round	300	430	159	38	42	105TA6847
Round	300	495	150	38	38	139TA1593
Round	300	570	158	38	47	105TA6819
Round	305	200	150	41	48	123TA9879
Round	305	340	145	38	0	134TA8138
Round	308	370	145	38	38	139TA1594
Round	310	270	100	40	40	123TA9877
Round	320	810	90	38	40	134TA7935
Round	350	260	170	43	46	139TA1595

REF 124TA5187

REF 139TA1592

REF 104TA5797

REF 105TA6847

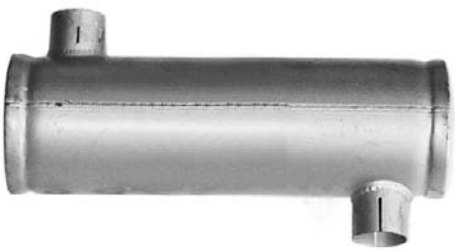
REF 139TA1593

REF 105TA6819

REF 123TA9879

REF 134TA8138

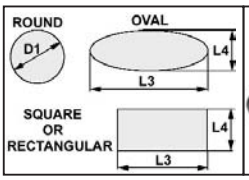
REF 139TA1594

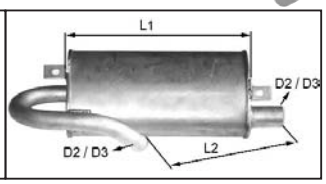

REF 123TA9877

REF 134TA7935

REF 139TA1595

used for: NISSAN

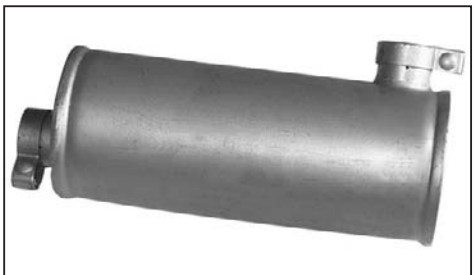




Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	350	265	167	42	47	134TA7981
Round	350	285	127	49	49	134TA7812
Round	380	370	155	54	54	123TA9876
Round	395	305	154	60	67	123TA9881
Round	398	980	199	50	72	108TA8868
Round	400	450	170	43	43	104TA5889
Round	400	680	210	51	55	134TA7625
Round	400	690	210	46	57	105TA6687
Round	400	970	210	50	72	134TA7941
Round	405	760	200	50	57	105TA6846
Round	410	350	125	42	42	134TA8041
Round	410	570	175	42	46	134TA7877

REF 134TA7981

REF 134TA7812


REF 123TA9876

REF 123TA9881

REF 108TA8868

REF 104TA5889

REF 134TA7625

REF 105TA6687

REF 134TA7941

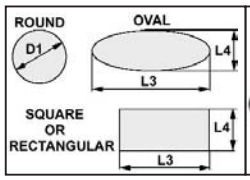
REF 105TA6846

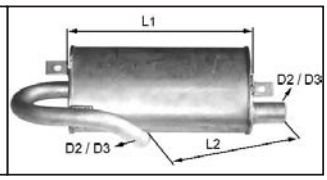
REF 134TA8041

REF 134TA7877

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

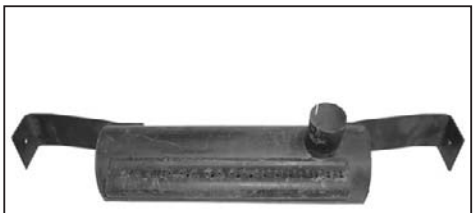
used for: NISSAN



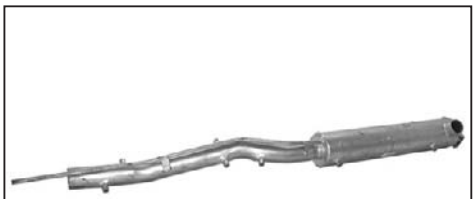


Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	415	830	170	42	47	134TA7884
Round	430	0	125	55	0	123TA6062
Round	450	930	80	38	39	105TA6731
Round	453	945	80	38	42	110TA8549
Round	455	970	115	38	38	134TA7686
Round	460	970	80	38	38	105TA6697
Round	495	470	100	45	45	123TA6063
Round	500	215	127	42	42	123TA6064
Round	500	420	208	57	57	105TA6824
Round	500	560	200	53	58	105TA6653
Round	500	650	89	42	42	108TA8877
Round	500	860	90	54	55	104TA5915

REF 134TA7884


REF 123TA6062

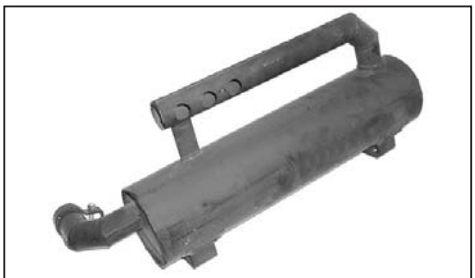
REF 105TA6731

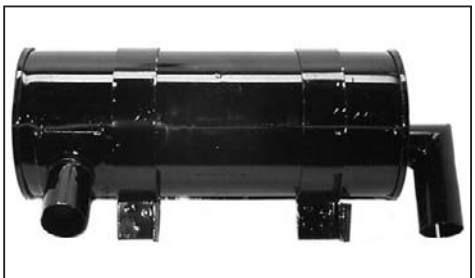

REF 110TA8549

REF 134TA7686

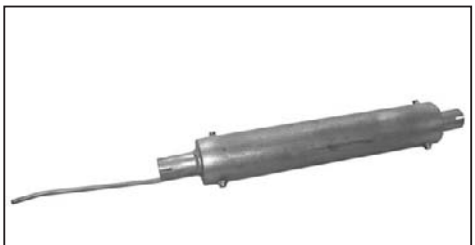
REF 105TA6697

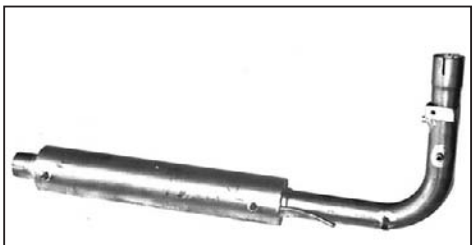
REF 123TA6063


REF 123TA6064

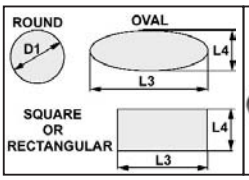

REF 105TA6824

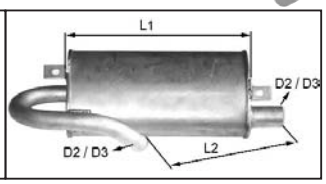
REF 105TA6653


REF 108TA8877

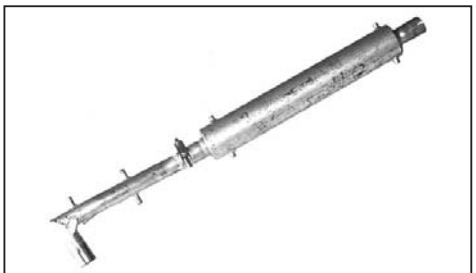

REF 104TA5915

used for: NISSAN

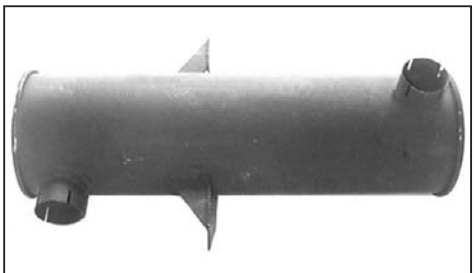




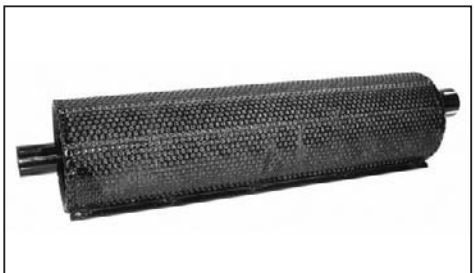
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	500	920	80	40	41	104TA5957
Round	510	470	157	42	43	123TA9885
Round	530	400	155	55	56	108TA4326
Round	550	430	130	42	54	123TA9875
Round	550	655	140	39	46	110TA8550
Round	550	1400	137	53	57	134TA7980
Round	550	1410	138	53	58	105TA6835
Round	600	455	140	54	55	123TA9884
Round	627	1023	95	38	38	118TA1311
Round	1025	1040	100	38	42	110TA8537


REF 104TA5957

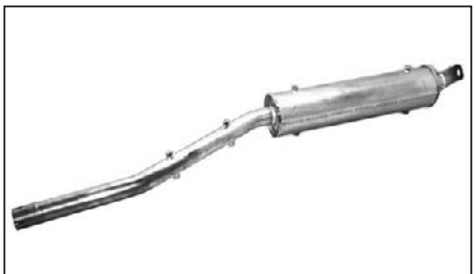
REF 123TA9885

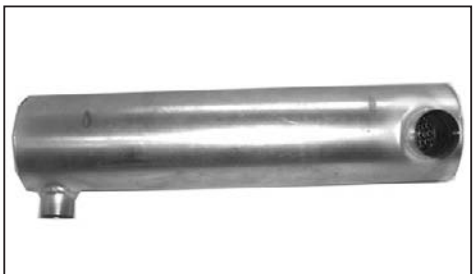

REF 108TA4326

REF 123TA9875


REF 110TA8550

REF 134TA7980


REF 105TA6835

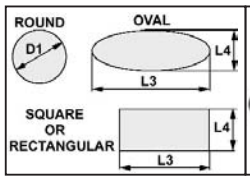

REF 123TA9884

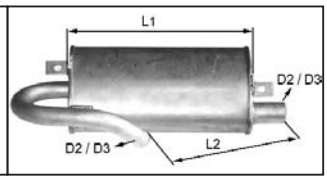
REF 118TA1311

REF 110TA8537

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: OM PIMESPO

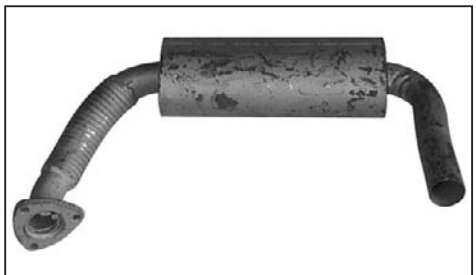


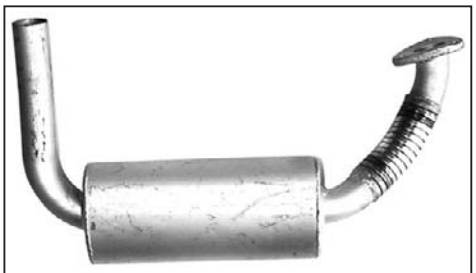


Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	245	305	122 X 90	40	45	105TA6782
Oval	245	350	125 X 86	40	40	105TA6657
Oval	270	430	120 X 100	38	41	105TA6744
Oval	270	450	120 X 90	40	40	105TA6706
Oval	270	500	120 X 90	40	40	104TA5808
Oval	350	370	210 X 140	38	38	139TA1596
Oval	350	380	215 X 135	38	38	139TA1597
Oval	350	380	220 X 140	38	38	139TA1598
Oval	350	380	220 X 140	38	38	139TA1599
Oval	350	425	312 X 170	50	55	134TA7972
Oval	350	705	220 X 140	38	42	139TA1600
Oval	480	710	227 X 121	50	55	123TA9882

REF 105TA6782

REF 105TA6657

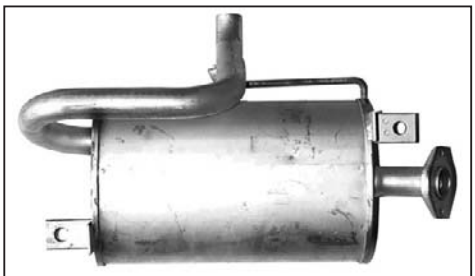

REF 105TA6744


REF 105TA6706

REF 104TA5808

REF 139TA1596

REF 139TA1597


REF 139TA1598

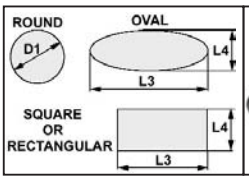
REF 139TA1599

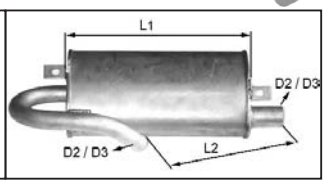
REF 134TA7972

REF 139TA1600

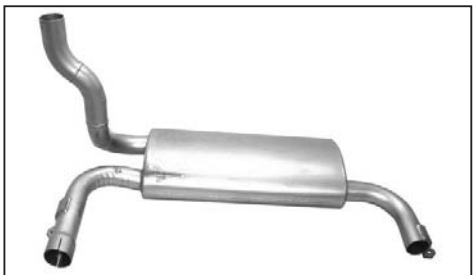
REF 123TA9882

used for: OM PIMESPO



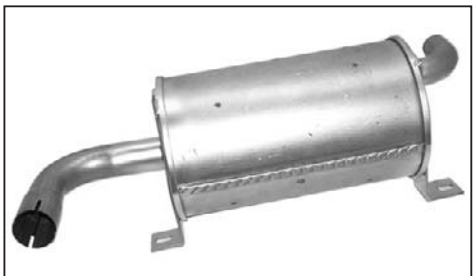


Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	480	710	228 X 118	50	55	110TA8585
Oval	500	717	187 X 99	45	50	118TA1318
Oval	500	750	190 X 100	45	49	105TA6709
Round	292	550	169	35	46	139TA1601
Round	295	280	210	38	40	139TA1602
Round	297	345	201	34	42	139TA1603
Round	300	320	168	38	38	139TA1604
Round	300	490	170	35	46	139TA1605
Round	300	565	175	35	45	139TA4631
Round	300	580	170	35	47	139TA1606
Round	300	600	173	35	46	139TA1607
Round	300	650	190	35	47	139TA1608


REF 110TA8585

REF 118TA1318

REF 105TA6709


REF 139TA1601

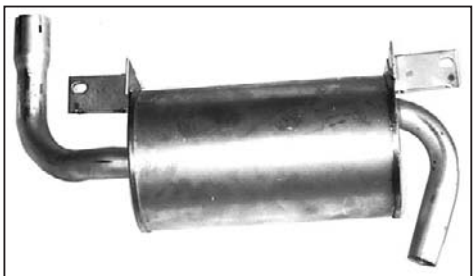
REF 139TA1602

REF 139TA1603

REF 139TA1604

REF 139TA1605

REF 139TA4631

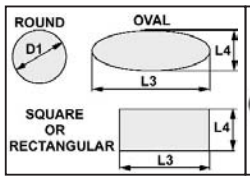

REF 139TA1606

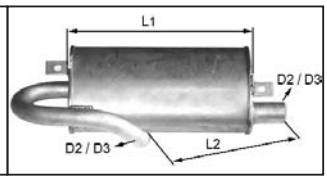
REF 139TA1607

REF 139TA1608

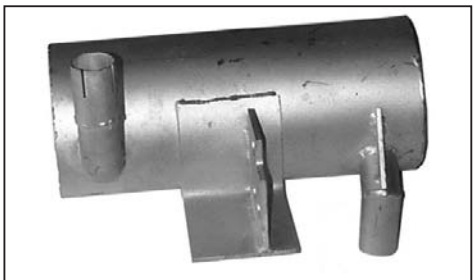
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

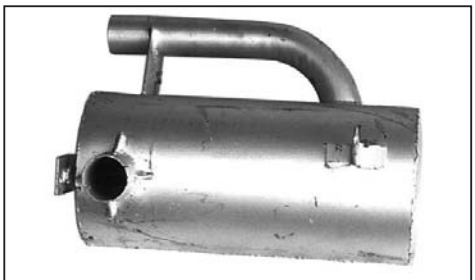
used for: OM PIMESPO

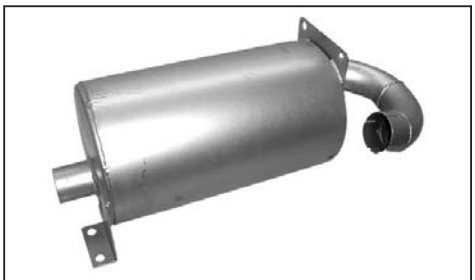




Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	330	320	140	34	37	139TA1609
Round	340	210	160	43	46	139TA1610
Round	350	385	200	51	56	118TA1352
Round	395	635	166	51	51	139TA1611
Round	400	640	175	48	51	139TA1612
Round	400	720	180	48	51	139TA1613
Round	418	645	204	52	55	139TA1614
Round	420	590	190	51	55	139TA1615
Round	420	640	175	51	54	139TA1616
Round	420	660	180	49	51	139TA1617
Round	420	670	190	51	55	139TA1618
Round	423	372	216	53	60	139TA1619


REF 139TA1609


REF 139TA1610


REF 118TA1352

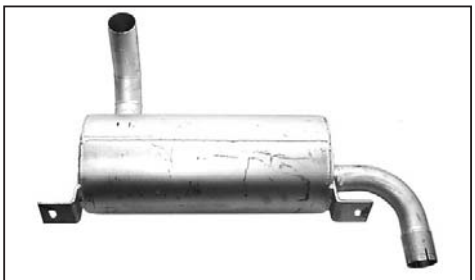
REF 139TA1611

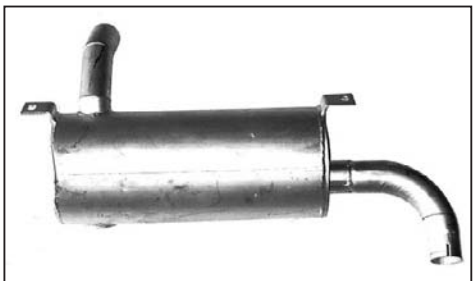
REF 139TA1612

REF 139TA1613

REF 139TA1614

REF 139TA1615

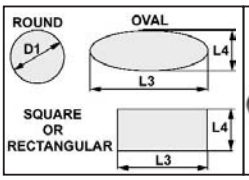

REF 139TA1616

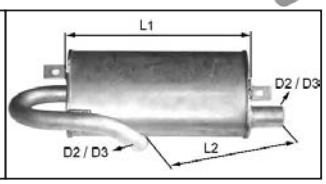

REF 139TA1617

REF 139TA1618

REF 139TA1619

used for: OM PIMESPO

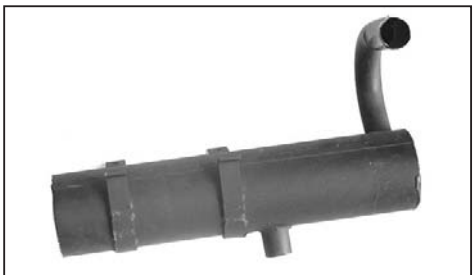




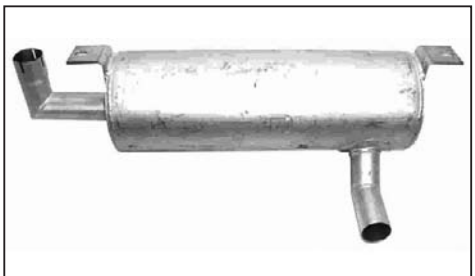
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	423	645	172	48	51	139TA1620
Round	427	710	202	51	56	139TA1621
Round	440	290	100	34	38	139TA1622
Round	450	250	143	35	38	139TA1623
Round	450	545	152	42	47	139TA1624
Round	470	285	100	38	39	139TA1625
Round	500	620	133	45	50	139TA4632
Round	500	710	90	64	64	139TA1626
Round	500	885	220	76	93	139TA1627
Round	500	920	220	51	55	139TA1628
Round	505	610	130	46	49	104TA5880
Round	510	530	139	49	51	139TA1629

REF 139TA1620

REF 139TA1621


REF 139TA1622

REF 139TA1623


REF 139TA1624

REF 139TA1625

REF 139TA4632

REF 139TA1626

REF 139TA1627

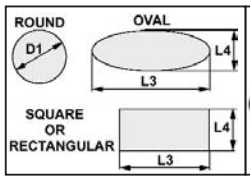
REF 139TA1628

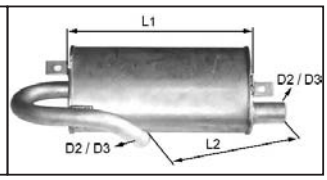
REF 104TA5880

REF 139TA1629

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: OM PIMESPO





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	548	685	152	50	56	105TA6820
Round	550	690	200	61	69	139TA1630
Round	605	700	153	50	55	134TA8144
Round	640	370	150	70	70	104TA5836
Round	640	910	190	56	59	105TA6722
Round	650	100	150	50	54	104TA5858
Round	660	940	160	49	60	105TA6670
Round	785	1170	45	40	43	105TA6737
Round	795	1080	80	50	54	105TA6655
Round	802	1090	80	45	50	105TA6788
Round	940	1100	70	49	54	139TA4633
Rectangular	500	1045	112 X 112	41	46	139TA1631

REF 105TA6820

REF 139TA1630

REF 134TA8144

REF 104TA5836

REF 105TA6722

REF 104TA5858

REF 105TA6670

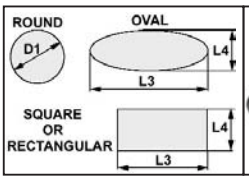
REF 105TA6737

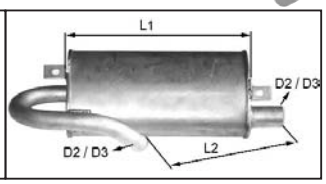
REF 105TA6655

REF 105TA6788

REF 139TA4633

REF 139TA1631





used for: OMG

Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	330	250	230 X 125	42	45	134TA7842
Oval	335	310	225 X 125	42	46	134TA7859
Oval	340	775	270 X 180	42	44	134TA7995
Round	725	940	110	42	45	134TA7911

REF 134TA7842

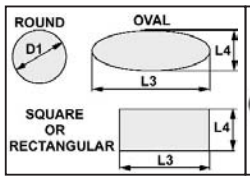
REF 134TA7859

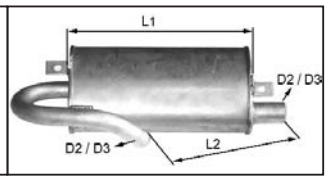
REF 134TA7995

REF 134TA7911

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: PATRIA



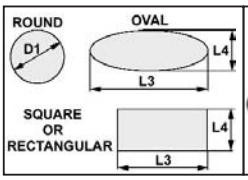


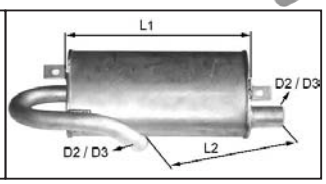
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	295	680	185	34	46	124TA7572
Round	300	470	185	34	47	124TA1990
Round	300	650	190	35	47	134TA7660

REF 124TA7572

REF 124TA1990

REF 134TA7660





used for: SALEV

Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	220	260	210 X 115	42	64	134TA8044
Round	300	600	173	35	46	134TA7682
Round	450	250	143	35	38	134TA7722
Round	750	50	150	47	47	139TA1632
Rectangular	410	320	85 X 120	40	55	134TA8002

REF 134TA8044

REF 134TA7682

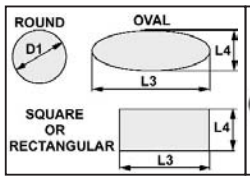
REF 134TA7722

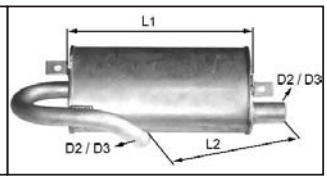
REF 139TA1632

REF 134TA8002

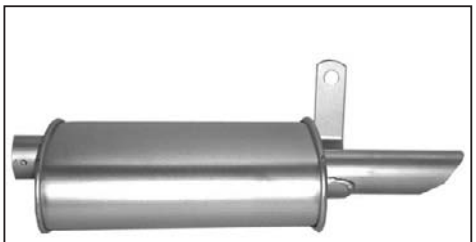
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: SANDERSON





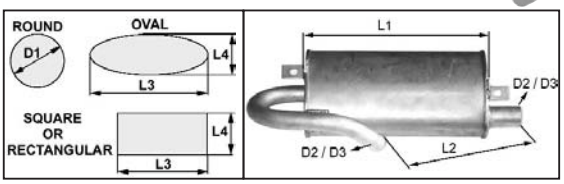
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	282	450	207 X 98	47	48	111TA2240
Oval	670	965	240 X 125	51	51	108TA4347



REF 111TA2240

REF 108TA4347

used for: SMV KONECRANES

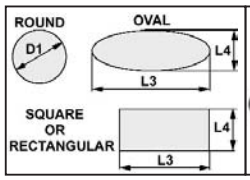


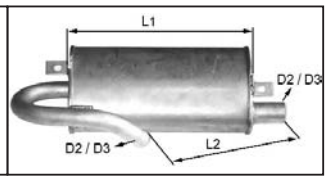
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	963	1090	262	108	108	124TA2824

REF 124TA2824

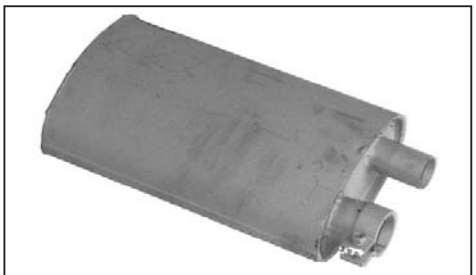
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: STILL





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	330	50	190 X 100	36	42	139TA1633
Oval	420	470	166 X 112	42	46	105TA6852
Oval	448	540	215 X 103	42	46	139TA1634
Oval	450	210	180 X 90	43	46	139TA1635
Oval	450	470	220 X 110	42	46	139TA1636
Oval	450	525	200 X 110	46	46	139TA1637
Oval	450	615	225 X 110	43	46	139TA1638
Oval	544	413	285 X 170	50	60	139TA4634
Oval	650	220	215 X 100	42	42	139TA1639
Oval	650	220	220 X 108	42	42	139TA1640
Oval	650	230	220 X 110	42	42	139TA1641
Oval	650	240	220 X 109	42	42	139TA1642


REF 139TA1633

REF 105TA6852

REF 139TA1634

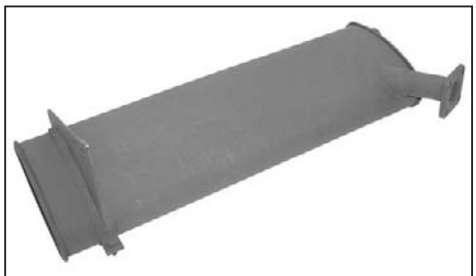
REF 139TA1635

REF 139TA1636

REF 139TA1637

REF 139TA1638

REF 139TA4634

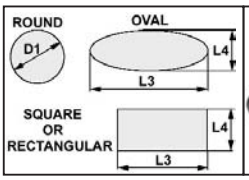

REF 139TA1639

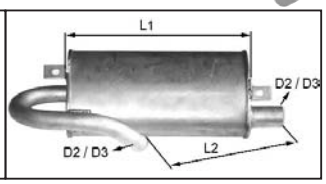
REF 139TA1640

REF 139TA1641

REF 139TA1642

used for: STILL

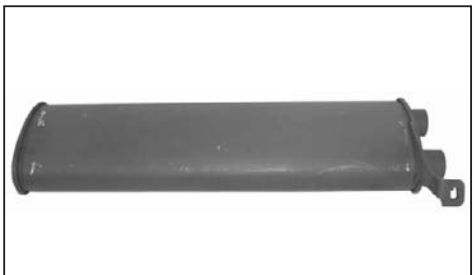




Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	660	59	200 X 105	50	50	139TA1643
Oval	660	60	200 X 115	50	50	139TA1644
Oval	660	62	197 X 103	49	50	139TA1645
Oval	660	65	197 X 115	50	50	139TA1646
Oval	660	650	200 X 100	50	55	139TA1647
Oval	760	620	200 X 130	60	60	104TA5862
Round	334	500	185	58	61	139TA1648
Round	390	1595	85	43	60	139TA1649
Round	432	225	99	38	40	110TA8573
Round	435	185	100	38	42	105TA6745
Round	435	285	96	35	42	134TA7684
Round	440	130	100	40	59	105TA6762

REF 139TA1643

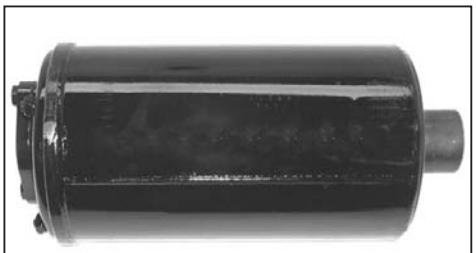
REF 139TA1644

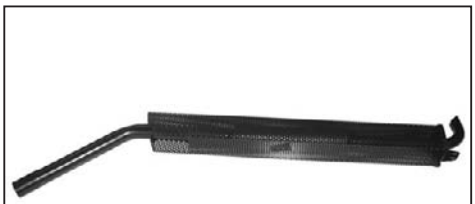

REF 139TA1645

REF 139TA1646

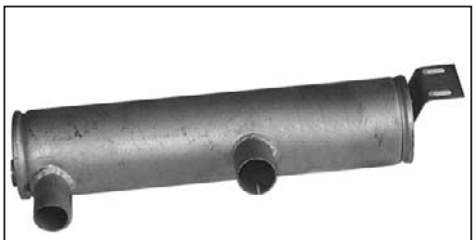
REF 139TA1647

REF 104TA5862


REF 139TA1648


REF 139TA1649

REF 110TA8573

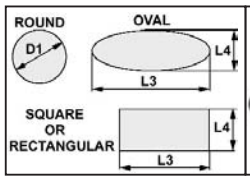

REF 105TA6745

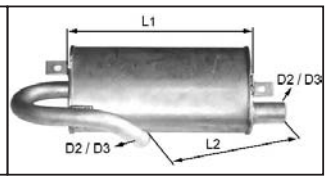
REF 134TA7684

REF 105TA6762

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

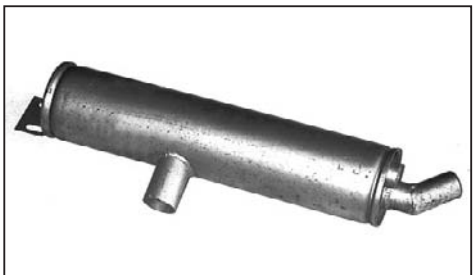
used for: STILL





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	440	310	97	35	42	134TA7557
Round	440	340	100	35	42	105TA6743
Round	460	635	152	49	48	134TA7925
Round	480	1060	105	40	46	139TA1650
Round	505	610	130	46	49	123TA6068
Round	566	515	184	55	58	139TA1651
Round	610	782	95	42	45	118TA1280
Round	612	825	144	51	54	118TA1293
Round	680	35	185	47	47	139TA1652
Round	680	690	170	49	55	139TA1653
Round	685	595	184	50	55	123TA6067
Round	765	1480	40	42	47	104TA5944

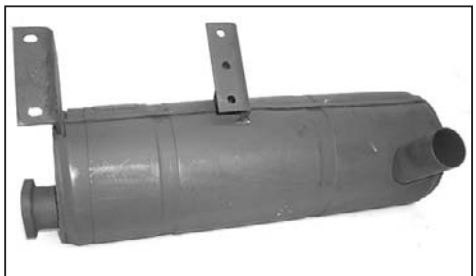
REF 134TA7557


REF 105TA6743

REF 134TA7925

REF 139TA1650

REF 123TA6068


REF 139TA1651

REF 118TA1280

REF 118TA1293

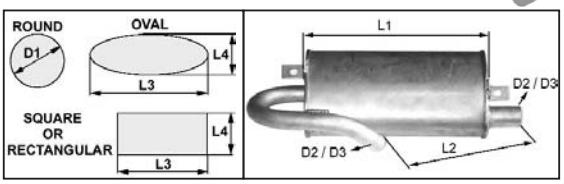
REF 139TA1652

REF 139TA1653

REF 123TA6067

REF 104TA5944

used for: SVE TRUCK



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	514	391	250	80	80	139TA4635
Round	890	560	260	115	124	134TA7635
Round	905	760	255	96	103	134TA7827
Round	912	740	203	81	92	105TA6830
Round	913	290	183	55	65	134TA8088

REF 139TA4635

REF 134TA7635

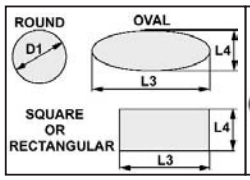
REF 134TA7827

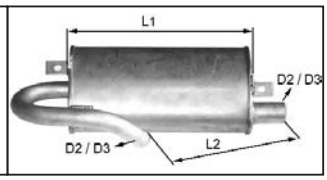
REF 105TA6830

REF 134TA8088

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: TAILIFT





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	330	225	230 X 127	42	45	134TA8102
Oval	330	250	230 X 125	42	45	134TA7840
Oval	330	715	235 X 140	42	46	134TA8107
Oval	332	280	227 X 127	45	46	139TA4636
Oval	335	310	225 X 125	42	46	134TA7857
Oval	340	775	270 X 180	42	44	134TA7994
Round	725	940	110	42	45	134TA7909

REF 134TA8102

REF 134TA7840

REF 134TA8107

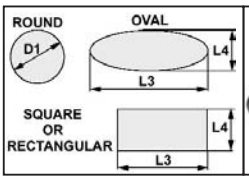
REF 139TA4636

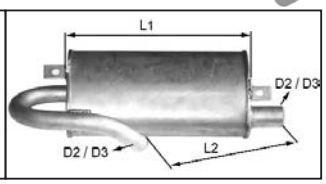
REF 134TA7857

REF 134TA7994

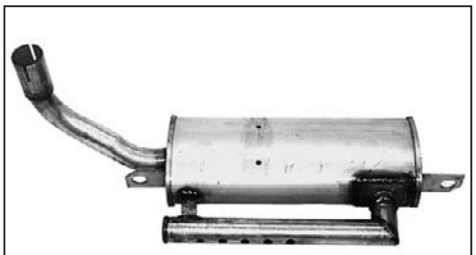
REF 134TA7909

used for: TCM





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	350	265	144 X 92	35	42	105TA6662
Oval	373	445	240 X 130	44	46	108TA8871
Oval	380	150	207 X 135	42	49	139TA1654
Oval	380	200	250 X 135	42	47	134TA7819
Oval	380	345	250 X 140	43	46	123TA6069
Oval	380	630	206 X 126	38	42	134TA7885
Oval	380	645	210 X 130	38	42	134TA7886
Oval	380	753	246 X 138	38	41	105TA6661
Oval	380	785	245 X 140	38	41	134TA7820
Oval	382	790	244 X 130	38	41	110TA8583
Oval	390	470	210 X 110	38	42	134TA7621
Oval	390	630	210 X 110	37	42	139TA4637


REF 105TA6662

REF 108TA8871

REF 139TA1654

REF 134TA7819

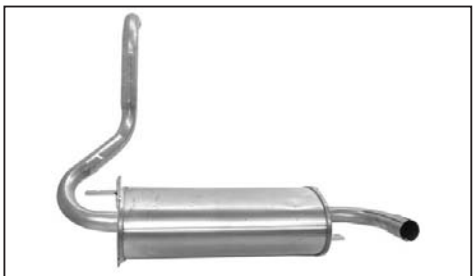
REF 123TA6069

REF 134TA7885

REF 134TA7886

REF 105TA6661

REF 134TA7820

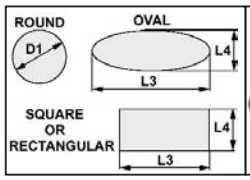

REF 110TA8583

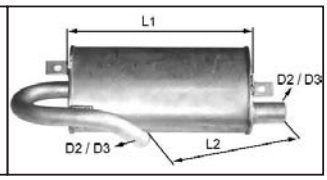
REF 134TA7621

REF 139TA4637

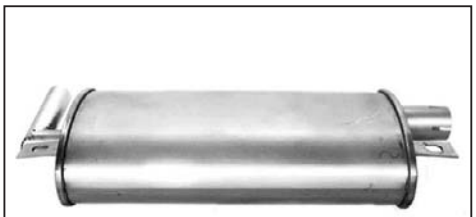
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

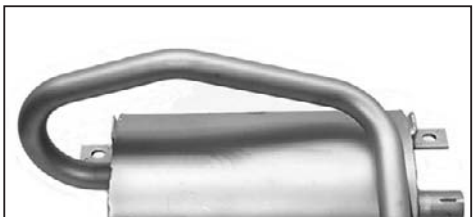
used for: TCM





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	394	510	200 X 101	33	46	118TA1246
Oval	395	100	210 X 120	38	47	104TA5991
Oval	398	880	230 X 105	38	47	134TA7678
Oval	400	190	210 X 110	42	46	134TA7907
Oval	400	210	205 X 125	46	39	124TA7569
Oval	400	230	200 X 115	39	48	104TA5887
Oval	400	310	208 X 111	42	46	105TA6772
Oval	400	310	210 X 120	39	47	134TA7572
Oval	400	430	206 X 112	38	46	105TA6658
Oval	400	512	204 X 104	35	45	108TA8870
Oval	400	515	205 X 110	35	45	134TA7703
Oval	400	550	210 X 110	38	42	134TA7590


REF 118TA1246


REF 104TA5991

REF 134TA7678

REF 134TA7907

REF 124TA7569

REF 104TA5887

REF 105TA6772

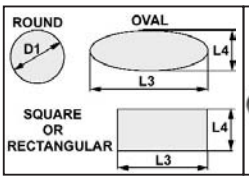
REF 134TA7572

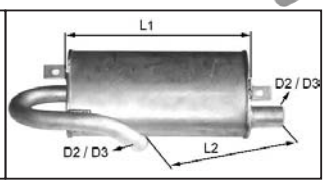
REF 105TA6658

REF 108TA8870

REF 134TA7703

REF 134TA7590





used for: TCM

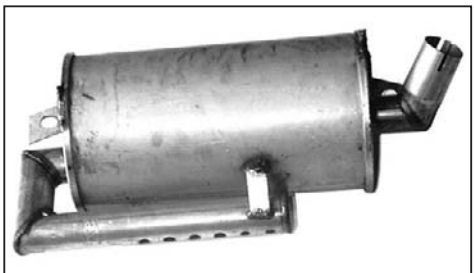
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	400	620	210 X 105	38	45	134TA7777
Oval	400	650	205 X 110	38	42	134TA7611
Oval	600	700	257 X 198	63	65	134TA7974
Round	270	280	150	35	39	118TA1199
Round	300	210	165	41	42	105TA6685
Round	300	240	165	39	42	104TA5792
Round	300	290	160	38	42	123TA6070
Round	300	390	160	35	42	104TA5775
Round	300	540	170	38	43	105TA6757
Round	300	605	165	38	42	104TA5763
Round	300	680	161	37	43	108TA4362
Round	300	760	170	38	42	104TA5767

REF 134TA7777

REF 134TA7611

REF 134TA7974

REF 118TA1199


REF 105TA6685

REF 104TA5792

REF 123TA6070

REF 104TA5775

REF 105TA6757

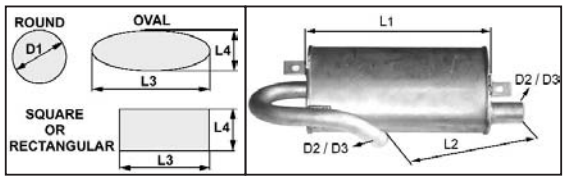
REF 104TA5763

REF 108TA4362

REF 104TA5767

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: TCM



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	300	880	200	35	42	104TA5979
Round	300	890	190	34	47	124TA5195
Round	300	980	191	35	38	110TA8566
Round	300	1000	192	35	36	108TA4342
Round	304	760	190	39	41	108TA4329
Round	330	345	144	35	36	124TA5189
Round	335	610	210	38	42	134TA7824
Round	340	160	190	38	38	134TA7969
Round	340	187	109	34	36	105TA6831
Round	340	240	192	38	50	139TA1655
Round	340	280	110	34	34	105TA6801
Round	340	440	190	41	47	134TA7988

REF 104TA5979

REF 124TA5195

REF 110TA8566

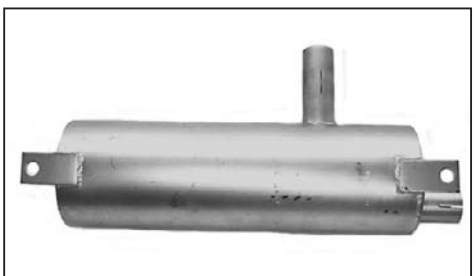
REF 108TA4342

REF 108TA4329

REF 124TA5189

REF 134TA7824

REF 134TA7969

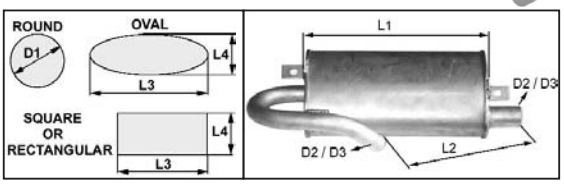

REF 105TA6831

REF 139TA1655

REF 105TA6801

REF 134TA7988

used for: TCM



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	340	465	192	38	40	134TA8137
Round	340	500	190	38	47	134TA8077
Round	340	540	193	37	40	139TA1656
Round	340	560	200	38	39	134TA8046
Round	340	950	195	38	38	124TA2822
Round	340	995	200	35	47	123TA6071
Round	340	1060	196	38	47	118TA1313
Round	340	1070	200	38	38	123TA6072
Round	340	1100	193	38	38	124TA1987
Round	340	1120	200	38	38	139TA1657
Round	340	1170	200	38	38	134TA7814
Round	340	1200	200	38	38	134TA8018

REF 134TA8137

REF 134TA8077

REF 139TA1656

REF 134TA8046

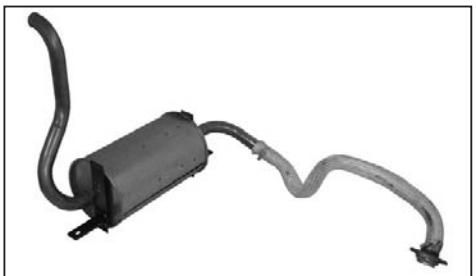
REF 124TA2822

REF 123TA6071

REF 118TA1313

REF 123TA6072

REF 124TA1987

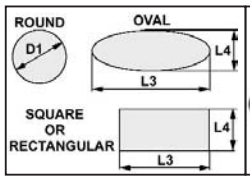

REF 139TA1657

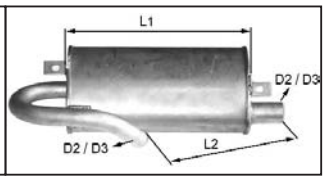
REF 134TA7814

REF 134TA8018

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: TCM





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	340	1200	200	38	48	134TA8015
Round	342	820	193	38	41	123TA6073
Round	342	865	192	37	47	134TA7822
Round	345	950	200	38	47	134TA7862
Round	365	230	160	43	47	139TA1658
Round	365	400	160	43	47	118TA1263
Round	376	190	160	43	47	105TA6739
Round	380	260	160	38	49	104TA5759
Round	390	230	165	44	48	104TA5914
Round	390	630	150	38	47	105TA6764
Round	395	535	200	47	52	139TA4638
Round	400	255	200	54	57	134TA8123

REF 134TA8015

REF 123TA6073

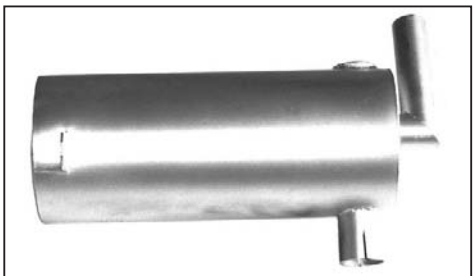
REF 134TA7822

REF 134TA7862

REF 139TA1658

REF 118TA1263

REF 105TA6739


REF 104TA5759

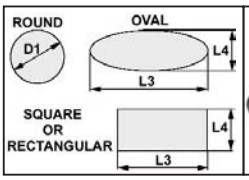
REF 104TA5914

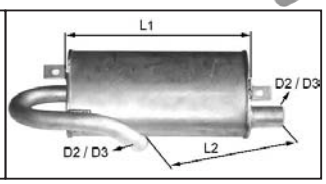
REF 105TA6764

REF 139TA4638

REF 134TA8123

used for: TCM





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	400	400	205	54	58	134TA7934
Round	400	505	159	42	47	105TA6849
Round	400	650	210	54	58	123TA6074
Round	445	290	125	40	44	124TA5190
Round	450	380	210	54	59	134TA7788
Round	450	1070	100	38	38	134TA7975
Round	450	1130	98	38	38	123TA6075
Round	450	1150	100	39	39	134TA8146
Round	450	1160	100	38	38	134TA7796
Round	455	1197	80	38	38	106TA7307
Round	495	960	214	50	54	134TA7950
Round	500	350	210	54	59	123TA9893

REF 134TA7934

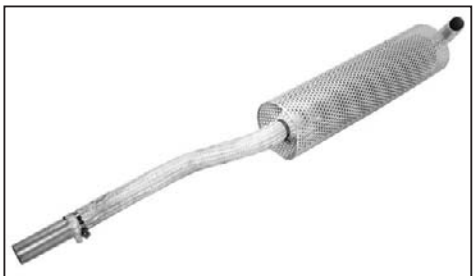
REF 105TA6849

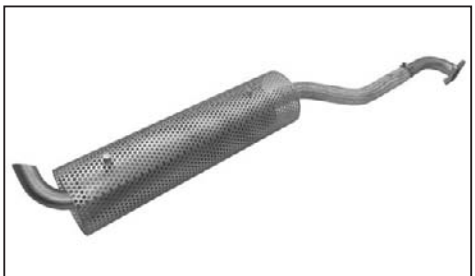
REF 123TA6074

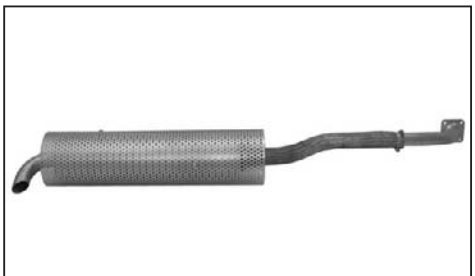
REF 124TA5190

REF 134TA7788

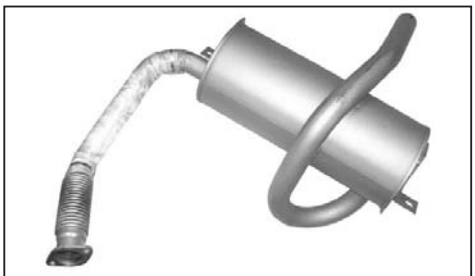
REF 134TA7975


REF 123TA6075


REF 134TA8146


REF 134TA7796

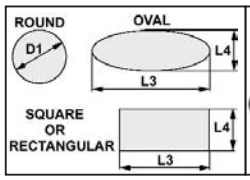
REF 106TA7307

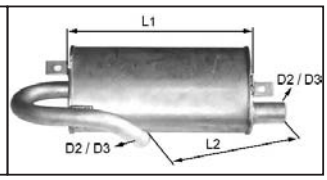

REF 134TA7950

REF 123TA9893

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: TCM

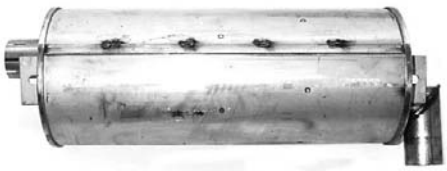




Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	500	590	250	57	61	104TA5943
Round	500	610	210	61	57	105TA6837
Round	500	630	210	57	60	105TA6812
Round	500	630	210	57	60	104TA5733
Round	500	635	208	53	56	104TA5993
Round	500	790	212	50	53	134TA8089
Round	502	650	199	57	61	118TA1275
Round	550	655	95	50	50	139TA1659
Round	580	550	150	63	63	105TA6748
Round	600	650	250	61	64	139TA1660
Round	600	735	258	85	85	134TA7892
Round	645	615	240	60	60	124TA5192

REF 104TA5943

REF 105TA6837

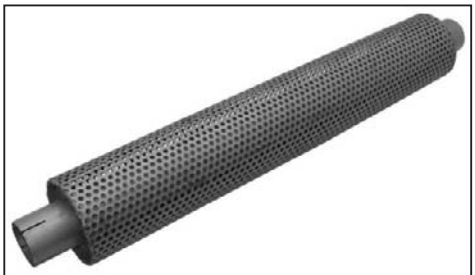

REF 105TA6812

REF 104TA5733

REF 104TA5993

REF 134TA8089

REF 118TA1275

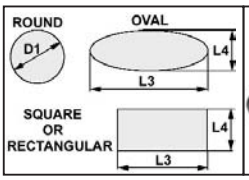

REF 139TA1659

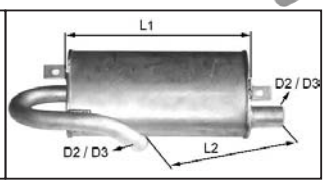
REF 105TA6748

REF 139TA1660

REF 134TA7892

REF 124TA5192

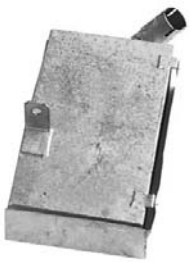




used for: TCM

Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	760	500	110	45	48	134TA7921
Rectangular	330	200	200 X 90	39	47	105TA6730

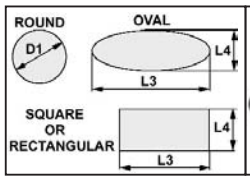
REF 134TA7921

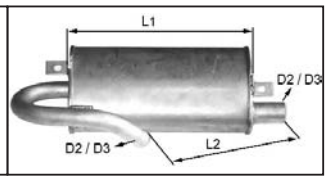


REF 105TA6730

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: TENNANT





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	435	515	200 X 90	47	51	134TA7736
Oval	445	555	190 X 117	38	45	134TA7895
Oval	457	245	180 X 81	38	46	139TA4639
Round	430	600	155	41	47	110TA9791
Round	460	590	165	50	50	134TA7970

REF 134TA7736

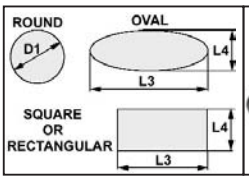
REF 134TA7895

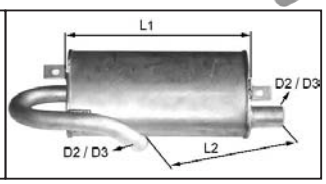
REF 139TA4639

REF 110TA9791

REF 134TA7970

used for: TEREX





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	395	925	200 X 127	50	60	134TA8078
Oval	404	1000	199 X 124	50	60	118TA1274
Oval	600	1530	215 X 150	70	70	134TA7866
Oval	700	890	243 X 140	76	76	139TA1661
Round	700	1060	170	60	84	139TA1662
Round	710	750	172	60	70	134TA8073

REF 134TA8078

REF 118TA1274

REF 134TA7866

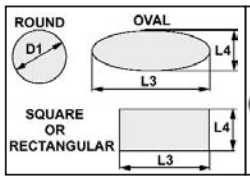
REF 139TA1661

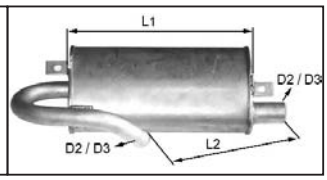
REF 139TA1662

REF 134TA8073

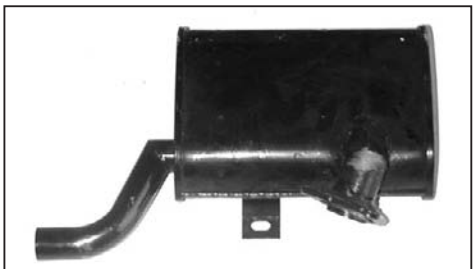
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

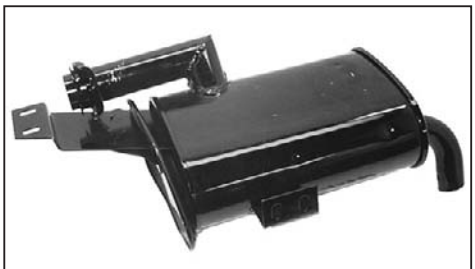
used for: TOYOTA





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	270	300	200 X 110	35	43	104TA5780
Oval	272	470	200 X 109	34	43	105TA6794
Oval	300	315	200 X 110	35	41	105TA6660
Oval	300	340	200 X 110	36	42	105TA6763
Oval	300	460	145 X 95	35	43	104TA5866
Oval	340	295	146 X 95	35	43	111TA3683
Oval	350	0	272 X 170	48	60	134TA7991
Oval	393	360	205 X 112	42	47	105TA6780
Oval	395	490	200 X 110	42	46	134TA7793
Oval	395	570	200 X 110	42	47	123TA9897
Oval	396	340	192 X 106	43	46	124TA1977
Oval	400	180	145 X 90	35	41	104TA5912


REF 104TA5780


REF 105TA6794

REF 105TA6660

REF 105TA6763

REF 104TA5866

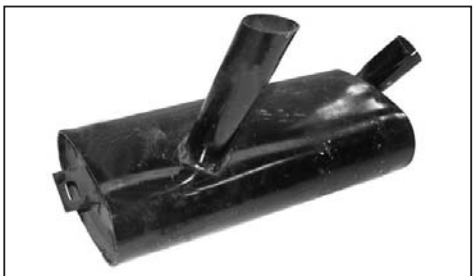
REF 111TA3683

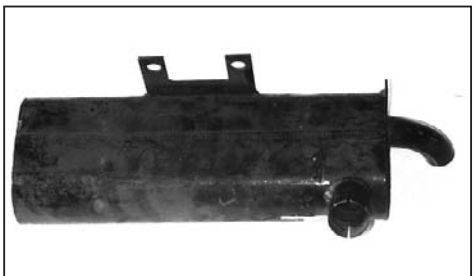
REF 134TA7991

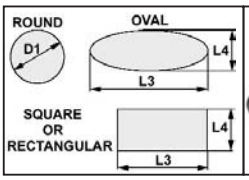
REF 105TA6780

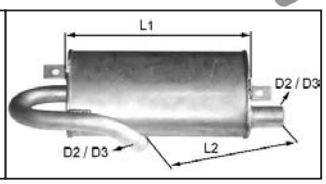
REF 134TA7793

REF 123TA9897


REF 124TA1977

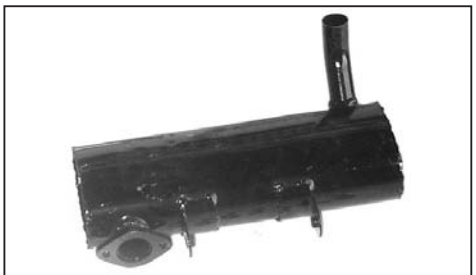

REF 104TA5912

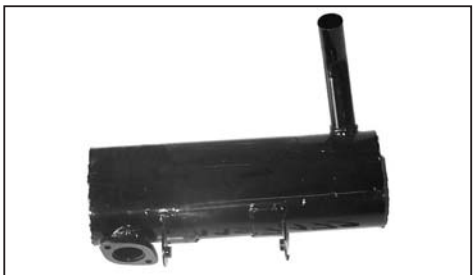




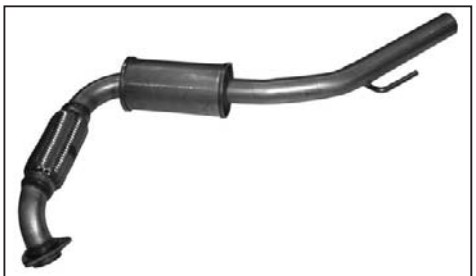
used for: TOYOTA

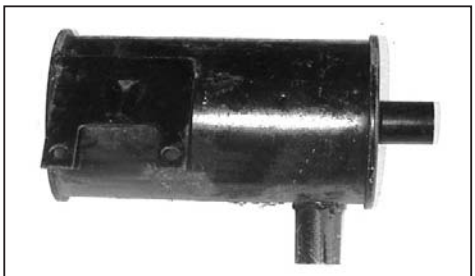
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	400	370	150 X 95	36	45	105TA6727
Oval	400	390	145 X 95	35	43	104TA5916
Oval	460	1100	203 X 101	39	48	124TA1980
Round	200	870	100	48	55	139TA1663
Round	280	130	150	38	40	104TA5771
Round	280	180	145	38	42	139TA1664
Round	280	250	160	38	42	105TA6749
Round	280	255	145	35	40	134TA8048
Round	280	260	150	38	41	123TA6077
Round	288	350	142	38	42	123TA6076
Round	318	428	154	43	45	134TA7749
Round	330	180	170	35	42	105TA6713


REF 105TA6727


REF 104TA5916

REF 124TA1980


REF 139TA1663


REF 104TA5771

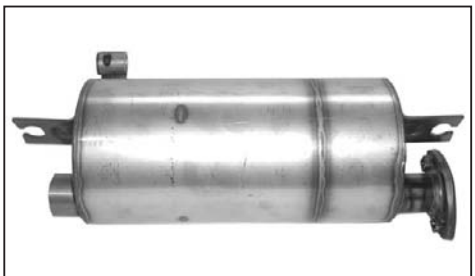
REF 139TA1664

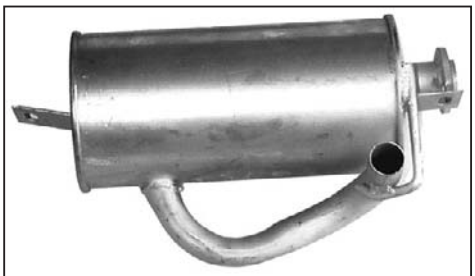
REF 105TA6749

REF 134TA8048

REF 123TA6077

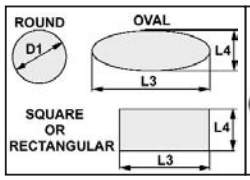
REF 123TA6076

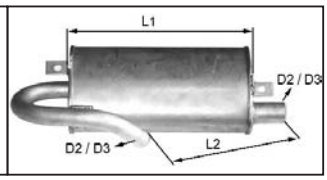

REF 134TA7749


REF 105TA6713

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: TOYOTA





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	330	220	190	38	42	106TA7326
Round	330	540	158	38	46	104TA5746
Round	330	645	80	40	45	139TA1665
Round	337	428	158	38	42	139TA4640
Round	340	170	170	36	46	104TA5839
Round	340	190	200	35	43	123TA6079
Round	340	210	165	38	42	134TA7977
Round	340	215	190	38	43	134TA7832
Round	340	230	159	38	43	110TA8569
Round	340	250	170	38	43	104TA5891
Round	340	250	190	38	42	106TA7304
Round	340	300	175	38	43	134TA7807

REF 106TA7326

REF 104TA5746

REF 139TA1665

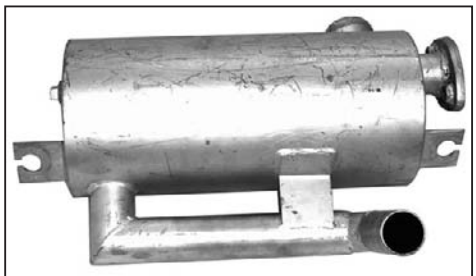
REF 139TA4640

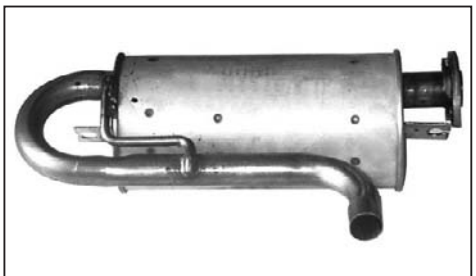
REF 104TA5839

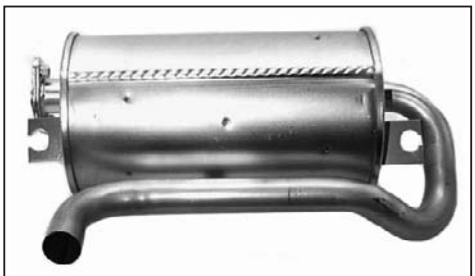
REF 123TA6079

REF 134TA7977

REF 134TA7832

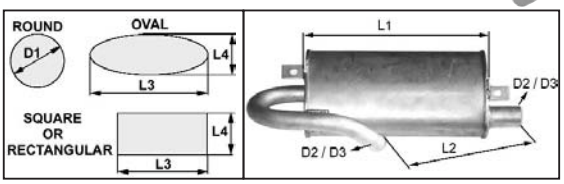

REF 110TA8569


REF 104TA5891


REF 106TA7304

REF 134TA7807

used for: TOYOTA



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	340	305	170	38	46	105TA6760
Round	340	310	160	38	46	124TA1984
Round	340	370	170	38	38	134TA7906
Round	340	410	190	38	43	104TA5929
Round	340	413	193	38	42	108TA4330
Round	340	420	162	38	45	110TA8562
Round	340	425	150	43	45	134TA7798
Round	340	425	200	42	45	134TA7665
Round	340	431	200	43	45	134TA7999
Round	340	432	193	38	43	110TA8570
Round	340	435	160	38	46	134TA7976
Round	340	440	194	38	43	118TA1331

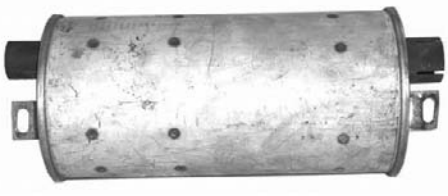
REF 105TA6760

REF 124TA1984

REF 134TA7906

REF 104TA5929

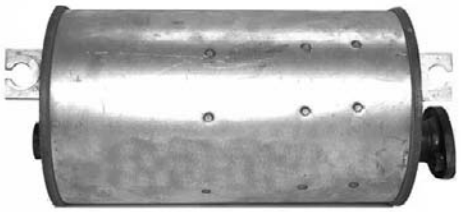
REF 108TA4330


REF 110TA8562

REF 134TA7798

REF 134TA7665

REF 134TA7999

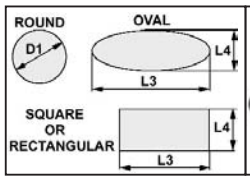

REF 110TA8570

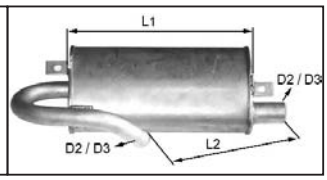
REF 134TA7976

REF 118TA1331

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: TOYOTA





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	340	450	162	37	38	105TA6823
Round	340	455	162	38	43	118TA1308
Round	340	480	170	38	38	104TA5896
Round	340	480	170	38	39	104TA5863
Round	340	515	165	37	42	134TA7956
Round	340	525	157	38	43	134TA8135
Round	340	550	163	38	43	123TA6081
Round	340	555	193	42	43	118TA1326
Round	340	560	170	38	47	108TA4313
Round	340	570	170	38	0	134TA8034
Round	340	570	170	38	42	139TA1666
Round	340	590	156	37	42	110TA8534

REF 105TA6823

REF 118TA1308

REF 104TA5896

REF 104TA5863

REF 134TA7956

REF 134TA8135

REF 123TA6081

REF 118TA1326

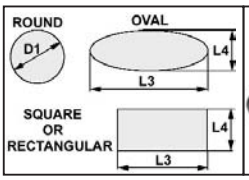
REF 108TA4313

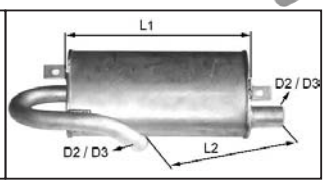
REF 134TA8034

REF 139TA1666

REF 110TA8534

used for: TOYOTA





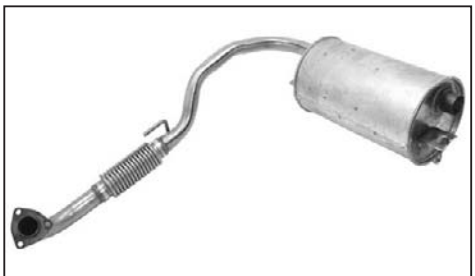
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	340	600	200	42	42	124TA2821
Round	340	605	157	38	42	110TA8580
Round	340	720	170	38	46	134TA7813
Round	340	835	195	43	45	123TA6082
Round	340	880	200	43	45	124TA7182
Round	340	920	195	43	45	134TA7799
Round	340	955	185	42	45	134TA8086
Round	340	970	192	43	45	123TA9894
Round	340	1020	200	43	45	123TA6083
Round	340	1030	200	41	45	134TA7986
Round	340	1040	195	43	46	123TA6084
Round	342	400	200	42	42	123TA6085

REF 124TA2821

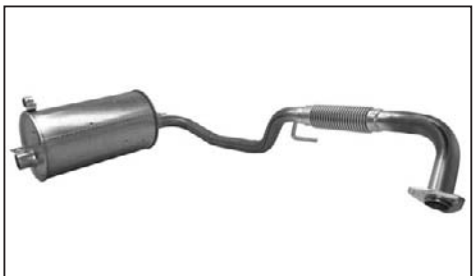
REF 110TA8580

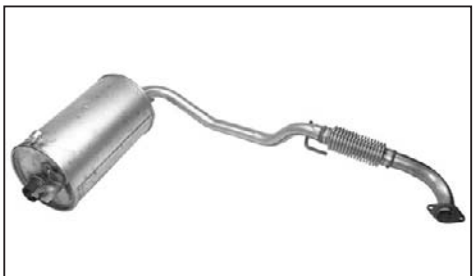
REF 134TA7813

REF 123TA6082

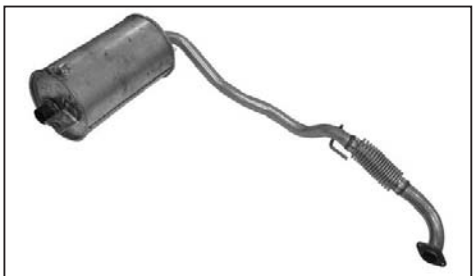

REF 124TA7182

REF 134TA7799


REF 134TA8086


REF 123TA9894

REF 123TA6083

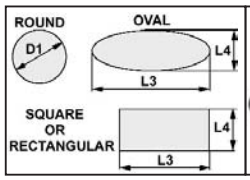

REF 134TA7986

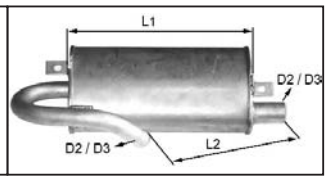
REF 123TA6084

REF 123TA6085

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: TOYOTA





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	342	518	193	45	48	108TA4292
Round	345	380	162	38	38	108TA4341
Round	345	700	165	38	47	104TA5878
Round	345	900	200	38	43	123TA9898
Round	410	260	152	35	52	124TA1978
Round	410	260	160	35	52	105TA6741
Round	410	440	160	36	51	105TA6775
Round	420	500	170	43	47	104TA5747
Round	420	520	193	42	47	105TA6821
Round	420	725	170	42	47	134TA7931
Round	480	620	160	43	48	105TA6735
Round	480	725	152	47	47	118TA1269

REF 108TA4292

REF 108TA4341

REF 104TA5878

REF 123TA9898

REF 124TA1978

REF 105TA6741

REF 105TA6775

REF 104TA5747

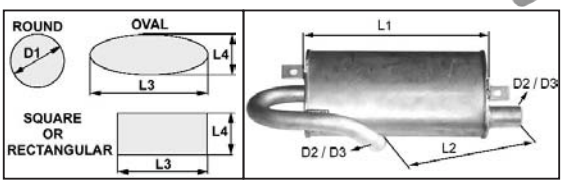
REF 105TA6821

REF 134TA7931

REF 105TA6735

REF 118TA1269

used for: TOYOTA



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	500	630	140	38	45	104TA5760
Round	530	760	225	57	61	104TA5968
Round	597	720	163	43	43	134TA8072
Round	600	580	160	42	51	105TA6776
Round	665	875	245	75	75	139TA1667
Round	700	150	160	42	61	105TA6692
Round	700	240	160	43	62	134TA7873
Round	710	1130	40	38	42	105TA6669
Round	795	1000	152	61	69	105TA6792
Round	795	1006	155	60	67	108TA4324
Round	795	1020	160	60	68	134TA7776
Round	795	1025	153	61	67	118TA1364

REF 104TA5760

REF 104TA5968

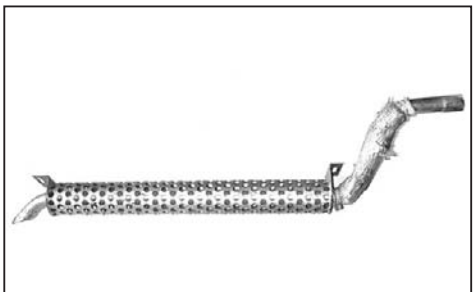
REF 134TA8072

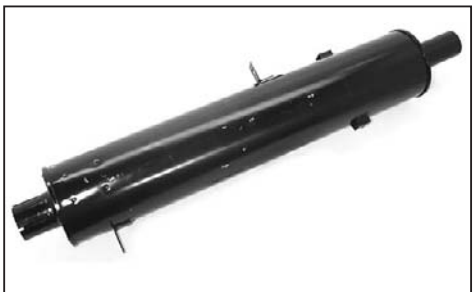
REF 105TA6776

REF 139TA1667

REF 105TA6692

REF 134TA7873


REF 105TA6669


REF 105TA6792

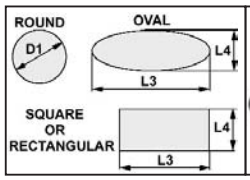
REF 108TA4324

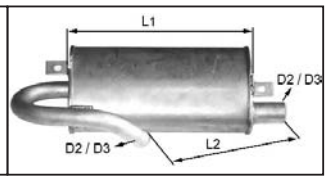
REF 134TA7776

REF 118TA1364

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: TOYOTA



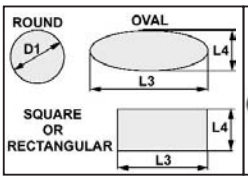


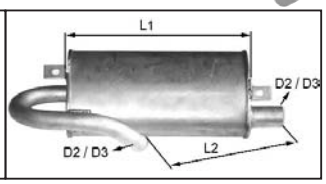
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	910	1190	100	52	58	139TA4641
Round	960	1150	110	60	130	134TA8065
Round	1055	1155	122	50	50	139TA4642

REF 139TA4641

REF 134TA8065

REF 139TA4642





used for: UPRIGHT

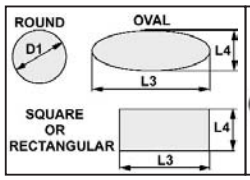
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	245	355	90	35	48	139TA1668
Round	450	575	84	32	53	134TA7945

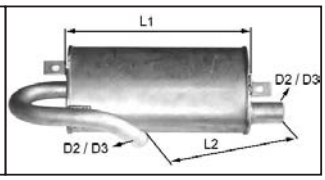
REF 139TA1668

REF 134TA7945

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

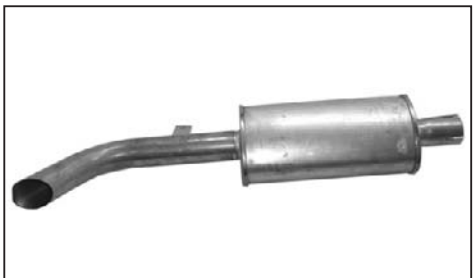
used for: YALE





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	294	820	145 X 93	50	52	139TA4643
Oval	296	685	138 X 85	52	52	118TA1341
Oval	347	187	143 X 92	35	39	139TA1669
Oval	350	238	139 X 85	35	38	123TA6086
Oval	350	320	215 X 137	38	43	139TA4644
Oval	380	218	200 X 105	32	45	134TA7649
Oval	380	570	250 X 130	45	45	123TA6088
Oval	385	645	250 X 135	48	45	108TA4348
Oval	490	580	210 X 120	55	56	123TA6093
Oval	1100	220	280 X 130	68	70	106TA5008
Round	158	1020	101	38	45	106TA5009
Round	159	1040	101	39	45	105TA6803

REF 139TA4643


REF 118TA1341

REF 139TA1669

REF 123TA6086

REF 139TA4644

REF 134TA7649

REF 123TA6088

REF 108TA4348

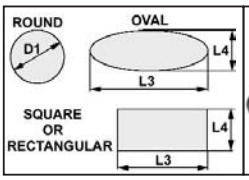
REF 123TA6093

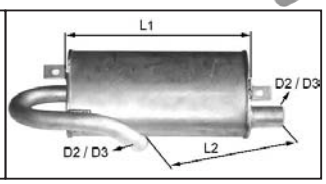
REF 106TA5008

REF 106TA5009

REF 105TA6803

used for: YALE





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	160	760	100	35	39	105TA6675
Round	160	765	101	38	38	108TA4334
Round	160	780	100	35	38	106TA7319
Round	160	1010	100	39	45	105TA6666
Round	160	1030	100	39	46	106TA7312
Round	160	1050	102	38	45	123TA6109
Round	250	25	205	54	54	134TA8082
Round	258	145	206	41	41	134TA8050
Round	290	480	160	50	50	104TA5755
Round	300	177	145	42	42	134TA7898
Round	300	260	145	42	42	134TA7805
Round	300	385	125	76	76	134TA8053

REF 105TA6675

REF 108TA4334

REF 106TA7319

REF 105TA6666

REF 106TA7312

REF 123TA6109

REF 134TA8082

REF 134TA8050

REF 104TA5755

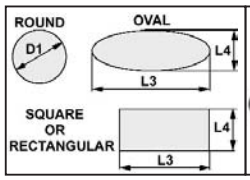
REF 134TA7898

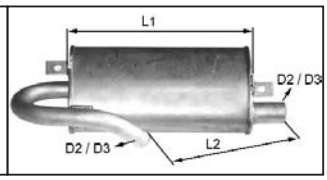
REF 134TA7805

REF 134TA8053

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

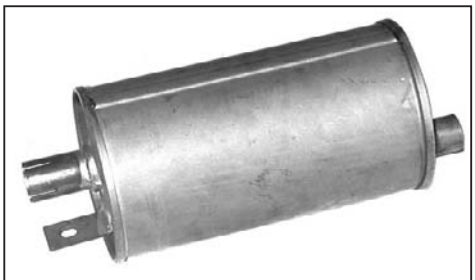
used for: YALE





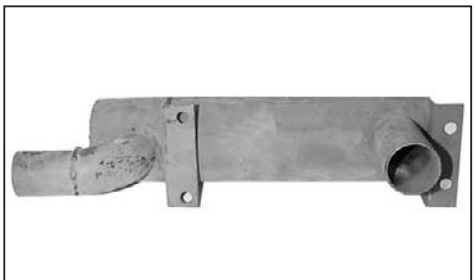
Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	300	400	165	35	38	134TA7561
Round	300	400	170	35	38	134TA7578
Round	300	405	160	35	39	134TA8008
Round	300	425	145	42	42	134TA7900
Round	355	342	91	44	50	108TA4337
Round	360	0	155	42	0	139TA1672
Round	375	125	230	42	42	134TA7845
Round	380	120	185	42	42	105TA6681
Round	380	195	190	42	42	105TA6703
Round	383	120	199	42	42	110TA8581
Round	385	0	155	41	0	124TA7180
Round	400	40	216	55	0	139TA1673

REF 134TA7561


REF 134TA7578

REF 134TA8008

REF 134TA7900


REF 108TA4337

REF 139TA1672

REF 134TA7845

REF 105TA6681

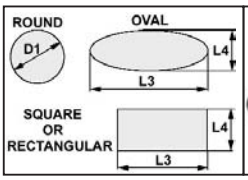
REF 105TA6703

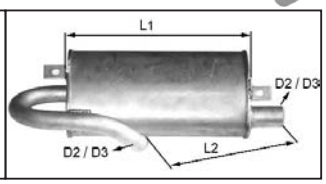
REF 110TA8581

REF 124TA7180

REF 139TA1673

used for: YALE





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	400	325	200	54	54	134TA8091
Round	400	340	215	55	55	134TA7779
Round	400	400	180	44	55	123TA6108
Round	400	540	160	45	45	105TA6753
Round	400	600	208	44	54	106TA4995
Round	410	390	255	54	54	134TA8004
Round	412	390	255	54	54	134TA8003
Round	430	570	150	35	38	104TA5765
Round	435	140	129	0	55	139TA4651
Round	500	670	210	48	52	134TA7874
Round	550	425	146	54	54	123TA6102
Round	690	1060	75	50	55	139TA4652

REF 134TA8091

REF 134TA7779

REF 123TA6108

REF 105TA6753

REF 106TA4995

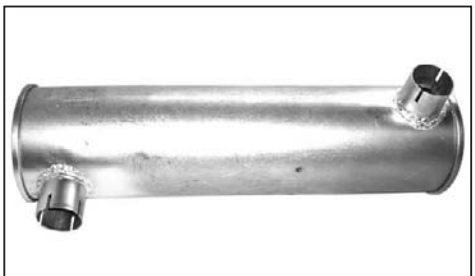
REF 134TA8004

REF 134TA8003

REF 104TA5765

REF 139TA4651

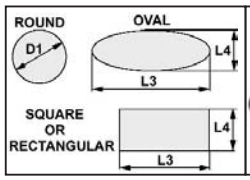
REF 134TA7874

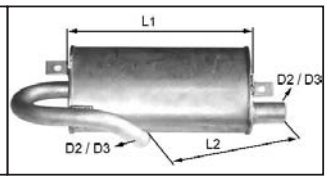

REF 123TA6102

REF 139TA4652

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: YALE





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Round	740	1042	100	38	54	105TA6790
Round	760	840	130	54	54	123TA6111
Round	768	920	132	45	54	104TA5992
Round	880	1020	76	42	56	105TA6863
Round	1073	1110	90	43	49	106TA6309
Round	1120	870	195	67	68	123TA6104

REF 105TA6790

REF 123TA6111

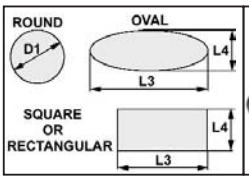
REF 104TA5992

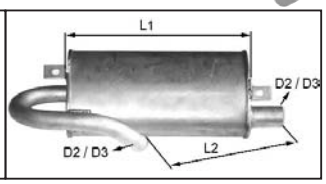
REF 105TA6863

REF 106TA6309

REF 123TA6104

used for: YANG - YAM - PUMA





Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4	Smallest outer dia. tube (mm) D2	Largest outer dia. tube (mm) D3	REF
Oval	335	275	230 X 127	42	45	123TA9892
Oval	390	250	230 X 155	50	54	134TA7919
Oval	392	255	232 X 156	51	55	134TA7863
Oval	396	615	271 X 180	42	54	139TA1674
Round	330	300	130	41	46	106TA7330

REF 123TA9892

REF 134TA7919

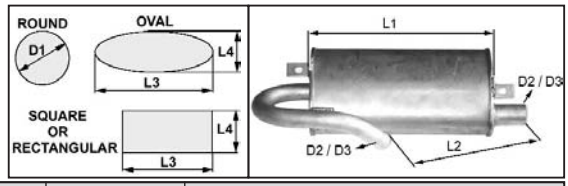
REF 134TA7863

REF 139TA1674

REF 106TA7330

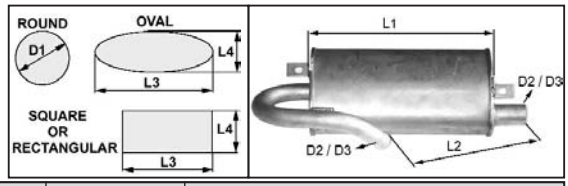
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4			Smallest outer Ø tube (mm) D2	Largest outer Ø tube (mm) D3	REF	For picture see make
Oval	200	288		144	93	42	42	134TA7806	NISSAN
Oval	220	260		210	115	42	64	134TA8044	SALEV
Oval	245	305		122	90	40	45	105TA6782	OM PIMESPO
Oval	245	350		125	86	40	40	105TA6657	OM PIMESPO
Oval	250	150		230	160	48	53	104TA5790	CLARK-SAMSUNG
Oval	255	147		227	152	48	50	105TA6850	CLARK-SAMSUNG
Oval	260	165		235	125	52	60	134TA8122	LINDE-LANSING
Oval	268	600		160	80	64	64	139TA1514	JCB
Oval	270	300		200	110	35	43	104TA5780	TOYOTA
Oval	270	430		120	100	38	41	105TA6744	OM PIMESPO
Oval	270	450		120	90	40	40	105TA6706	OM PIMESPO
Oval	270	460		172	97	64	68	134TA8127	JCB
Oval	270	500		120	90	40	40	104TA5808	OM PIMESPO
Oval	272	470		200	109	34	43	105TA6794	TOYOTA
Oval	282	15		244	137	38	48	139TA4613	KOMATSU
Oval	282	450		207	98	47	48	111TA2240	SANDERSON
Oval	285	240		265	140	45	49	139TA1558	MITSUBISHI-CATERPILLAR
Oval	290	580		280	140	64	76	134TA8058	JCB
Oval	294	820		145	93	50	52	139TA4643	YALE
Oval	295	600		285	155	60	77	139TA1515	JCB
Oval	295	685		290	150	60	76	139TA1516	JCB
Oval	296	685		138	85	52	52	118TA1341	YALE
Oval	297	475		165	113	60	100	118TA1335	MANITOU
Oval	298	450		150	104	51	51	134TA7825	MANITOU
Oval	300	150		135	85	32	39	139TA4625	NISSAN
Oval	300	255		210	110	32	46	134TA7653	MOFFETT
Oval	300	315		200	110	35	41	105TA6660	TOYOTA
Oval	300	340		200	110	36	42	105TA6763	TOYOTA
Oval	300	460		145	95	35	43	104TA5866	TOYOTA
Oval	300	565		205	110	35	46	134TA7952	MOFFETT
Oval	305	325		140	225	44	48	139TA1517	JCB
Oval	305	390		230	120	38	52	118TA1267	LINDE-LANSING
Oval	305	497		218	140	45	45	139TA1518	JCB
Oval	310	140		190	100	48	50	118TA1190	LINDE-LANSING
Oval	310	310		190	100	47	52	104TA5809	LINDE-LANSING
Oval	310	380		190	100	42	42	104TA5817	LINDE-LANSING
Oval	310	400		190	100	47	50	104TA5810	LINDE-LANSING
Oval	310	440		230	160	48	52	104TA5799	CLARK-SAMSUNG
Oval	310	450		230	165	48	52	104TA5888	CLARK-SAMSUNG
Oval	310	590		190	100	46	49	118TA1212	LINDE-LANSING
Oval	320	410		150	75	40	45	134TA8029	AUSA
Oval	320	480		170	80	40	41	134TA8026	AUSA
Oval	320	485		212	118	48	49	108TA4365	FENWICK & PEG
Oval	320	490		350	160	50	67	104TA5955	HYSTER
Oval	320	780		150	80	40	50	134TA7998	AUSA
Oval	322	550		150	78	40	45	134TA8057	AUSA
Oval	325	310		225	145	49	51	134TA7990	JCB
Oval	325	515		149	80	35	46	139TA1469	AUSA
Oval	328	625		240	135	43	47	110TA8579	NISSAN
Oval	330	50		190	100	36	42	139TA1633	STILL
Oval	330	132		242	130	38	43	139TA1588	NISSAN
Oval	330	225		230	127	42	45	134TA8102	TAILIFT
Oval	330	250		230	125	42	45	134TA7840	TAILIFT
Oval	330	410		240	140	40	42	134TA8043	NISSAN
Oval	330	440		242	136	43	47	105TA6656	NISSAN
Oval	330	450		245	135	42	42	134TA7790	NISSAN
Oval	330	460		242	130	43	47	105TA6822	NISSAN
Oval	330	460		250	140	43	46	104TA5840	NISSAN

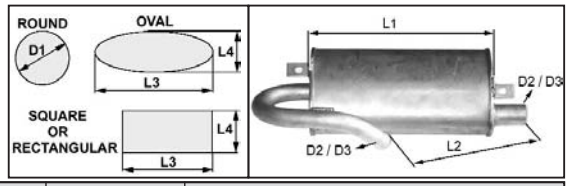
Complete range



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4			Smallest outer Ø tube (mm) D2	Largest outer Ø tube (mm) D3	REF	For picture see make
Oval	330	460		330	136	38	42	134TA7932	NISSAN
Oval	330	490		245	135	40	42	134TA7861	NISSAN
Oval	330	495		242	127	42	47	105TA6817	NISSAN
Oval	330	515		240	135	42	48	124TA5197	NISSAN
Oval	330	530		243	136	41	41	134TA8019	NISSAN
Oval	330	555		250	135	41	41	123TA6058	NISSAN
Oval	330	630		245	135	41	45	134TA7860	NISSAN
Oval	330	655		135	245	38	43	134TA7979	NISSAN
Oval	330	655		240	136	43	47	108TA4356	NISSAN
Oval	330	660		247	139	42	42	139TA1589	NISSAN
Oval	330	710		245	135	42	42	134TA7855	NISSAN
Oval	330	715		235	140	42	46	134TA8107	TAILIFT
Oval	330	825		240	130	43	60	134TA7939	NISSAN
Oval	330	937		244	136	40	42	134TA8071	NISSAN
Oval	330	985		242	131	40	43	118TA1292	NISSAN
Oval	330	1110		245	135	41	47	139TA1590	NISSAN
Oval	330	1245		245	140	42	47	123TA6059	NISSAN
Oval	332	280		227	127	45	46	139TA4636	TAILIFT
Oval	332	360		240	137	42	42	134TA7984	NISSAN
Oval	332	480		242	132	42	47	110TA8582	NISSAN
Oval	332	510		243	138	42	42	134TA8115	NISSAN
Oval	332	525		245	135	40	42	134TA7938	NISSAN
Oval	335	275		230	127	42	45	123TA9892	YANG - YAM - PUMA
Oval	335	310		225	125	42	46	134TA7857	TAILIFT
Oval	335	550		245	135	40	42	134TA7937	NISSAN
Oval	335	640		243	131	41	42	110TA9630	NISSAN
Oval	337	482		131	79	38	42	108TA4294	COVENTRY CLIMAX
Oval	340	295		146	95	35	43	111TA3683	TOYOTA
Oval	340	300		200	165	30	45	134TA7837	JLG
Oval	340	775		270	180	42	44	134TA7994	TAILIFT
Oval	341	400		205	103	49	51	139TA4607	JCB
Oval	345	415		150	95	38	47	134TA8063	NISSAN
Oval	345	550		195	110	50	55	124TA1979	MANITOU
Oval	345	1450		220	140	62	62	134TA8030	JCB
Oval	347	187		143	92	35	39	139TA1669	YALE
Oval	350	0		272	170	48	60	134TA7991	TOYOTA
Oval	350	150		305	148	51	58	105TA6807	NISSAN
Oval	350	155		214	122	38	42	134TA7774	MITSUBISHI-CATERPILLAR
Oval	350	180		175	150	53	0	139TA4586	HAULOTTE
Oval	350	215		310	165	50	58	105TA6836	NISSAN
Oval	350	238		139	85	35	38	123TA6086	YALE
Oval	350	265		144	92	35	42	105TA6662	TCM
Oval	350	310		142	90	35	47	105TA6773	NISSAN
Oval	350	320		215	137	38	43	139TA4644	YALE
Oval	350	340		140	90	37	42	104TA5772	NISSAN
Oval	350	370		210	140	38	38	139TA1596	OM PIMESPO
Oval	350	380		215	135	38	38	139TA1597	OM PIMESPO
Oval	350	380		220	140	38	38	139TA1598	OM PIMESPO
Oval	350	380		220	140	38	38	139TA1599	OM PIMESPO
Oval	350	385		230	175	69	76	139TA1519	JCB
Oval	350	410		138	85	35	38	124TA1988	NISSAN
Oval	350	425		312	170	50	55	134TA7972	OM PIMESPO
Oval	350	430		193	102	38	42	134TA7674	MITSUBISHI-CATERPILLAR
Oval	350	480		270	170	48	60	134TA8001	MANITOU
Oval	350	497		218	138	38	42	134TA8076	KOMATSU
Oval	350	575		200	105	50	60	134TA7831	MANITOU
Oval	350	590		140	90	35	47	134TA8012	NISSAN
Oval	350	700		225	175	63	78	139TA1520	JCB

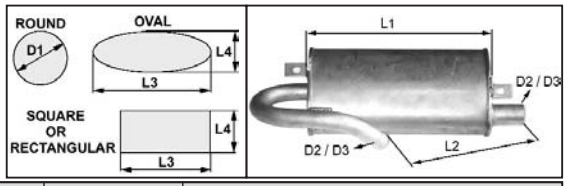
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4			Smallest outer Ø tube (mm) D2	Largest outer Ø tube (mm) D3	REF	For picture see make
Oval	350	705		220	140	38	42	139TA1600	OM PIMESPO
Oval	350	720		220	140	38	41	134TA7913	KOMATSU
Oval	350	810		200	105	50	55	108TA4343	MANITOU
Oval	351	455		191	103	37	41	124TA7177	MITSUBISHI-CATERPILLAR
Oval	355	470		210	130	50	56	123TA9891	MITSUBISHI-CATERPILLAR
Oval	355	715		220	165	65	77	139TA1521	JCB
Oval	360	325		275	140	51	51	124TA7571	CLARK-SAMSUNG
Oval	373	445		240	130	44	46	108TA8871	TCM
Oval	380	150		207	135	42	49	139TA1654	TCM
Oval	380	200		250	135	42	47	134TA7819	TCM
Oval	380	218		200	105	32	45	134TA7649	YALE
Oval	380	330		240	135	38	45	139TA4584	HANGZHOU / HC / HANGCHA
Oval	380	345		250	140	43	46	123TA6069	TCM
Oval	380	360		170	105	42	48	118TA1261	COVENTRY CLIMAX
Oval	380	570		250	130	45	45	123TA6088	YALE
Oval	380	630		206	126	38	42	134TA7885	TCM
Oval	380	630		240	135	42	45	139TA4585	HANGZHOU / HC / HANGCHA
Oval	380	640		240	130	40	40	139TA4626	NISSAN
Oval	380	645		210	130	38	42	134TA7886	TCM
Oval	380	645		240	135	40	40	139TA4627	NISSAN
Oval	380	675		235	144	42	47	139TA1475	BAOLI
Oval	380	745		233	137	46	50	139TA4588	HELI
Oval	380	753		246	138	38	41	105TA6661	TCM
Oval	380	760		234	138	42	47	134TA8075	HELI
Oval	380	785		245	140	38	41	134TA7820	TCM
Oval	380	790		230	140	43	43	134TA8016	HELI
Oval	380	850		245	135	35	40	139TA4628	NISSAN
Oval	380	900		245	135	35	40	139TA4629	NISSAN
Oval	382	427		162	91	38	41	118TA1257	COVENTRY CLIMAX
Oval	382	530		157	94	49	49	124TA7185	COVENTRY CLIMAX
Oval	382	790		244	130	38	41	110TA8583	TCM
Oval	385	585		265	139	40	40	134TA7896	LINDE-LANSING
Oval	385	645		250	135	48	45	108TA4348	YALE
Oval	390	250		230	155	50	54	134TA7919	YANG - YAM - PUMA
Oval	390	470		210	110	38	42	134TA7621	TCM
Oval	390	630		210	110	37	42	139TA4637	TCM
Oval	390	970		230	113	51	52	105TA6813	MANITOU
Oval	392	255		232	156	51	55	134TA7863	YANG - YAM - PUMA
Oval	393	360		205	112	42	47	105TA6780	TOYOTA
Oval	394	510		200	101	33	46	118TA1246	TCM
Oval	395	100		210	120	38	47	104TA5991	TCM
Oval	395	460		210	110	40	50	134TA8042	HELI
Oval	395	490		200	110	42	46	134TA7793	TOYOTA
Oval	395	570		200	110	42	47	123TA9897	TOYOTA
Oval	395	570		205	112	37	47	123TA6060	NISSAN
Oval	395	925		200	127	50	60	134TA8078	TEREX
Oval	396	340		192	106	43	46	124TA1977	TOYOTA
Oval	396	615		271	180	42	54	139TA1674	YANG - YAM - PUMA
Oval	398	430		270	140	40	40	134TA8031	LINDE-LANSING
Oval	398	455		204	105	35	45	105TA6840	NISSAN
Oval	398	880		230	105	38	47	134TA7678	TCM
Oval	399	555		200	110	38	47	108TA4289	NISSAN
Oval	400	180		145	90	35	41	104TA5912	TOYOTA
Oval	400	190		210	110	42	46	134TA7907	TCM
Oval	400	210		205	125	46	39	124TA7569	TCM
Oval	400	230		200	115	39	48	104TA5887	TCM
Oval	400	310		208	111	42	46	105TA6772	TCM
Oval	400	310		210	120	39	47	134TA7572	TCM

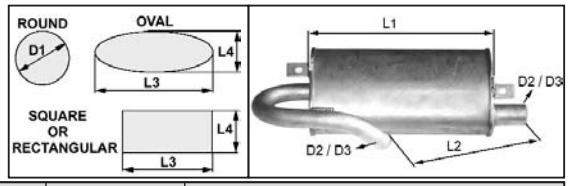
Complete range



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4			Smallest outer Ø tube (mm) D2	Largest outer Ø tube (mm) D3	REF	For picture see make
Oval	400	335		210	117	42	46	134TA8108	HELI
Oval	400	350		105	200	38	60	134TA7940	NISSAN
Oval	400	370		150	95	36	45	105TA6727	TOYOTA
Oval	400	390		145	95	35	43	104TA5916	TOYOTA
Oval	400	430		206	112	38	46	105TA6658	TCM
Oval	400	435		265	140	35	40	123TA6043	LINDE-LANSING
Oval	400	435		270	130	35	40	123TA6044	LINDE-LANSING
Oval	400	435		280	140	40	40	134TA7870	LINDE-LANSING
Oval	400	440		200	105	38	42	139TA4630	NISSAN
Oval	400	440		220	110	38	60	108TA4355	NISSAN
Oval	400	440		260	140	40	40	118TA1195	LINDE-LANSING
Oval	400	450		207	113	38	43	139TA1591	NISSAN
Oval	400	460		200	105	38	47	134TA8126	NISSAN
Oval	400	480		210	110	38	41	104TA5798	NISSAN
Oval	400	500		210	105	38	45	123TA6061	NISSAN
Oval	400	510		200	110	38	47	104TA5901	NISSAN
Oval	400	512		204	104	35	45	108TA8870	TCM
Oval	400	515		205	110	35	45	134TA7703	TCM
Oval	400	550		210	110	38	42	134TA7590	TCM
Oval	400	590		210	110	38	47	134TA7581	NISSAN
Oval	400	610		210	115	38	42	104TA5739	NISSAN
Oval	400	620		210	105	38	45	134TA7777	TCM
Oval	400	625		230	135	42	50	139TA4589	HELI
Oval	400	650		205	110	38	42	134TA7611	TCM
Oval	400	650		210	110	38	47	104TA5744	NISSAN
Oval	400	680		205	110	38	42	105TA6700	NISSAN
Oval	400	760		205	115	38	42	104TA5873	NISSAN
Oval	400	950		210	110	38	42	104TA5786	NISSAN
Oval	401	620		203	102	39	42	118TA1360	NISSAN
Oval	404	1000		199	124	50	60	118TA1274	TEREX
Oval	405	680		170	90	52	52	134TA7775	KOMATSU
Oval	408	350		145	87	42	51	106TA7306	LINDE-LANSING
Oval	410	480		150	95	38	42	104TA5926	LINDE-LANSING
Oval	410	532		194	100	45	49	118TA1264	LINDE-LANSING
Oval	410	548		254	160	54	59	134TA8010	MANITOU
Oval	410	570		150	100	36	42	104TA5811	LINDE-LANSING
Oval	410	775		160	90	44	49	134TA8054	MANITOU
Oval	415	440		200	127	60	62	139TA1486	CLARK-SAMSUNG
Oval	420	470		166	112	42	46	105TA6852	STILL
Oval	420	1010		240	130	51	52	134TA8060	HANGZHOU / HC / HANGCHA
Oval	435	515		200	90	47	51	134TA7736	TENNANT
Oval	440	720		180	90	43	45	118TA1186	LINDE-LANSING
Oval	445	555		190	117	38	45	134TA7895	TENNANT
Oval	445	590		200	105	63	73	139TA1522	JCB
Oval	448	540		215	103	42	46	139TA1634	STILL
Oval	450	165		195	170	22	45	134TA7838	JLG
Oval	450	210		180	90	43	46	139TA1635	STILL
Oval	450	440		190	130	48	53	104TA5849	CLARK-SAMSUNG
Oval	450	450		190	110	50	55	108TA4312	MITSUBISHI-CATERPILLAR
Oval	450	470		220	110	42	46	139TA1636	STILL
Oval	450	490		240	110	50	50	118TA1196	LINDE-LANSING
Oval	450	525		200	110	46	46	139TA1637	STILL
Oval	450	570		240	100	60	60	118TA1194	LINDE-LANSING
Oval	450	580		215	105	64	64	134TA7808	JCB
Oval	450	615		225	110	43	46	139TA1638	STILL
Oval	450	650		190	100	42	45	118TA1200	LINDE-LANSING
Oval	450	880		177	100	42	47	118TA1271	KOMATSU
Oval	452	460		224	142	51	51	118TA1302	CLARK-SAMSUNG

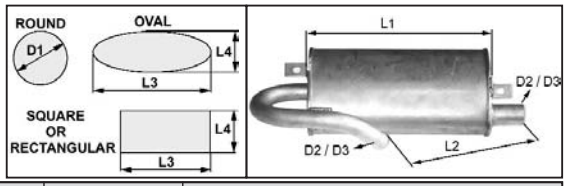
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4			Smallest outer Ø tube (mm) D2	Largest outer Ø tube (mm) D3	REF	For picture see make
Oval	453	745		235	130	63	65	134TA8142	MANITOU
Oval	455	85		210	140	51	52	134TA8000	HYSTER
Oval	455	160		200	105	42	44	134TA8094	MOFFETT
Oval	455	435		185	135	48	52	124TA7566	HYSTER
Oval	457	175		203	106	42	45	123TA6051	MANITOU
Oval	457	245		180	81	38	46	139TA4639	TENNANT
Oval	460	1100		203	101	39	48	124TA1980	TOYOTA
Oval	460	1325		203	104	51	64	124TA7186	COVENTRY CLIMAX
Oval	470	975		230	116	63	90	139TA1561	MITSUBISHI-CATERPILLAR
Oval	475	220		205	120	45	54	134TA7880	CLARK-SAMSUNG
Oval	480	710		227	121	50	55	123TA9882	OM PIMESPO
Oval	480	710		228	118	50	55	110TA8585	OM PIMESPO
Oval	485	455		205	128	49	51	105TA6832	HYSTER
Oval	490	580		210	120	55	56	123TA6093	YALE
Oval	495	250		255	150	51	51	105TA6723	MITSUBISHI-CATERPILLAR
Oval	500	0		240	160	63	67	134TA7936	HYUNDAI
Oval	500	560		285	145	62	62	139TA1523	JCB
Oval	500	717		187	99	45	50	118TA1318	OM PIMESPO
Oval	500	750		190	100	45	49	105TA6709	OM PIMESPO
Oval	505	0		140	90	55	0	106TA7328	LINDE-LANSING
Oval	505	475		237	174	65	65	118TA1285	CLARK-SAMSUNG
Oval	505	500		237	174	65	65	118TA1279	CLARK-SAMSUNG
Oval	505	610		244	150	60	65	134TA7681	MITSUBISHI-CATERPILLAR
Oval	505	620		240	160	63	68	139TA1510	HYUNDAI
Oval	507	78		215	120	51	55	110TA8571	MITSUBISHI-CATERPILLAR
Oval	510	80		210	120	50	55	104TA5838	MITSUBISHI-CATERPILLAR
Oval	510	250		245	150	50	50	104TA5851	MITSUBISHI-CATERPILLAR
Oval	510	610		244	149	50	50	123TA6009	MITSUBISHI-CATERPILLAR
Oval	510	670		230	105	51	51	134TA7989	MITSUBISHI-CATERPILLAR
Oval	515	31		238	130	51	54	118TA1357	MITSUBISHI-CATERPILLAR
Oval	515	495		305	220	105	106	139TA4621	MITSUBISHI-CATERPILLAR
Oval	515	617		211	123	45	49	139TA1562	MITSUBISHI-CATERPILLAR
Oval	515	735		182	95	39	42	139TA1563	MITSUBISHI-CATERPILLAR
Oval	520	730		210	125	45	48	139TA1564	MITSUBISHI-CATERPILLAR
Oval	530	0		170	270	63	75	134TA8007	MANITOU
Oval	530	600		205	130	51	51	118TA1289	CLARK-SAMSUNG
Oval	530	790		210	125	61	71	134TA8141	MERLO
Oval	540	185		235	145	50	60	134TA7948	LINDE-LANSING
Oval	540	190		145	230	49	61	134TA7967	LINDE-LANSING
Oval	540	400		230	146	50	50	134TA7951	LINDE-LANSING
Oval	540	520		228	170	50	50	134TA8045	LINDE-LANSING
Oval	540	680		285	170	50	50	134TA7803	LINDE-LANSING
Oval	540	1430		210	122	47	70	134TA7872	MERLO
Oval	542	528		285	169	50	52	118TA1290	LINDE-LANSING
Oval	543	680		285	170	50	50	134TA8093	LINDE-LANSING
Oval	544	413		285	170	50	60	139TA4634	STILL
Oval	545	520		285	170	50	50	134TA7836	LINDE-LANSING
Oval	545	690		285	170	50	50	124TA7187	LINDE-LANSING
Oval	555	1100		215	120	48	70	139TA1555	MERLO
Oval	558	95		255	111	54	54	118TA1307	CLARK-SAMSUNG
Oval	560	135		204	105	41	51	108TA4319	KOMATSU
Oval	560	135		305	180	49	51	123TA9890	LINDE-LANSING
Oval	560	145		305	181	52	49	139TA1544	LINDE-LANSING
Oval	560	160		305	180	50	52	118TA1218	LINDE-LANSING
Oval	560	170		300	185	52	60	118TA1205	LINDE-LANSING
Oval	560	350		200	100	41	48	134TA7670	KOMATSU
Oval	560	505		195	105	50	55	134TA8023	MANITOU
Oval	560	790		210	120	60	70	139TA1556	MERLO

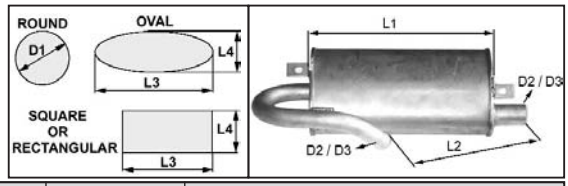
Complete range



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1	or L3	x L4	Smallest outer Ø tube (mm) D2	Largest outer Ø tube (mm) D3	REF	For picture see make
Oval	565	690		230	160	53	60	118TA1204	LINDE-LANSING
Oval	565	695		235	160	54	60	123TA6046	LINDE-LANSING
Oval	577	490		177	102	42	55	134TA7685	KOMATSU
Oval	580	245		250	128	51	54	139TA1511	HYUNDAI
Oval	580	990				48	58	134TA7847	MANITOU
Oval	600	700		257	198	63	65	134TA7974	TCM
Oval	600	770		300	220	52	69	118TA1211	LINDE-LANSING
Oval	600	1145		171	118	39	79	118TA1237	LINDE-LANSING
Oval	600	1530		215	150	70	70	134TA7866	TEREX
Oval	610	1080		170	110	52	80	118TA1215	LINDE-LANSING
Oval	620	900		294	200	60	70	139TA1524	JLG
Oval	624	618		204	104	57	64	134TA7700	KOMATSU
Oval	625	1035		125	78	47	53	134TA7786	CLARK-SAMSUNG
Oval	630	830		135	93	43	50	124TA7573	CLARK-SAMSUNG
Oval	635	0		207	120	48	0	139TA4618	LINDE-LANSING
Oval	650	220		215	100	42	42	139TA1639	STILL
Oval	650	220		220	108	42	42	139TA1640	STILL
Oval	650	230		220	110	42	42	139TA1641	STILL
Oval	650	240		220	109	42	42	139TA1642	STILL
Oval	660	59		200	105	50	50	139TA1643	STILL
Oval	660	60		200	115	50	50	139TA1644	STILL
Oval	660	62		197	103	49	50	139TA1645	STILL
Oval	660	65		197	115	50	50	139TA1646	STILL
Oval	660	650		200	100	50	55	139TA1647	STILL
Oval	660	840		380	255	131	131	139TA4609	KALMAR
Oval	667	827		380	250	106	106	118TA1354	HYSTER
Oval	670	580		210	120	50	55	105TA6678	MITSUBISHI-CATERPILLAR
Oval	670	590		215	120	50	56	108TA4317	MITSUBISHI-CATERPILLAR
Oval	670	965		240	125	51	51	108TA4347	SANDERSON
Oval	673	630		390	255	76	76	106TA6326	LINDE-LANSING
Oval	680	160		230	110	60	65	118TA1220	LINDE-LANSING
Oval	680	330		216	118	51	53	134TA7727	MITSUBISHI-CATERPILLAR
Oval	680	465		255	155	75	81	118TA1306	CLARK-SAMSUNG
Oval	680	551		263	138	51	54	118TA1336	LINDE-LANSING
Oval	685	742		210	120	51	54	124TA7178	MITSUBISHI-CATERPILLAR
Oval	690	285		350	150	52	69	118TA1234	LINDE-LANSING
Oval	690	970		164	108	60	62	139TA1482	BAUMANN
Oval	695	268		393	150	52	69	118TA1243	LINDE-LANSING
Oval	700	890		243	140	76	76	139TA1661	TEREX
Oval	715	895		162	115	44	50	134TA8069	MANITOU
Oval	740	700		215	105	63	63	134TA8013	CLARK-SAMSUNG
Oval	760	620		200	130	60	60	104TA5862	STILL
Oval	760	1015		118	150	54	69	139TA1472	AUSA
Oval	800	200		285	190	88	100	134TA8061	KALMAR
Oval	810	990		257	157	55	61	139TA1549	MANITOU
Oval	840	985		258	160	76	80	139TA1505	HYSTER
Oval	850	720		170	90	46	46	104TA5982	DESTA
Oval	860	1125		163	108	45	59	134TA7915	MERLO
Oval	1100	220		280	130	68	70	106TA5008	YALE
Rectang.	200	60		140	140	40	40	104TA5933	DESTA
Rectang.	240	135		220	95	32	32	134TA8098	MOFFETT
Rectang.	330	200		200	90	39	47	105TA6730	TCM
Rectang.	410	320		85	120	40	55	134TA8002	SALEV
Rectang.	500	1045		112	112	41	46	139TA1631	OM PIMESPO
Round	100	240	70			29	30	105TA6738	MITSUBISHI-CATERPILLAR
Round	101	682	184			60	82	118TA1252	LINDE-LANSING
Round	110	875	65			38	42	123TA6011	MITSUBISHI-CATERPILLAR
Round	158	1020	101			38	45	106TA5009	YALE

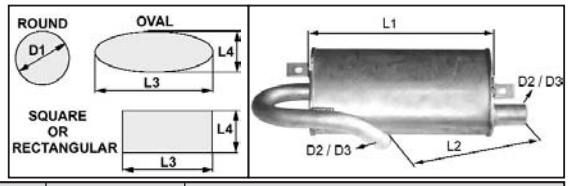
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4			Smallest outer Ø tube (mm) D2	Largest outer Ø tube (mm) D3	REF	For picture see make
Round	159	1040	101			39	45	105TA6803	YALE
Round	160	760	100			35	39	105TA6675	YALE
Round	160	765	101			38	38	108TA4334	YALE
Round	160	780	100			35	38	106TA7319	YALE
Round	160	1010	100			39	45	105TA6666	YALE
Round	160	1030	100			39	46	106TA7312	YALE
Round	160	1050	102			38	45	123TA6109	YALE
Round	165	210	116			63	67	134TA8112	CLARK-SAMSUNG
Round	200	870	100			48	55	139TA1663	TOYOTA
Round	210	260	180			38	50	105TA6734	MITSUBISHI-CATERPILLAR
Round	210	845	120			43	45	134TA8035	NISSAN
Round	213	420	119			43	45	105TA6784	NISSAN
Round	220	1240	38			43	0	134TA7912	MITSUBISHI-CATERPILLAR
Round	228	380	93			38	45	134TA7783	GENIE
Round	230	250	170			38	54	105TA6672	MITSUBISHI-CATERPILLAR
Round	245	355	90			35	48	139TA1668	UPRIGHT
Round	248	225	205			50	51	134TA7962	MITSUBISHI-CATERPILLAR
Round	250	25	205			54	54	134TA8082	YALE
Round	250	200	183			41	45	110TA8541	MITSUBISHI-CATERPILLAR
Round	253	520	180			51	63	134TA8103	JCB
Round	255	380	179			56	64	134TA8032	JCB
Round	255	455	175			51	64	134TA8133	JCB
Round	255	835	80			37	42	104TA5861	NISSAN
Round	258	145	206			41	41	134TA8050	YALE
Round	260	133	155			41	48	106TA5099	MITSUBISHI-CATERPILLAR
Round	260	280	180			51	63	134TA8081	JCB
Round	265	30	178			54	54	139TA4614	KOMATSU
Round	270	280	150			35	39	118TA1199	TCM
Round	270	410	150			34	38	105TA6720	KOMATSU
Round	270	1065	105			64	68	134TA8020	JCB
Round	275	471	140			60	64	139TA1557	MERLO
Round	280	130	150			38	40	104TA5771	TOYOTA
Round	280	145	130			35	44	123TA6052	MANITOU
Round	280	180	145			38	42	139TA1664	TOYOTA
Round	280	250	160			38	42	105TA6749	TOYOTA
Round	280	255	145			35	40	134TA8048	TOYOTA
Round	280	260	150			38	41	123TA6077	TOYOTA
Round	280	345	100			41	42	105TA6710	CLARK-SAMSUNG
Round	285	515	190			43	43	105TA6765	MITSUBISHI-CATERPILLAR
Round	288	350	142			38	42	123TA6076	TOYOTA
Round	290	370	175			38	47	134TA8066	KOMATSU
Round	290	415	175			38	47	134TA8067	KOMATSU
Round	290	480	160			50	50	104TA5755	YALE
Round	290	510	185			42	42	134TA7785	MITSUBISHI-CATERPILLAR
Round	290	640	167			38	47	139TA1566	MITSUBISHI-CATERPILLAR
Round	290	700	175			38	47	105TA6774	KOMATSU
Round	290	705	175			38	47	139TA4615	KOMATSU
Round	292	385	161			38	50	118TA1266	LINDE-LANSING
Round	292	460	163			50	50	110TA8568	CLARK-SAMSUNG
Round	292	550	169			35	46	139TA1601	OM PIMESPO
Round	295	280	210			38	40	139TA1602	OM PIMESPO
Round	295	285	180			38	47	118TA1343	KOMATSU
Round	295	580	182			38	38	134TA8097	LINDE-LANSING
Round	295	670	180			38	45	106TA5003	KOMATSU
Round	295	680	185			34	46	124TA7572	PATRIA
Round	295	755	135			39	47	123TA6032	HYUNDAI
Round	297	160	205			38	38	134TA7780	NISSAN
Round	297	345	201			34	42	139TA1603	OM PIMESPO

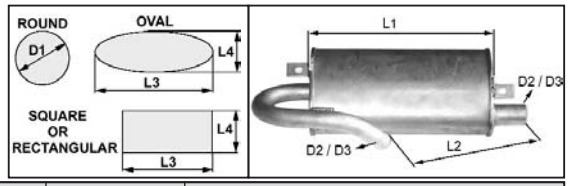
Complete range



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4			Smallest outer Ø tube (mm) D2	Largest outer Ø tube (mm) D3	REF	For picture see make
Round	297	845	81			38	50	123TA6065	NISSAN
Round	298	635	205			38	42	134TA7953	MITSUBISHI-CATERPILLAR
Round	300	120	130			35	39	124TA5187	NISSAN
Round	300	177	145			42	42	134TA7898	YALE
Round	300	210	165			41	42	105TA6685	TCM
Round	300	240	165			39	42	104TA5792	TCM
Round	300	255	178			45	48	139TA1567	MITSUBISHI-CATERPILLAR
Round	300	260	145			42	42	134TA7805	YALE
Round	300	270	175			45	49	139TA1568	MITSUBISHI-CATERPILLAR
Round	300	280	155			48	49	104TA5806	CLARK-SAMSUNG
Round	300	290	160			38	42	123TA6070	TCM
Round	300	320	168			38	38	139TA1604	OM PIMESPO
Round	300	385	125			76	76	134TA8053	YALE
Round	300	390	160			35	42	104TA5775	TCM
Round	300	390	160			38	41	105TA6711	MITSUBISHI-CATERPILLAR
Round	300	400	165			35	38	134TA7561	YALE
Round	300	400	170			35	38	134TA7578	YALE
Round	300	400	207			38	38	139TA1592	NISSAN
Round	300	405	160			35	39	134TA8008	YALE
Round	300	405	200			38	38	134TA8139	MITSUBISHI-CATERPILLAR
Round	300	410	169			38	38	139TA1538	KOMATSU
Round	300	410	170			40	42	104TA5797	NISSAN
Round	300	425	145			42	42	134TA7900	YALE
Round	300	430	159			38	42	105TA6847	NISSAN
Round	300	430	180			45	49	106TA7339	KOMATSU
Round	300	470	185			34	47	124TA1990	PATRIA
Round	300	490	170			35	46	139TA1605	OM PIMESPO
Round	300	495	150			38	38	139TA1593	NISSAN
Round	300	500	190			34	47	104TA5927	KOMATSU
Round	300	540	160			38	42	134TA7968	HELI
Round	300	540	170			38	43	105TA6757	TCM
Round	300	550	165			38	42	134TA8062	HELI
Round	300	565	175			35	45	139TA4631	OM PIMESPO
Round	300	570	158			38	47	105TA6819	NISSAN
Round	300	580	170			35	47	139TA1606	OM PIMESPO
Round	300	600	173			35	46	134TA7682	SALEV
Round	300	605	165			38	42	104TA5763	TCM
Round	300	620	205			38	42	139TA1571	MITSUBISHI-CATERPILLAR
Round	300	650	190			35	47	134TA7660	PATRIA
Round	300	680	161			37	43	108TA4362	TCM
Round	300	685	180			38	38	134TA7852	LINDE-LANSING
Round	300	690	177			39	39	123TA6047	LINDE-LANSING
Round	300	730	210			38	42	134TA7771	MITSUBISHI-CATERPILLAR
Round	300	760	170			38	42	104TA5767	TCM
Round	300	800	190			42	46	139TA1502	HELI
Round	300	880	200			35	42	104TA5979	TCM
Round	300	890	190			34	47	124TA5195	TCM
Round	300	980	191			35	38	110TA8566	TCM
Round	300	1000	192			35	36	108TA4342	TCM
Round	304	760	190			39	41	108TA4329	TCM
Round	305	26	192			64	67	134TA7961	MITSUBISHI-CATERPILLAR
Round	305	200	150			41	48	123TA9879	NISSAN
Round	305	270	155			41	48	134TA7593	HYSTER
Round	305	340	145			38	0	134TA8138	NISSAN
Round	305	380	130			75	76	104TA5789	HYSTER
Round	305	636	145			32	42	110TA8556	MITSUBISHI-CATERPILLAR
Round	306	635	144			34	42	108TA4366	MITSUBISHI-CATERPILLAR
Round	307	640	145			33	42	123TA6013	MITSUBISHI-CATERPILLAR

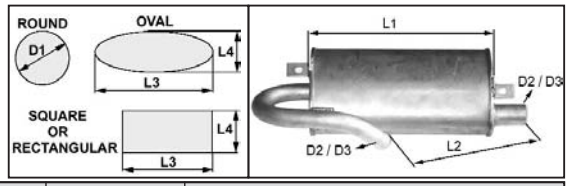
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4			Smallest outer Ø tube (mm) D2	Largest outer Ø tube (mm) D3	REF	For picture see make
Round	308	370	145			38	38	139TA1594	NISSAN
Round	310	270	100			40	40	123TA9877	NISSAN
Round	310	1630	280			76	90	134TA8080	KALMAR
Round	312	128	127			35	40	134TA7917	CLARK-SAMSUNG
Round	312	280	110			43	43	139TA1488	CLARK-SAMSUNG
Round	318	428	154			43	45	134TA7749	TOYOTA
Round	320	110	140			37	56	139TA4622	MITSUBISHI-CATERPILLAR
Round	320	210	135			35	42	134TA8113	FENWICK & PEG
Round	320	340	155			38	45	139TA1572	MITSUBISHI-CATERPILLAR
Round	320	343	152			39	46	108TA4321	KOMATSU
Round	320	345	152			39	46	134TA7672	KOMATSU
Round	320	350	151			41	42	134TA7781	HANGZHOU / HC / HANGCHA
Round	320	810	90			38	40	134TA7935	NISSAN
Round	328	335	164			38	47	139TA1550	MANITOU
Round	330	180	170			35	42	105TA6713	TOYOTA
Round	330	220	190			38	42	106TA7326	TOYOTA
Round	330	240	115			51	57	134TA8104	CLARK-SAMSUNG
Round	330	255	126			35	37	139TA4575	BOBCAT
Round	330	290	144			35	38	134TA8136	BOBCAT
Round	330	300	130			41	46	106TA7330	YANG - YAM - PUMA
Round	330	320	140			34	37	139TA1609	OM PIMESPO
Round	330	345	144			35	36	124TA5189	TCM
Round	330	360	160			51	55	104TA5857	CLARK-SAMSUNG
Round	330	450	135			51	51	134TA7792	JUNGHEINRICH-STEINBOCK
Round	330	490	133			48	50	134TA7673	KOMATSU
Round	330	540	158			38	46	104TA5746	TOYOTA
Round	330	645	80			40	45	139TA1665	TOYOTA
Round	334	500	185			58	61	139TA1648	STILL
Round	335	410	113			38	42	134TA7864	COVENTRY CLIMAX
Round	335	610	210			38	42	134TA7824	TCM
Round	335	1080	155			51	54	134TA7957	JCB
Round	335	1085	158			55	51	134TA7923	JCB
Round	337	428	158			38	42	139TA4640	TOYOTA
Round	338	455	198			43	43	108TA4332	MANITOU
Round	340	160	190			38	38	134TA7969	TCM
Round	340	170	170			36	46	104TA5839	TOYOTA
Round	340	187	109			34	36	105TA6831	TCM
Round	340	190	200			35	43	123TA6079	TOYOTA
Round	340	210	160			43	46	139TA1610	OM PIMESPO
Round	340	210	165			38	42	134TA7977	TOYOTA
Round	340	215	190			38	43	134TA7832	TOYOTA
Round	340	230	159			38	43	110TA8569	TOYOTA
Round	340	240	192			38	50	139TA1655	TCM
Round	340	250	170			38	43	104TA5891	TOYOTA
Round	340	250	190			38	42	106TA7304	TOYOTA
Round	340	280	110			34	34	105TA6801	TCM
Round	340	300	175			38	43	134TA7807	TOYOTA
Round	340	305	170			38	46	105TA6760	TOYOTA
Round	340	310	160			38	46	124TA1984	TOYOTA
Round	340	330	85			45	46	106TA7321	LINDE-LANSING
Round	340	370	170			38	38	134TA7906	TOYOTA
Round	340	410	190			38	43	104TA5929	TOYOTA
Round	340	413	193			38	42	108TA4330	TOYOTA
Round	340	420	162			38	45	110TA8562	TOYOTA
Round	340	425	150			43	45	134TA7798	TOYOTA
Round	340	425	200			42	45	134TA7665	TOYOTA
Round	340	431	200			43	45	134TA7999	TOYOTA
Round	340	432	193			38	43	110TA8570	TOYOTA

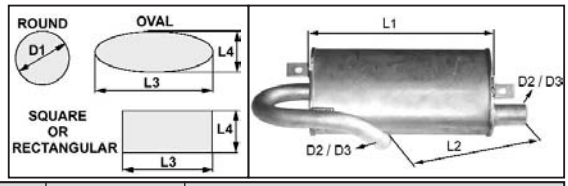
Complete range



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4			Smallest outer Ø tube (mm) D2	Largest outer Ø tube (mm) D3	REF	For picture see make
Round	340	435	160			38	46	134TA7976	TOYOTA
Round	340	440	190			41	47	134TA7988	TCM
Round	340	440	194			38	43	118TA1331	TOYOTA
Round	340	450	162			37	38	105TA6823	TOYOTA
Round	340	455	162			38	43	118TA1308	TOYOTA
Round	340	465	192			38	40	134TA8137	TCM
Round	340	480	170			38	38	104TA5896	TOYOTA
Round	340	480	170			38	39	104TA5863	TOYOTA
Round	340	500	190			38	47	134TA8077	TCM
Round	340	515	165			37	42	134TA7956	TOYOTA
Round	340	525	157			38	43	134TA8135	TOYOTA
Round	340	540	193			37	40	139TA1656	TCM
Round	340	550	163			38	43	123TA6081	TOYOTA
Round	340	555	193			42	43	118TA1326	TOYOTA
Round	340	560	170			38	47	108TA4313	TOYOTA
Round	340	560	200			38	39	134TA8046	TCM
Round	340	570	170			38	0	134TA8034	TOYOTA
Round	340	570	170			38	42	139TA1666	TOYOTA
Round	340	590	156			37	42	110TA8534	TOYOTA
Round	340	600	200			42	42	124TA2821	TOYOTA
Round	340	605	157			38	42	110TA8580	TOYOTA
Round	340	720	170			38	46	134TA7813	TOYOTA
Round	340	835	195			43	45	123TA6082	TOYOTA
Round	340	880	200			43	45	124TA7182	TOYOTA
Round	340	920	195			43	45	134TA7799	TOYOTA
Round	340	950	195			38	38	124TA2822	TCM
Round	340	955	185			42	45	134TA8086	TOYOTA
Round	340	970	192			43	45	123TA9894	TOYOTA
Round	340	995	200			35	47	123TA6071	TCM
Round	340	1020	200			43	45	123TA6083	TOYOTA
Round	340	1030	200			41	45	134TA7986	TOYOTA
Round	340	1040	195			43	46	123TA6084	TOYOTA
Round	340	1060	196			38	47	118TA1313	TCM
Round	340	1070	200			38	38	123TA6072	TCM
Round	340	1100	193			38	38	124TA1987	TCM
Round	340	1120	200			38	38	139TA1657	TCM
Round	340	1170	200			38	38	134TA7814	TCM
Round	340	1200	200			38	38	134TA8018	TCM
Round	340	1200	200			38	48	134TA8015	TCM
Round	342	400	200			42	42	123TA6085	TOYOTA
Round	342	518	193			45	48	108TA4292	TOYOTA
Round	342	820	193			38	41	123TA6073	TCM
Round	342	865	192			37	47	134TA7822	TCM
Round	345	340	160			34	37	105TA6736	KOMATSU
Round	345	380	162			38	38	108TA4341	TOYOTA
Round	345	410	155			38	50	134TA7929	CLARK-SAMSUNG
Round	345	640	220			50	55	134TA7865	HYUNDAI
Round	345	700	165			38	47	104TA5878	TOYOTA
Round	345	900	200			38	43	123TA9898	TOYOTA
Round	345	950	200			38	47	134TA7862	TCM
Round	348	475	200			38	39	139TA1551	MANITOU
Round	348	735	230			51	55	123TA9895	HYUNDAI
Round	350	110	159			25	25	134TA7830	JLG
Round	350	175	180			48	52	134TA7871	JLG
Round	350	220	150			32	45	105TA6701	MANITOU
Round	350	260	170			43	46	139TA1595	NISSAN
Round	350	265	167			42	47	134TA7981	NISSAN
Round	350	285	127			49	49	134TA7812	NISSAN

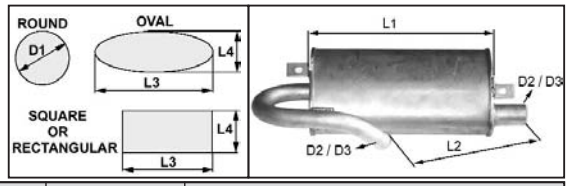
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4			Smallest outer Ø tube (mm) D2	Largest outer Ø tube (mm) D3	REF	For picture see make
Round	350	290	150			51	51	105TA6677	LINDE-LANSING
Round	350	370	200			36	42	106TA4997	MANITOU
Round	350	385	200			51	56	118TA1352	OM PIMESPO
Round	352	622	221			47	50	123TA6031	HYUNDAI
Round	355	342	91			44	50	108TA4337	YALE
Round	360	0	155			42	0	139TA1672	YALE
Round	360	300	140			43	43	104TA5750	CLARK-SAMSUNG
Round	360	510	160			42	46	105TA6746	MITSUBISHI-CATERPILLAR
Round	365	230	160			43	47	139TA1658	TCM
Round	365	290	200			55	55	139TA1489	CLARK-SAMSUNG
Round	365	400	160			43	47	118TA1263	TCM
Round	365	510	170			51	47	139TA1512	HYUNDAI
Round	370	0	115			39	0	104TA5902	HYSTER
Round	370	140	179			48	48	108TA8869	HYSTER
Round	370	203	230			63	68	134TA7671	MITSUBISHI-CATERPILLAR
Round	370	230	120			35	38	105TA6756	HYSTER
Round	370	260	125			41	41	134TA8117	CLARK-SAMSUNG
Round	370	445	170			42	51	134TA8132	HYUNDAI
Round	370	470	120			54	54	134TA8118	COVENTRY CLIMAX
Round	375	125	230			42	42	134TA7845	YALE
Round	375	260	205			42	42	139TA4601	HYSTER
Round	376	190	160			43	47	105TA6739	TCM
Round	380	120	185			42	42	105TA6681	YALE
Round	380	195	190			42	42	105TA6703	YALE
Round	380	250	130			35	35	123TA6017	CLARK-SAMSUNG
Round	380	255	127			51	51	104TA5754	HYSTER
Round	380	260	130			52	52	104TA5953	HYSTER
Round	380	260	160			38	49	104TA5759	TCM
Round	380	270	150			36	36	134TA7609	MITSUBISHI-CATERPILLAR
Round	380	270	170			35	36	104TA5738	HYSTER
Round	380	275	160			36	36	104TA5903	HYSTER
Round	380	310	165			52	55	104TA5749	CLARK-SAMSUNG
Round	380	320	130			36	36	104TA5911	HYSTER
Round	380	320	140			36	36	104TA5936	HYSTER
Round	380	330	140			35	35	104TA5930	HYSTER
Round	380	340	130			52	52	104TA5976	HYSTER
Round	380	370	155			54	54	123TA9876	NISSAN
Round	380	525	121			60	63	124TA7184	KALMAR
Round	382	267	152			42	42	110TA9633	HYSTER
Round	382	329	126			41	41	108TA4333	HYSTER
Round	383	120	199			42	42	110TA8581	YALE
Round	383	370	127			50	51	118TA1346	HYSTER
Round	383	430	126			41	42	110TA8563	HYSTER
Round	385	0	155			41	0	124TA7180	YALE
Round	385	270	164			35	35	105TA6789	HYSTER
Round	385	335	127			35	36	108TA4346	HYSTER
Round	385	715	121			51	67	134TA7817	KOMATSU
Round	390	230	165			44	48	104TA5914	TCM
Round	390	265	120			38	39	104TA5966	HYSTER
Round	390	430	165			44	44	134TA8017	JLG
Round	390	510	150			79	79	134TA8130	CLARK-SAMSUNG
Round	390	540	170			80	81	104TA5827	CLARK-SAMSUNG
Round	390	630	150			38	47	105TA6764	TCM
Round	390	1595	85			43	60	139TA1649	STILL
Round	392	342	181			41	51	108TA4293	MITSUBISHI-CATERPILLAR
Round	395	240	144			35	38	134TA7924	BOBCAT
Round	395	305	154			60	67	123TA9881	NISSAN
Round	395	535	200			47	52	139TA4638	TCM

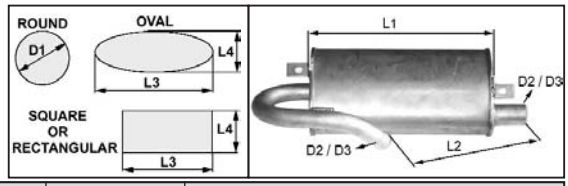
Complete range



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4			Smallest outer Ø tube (mm) D2	Largest outer Ø tube (mm) D3	REF	For picture see make
Round	395	635	166			51	51	139TA1611	OM PIMESPO
Round	397	335	150			49	55	108TA4368	CLARK-SAMSUNG
Round	398	640	125			42	46	118TA1361	MITSUBISHI-CATERPILLAR
Round	398	980	199			50	72	108TA8868	NISSAN
Round	400	40	216			55	0	139TA1673	YALE
Round	400	255	200			54	57	134TA8123	TCM
Round	400	325	200			54	54	134TA8091	YALE
Round	400	340	215			55	55	134TA7779	YALE
Round	400	400	180			44	55	123TA6108	YALE
Round	400	400	205			54	58	134TA7934	TCM
Round	400	450	170			43	43	104TA5889	NISSAN
Round	400	490	180			44	54	104TA5796	HYSTER
Round	400	490	180			55	55	134TA7944	HYSTER
Round	400	505	159			42	47	105TA6849	TCM
Round	400	540	160			45	45	105TA6753	YALE
Round	400	600	208			44	54	106TA4995	YALE
Round	400	640	175			48	51	139TA1612	OM PIMESPO
Round	400	650	205			54	58	139TA1480	BAOLI
Round	400	650	210			54	58	123TA6074	TCM
Round	400	655	170			48	51	124TA5194	KOMATSU
Round	400	675	113			51	51	134TA8119	COVENTRY CLIMAX
Round	400	680	210			51	55	134TA7625	NISSAN
Round	400	690	210			46	57	105TA6687	NISSAN
Round	400	695	200			54	56	134TA7930	HELI
Round	400	720	180			48	51	139TA1613	OM PIMESPO
Round	400	970	210			50	72	134TA7941	NISSAN
Round	401	267	151			43	45	110TA8555	KOMATSU
Round	401	280	170			34	44	139TA4582	DALIAN
Round	403	328	179			44	47	108TA4288	HYSTER
Round	403	330	220			73	75	123TA6041	KOMATSU
Round	405	470	155			51	64	134TA8121	COVENTRY CLIMAX
Round	405	760	200			50	57	105TA6846	NISSAN
Round	405	1110	107			57	67	134TA7869	JCB
Round	407	23	143			41	49	108TA4353	MITSUBISHI-CATERPILLAR
Round	408	660	160			47	47	139TA1575	MITSUBISHI-CATERPILLAR
Round	410	25	140			48	55	105TA6688	HYSTER
Round	410	260	152			35	52	124TA1978	TOYOTA
Round	410	260	160			35	52	105TA6741	TOYOTA
Round	410	350	125			42	42	134TA8041	NISSAN
Round	410	390	255			54	54	134TA8004	YALE
Round	410	410	191			65	75	139TA1552	MANITOU
Round	410	440	160			36	51	105TA6775	TOYOTA
Round	410	500	145			44	49	134TA7631	MITSUBISHI-CATERPILLAR
Round	410	570	175			42	46	134TA7877	NISSAN
Round	410	630	183			64	76	124TA2820	MANITOU
Round	412	390	255			54	54	134TA8003	YALE
Round	415	380	126			43	44	118TA1265	CLARK-SAMSUNG
Round	415	522	156			64	68	134TA8116	CLARK-SAMSUNG
Round	415	640	168			47	47	134TA8147	MITSUBISHI-CATERPILLAR
Round	415	655	165			47	49	123TA6014	MITSUBISHI-CATERPILLAR
Round	415	830	170			42	47	134TA7884	NISSAN
Round	418	645	204			52	55	139TA1614	OM PIMESPO
Round	420	270	130			40	41	104TA5778	CLARK-SAMSUNG
Round	420	293	149			48	50	118TA1272	CLARK-SAMSUNG
Round	420	330	127			42	42	118TA1287	CLARK-SAMSUNG
Round	420	500	170			43	47	104TA5747	TOYOTA
Round	420	520	193			42	47	105TA6821	TOYOTA
Round	420	590	190			51	55	139TA1615	OM PIMESPO

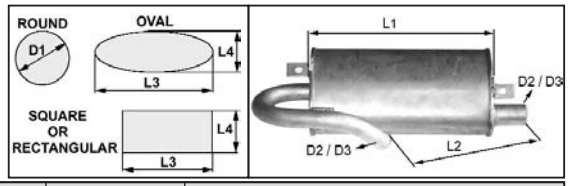
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4			Smallest outer Ø tube (mm) D2	Largest outer Ø tube (mm) D3	REF	For picture see make
Round	420	640	175			51	54	139TA1616	OM PIMESPO
Round	420	660	180			49	51	139TA1617	OM PIMESPO
Round	420	670	190			51	55	139TA1618	OM PIMESPO
Round	420	725	170			42	47	134TA7931	TOYOTA
Round	421	320	120			40	40	134TA7676	CLARK-SAMSUNG
Round	423	372	216			53	60	139TA1619	OM PIMESPO
Round	423	645	172			48	51	139TA1620	OM PIMESPO
Round	425	33	143			47	47	108TA4364	MANITOU
Round	427	710	202			51	56	139TA1621	OM PIMESPO
Round	430	0	125			55	0	123TA6062	NISSAN
Round	430	570	150			35	38	104TA5765	YALE
Round	430	600	155			41	47	110TA9791	TENNANT
Round	432	225	99			38	40	110TA8573	STILL
Round	435	140	129			0	55	139TA4651	YALE
Round	435	185	100			38	42	105TA6745	STILL
Round	435	285	96			35	42	134TA7684	STILL
Round	440	130	100			40	59	105TA6762	STILL
Round	440	290	100			34	38	139TA1622	OM PIMESPO
Round	440	310	97			35	42	134TA7557	STILL
Round	440	340	100			35	42	105TA6743	STILL
Round	440	375	86			45	46	110TA8559	FENWICK & PEG
Round	440	470	169			47	51	139TA1513	HYUNDAI
Round	440	490	85			42	43	106TA7331	LINDE-LANSING
Round	443	435	145			44	47	139TA1484	BOBCAT
Round	445	290	125			40	44	124TA5190	TCM
Round	445	362	114			38	38	134TA7794	HAULOTTE
Round	445	450	153			51	51	134TA7823	JCB
Round	445	470	169			43	52	134TA8085	HYUNDAI
Round	447	827	180			50	55	124TA7565	HYSTER
Round	450	250	143			35	38	134TA7722	SALEV
Round	450	310	140			53	53	104TA5865	FENWICK & PEG
Round	450	380	210			54	59	134TA7788	TCM
Round	450	540	144			42	46	108TA8875	KOMATSU
Round	450	545	152			42	47	139TA1624	OM PIMESPO
Round	450	575	84			32	53	134TA7945	UPRIGHT
Round	450	930	80			38	39	105TA6731	NISSAN
Round	450	1070	70			45	49	139TA1577	MITSUBISHI-CATERPILLAR
Round	450	1070	100			38	38	134TA7975	TCM
Round	450	1130	98			38	38	123TA6075	TCM
Round	450	1150	100			39	39	134TA8146	TCM
Round	450	1160	100			38	38	134TA7796	TCM
Round	453	945	80			38	42	110TA8549	NISSAN
Round	455	170	168			51	55	105TA6781	HYSTER
Round	455	170	177			27	53	124TA7179	KALMAR
Round	455	550	120			51	54	118TA1282	COVENTRY CLIMAX
Round	455	560	85			32	45	134TA7889	MOFFETT
Round	455	580	179			70	73	118TA1363	MITSUBISHI-CATERPILLAR
Round	455	970	115			38	38	134TA7686	NISSAN
Round	455	1197	80			38	38	106TA7307	TCM
Round	457	336	169			51	51	118TA1359	MITSUBISHI-CATERPILLAR
Round	460	420	150			40	45	134TA8059	HANGZHOU / HC / HANGCHA
Round	460	430	155			39	47	105TA6686	MITSUBISHI-CATERPILLAR
Round	460	430	158			42	42	134TA7891	HELI
Round	460	476	161			43	46	110TA8575	MITSUBISHI-CATERPILLAR
Round	460	550	84			27	39	139TA1586	MOFFETT
Round	460	550	160			38	42	134TA8051	MITSUBISHI-CATERPILLAR
Round	460	590	165			50	50	134TA7970	TENNANT
Round	460	635	152			49	48	134TA7925	STILL

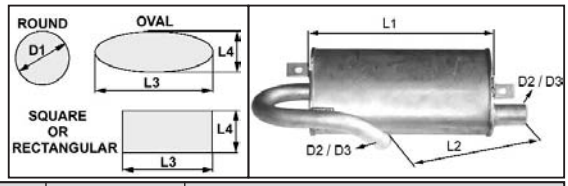
Complete range



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4			Smallest outer Ø tube (mm) D2	Largest outer Ø tube (mm) D3	REF	For picture see make
Round	460	640	95			47	48	118TA1310	COVENTRY CLIMAX
Round	460	970	80			38	38	105TA6697	NISSAN
Round	462	510	153			42	45	108TA4336	MITSUBISHI-CATERPILLAR
Round	470	285	100			38	39	139TA1625	OM PIMESPO
Round	470	460	110			38	38	139TA1545	LINDE-LANSING
Round	470	480	200			48	50	123TA6021	CLARK-SAMSUNG
Round	470	705	197			48	50	118TA1241	CLARK-SAMSUNG
Round	475	460	155			51	62	124TA7570	CLARK-SAMSUNG
Round	480	440	150			54	56	134TA8006	MOFFETT
Round	480	590	190			68	68	139TA1499	HARLAN
Round	480	620	160			43	48	105TA6735	TOYOTA
Round	480	725	152			47	47	118TA1269	TOYOTA
Round	480	1060	105			40	46	139TA1650	STILL
Round	485	213	101			47	54	118TA1334	CLARK-SAMSUNG
Round	490	922	104			40	51	134TA7728	MANITOU
Round	490	1300	110			52	60	118TA1185	LINDE-LANSING
Round	492	245	161			41	48	118TA1362	CLARK-SAMSUNG
Round	493	610	160			63	70	118TA1247	LINDE-LANSING
Round	495	450	208			54	64	139TA1497	HANGZHOU / HC / HANGCHA
Round	495	470	100			45	45	123TA6063	NISSAN
Round	495	590	159			61	62	118TA1268	LINDE-LANSING
Round	495	870	205			63	68	139TA1498	HANGZHOU / HC / HANGCHA
Round	495	960	214			50	54	134TA7950	TCM
Round	495	1020	111			53	53	139TA1474	BALKANCAR
Round	500	215	127			42	42	123TA6064	NISSAN
Round	500	250	169			41	41	118TA1340	CLARK-SAMSUNG
Round	500	260	167			42	43	123TA6025	CLARK-SAMSUNG
Round	500	260	170			42	42	124TA1981	CLARK-SAMSUNG
Round	500	350	210			54	59	123TA9893	TCM
Round	500	360	168			43	48	118TA1350	CLARK-SAMSUNG
Round	500	360	170			44	55	134TA7846	CLARK-SAMSUNG
Round	500	365	100			44	46	104TA5832	FENWICK & PEG
Round	500	420	208			57	57	105TA6824	NISSAN
Round	500	450	150			51	63	104TA5830	CLARK-SAMSUNG
Round	500	460	153			49	57	139TA4620	MANITOU
Round	500	480	110			45	45	104TA5761	CLARK-SAMSUNG
Round	500	510	144			54	61	134TA7916	HELI
Round	500	545	100			59	100	134TA8100	MANITOU
Round	500	560	200			53	58	105TA6653	NISSAN
Round	500	590	250			57	61	104TA5943	TCM
Round	500	600	120			76	115	134TA7829	MANITOU
Round	500	610	191			47	47	106TA6243	MITSUBISHI-CATERPILLAR
Round	500	610	210			61	57	105TA6837	TCM
Round	500	610	215			65	65	134TA7834	MITSUBISHI-CATERPILLAR
Round	500	620	133			45	50	139TA4632	OM PIMESPO
Round	500	630	140			38	45	104TA5760	TOYOTA
Round	500	630	210			57	60	105TA6812	TCM
Round	500	630	210			57	60	104TA5733	TCM
Round	500	635	208			53	56	104TA5993	TCM
Round	500	640	200			54	59	134TA8011	HELI
Round	500	650	89			42	42	108TA8877	NISSAN
Round	500	670	210			48	52	134TA7874	YALE
Round	500	710	90			64	64	139TA1626	OM PIMESPO
Round	500	790	212			50	53	134TA8089	TCM
Round	500	820	153			56	71	118TA1314	MANITOU
Round	500	860	90			54	55	104TA5915	NISSAN
Round	500	885	220			76	93	139TA1627	OM PIMESPO
Round	500	920	80			40	41	104TA5957	NISSAN

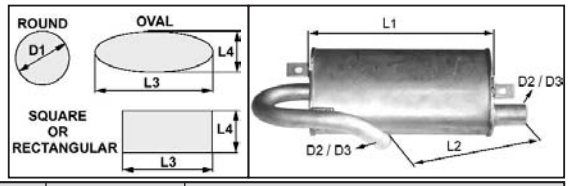
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4			Smallest outer Ø tube (mm) D2	Largest outer Ø tube (mm) D3	REF	For picture see make
Round	500	920	220			51	55	139TA1628	OM PIMESPO
Round	500	940	50			49	50	106TA6324	LINDE-LANSING
Round	500	990	142			49	55	123TA6006	BALKANCAR
Round	500	1050	90			0	58	123TA6049	LINDE-LANSING
Round	500	1570	145			60	66	118TA1245	LINDE-LANSING
Round	502	480	150			50	57	123TA6054	MANITOU
Round	502	650	199			57	61	118TA1275	TCM
Round	505	235	170			42	42	134TA7914	CLARK-SAMSUNG
Round	505	270	165			42	42	134TA7943	CLARK-SAMSUNG
Round	505	370	165			44	55	123TA6020	CLARK-SAMSUNG
Round	505	555	98			43	51	139TA1587	MOFFETT
Round	505	610	130			46	49	123TA6068	STILL
Round	505	660	154			51	61	134TA8110	MANITOU
Round	509	17	168			68	68	118TA1315	CLARK-SAMSUNG
Round	510	25	155			48	55	104TA5931	HYSTER
Round	510	350	130			51	55	139TA1500	HARLAN
Round	510	350	140			65	70	139TA1501	HARLAN
Round	510	470	157			42	43	123TA9885	NISSAN
Round	510	490	155			49	63	134TA8064	HYSTER
Round	510	530	139			49	51	139TA1629	OM PIMESPO
Round	510	620	130			54	54	105TA6733	CLARK-SAMSUNG
Round	510	730	84			45	51	111TA3672	JUNGHEINRICH-STEINBOCK
Round	510	810	99			56	69	118TA1299	LINDE-LANSING
Round	510	1050	85			45	56	118TA1213	LINDE-LANSING
Round	514	391	250			80	80	139TA4635	SVE TRUCK
Round	515	415	123			54	55	110TA8544	HYSTER
Round	520	540	120			50	54	104TA5785	CLARK-SAMSUNG
Round	520	680	99			55	70	118TA1226	LINDE-LANSING
Round	520	700	98			56	70	134TA7959	LINDE-LANSING
Round	525	585	154			50	50	108TA4331	CLARK-SAMSUNG
Round	525	820	193			76	76	124TA5196	MANITOU
Round	530	400	155			55	56	108TA4326	NISSAN
Round	530	760	225			57	61	104TA5968	TOYOTA
Round	530	815	213			76	76	139TA1553	MANITOU
Round	530	820	200			77	77	134TA7960	MANITOU
Round	535	380	220			57	57	124TA2823	CLARK-SAMSUNG
Round	537	743	142			49	59	108TA4363	MANITOU
Round	545	570	240			69	69	139TA1490	CLARK-SAMSUNG
Round	545	970	147			50	56	123TA6008	BALKANCAR
Round	548	685	152			50	56	105TA6820	OM PIMESPO
Round	550	425	146			54	54	123TA6102	YALE
Round	550	430	130			42	54	123TA9875	NISSAN
Round	550	650	176			64	76	134TA7868	JCB
Round	550	655	95			50	50	139TA1659	TCM
Round	550	655	140			39	46	110TA8550	NISSAN
Round	550	690	200			61	69	139TA1630	OM PIMESPO
Round	550	700	95			47	54	110TA8578	CLARK-SAMSUNG
Round	550	1400	137			53	57	134TA7980	NISSAN
Round	550	1410	138			53	58	105TA6835	NISSAN
Round	565	570	130			47	52	123TA6022	CLARK-SAMSUNG
Round	566	515	184			55	58	139TA1651	STILL
Round	570	365	202			51	54	106TA6328	LINDE-LANSING
Round	570	685	265			70	76	134TA7789	HYUNDAI
Round	580	430	130			48	48	106TA7320	LINDE-LANSING
Round	580	550	150			63	63	105TA6748	TCM
Round	590	408	122			48	48	110TA8558	LINDE-LANSING
Round	590	470	80			45	50	104TA5791	FENWICK & PEG
Round	590	830	180			80	80	105TA6726	CLARK-SAMSUNG

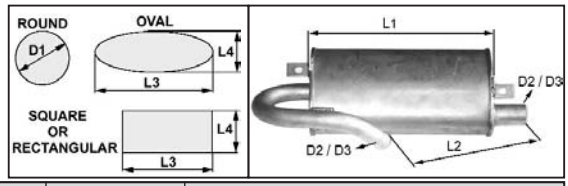
Complete range



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4			Smallest outer Ø tube (mm) D2	Largest outer Ø tube (mm) D3	REF	For picture see make
Round	595	540	255			64	68	134TA8021	HYUNDAI
Round	597	720	163			43	43	134TA8072	TOYOTA
Round	600	455	140			54	55	123TA9884	NISSAN
Round	600	500	126			48	48	108TA4358	FENWICK & PEG
Round	600	580	160			42	51	105TA6776	TOYOTA
Round	600	620	220			69	69	123TA6023	CLARK-SAMSUNG
Round	600	650	220			70	70	134TA7901	CLARK-SAMSUNG
Round	600	650	250			61	64	139TA1660	TCM
Round	600	680	154			100	100	134TA8125	HYSTER
Round	600	735	258			85	85	134TA7892	TCM
Round	600	790	175			52	65	105TA6808	CLARK-SAMSUNG
Round	600	1200	50			49	52	118TA1210	LINDE-LANSING
Round	600	1230	150			45	51	134TA8037	KALMAR
Round	600	1550	150			48	48	134TA7821	KALMAR
Round	600	1570	180			52	63	104TA5987	CLARK-SAMSUNG
Round	605	700	153			50	55	134TA8144	OM PIMESPO
Round	605	1375	158			60	60	111TA3682	KALMAR
Round	605	1500	160			50	64	134TA7617	CLARK-SAMSUNG
Round	610	490	205			63	63	139TA1546	LINDE-LANSING
Round	610	600	197			69	69	123TA6024	CLARK-SAMSUNG
Round	610	620	170			44	48	134TA7802	HAULOTTE
Round	610	700	158			54	61	134TA8124	JUNGHEINRICH-STEINBOCK
Round	610	782	95			42	45	118TA1280	STILL
Round	612	825	144			51	54	118TA1293	STILL
Round	615	718	156			54	60	134TA7733	KOMATSU
Round	615	745	101			63	66	108TA4318	KOMATSU
Round	620	720	170			45	53	134TA7801	HAULOTTE
Round	620	750	121			63	66	108TA4322	KOMATSU
Round	627	1023	95			38	38	118TA1311	NISSAN
Round	630	680	178			54	60	134TA8120	JUNGHEINRICH-STEINBOCK
Round	635	130	144			57	58	134TA7699	KOMATSU
Round	635	710	147			53	53	124TA1991	JUNGHEINRICH-STEINBOCK
Round	635	750	102			67	68	139TA1579	MITSUBISHI-CATERPILLAR
Round	635	760	127			47	48	108TA4359	MITSUBISHI-CATERPILLAR
Round	635	1040	102			48	48	134TA7747	KOMATSU
Round	637	610	140			54	70	134TA7745	KOMATSU
Round	637	670	143			49	60	108TA4360	JUNGHEINRICH-STEINBOCK
Round	640	370	150			70	70	104TA5836	OM PIMESPO
Round	640	650	145			53	61	118TA1320	JUNGHEINRICH-STEINBOCK
Round	640	910	190			56	59	105TA6722	OM PIMESPO
Round	645	615	240			60	60	124TA5192	TCM
Round	645	1070	105			43	53	139TA1580	MITSUBISHI-CATERPILLAR
Round	650	100	150			50	54	104TA5858	OM PIMESPO
Round	650	740	200			45	60	134TA7963	MANITOU
Round	650	825	152			55	70	134TA7668	MANITOU
Round	650	825	152			55	70	105TA6786	MANITOU
Round	660	940	160			49	60	105TA6670	OM PIMESPO
Round	660	1010	100			44	48	124TA7568	HYSTER
Round	660	1150	100			42	64	118TA1312	MANITOU
Round	665	690	104			49	60	123TA6055	MANITOU
Round	665	740	105			41	64	134TA7933	MANITOU
Round	665	875	245			75	75	139TA1667	TOYOTA
Round	670	350	103			48	42	104TA5874	MANITOU
Round	675	800	252			78	81	134TA7658	JUNGHEINRICH-STEINBOCK
Round	680	35	185			47	47	139TA1652	STILL
Round	680	690	170			49	55	139TA1653	STILL
Round	680	1090	80			57	0	134TA7949	LINDE-LANSING
Round	685	595	184			50	55	123TA6067	STILL

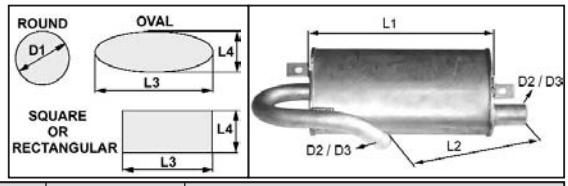
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4			Smallest outer Ø tube (mm) D2	Largest outer Ø tube (mm) D3	REF	For picture see make
Round	690	1060	75			50	55	139TA4652	YALE
Round	700	150	160			42	61	105TA6692	TOYOTA
Round	700	240	160			43	62	134TA7873	TOYOTA
Round	700	810	100			48	48	104TA5753	COVENTRY CLIMAX
Round	700	815	152			48	48	118TA1303	COVENTRY CLIMAX
Round	700	1000	109			42	49	123TA6050	LINDE-LANSING
Round	700	1060	170			60	84	139TA1662	TEREX
Round	700	1175	132			41	46	134TA8106	HELI
Round	705	345	180			57	57	139TA1541	KOMATSU
Round	710	415	180			57	57	134TA7882	KOMATSU
Round	710	750	172			60	70	134TA8073	TEREX
Round	710	800	153			51	55	118TA1260	LINDE-LANSING
Round	710	800	154			51	54	134TA8047	LINDE-LANSING
Round	710	800	155			50	55	139TA1547	LINDE-LANSING
Round	710	805	154			51	54	111TA2237	LINDE-LANSING
Round	710	812	214			80	80	110TA8565	CLARK-SAMSUNG
Round	710	830	162			42	62	134TA7815	KOMATSU
Round	710	865	104			43	50	106TA4998	MANITOU
Round	710	890	170			67	67	104TA5940	CLARK-SAMSUNG
Round	710	1130	40			38	42	105TA6669	TOYOTA
Round	715	820	142			49	49	105TA6810	MANITOU
Round	715	940	155			54	75	134TA7797	CLARK-SAMSUNG
Round	725	940	110			42	45	134TA7909	TAILIFT
Round	730	1070	100			50	55	134TA7833	MITSUBISHI-CATERPILLAR
Round	735	660	205			62	62	134TA7843	KALMAR
Round	740	1042	100			38	54	105TA6790	YALE
Round	744	1290	114			40	50	139TA1473	AUSA
Round	745	575	128			44	48	139TA4580	CLARK-SAMSUNG
Round	745	900	160			67	70	104TA5870	CLARK-SAMSUNG
Round	746	620	138			48	48	118TA1286	CLARK-SAMSUNG
Round	750	50	150			47	47	139TA1632	SALEV
Round	750	490	107			45	49	134TA7853	CLARK-SAMSUNG
Round	750	970	90			56	70	118TA1208	LINDE-LANSING
Round	750	1070	100			44	54	134TA7826	JUNGHEINRICH-STEINBOCK
Round	750	1210	45			48	53	105TA6728	CLARK-SAMSUNG
Round	755	845	130			44	51	104TA5989	HYSTER
Round	760	500	110			45	48	134TA7921	TCM
Round	760	840	130			54	54	123TA6111	YALE
Round	760	960	180			42	51	134TA8033	COVENTRY CLIMAX
Round	760	1030	60			58	58	104TA5971	CLARK-SAMSUNG
Round	760	1150	93			50	55	134TA7800	LINDE-LANSING
Round	763	980	121			45	60	111TA1889	KOMATSU
Round	765	910	167			75	92	110TA8542	HYSTER
Round	765	920	215			77	80	134TA7828	KALMAR
Round	765	1480	40			42	47	104TA5944	STILL
Round	768	920	132			45	54	104TA5992	YALE
Round	770	906	195			64	64	108TA4370	KALMAR
Round	770	940	154			44	61	134TA7694	KOMATSU
Round	777	1085	90			45	51	139TA1582	MITSUBISHI-CATERPILLAR
Round	780	900	214			76	81	134TA7795	KALMAR
Round	785	1170	45			40	43	105TA6737	OM PIMESPO
Round	795	1000	152			61	69	105TA6792	TOYOTA
Round	795	1006	155			60	67	108TA4324	TOYOTA
Round	795	1020	160			60	68	134TA7776	TOYOTA
Round	795	1025	153			61	67	118TA1364	TOYOTA
Round	795	1080	80			50	54	105TA6655	OM PIMESPO
Round	800	220	290			80	85	134TA7927	LINDE-LANSING
Round	800	1000	100			55	70	118TA1297	LINDE-LANSING

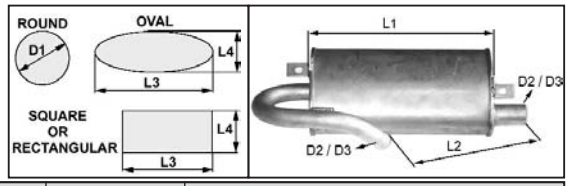
Complete range



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4			Smallest outer Ø tube (mm) D2	Largest outer Ø tube (mm) D3	REF	For picture see make
Round	800	1200	100			43	57	118TA1236	LINDE-LANSING
Round	802	220	292			80	84	118TA1244	LINDE-LANSING
Round	802	1090	80			45	50	105TA6788	OM PIMESPO
Round	805	1200	100			48	57	139TA4619	LINDE-LANSING
Round	805	1290	100			53	57	105TA6679	LINDE-LANSING
Round	805	1300	100			47	55	134TA7987	LINDE-LANSING
Round	810	1120	99			56	69	118TA1250	LINDE-LANSING
Round	825	930	150			54	54	104TA5895	HYSTER
Round	825	1070	115			48	52	134TA8128	MANITOU
Round	830	935	375			153	153	134TA7928	LINDE-LANSING
Round	830	1030	82			50	53	139TA1554	MANITOU
Round	835	818	110			48	61	118TA1278	COVENTRY CLIMAX
Round	850	720	236			95	120	118TA1288	KALMAR
Round	850	720	290			94	119	139TA1533	KALMAR
Round	850	755	236			92	118	118TA1276	KALMAR
Round	860	1070	140			60	0	108TA4307	KOMATSU
Round	860	1360	45			45	54	118TA1193	LINDE-LANSING
Round	863	1080	160			58	0	110TA8552	KOMATSU
Round	865	1070	144			57	0	139TA1583	MITSUBISHI-CATERPILLAR
Round	870	770	115			50	51	104TA5946	FANTUZZI
Round	880	1020	76			42	56	105TA6863	YALE
Round	885	1030	156			93	105	108TA4323	KALMAR
Round	890	560	260			115	124	134TA7635	SVE TRUCK
Round	900	1050	80			42	52	139TA1532	JUNGHEINRICH-STEINBOCK
Round	905	760	255			96	103	134TA7827	SVE TRUCK
Round	905	1070	75			44	52	118TA1249	JUNGHEINRICH-STEINBOCK
Round	910	900	202			76	77	123TA6038	KALMAR
Round	910	1190	100			52	58	139TA4641	TOYOTA
Round	912	740	203			81	92	105TA6830	SVE TRUCK
Round	913	290	183			55	65	134TA8088	SVE TRUCK
Round	915	1015	228			102	102	134TA7942	JUNGHEINRICH-STEINBOCK
Round	920	1160	200			63	66	104TA5985	MITSUBISHI-CATERPILLAR
Round	924	920	202			74	75	105TA6827	KALMAR
Round	940	1100	70			49	54	139TA4633	OM PIMESPO
Round	953	947	285			101	103	123TA6036	JUNGHEINRICH-STEINBOCK
Round	960	1150	110			60	130	134TA8065	TOYOTA
Round	963	1090	262			108	108	124TA2824	SMV KONECRANES
Round	965	1190	100			45	45	108TA4295	MANITOU
Round	985	880	202			105	107	139TA1534	KALMAR
Round	990	890	150			54	61	104TA5947	FANTUZZI
Round	1000	970	284			120	122	139TA4610	KALMAR
Round	1000	1070	95			61	63	106TA5002	JUNGHEINRICH-STEINBOCK
Round	1010	1200	139			42	44	105TA6865	MORA
Round	1025	1040	100			38	42	110TA8537	NISSAN
Round	1040	1560	340			104	108	134TA8070	FANTUZZI
Round	1050	1765	300			80	89	134TA7887	FANTUZZI
Round	1055	1155	122			50	50	139TA4642	TOYOTA
Round	1060	1260	127			51	54	108TA4345	MITSUBISHI-CATERPILLAR
Round	1068	1224	193			75	93	110TA8551	HYSTER
Round	1073	1110	90			43	49	106TA6309	YALE
Round	1075	310	250			94	117	124TA7567	KALMAR
Round	1090	980	306			110	122	139TA4611	KALMAR
Round	1090	980	310			120	120	134TA7772	KALMAR
Round	1100	840	304			110	110	118TA1277	LINDE-LANSING
Round	1100	1010	300			110	120	139TA1535	KALMAR
Round	1100	1240	305			120	120	134TA7985	KALMAR
Round	1120	870	195			67	68	123TA6104	YALE
Round	1130	1293	145			62	67	108TA4339	MITSUBISHI-CATERPILLAR

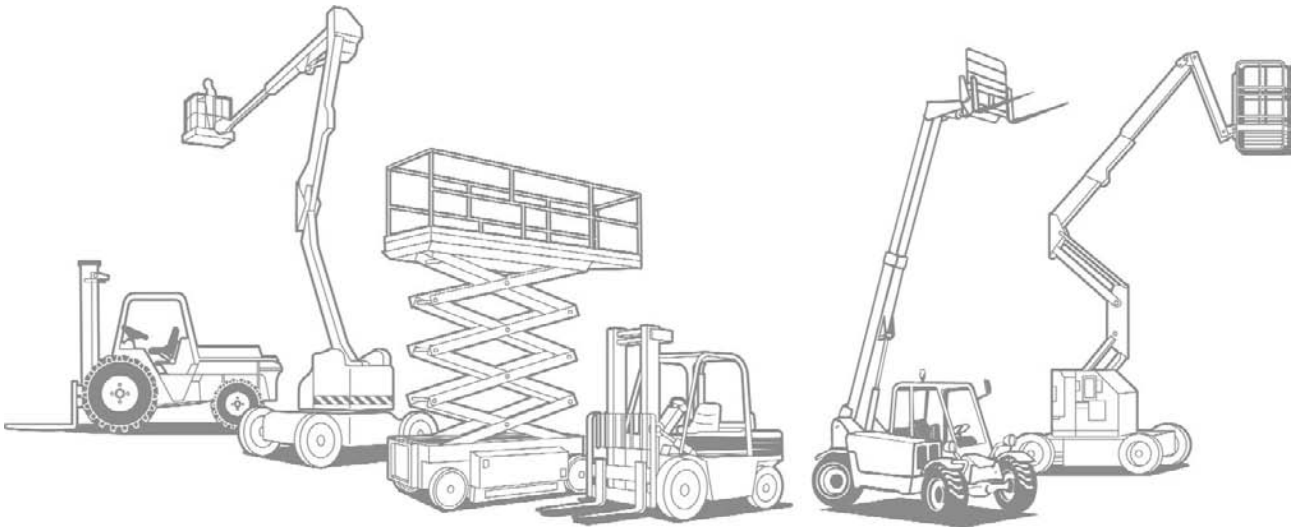
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Type muffler TY	Length (mm) L1	Dimension (mm) L2	Body dimension (mm) dia. D1 or L3 x L4			Smallest outer Ø tube (mm) D2	Largest outer Ø tube (mm) D3	REF	For picture see make
Round	1130	1295	230			106	106	104TA5950	HYSTER
Round	1133	1300	228			105	105	110TA8564	HYSTER
Round	1135	1293	228			93	93	118TA1372	MITSUBISHI-CATERPILLAR
Round	1135	1305	227			104	104	139TA1536	KALMAR
Round	1137	1720	300			90	90	134TA8101	KALMAR
Round	1176	320	238			106	106	110TA8584	KALMAR
Round	1270	1500	440			186	186	139TA4612	KALMAR
Round	1300	1360	385			105	120	139TA1492	FANTUZZI
Round	1335	1500	312			120	120	134TA8114	KALMAR

Part: 2
EXHAUST TUBES



DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

TECHNISCHES DATENBLATT
AUSPUFFROHR

Gruppe	Beispiel	Kundendaten
15-01-02-00		

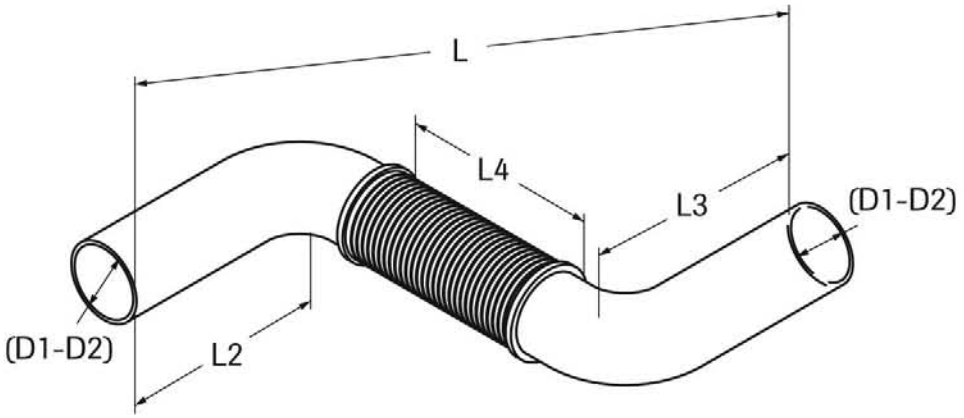
Maschinentyp: ..... ☐ Preisanfrage

Serienr. maschine: ..... ☐ Bestellung

CODE: L x AT-BO x TY-FL x D1 x D2 x L2 x L3 x L4 x GA x SUP

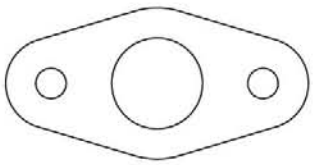
...,.	L	Mindestabstand zwischen 2 Endstücken (wenn ein flexibles Auspuffrohr vorhanden ist, soll es ausgezogen und gestreckt werden).
.	AT-BO	Zahl der Kurven: ein flexibles Auspuffrohr wird nicht als Kurve betrachtet, es sei denn, es ist eine ausgeprägte Kurve.
..	TY-FL	Typ Anschlußflansch, siehe Typen.
...	D1	Außendurchmesser des kleinsten Rohres.
...	D2	Außendurchmesser des größten Rohres. **BEMERKUNG:** falls mehr als 2 Rohre vorhanden sind, nehmen Sie die 2 größten.
...	L2	Kleinste Länge bis Mitte der ersten Kurve (siehe Figur).
...	L3	Größte Länge bis Mitte der ersten Kurve (siehe Figur).
...	L4	Länge des flexiblen Auspuffrohres, komplett gestreckt (wenn vorhanden).
...	GA	Hitzebeständiger Schutz anwesend: JA/NEIN.
..	SUP	Gesamtzahl von Befestigungen; Haken, Hebel, Gewinde, usw,...

ABMESSUNGEN

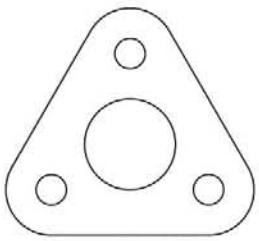


FLANSCHTYPEN

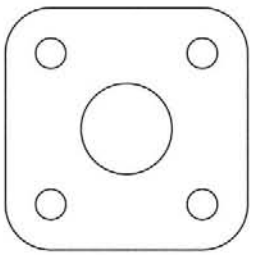
Typ A
Oval



Typ B
Dreieck



Typ C
Viereck oder Rechteck



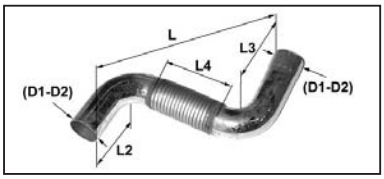
Typ D
Sonderflansch
Keine der vorigen

Typ E
Kein Flansch

Achtung: Wenn es 2 verschiedene Flansche gibt, verwenden wir die Kombination von beiden Buchstaben in alfabetischer Reihenfolge.
Z.B.: Flansch D und B werden Typ BD.

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: ALLIS CHALMERS-KALMAR AC



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	53	53	190				123TA6559
	58	58	110				123TA6560
1	42	42	328	75	255	140	123TA6561
	60	60	225	80	150		134TA6004
2	41	48	420	80	85	140	123TA6562
	42	47	370	60	70	210	134TA6078
	45	50	800	120	265	110	123TA6563
3	34	34	575	80	175		123TA6564
	34	35	400	80	290	110	123TA6565
	37	40	565	37	75	150	123TA6566
	43	43	425	80	90	140	108TA8882
	50	80	885	110	210	100	134TA6337

REF 123TA6559

REF 123TA6560

REF 123TA6561

REF 134TA6004

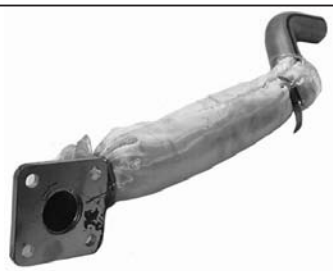
REF 123TA6562

REF 134TA6078

REF 123TA6563

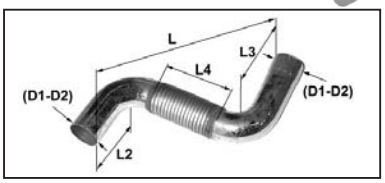
REF 123TA6564

REF 123TA6565


REF 123TA6566

REF 108TA8882

REF 134TA6337



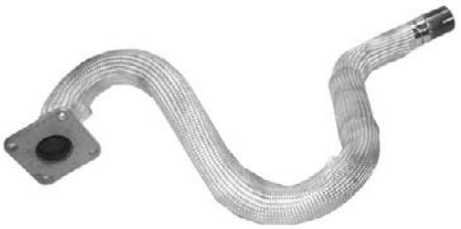
used for: ALLIS CHALMERS-KALMAR AC

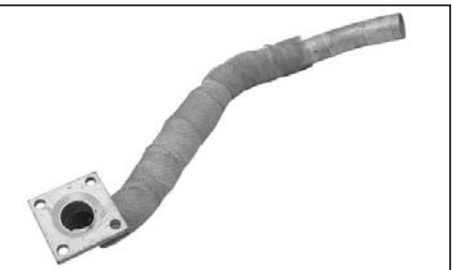
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	51	54	883	110	125	110	123TA6567
4	34	43	575	15	105	155	123TA6568
	35	42	280	65	125	150	139TA3800
	38	41	595	70	170	145	123TA6569
	42	42	550	20	80		134TA5847
	44	51	740	55	177	170	123TA6570
	45	51	890	43	135	430	123TA6571
	48	51	720	35	276		123TA6572
	50	50	1010	30	200	240	134TA5895
	51	51	920	70	170	150	123TA6573
	51	53	870	85	95	130	123TA6574
5	34	34	625	60	220		123TA6575

REF 123TA6567

REF 123TA6568

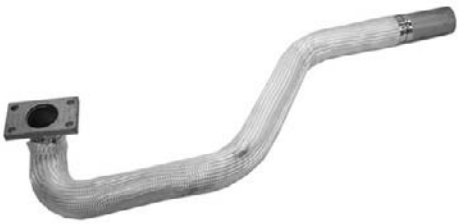
REF 139TA3800


REF 123TA6569

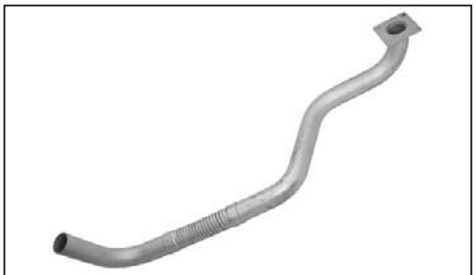

REF 134TA5847

REF 123TA6570

REF 123TA6571


REF 123TA6572

REF 134TA5895

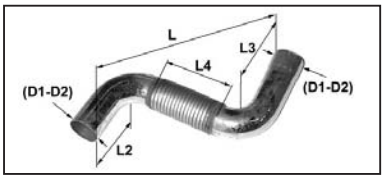

REF 123TA6573

REF 123TA6574

REF 123TA6575

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: ALLIS CHALMERS-KALMAR AC



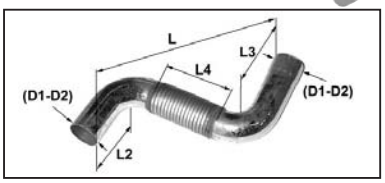
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
5	34	43	540	115	280	115	134TA5716
	38	38	135	7	54		134TA5765
	43	43	645	20	235		123TA6576

REF 134TA5716

REF 134TA5765

REF 123TA6576

used for: ARTISON



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	42	45	640	405	505	135	139TA3801
3	42	47	587	80	420	150	139TA3802
4	40	42	750	45	120	140	134TA5913
	41	42	410	35	75	135	134TA5917
	42	42	720	40	165	140	134TA5813
	42	57	730	125	130	170	134TA5658
	48	54	613	30	100	145	139TA3803
5	41	42	590	70	120	135	134TA5905
	42	42	550	50	125	130	134TA5909

REF 139TA3801

REF 139TA3802

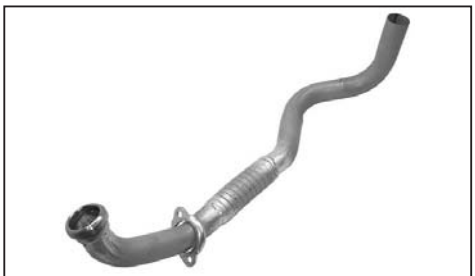
REF 134TA5913

REF 134TA5917

REF 134TA5813

REF 134TA5658

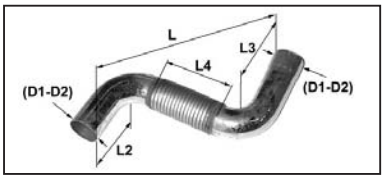
REF 139TA3803


REF 134TA5905

REF 134TA5909

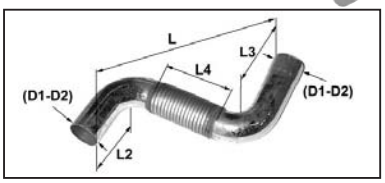
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: ATLET-LAFIS



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	48	48	705			560	139TA3804

REF 139TA3804



used for: AUSA

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	33	48	320			185	134TA6100
	78	81	131				134TA6224
1	40	45	320	90	310	240	134TA6177
	40	50	290	130	235	150	134TA6225
	40	54	327	150	265	150	134TA6106
2	46	50	310	60	360	140	134TA6255
	48	54	315	25	325	120	134TA6097

REF 134TA6100

REF 134TA6224

REF 134TA6177

REF 134TA6225

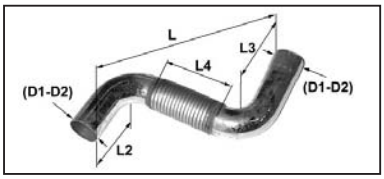
REF 134TA6106

REF 134TA6255

REF 134TA6097

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: BALKANCAR



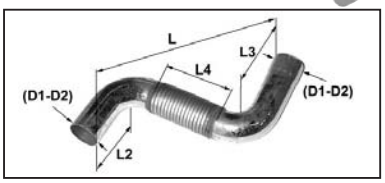
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	50	60	640	175	345	245	134TA5751
	51	51	600	40	350	230	123TA6577
3	42	51	530	15	150	140	123TA6578
	50	50	685	100	195	135	123TA6579

REF 134TA5751

REF 123TA6577

REF 123TA6578

REF 123TA6579



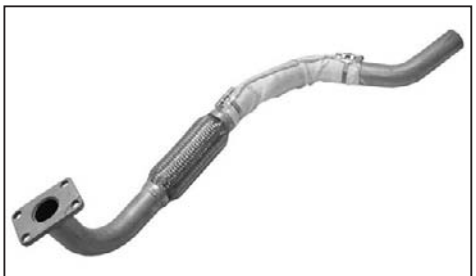
used for: BAOLI

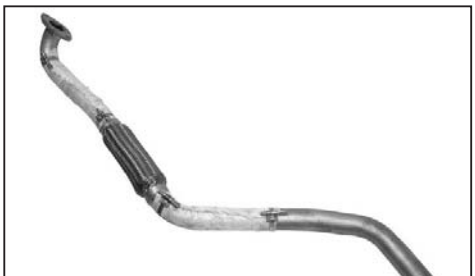
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	41	46	1135	195	1040		139TA3805
	54	57	245	83	185		139TA3806
2	38	47	530	105	300	135	139TA3807
4	38	38	670	90	105	140	139TA3808
5	38	38	850	40	120		139TA3809

REF 139TA3805

REF 139TA3806

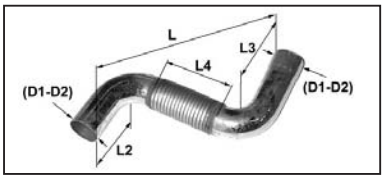
REF 139TA3807


REF 139TA3808


REF 139TA3809

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

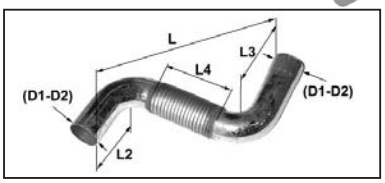
used for: BAUMANN



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	55	58	175	90	120		134TA6018
2	60	63	435	55	85	270	134TA6027

REF 134TA6018

REF 134TA6027



used for: BOBCAT

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	35	35	85				139TA3810
1	41	45	405	80	370	215	134TA5794
	45	49	265	60	265		139TA3811
2	35	38	400	60	75		134TA6347
	38	38	397	50	105		134TA5769
	43	44	260	70	300	195	134TA6314
	44	44	340	30	40	210	139TA3812
	44	44	485	60	60	285	134TA5787
	45	45	360	60	185		139TA3813
	50	50	345	80	80	210	139TA3814
	57	58	450	85	145	295	139TA3815
	62	64	775	60	90		139TA3816

REF 139TA3810

REF 134TA5794

REF 139TA3811

REF 134TA6347

REF 134TA5769

REF 134TA6314

REF 139TA3812

REF 134TA5787

REF 139TA3813

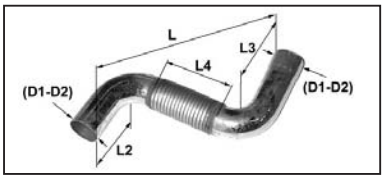
REF 139TA3814

REF 139TA3815

REF 139TA3816

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: BOBCAT



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	63	64	305	90	150		134TA6164
3	44	44	410	30	45	255	134TA6113
	44	44	440	45	50	230	134TA5653
	59	60	420	50	60	150	139TA3817
	63	65	360	30	100		139TA3818

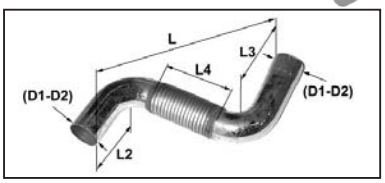
REF 134TA6164

REF 134TA6113

REF 134TA5653

REF 139TA3817

REF 139TA3818



used for: CLARK-SAMSUNG

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	35	35	85				139TA3838
	38	38	285				105TA7381
	42	42	225				105TA7459
	48	62	50				118TA1606
	55	55	240				123TA6589
	63	63	155			70	105TA7049
	76	76	405			300	123TA6590
	76	80	1410				118TA1702
	88	88	125				105TA7367
	98	102	690				123TA6591
1	36	38	75	26	52		118TA1591
	37	37	240	85	175		105TA7368

REF 139TA3838

REF 105TA7381

REF 105TA7459

REF 118TA1606

REF 123TA6589

REF 105TA7049

REF 123TA6590

REF 118TA1702

REF 105TA7367

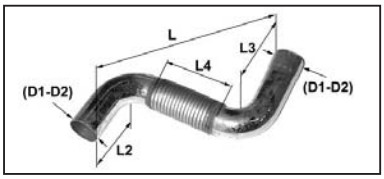
REF 123TA6591

REF 118TA1591

REF 105TA7368

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: CLARK-SAMSUNG



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	38	38	165	50	140		139TA3839
	38	48	270	40	240		134TA5856
	39	41	230	85	200		134TA5747
	41	45	405	80	370	215	134TA5793
	42	42	290	115	240		105TA7393
	42	45	640	405	505	135	139TA3840
	43	48	340	110	240	210	139TA3841
	44	44	79	42	42		134TA5718
	44	44	100	42	65		118TA1663
	44	48	205	115	130		105TA6945
	44	50	255	80	220		108TA4544
	45	45	215	54	170	70	105TA7010

REF 139TA3839

REF 134TA5856

REF 134TA5747

REF 134TA5793

REF 105TA7393

REF 139TA3840

REF 139TA3841

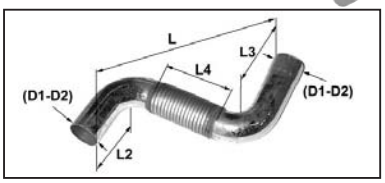
REF 134TA5718

REF 118TA1663

REF 105TA6945

REF 108TA4544

REF 105TA7010



used for: CLARK-SAMSUNG

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	45	50	242	90	190		118TA1472
	46	46	140	20	125		105TA7028
	47	50	210	65	145	145	139TA3842
	48	48	115	55	80		105TA6983
	48	52	240	70	195		105TA7011
	48	52	345	115	135		105TA7025
	48	52	430	95	410		124TA7626
	49	51	290	110	135		105TA7402
	50	51	92	45	65		124TA2101
	50	55	705	45	670		118TA1552
	51	51	62	35	46		108TA4375
	51	51	240	110	145		123TA6592

REF 118TA1472

REF 105TA7028

REF 139TA3842

REF 105TA6983

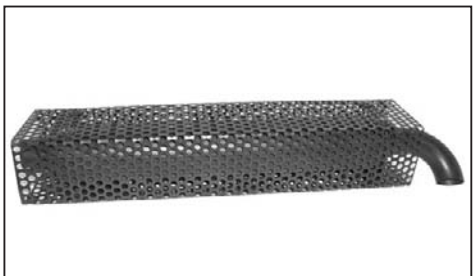
REF 105TA7011

REF 105TA7025

REF 124TA7626

REF 105TA7402

REF 124TA2101

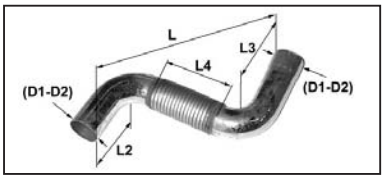

REF 118TA1552

REF 108TA4375

REF 123TA6592

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: CLARK-SAMSUNG



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	51	55	180	120	155		134TA5789
	51	55	245	90	190		105TA7386
	51	60	665	85	630		105TA7335
	51	62	130	110	180		105TA7099
	54	78	786	37	760		118TA1539
	55	55	360	150	265		118TA1610
	55	77	712	40	685		105TA6779
	56	56	145	70	105		105TA6916
	57	63	207	110	115		139TA3843
	60	60	170	65	120		134TA5890
	60	61	92	18	76		139TA3844
	60	70	195	60	160		105TA7366

REF 134TA5789

REF 105TA7386

REF 105TA7335

REF 105TA7099

REF 118TA1539

REF 118TA1610

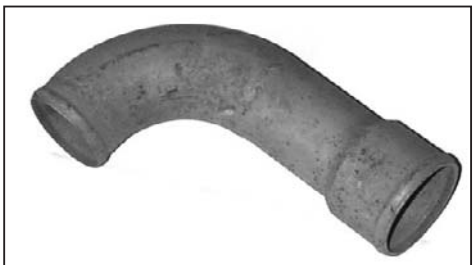
REF 105TA6779

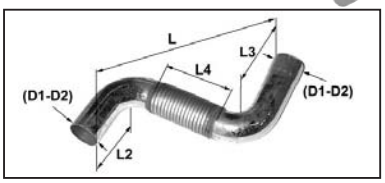
REF 105TA6916

REF 139TA3843

REF 134TA5890

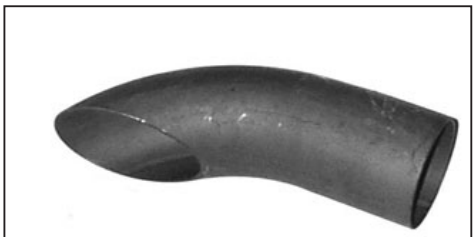
REF 139TA3844


REF 105TA7366



used for: CLARK-SAMSUNG

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	64	64	110	15	95		105TA7305
	64	64	1060	90	1015		134TA5705
	64	68	126	10	120		134TA5944
	70	70	140	80	95		134TA6037
	76	76	190	120	120		139TA3845
	76	76	288	105	188		118TA1626
	76	76	790	50	750		105TA7173
	76	76	790	60	740		139TA3846
	77	84	185	55	150		105TA7370
	80	88	210	125	140		105TA6917
2	26	29	500	180	195		105TA6957
	29	29	380	80	170		105TA7409

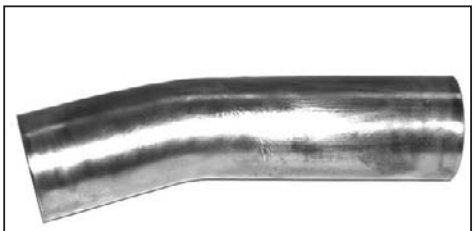

REF 105TA7305

REF 134TA5705

REF 134TA5944

REF 134TA6037

REF 139TA3845

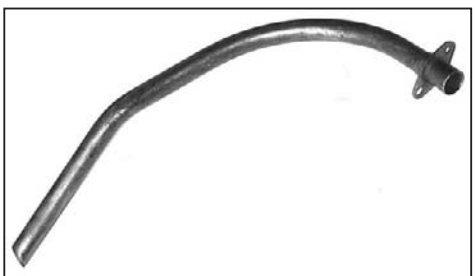

REF 118TA1626

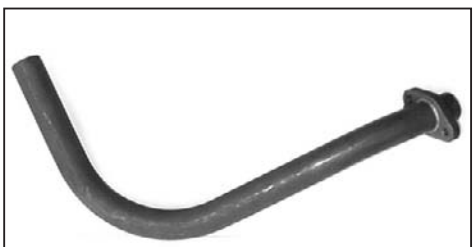
REF 105TA7173

REF 139TA3846

REF 105TA7370

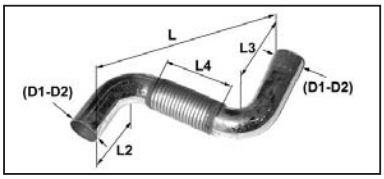
REF 105TA6917


REF 105TA6957


REF 105TA7409

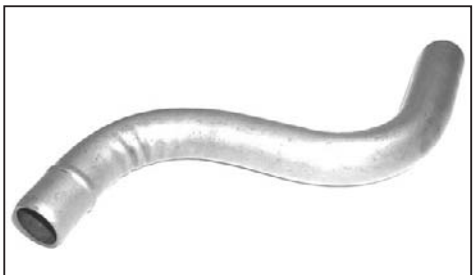
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: CLARK-SAMSUNG



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	32	32	178	80	90		118TA1531
	32	32	278	70	98		118TA1589
	35	38	400	60	75		134TA6346
	36	38	250	35	90		139TA3847
	38	38	130	30	35		105TA7303
	38	38	250	105	115		105TA7365
	38	38	330	35	150		105TA7044
	38	38	395	85	200		134TA5743
	38	40	245	75	95		134TA6110
	38	40	440	90	150		134TA6221
	38	47	580	35	65		134TA6264
	38	50	354	85	160		123TA6593

REF 118TA1531

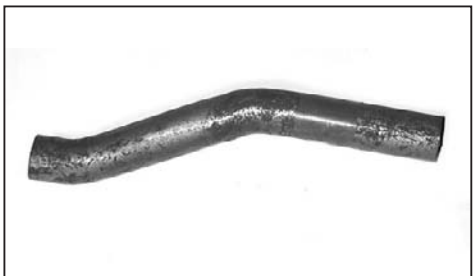

REF 118TA1589

REF 134TA6346

REF 139TA3847

REF 105TA7303

REF 105TA7365


REF 105TA7044

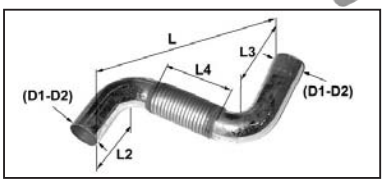
REF 134TA5743

REF 134TA6110

REF 134TA6221

REF 134TA6264

REF 123TA6593



used for: CLARK-SAMSUNG

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	38	50	400	90	205		124TA2884
	41	46	200	75	215		139TA3848
	42	44	424	60	250		108TA4540
	43	44	260	70	300	195	134TA6312
	43	50	355	50	95	185	106TA5017
	44	44	230	35	100		105TA7091
	44	44	485	60	60	285	134TA5786
	44	48	275	90	100		134TA6319
	44	49	240	20	195		105TA7369
	44	75	245	70	135		105TA7379
	45	45	295	30	80		105TA7411
	45	51	295	95	105		124TA1046

REF 124TA2884

REF 139TA3848

REF 108TA4540

REF 134TA6312

REF 106TA5017

REF 105TA7091

REF 134TA5786

REF 134TA6319

REF 105TA7369

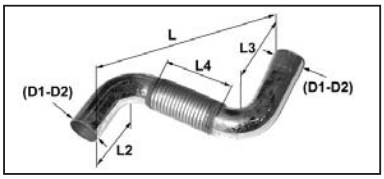
REF 105TA7379

REF 105TA7411

REF 124TA1046

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: CLARK-SAMSUNG



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	48	48	320	50	55		134TA6154
	48	48	325	55	65		106TA6314
	48	48	385	75	220		105TA7382
	48	51	320	30	60	180	123TA6595
	48	51	368	110	135		110TA8587
	48	52	375	85	120		105TA7312
	49	51	275	55	150		105TA7310
	49	51	345	55	100		134TA5870
	50	50	220	60	115		105TA7383
	50	50	360	80	210		118TA1620
	50	51	1085	60	325		118TA1627
	50	53	240	110	150		118TA1611

REF 134TA6154

REF 106TA6314

REF 105TA7382

REF 123TA6595

REF 110TA8587

REF 105TA7312

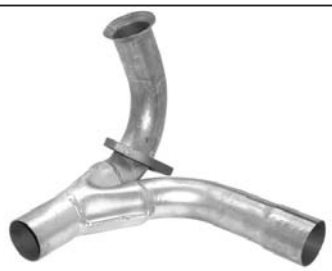
REF 105TA7310

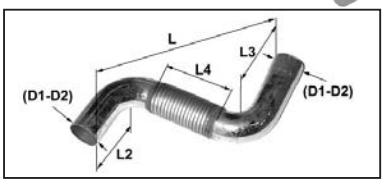
REF 134TA5870

REF 105TA7383

REF 118TA1620

REF 118TA1627


REF 118TA1611



used for: CLARK-SAMSUNG

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	50	54	308	70	105		123TA6596
	50	55	230	115	180		105TA7376
	50	55	290	90	115		118TA1567
	50	55	390	65	110		123TA6597
	50	61	644	155	230		108TA4377
	51	51	187	30	110		118TA1622
	51	51	430	110	170		105TA6960
	51	51	460	145	210		118TA1492
	51	51	465	35	275	250	105TA7214
	51	51	790	370	495		134TA6190
	51	51	1190	60	225		118TA1639
	51	51	1220	65	225		124TA2071

REF 123TA6596

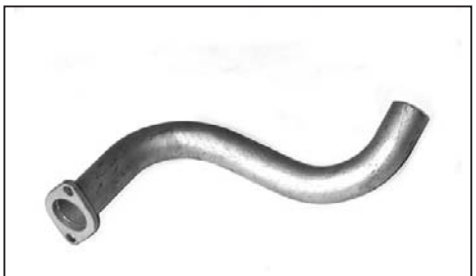
REF 105TA7376

REF 118TA1567

REF 123TA6597

REF 108TA4377

REF 118TA1622


REF 105TA6960

REF 118TA1492

REF 105TA7214

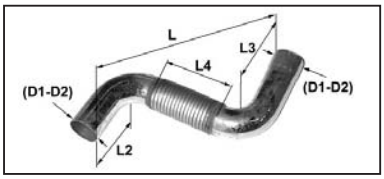
REF 134TA6190

REF 118TA1639

REF 124TA2071

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: CLARK-SAMSUNG



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	51	54	225	52	136		108TA8280
	51	54	680	138	145		118TA1572
	51	55	455	75	93		123TA6598
	51	55	645	110	130		105TA7333
	51	55	840	200	505		118TA1554
	51	56	790	145	315		139TA3849
	51	62	410	46	210		124TA2100
	54	54	405	85	300	170	118TA1608
	54	54	1250	180	200		124TA4496
	57	57	220	80	120		139TA3850
	57	58	450	85	145	295	139TA3851
	57	63	400	110	115		105TA7163

REF 108TA8280

REF 118TA1572

REF 123TA6598

REF 105TA7333

REF 118TA1554

REF 139TA3849

REF 124TA2100

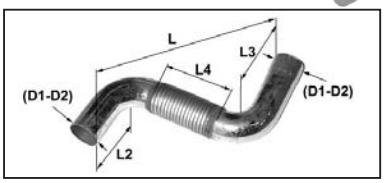
REF 118TA1608

REF 124TA4496

REF 139TA3850

REF 139TA3851

REF 105TA7163



used for: CLARK-SAMSUNG

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	57	66	260	60	70		134TA6189
	60	60	325	15	140		134TA6072
	60	60	665	260	260		118TA1612
	60	60	675	200	200	70	110TA8598
	61	66	310	45	50		105TA6992
	62	63	405	105	270		105TA7377
	62	64	775	60	90		139TA3852
	62	64	1200	50	230		123TA6599
	63	63	310	45	70	185	134TA6008
	63	63	1050	90	800		124TA7628
	63	76	420	60	110		105TA7041
	64	64	405	50	245		105TA7055

REF 134TA6189

REF 134TA6072

REF 118TA1612

REF 110TA8598

REF 105TA6992

REF 105TA7377

REF 139TA3852

REF 123TA6599

REF 134TA6008

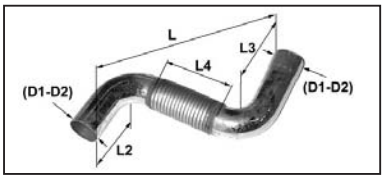
REF 124TA7628

REF 105TA7041

REF 105TA7055

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: CLARK-SAMSUNG



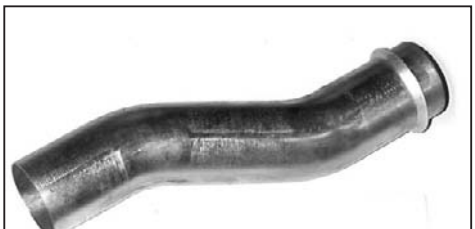
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	64	64	412	55	185		123TA6600
	64	76	345	100	195		105TA7375
	65	65	1495	50	145		105TA6997
	75	78	480	95	205		105TA7273
	76	76	385	95	120		105TA7313
	76	80	545	70	285		139TA3853
	76	81	325	130	160		105TA7037
	76	81	500	125	185	160	105TA7276
3	32	32	680	45	105		105TA7338
	38	38	485	85	215		124TA1084
	38	38	495	145	200		105TA7283
	38	38	503	70	200		108TA4453

REF 123TA6600

REF 105TA7375

REF 105TA6997

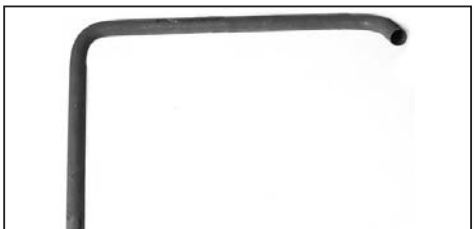
REF 105TA7273


REF 105TA7313

REF 139TA3853

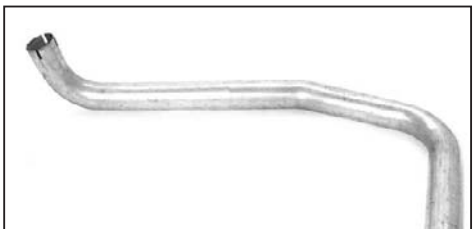
REF 105TA7037

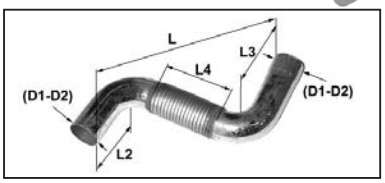
REF 105TA7276


REF 105TA7338

REF 124TA1084

REF 105TA7283

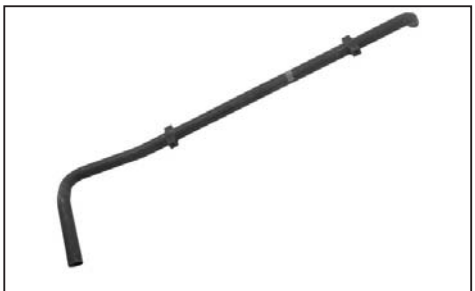

REF 108TA4453

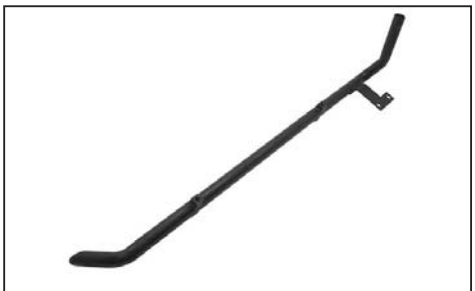


used for: CLARK-SAMSUNG

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	38	38	1100	55	115		124TA1117
	38	38	1180	45	185		124TA5157
	38	38	1235	75	180		134TA5823
	38	39	1185	65	118		118TA1644
	39	39	405	95	185		105TA7344
	39	39	470	60	140		134TA6308
	39	39	475	45	195		123TA6601
	39	41	340	85	210		139TA3854
	39	45	340	60	85		105TA7302
	39	55	450	60	80		123TA6602
	41	41	445	85	140		105TA7387
	42	47	587	80	420	150	139TA3855

REF 124TA1117


REF 124TA5157


REF 134TA5823

REF 118TA1644

REF 105TA7344

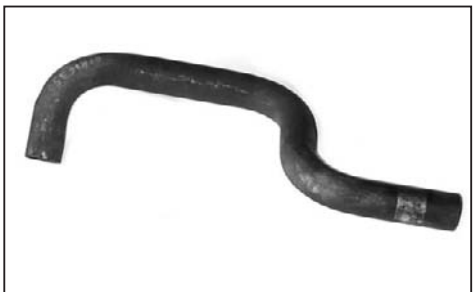
REF 134TA6308

REF 123TA6601

REF 139TA3854

REF 105TA7302

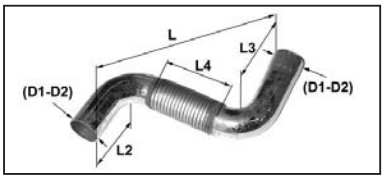
REF 123TA6602


REF 105TA7387

REF 139TA3855

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: CLARK-SAMSUNG



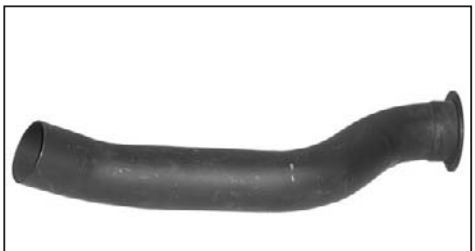
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	43	45	500	75	85		118TA1598
	44	44	410	30	45	255	134TA6111
	44	44	440	45	50	230	118TA1551
	44	45	310	35	40		134TA6086
	45	48	310	40	45		118TA1520
	45	48	530	70	115		134TA6357
	45	50	555	65	215		134TA6048
	48	48	425	30	80		123TA6603
	48	49	450	45	95		105TA7149
	48	59	565	30	155	100	110TA8600
	50	50	495	80	120		105TA7233
	50	50	865	45	460		105TA7287

REF 118TA1598

REF 134TA6111

REF 118TA1551

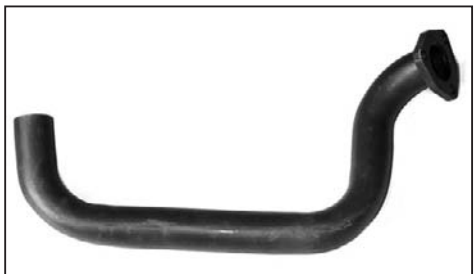
REF 134TA6086


REF 118TA1520

REF 134TA6357

REF 134TA6048

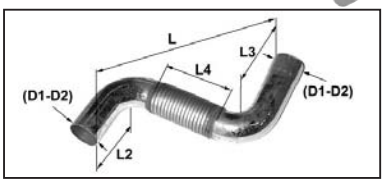
REF 123TA6603


REF 105TA7149

REF 110TA8600

REF 105TA7233

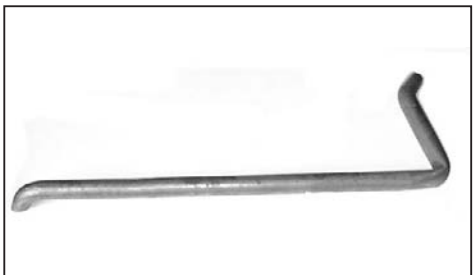
REF 105TA7287

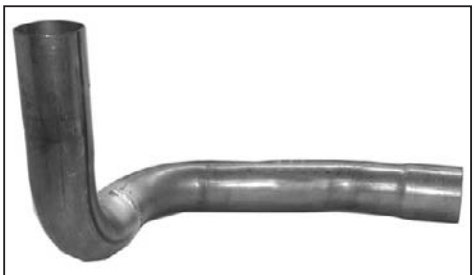


used for: CLARK-SAMSUNG

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	50	51	572	45	200		123TA6604
	50	51	1130	40	70		105TA7175
	50	54	383	110	145		118TA1560
	50	54	490	90	120		134TA6015
	50	54	1005	100	690		134TA6014
	50	57	475	20	225	140	105TA6965
	50	64	405	80	175		105TA7094
	51	51	275	30	55		105TA7404
	51	51	450	90	100		105TA7246
	51	51	520	25	220		105TA7342
	51	51	595	70	110		123TA6605
	51	51	610	90	150		118TA1473

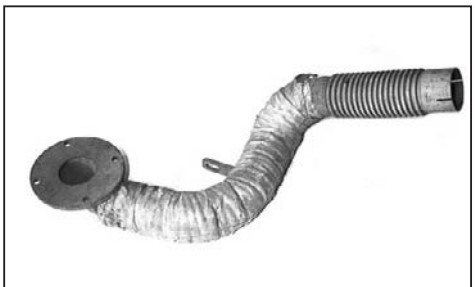
REF 123TA6604


REF 105TA7175


REF 118TA1560

REF 134TA6015

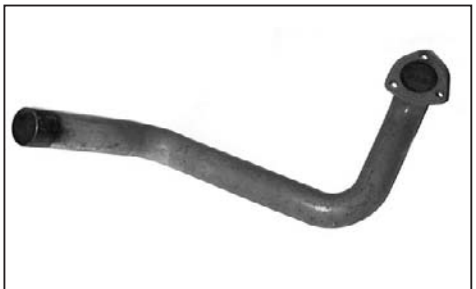
REF 134TA6014


REF 105TA6965

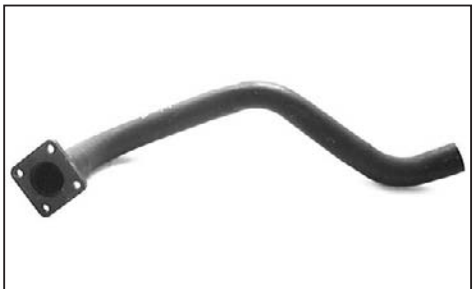
REF 105TA7094

REF 105TA7404

REF 105TA7246

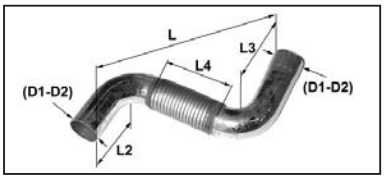

REF 105TA7342

REF 123TA6605


REF 118TA1473

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: CLARK-SAMSUNG



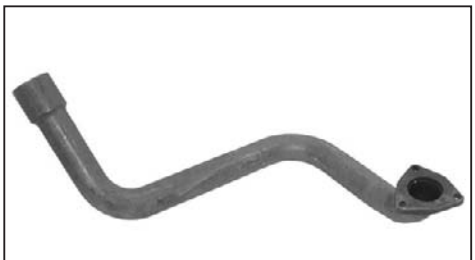
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	51	51	910	235	305		105TA7208
	51	52	1100	50	320		134TA5947
	51	55	425	155	190		118TA1594
	51	63	475	20	100		123TA6606
	51	63	588	43	207		110TA8592
	55	65	655	150	270		134TA5894
	55	67	645	140	270	145	118TA1605
	57	57	490	100	100		105TA7329
	57	74	840	170	205		105TA7156
	60	63	400	30	125		134TA6279
	60	75	495	105	130	90	123TA6607
	62	63	1362	30	110		118TA1619

REF 105TA7208

REF 134TA5947

REF 118TA1594

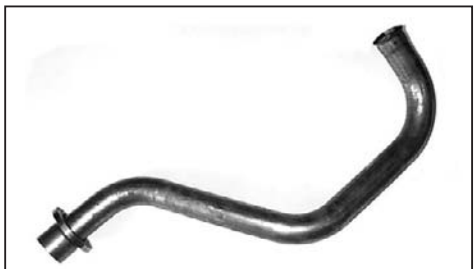
REF 123TA6606


REF 110TA8592

REF 134TA5894

REF 118TA1605

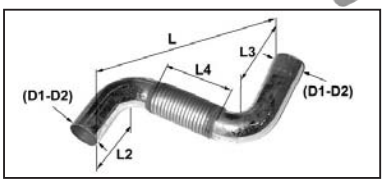
REF 105TA7329


REF 105TA7156

REF 134TA6279

REF 123TA6607

REF 118TA1619



used for: CLARK-SAMSUNG

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	63	63	480	70	210		118TA1693
	63	63	485	45	270		105TA6963
	63	77	450	35	160		105TA7323
	75	75	815	115	540		105TA6998
	75	80	982	142	155		134TA5724
	76	76	780	80	520		105TA7176
4	36	51	1555	50	80		134TA6103
	38	38	470	90	100		134TA5921
	38	38	482	45	60		134TA6294
	38	39	450	85	210		105TA7255
	38	46	378	30	75		139TA3856
	39	50	1195	40	180		124TA1080

REF 118TA1693

REF 105TA6963

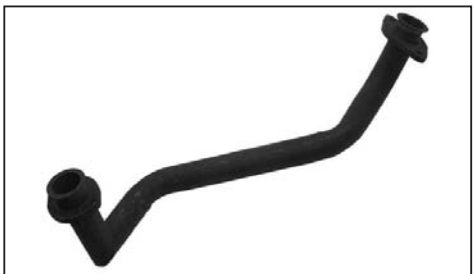
REF 105TA7323

REF 105TA6998

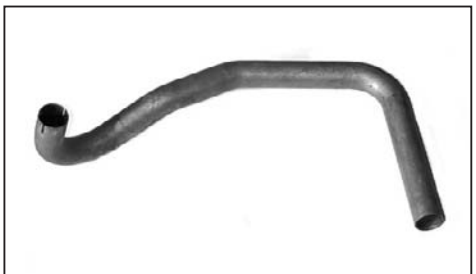
REF 134TA5724

REF 105TA7176

REF 134TA6103


REF 134TA5921

REF 134TA6294

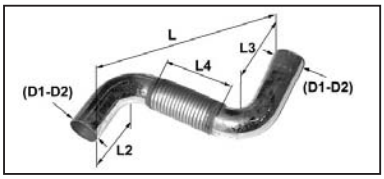

REF 105TA7255

REF 139TA3856

REF 124TA1080

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: CLARK-SAMSUNG



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	40	42	750	45	120	140	134TA5911
	40	52	1205	50	80		134TA5712
	41	42	410	35	75	135	134TA5915
	42	42	720	40	165	140	134TA5811
	42	57	730	125	130	170	134TA5657
	45	50	540	65	160		134TA6195
	45	50	545	70	148		118TA1648
	45	51	735	60	90		123TA6608
	48	48	770	50	80		124TA4494
	48	51	1015	55	110		134TA5822
	48	52	510	65	125		124TA7627
	48	54	613	30	100	145	139TA3857

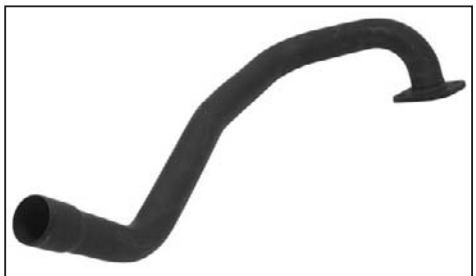
REF 134TA5911

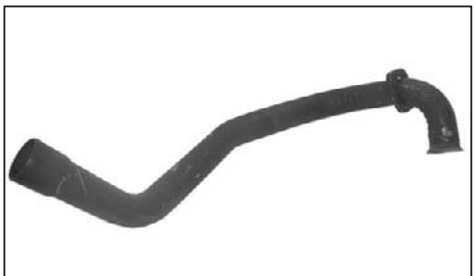
REF 134TA5712

REF 134TA5915

REF 134TA5811

REF 134TA5657

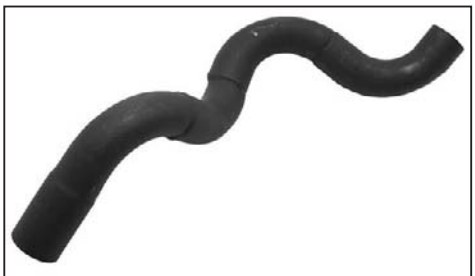

REF 134TA6195


REF 118TA1648

REF 123TA6608

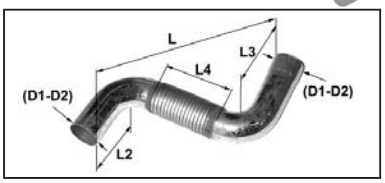
REF 124TA4494

REF 134TA5822


REF 124TA7627

REF 139TA3857

used for: CLARK-SAMSUNG



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	50	50	465	40	70		134TA5875
	50	55	675	95	100		118TA1536
	51	51	530	95	120		105TA7210
	51	51	630	37	165		134TA6213
	51	51	703	110	160		108TA4478
	51	51	710	50	110		124TA2871
	51	51	990	75	100		139TA3858
	51	53	1555	50	90		108TA4469
	54	63	625	120	145	150	123TA6609
	54	63	630	100	140	140	123TA6610
	76	76	820	100	110		118TA1542
5	37	39	795	30	75		134TA6155

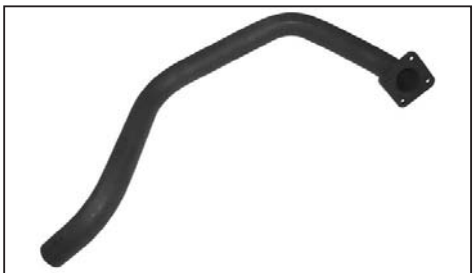
REF 134TA5875

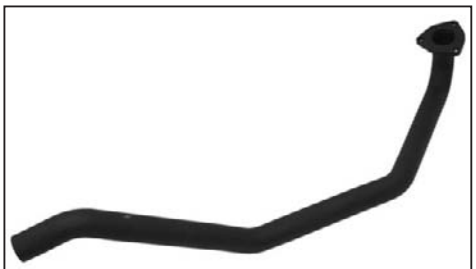
REF 118TA1536

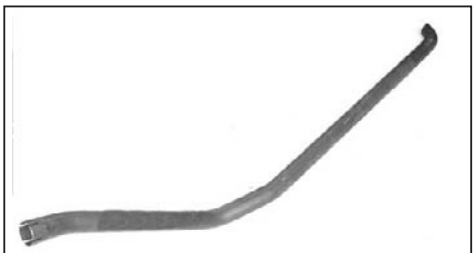
REF 105TA7210

REF 134TA6213

REF 108TA4478


REF 124TA2871


REF 139TA3858


REF 108TA4469

REF 123TA6609

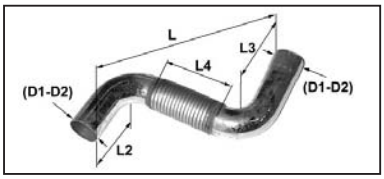
REF 123TA6610

REF 118TA1542

REF 134TA6155

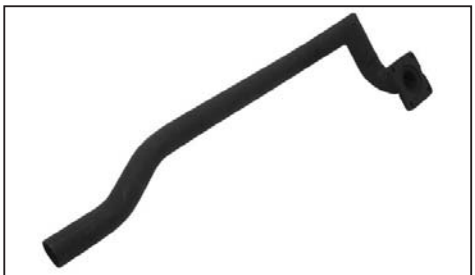
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

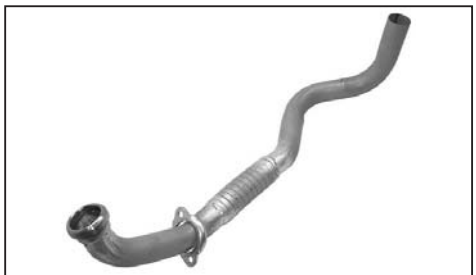
used for: CLARK-SAMSUNG



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
5	39	39	750	20	70		124TA2105
	40	40	580	30	90		134TA5863
	41	42	590	70	120	135	134TA5903
	42	42	550	50	125	130	134TA5907
	42	57	625	50	390	140	139TA3859
	44	51	470	60	70		105TA7328
	51	51	530	100	115		105TA7042
	62	88	775	65	95		134TA5621
	68	89	705	45	90		108TA4526
6	43	54	440	20	98		110TA9611
	45	45	6156	10	120		105TA7211
7	48	48	710	75	90	145	118TA1604

REF 124TA2105


REF 134TA5863


REF 134TA5903

REF 134TA5907

REF 139TA3859

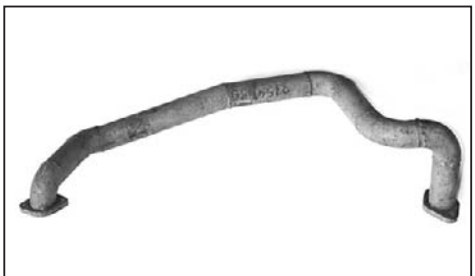
REF 105TA7328

REF 105TA7042

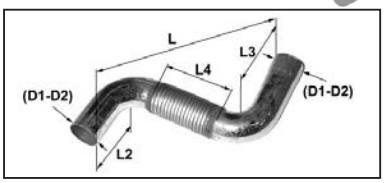
REF 134TA5621

REF 108TA4526

REF 110TA9611


REF 105TA7211

REF 118TA1604

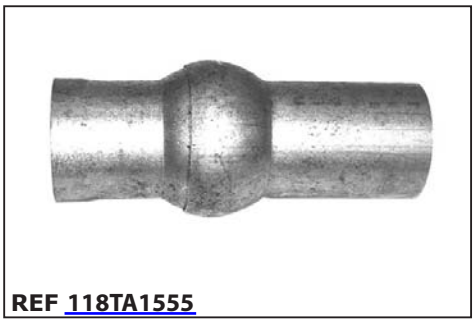


used for: COVENTRY CLIMAX

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	39	39	500				124TA7244
	44	44	1125				134TA6156
	45	47	140				118TA1555
	45	50	585			465	134TA6325
	57	57	193				124TA7238
	57	57	495				124TA7240
	75	124	325				108TA4524
1	45	45	345	70	270	205	123TA6611
	45	47	445	75	385	310	118TA1528
	48	48	825	15			134TA6323
	49	49	360	210	250		134TA6120
	49	51	237	76	207		118TA1559

REF 124TA7244

REF 134TA6156


REF 118TA1555

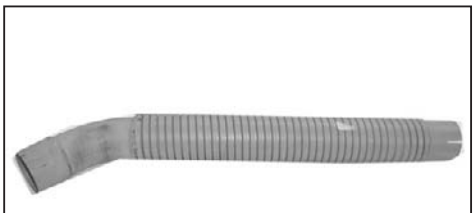
REF 134TA6325

REF 124TA7238

REF 124TA7240

REF 108TA4524

REF 123TA6611


REF 118TA1528

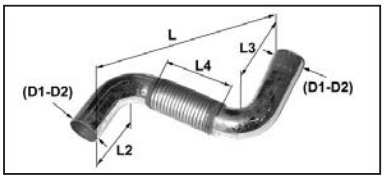
REF 134TA6323

REF 134TA6120

REF 118TA1559

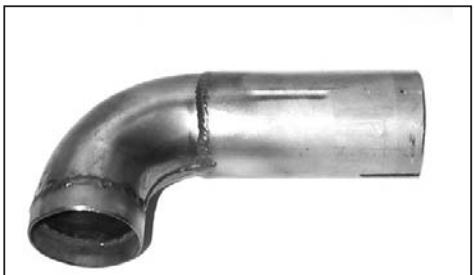
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: COVENTRY CLIMAX

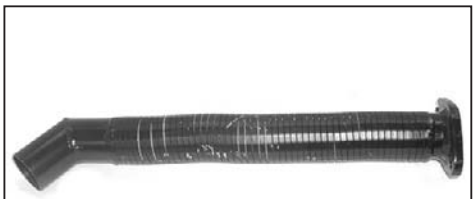


Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	50	51	860	90	830	690	134TA5898
	51	51	135	30	113		108TA4398
	51	51	145	80	80		134TA5702
	51	51	445	53	413	350	118TA1595
	51	56	132	43	86		134TA5710
	55	51	305	150	225		124TA7237
	102	102	2760	120	2720		124TA1068
	102	124	515	80	503		110TA9616
2	40	43	200	40	95		134TA5598
	41	41	198	25	150		111TA1917
	42	42	460	65	380		105TA7345
	45	45	135	105	130		118TA1692

REF 134TA5898


REF 108TA4398

REF 134TA5702


REF 118TA1595

REF 134TA5710

REF 124TA7237

REF 124TA1068

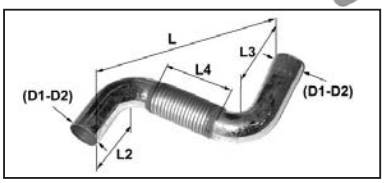
REF 110TA9616

REF 134TA5598

REF 111TA1917

REF 105TA7345

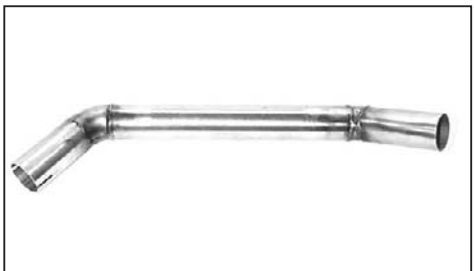
REF 118TA1692



used for: COVENTRY CLIMAX

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	45	45	290	60	85		134TA6133
	45	45	448	100	105		108TA4451
	50	51	520	70	465	340	134TA6093
	50	54	765	140	195	340	123TA6612
3	41	54	1083	45	705		123TA6613
	42	47	530	110	120		106TA5030
4	45	45	635	60	120		105TA6988
5	42	42	645	50	80		105TA7264
	68	89	705	45	90		108TA4527

REF 134TA6133


REF 108TA4451

REF 134TA6093

REF 123TA6612

REF 123TA6613

REF 106TA5030

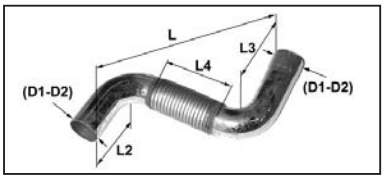
REF 105TA6988

REF 105TA7264

REF 108TA4527

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

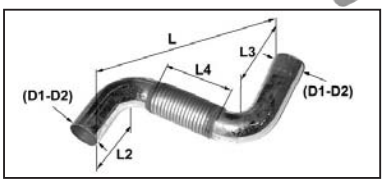
used for: CROWN



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	42	42	328	75	255	140	139TA3860

REF 139TA3860

used for: DANTRUCK

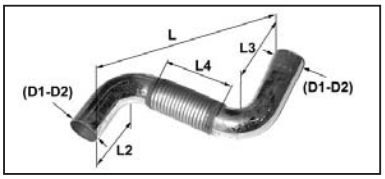


Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	60	76	190	130	210		134TA5983

REF 134TA5983

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: DESTA

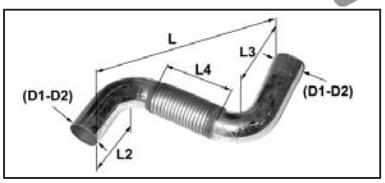


Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	51	58	117	62	94		118TA1519
3	40	40	1230	40	850	180	104TA5969

REF 118TA1519

REF 104TA5969

used for: DIECI



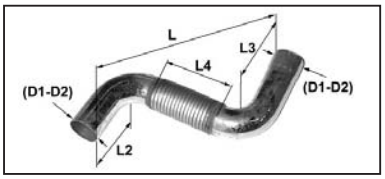
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	65	65	550	110	150		134TA6271
	65	67	1480	85	375	975	134TA6083

REF 134TA6271

REF 134TA6083

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

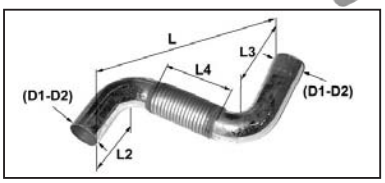
used for: FANTUZZI



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	70	76	123	40	135		134TA6211
2	29	29	380	80	170		139TA3861

REF 134TA6211

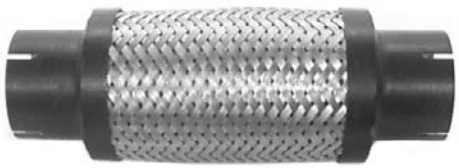
REF 139TA3861



used for: FENWICK & PEG

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	45	45	1035				105TA7235
	59	59	232			147	134TA5616
1	40	46	1710	53	1680	825	134TA5665
	42	42	472	460	40	410	134TA5619
	43	45	480	35	470	445	105TA7358
	48	48	215	90	105		108TA4393
	50	52	210	90	175		105TA7355
	56	59	610	145	480		105TA7232
2	45	48	400	80	450		105TA7039
	48	49	215	20	65		105TA7395
	56	60	370	65	70		134TA5932
3	60	79	1775	30	125		134TA5674

REF 105TA7235


REF 134TA5616

REF 134TA5665

REF 134TA5619

REF 105TA7358

REF 108TA4393

REF 105TA7355

REF 105TA7232

REF 105TA7039

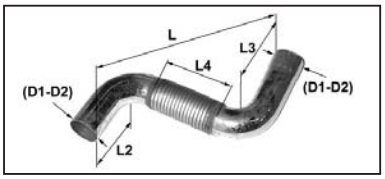
REF 105TA7395

REF 134TA5932

REF 134TA5674

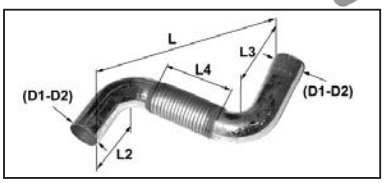
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: FENWICK & PEG



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	55	58	1067	20	165		134TA5636

REF 134TA5636



used for: GENIE

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	51	63	250	105	140	65	134TA6174
	69	74	705	20	690	535	134TA5889
	70	84	185	110	115		139TA3862
	125	125	75	40	40		134TA6035
2	35	35	245	63	67		134TA6348
	39	38	390	35	240		139TA3863
	48	48	570	140	310		134TA6040
	63	63	320	60	140		134TA6173
	76	82	1360	115	260		139TA3864
3	48	48	650	25	200		134TA6162
	48	48	650	25	250		134TA6047
	50	50	375	20	120		134TA6016

REF 134TA6174

REF 134TA5889

REF 139TA3862

REF 134TA6035

REF 134TA6348

REF 139TA3863

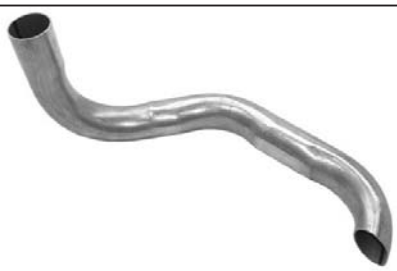
REF 134TA6040

REF 134TA6173

REF 139TA3864

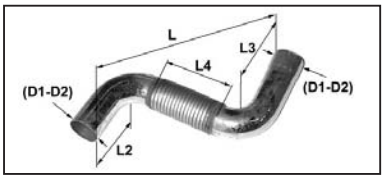
REF 134TA6162

REF 134TA6047


REF 134TA6016

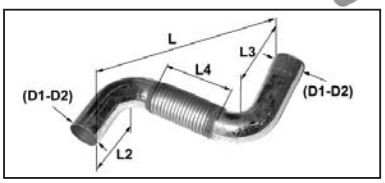
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: GENIE



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	47	55	565	40	170		134TA6039

REF 134TA6039



used for: GROVE

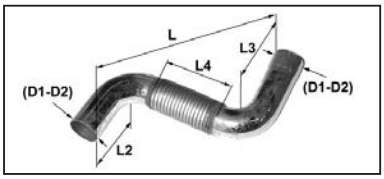
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	64	69	235	80	210		134TA6204
4	63	68	510	40	100		139TA3865

REF 134TA6204

REF 139TA3865

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: HANGZHOU / HC / HANGCHA



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	40	45	570	80	275		139TA3866
	40	45	575	85	290		134TA6167
	42	38	515	115	270		139TA3867
	42	42	570	85	270		134TA6193
3	36	42	750	45	140		139TA3868
4	41	41	420	60	150		134TA6236
6	41	41	600	35	50		134TA6166
7	42	42	800	30	60		134TA6163

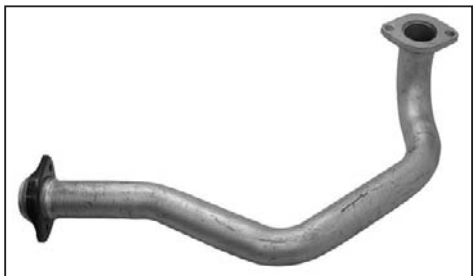
REF 139TA3866

REF 134TA6167

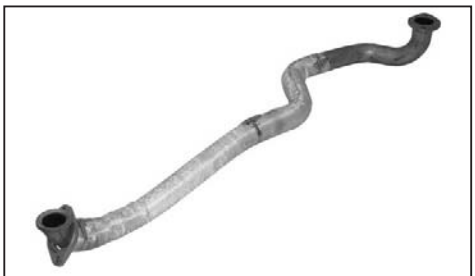
REF 139TA3867

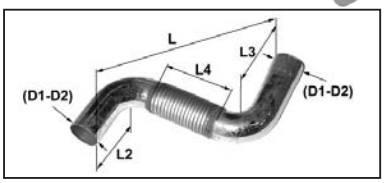
REF 134TA6193

REF 139TA3868


REF 134TA6236

REF 134TA6166


REF 134TA6163



used for: HARLAN

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	51	54	255	145	190		139TA3869
	62	64	280	115	225		139TA3870
	62	67	220	110	165		139TA3871
3	51	51	910	235	305		139TA3872

REF 139TA3869

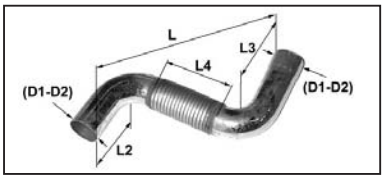
REF 139TA3870

REF 139TA3871

REF 139TA3872

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

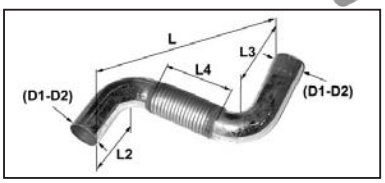
used for: HAULOTTE



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	49	49	570	85	150		138TA7343
3	45	45	670	15	65		139TA3873

REF 138TA7343

REF 139TA3873



used for: HELI

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	54	57	245	83	185		134TA5590
2	38	47	530	105	300	135	134TA5709
	53	70	490	170	190		134TA5596
	54	57	580	130	230	170	139TA3874
3	38	42	465	125	125		134TA5698
	54	57	660	40	120		139TA3875
4	38	38	670	90	105	140	134TA5704
5	33	33	580	80	105	80	134TA6309
	38	38	850	40	120		134TA5830
	42	42	610	15	140		139TA3876

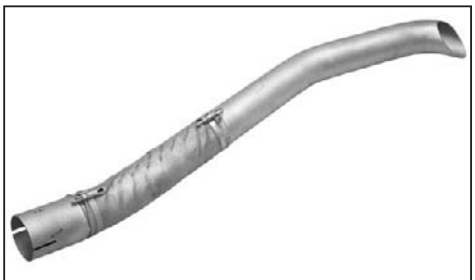
REF 134TA5590

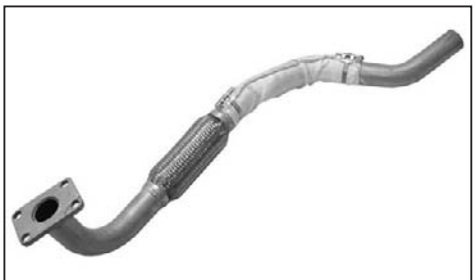
REF 134TA5709

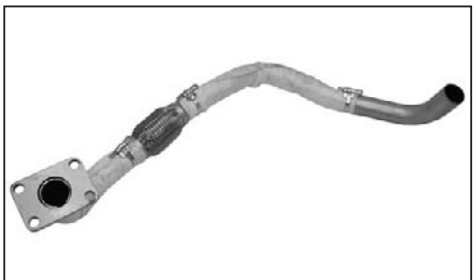
REF 134TA5596

REF 139TA3874

REF 134TA5698


REF 139TA3875


REF 134TA5704

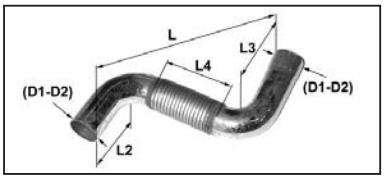

REF 134TA6309

REF 134TA5830

REF 139TA3876

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

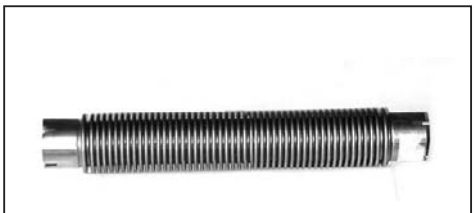
used for: HYSTER



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	36	37	200			145	105TA7394
	46	46	270			195	134TA6091
	46	46	355			285	105TA7113
	48	48	480			225	105TA7200
	50	55	140				108TA4381
	53	53	252			200	106TA6315
	53	54	308			230	108TA4446
	54	54	255			96	134TA6186
	63	63	115				110TA8591
	76	79	500				139TA3877
	107	107	330				139TA3878
1	32	32	93	42	60		118TA1680

REF 105TA7394

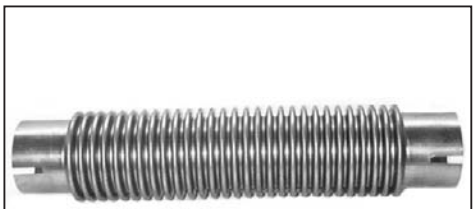
REF 134TA6091


REF 105TA7113

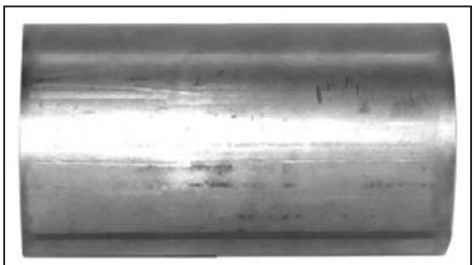
REF 105TA7200

REF 108TA4381

REF 106TA6315


REF 108TA4446

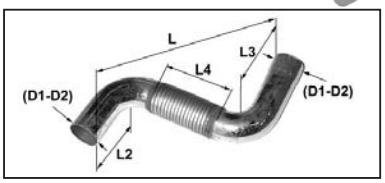
REF 134TA6186


REF 110TA8591

REF 139TA3877

REF 139TA3878

REF 118TA1680



used for: HYSTER

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	32	32	120	70	140		118TA1522
	32	35	108	95	125		105TA6888
	34	34	99	43	55		139TA3879
	35	35	62	29	32		134TA6065
	35	35	240	20	220		105TA7262
	38	38	130	50	145		139TA3880
	38	38	133	87	148		110TA8611
	38	44	400	165	345		118TA1694
	38	49	345	140	240	155	134TA6136
	39	39	210	80	230		105TA6927
	42	42	328	75	255	140	139TA3882
	42	45	400	165	345		123TA6617

REF 118TA1522

REF 105TA6888

REF 139TA3879

REF 134TA6065

REF 105TA7262

REF 139TA3880

REF 110TA8611

REF 118TA1694

REF 134TA6136

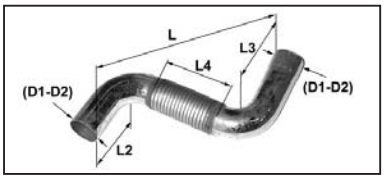
REF 105TA6927

REF 139TA3882

REF 123TA6617

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: HYSTER



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	43	56	1020	110	1000		123TA6618
	44	44	150	20	130		105TA7410
	45	45	395	190	270		105TA7078
	45	48	195	110	140		105TA7160
	45	48	225	110	185		105TA7401
	45	49	400	160	345		124TA7616
	47	48	170	90	115		105TA7083
	47	50	360	115	275		108TA4554
	48	48	110	55	55		134TA5892
	48	48	280	70	210		105TA7293
	49	49	420	190	260		124TA4497
	50	50	120	80	115		105TA6954

REF 123TA6618

REF 105TA7410

REF 105TA7078

REF 105TA7160

REF 105TA7401

REF 124TA7616

REF 105TA7083

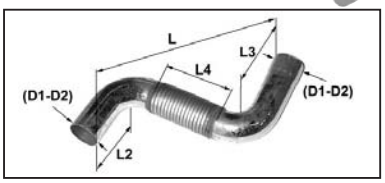
REF 108TA4554

REF 134TA5892

REF 105TA7293

REF 124TA4497

REF 105TA6954



used for: HYSTER

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	50	50	255	90	160		110TA8610
	50	54	470	95	435		105TA7157
	51	51	125	60	72		124TA7621
	51	51	128	40	90		134TA5871
	51	51	185	80	150		134TA6171
	51	51	195	55	150		139TA3883
	51	51	244	88	150		124TA2066
	51	51	260	80	250		105TA7074
	51	51	270	70	215		105TA7403
	51	51	285	95	195		139TA3884
	51	51	630	25	605		105TA6929
	51	54	470	100	430		105TA6949

REF 110TA8610

REF 105TA7157

REF 124TA7621

REF 134TA5871

REF 134TA6171

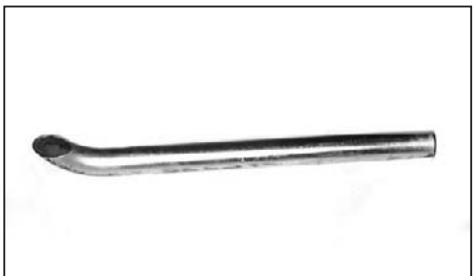
REF 139TA3883

REF 124TA2066

REF 105TA7074

REF 105TA7403

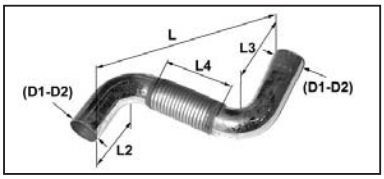
REF 139TA3884


REF 105TA6929

REF 105TA6949

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: HYSTER



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	51	55	275	105	220		134TA6180
	51	58	400	40	370		105TA6902
	51	60	115	85	110		123TA6620
	51	72	230	140	155		134TA6178
	55	50	75	15	55		139TA3885
	55	55	380	240	260	185	105TA7141
	56	56	325	180	180		105TA7005
	57	57	155	55	115		105TA6942
	57	57	170	90	100		105TA7047
	57	64	117	55	72		134TA6038
	63	64	230	100	170		105TA7046
	64	64	213	95	155		105TA6889

REF 134TA6180

REF 105TA6902

REF 123TA6620

REF 134TA6178

REF 139TA3885

REF 105TA7141

REF 105TA7005

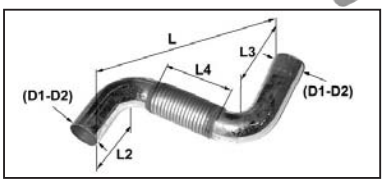
REF 105TA6942

REF 105TA7047

REF 134TA6038

REF 105TA7046

REF 105TA6889



used for: HYSTER

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	68	73	175	30	140		139TA3886
	69	89	220	125	145		105TA6909
	70	74	485	170	430		105TA7321
	70	74	490	205	460		139TA3887
	76	76	235	115	135		139TA3888
	76	76	270	95	225		105TA6975
	76	76	498	127	375		118TA1657
	76	76	1270	120	1180		139TA3889
	76	77	940	20	920		105TA7142
	76	80	175	90	130		105TA7114
	76	81	675	50	635		105TA6948
	76	89	250	125	175		105TA7301

REF 139TA3886

REF 105TA6909

REF 105TA7321

REF 139TA3887

REF 139TA3888

REF 105TA6975

REF 118TA1657

REF 139TA3889

REF 105TA7142

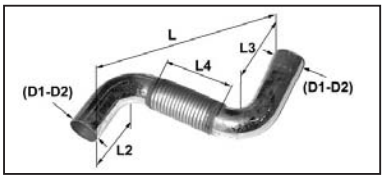
REF 105TA7114

REF 105TA6948

REF 105TA7301

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: HYSTER



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	98	105	440	95	405		105TA7036
	100	100	900	120	860		134TA6307
	100	105	190	115	115		105TA7116
	101	101	375	180	200		105TA7309
	101	101	685	110	650		105TA6946
2	29	29	380	80	170		124TA7615
	31	32	388	70	175		108TA4504
	32	32	170	70	110		105TA7318
	32	32	305	60	125		105TA7084
	32	32	390	95	100		105TA7063
	32	34	220	70	130		105TA6955
	32	34	460	70	120		105TA7164

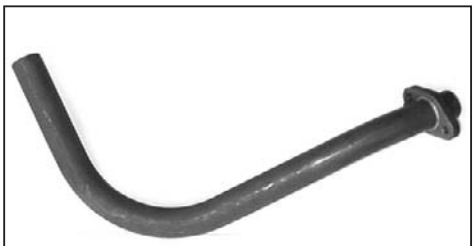
REF 105TA7036

REF 134TA6307

REF 105TA7116

REF 105TA7309

REF 105TA6946


REF 124TA7615

REF 108TA4504

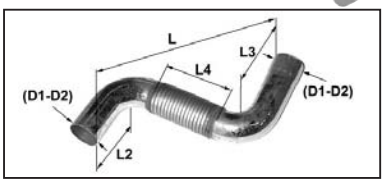
REF 105TA7318

REF 105TA7084

REF 105TA7063

REF 105TA6955

REF 105TA7164



used for: HYSTER

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	32	34	475	90	260		124TA2859
	32	36	315	85	110		105TA7053
	32	39	236	40	55		134TA6311
	33	38	265	45	110		134TA5726
	35	35	210	50	60		139TA3890
	35	35	253	55	80		108TA4483
	35	38	215	65	100		105TA7050
	35	38	333	80	175		108TA4489
	38	38	196	90	90		139TA3891
	38	38	200	45	80		105TA7257
	38	38	230	55	70		105TA7004
	38	38	260	65	190		139TA3892

REF 124TA2859

REF 105TA7053

REF 134TA6311

REF 134TA5726

REF 139TA3890

REF 108TA4483

REF 105TA7050

REF 108TA4489

REF 139TA3891

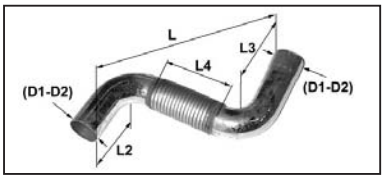
REF 105TA7257

REF 105TA7004

REF 139TA3892

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: HYSTER



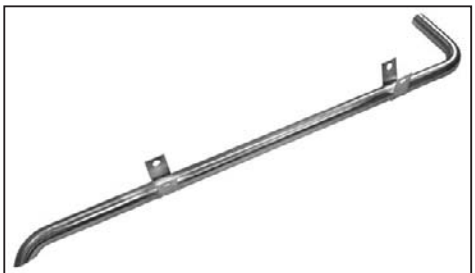
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	38	38	315	65	100		105TA7052
	38	38	385	90	110		118TA1556
	38	38	385	95	115		139TA3893
	38	38	480	100	230		139TA3894
	38	38	1130	25	170		124TA7622
	38	41	1150	30	230		139TA3895
	38	42	405	110	320		139TA3896
	38	42	1105	10	220		139TA3897
	38	42	1115	20	160		139TA3898
	38	44	140	40	40		139TA3899
	38	44	1110	35	220		134TA6344
	38	44	1120	20	130		139TA3900

REF 105TA7052

REF 118TA1556

REF 139TA3893

REF 139TA3894


REF 124TA7622

REF 139TA3895

REF 139TA3896

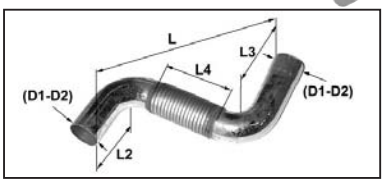
REF 139TA3897

REF 139TA3898

REF 139TA3899

REF 134TA6344

REF 139TA3900



used for: HYSTER

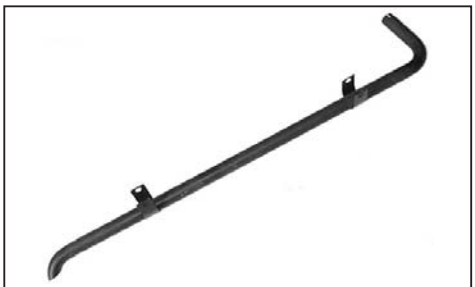
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	38	44	1180	30	255		134TA5880
	38	50	1160	20	240		139TA3901
	38	51	420	100	185		139TA3902
	38	62	337	78	174		123TA6622
	39	39	1145	15	160		105TA7171
	39	39	1260	15	400		105TA7170
	41	41	280	100	140		118TA1677
	42	51	375	225	290		139TA3903
	44	45	220	40	60		105TA7362
	45	45	89	30	45		105TA7343
	45	45	352	110	115		134TA6127
	45	45	1025	20	110		105TA7181

REF 134TA5880

REF 139TA3901

REF 139TA3902

REF 123TA6622


REF 105TA7171

REF 105TA7170

REF 118TA1677

REF 139TA3903

REF 105TA7362

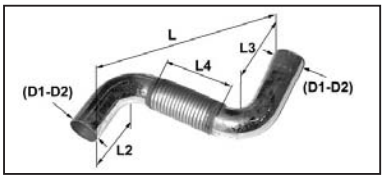
REF 105TA7343

REF 134TA6127

REF 105TA7181

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: HYSTER



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	45	45	1160	50	145		124TA7623
	45	51	400	184	330		139TA3904
	45	67	65	35	50		134TA5978
	47	49	405	60	260		134TA6170
	48	48	190	105	125		124TA7250
	48	48	425	75	80		105TA7079
	48	50	1000	40	125		108TA4380
	50	50	265	55	90		105TA7294
	50	50	290	85	140		110TA9623
	50	50	315	95	110		105TA7311
	50	50	340	20	100		139TA3905
	50	50	410	60	270		134TA5950

REF 124TA7623

REF 139TA3904

REF 134TA5978

REF 134TA6170

REF 124TA7250

REF 105TA7079

REF 108TA4380

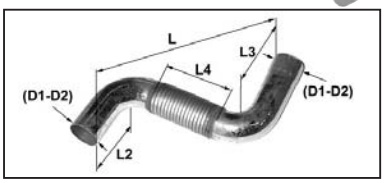
REF 105TA7294

REF 110TA9623

REF 105TA7311

REF 139TA3905

REF 134TA5950



used for: HYSTER

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	50	50	478	134	200		110TA9622
	50	52	265	42	242		108TA8888
	50	54	267	50	155		134TA6044
	50	55	1015	20	110		134TA6202
	50	56	403	40	200		105TA6931
	50	82	1065	25	130		105TA6926
	51	51	250	80	140		105TA7179
	51	51	280	25	220		139TA3906
	51	51	340	100	210		105TA6903
	51	51	370	202	220		134TA5938
	51	54	515	280	290		124TA2093
	51	55	205	70	110		105TA7361

REF 110TA9622

REF 108TA8888

REF 134TA6044

REF 134TA6202

REF 105TA6931

REF 105TA6926

REF 105TA7179

REF 139TA3906

REF 105TA6903

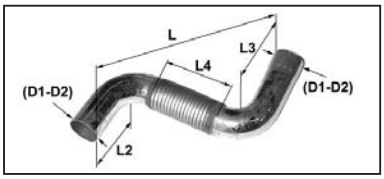
REF 134TA5938

REF 124TA2093

REF 105TA7361

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: HYSTER



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	51	55	1170	22	260		118TA1690
	62	62	345	95	220	140	139TA3907
	62	76	230	110	145		105TA6901
	63	63	230	80	85		134TA6132
	65	65	1495	50	145		123TA6623
	69	74	1850	45	225		108TA4376
	69	74	1860	80	250		139TA3908
	70	73	575	210	225		105TA6899
	70	74	1855	60	170		108TA4388
	71	77	403	90	110		134TA6356
	75	75	375	20	105		139TA3909
	75	77	635	55	80		105TA7167

REF 118TA1690

REF 139TA3907

REF 105TA6901

REF 134TA6132

REF 123TA6623

REF 108TA4376

REF 139TA3908

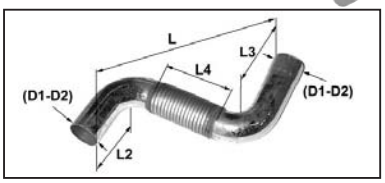
REF 105TA6899

REF 108TA4388

REF 134TA6356

REF 139TA3909

REF 105TA7167



used for: HYSTER

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	75	80	1230	100	350		134TA5885
	76	76	530	80	420		105TA7282
	76	76	660	90	580		105TA7209
	76	88	310	75	177		118TA1548
	77	77	745	65	395		134TA5719
	100	100	380	100	120		139TA3910
	127	127	240	60	100		139TA3911
3	32	35	685	55	205		105TA7086
	35	35	345	30	130	155	105TA7405
	35	35	605	100	120		105TA7121
	35	38	195	65	65		139TA3912
	35	38	345	105	110		134TA6158

REF 134TA5885

REF 105TA7282

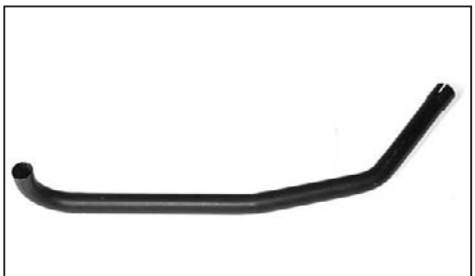
REF 105TA7209

REF 118TA1548

REF 134TA5719

REF 139TA3910

REF 139TA3911


REF 105TA7086

REF 105TA7405

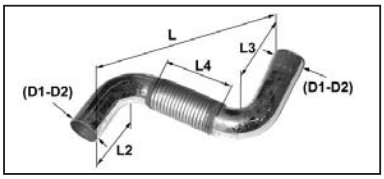
REF 105TA7121

REF 139TA3912

REF 134TA6158

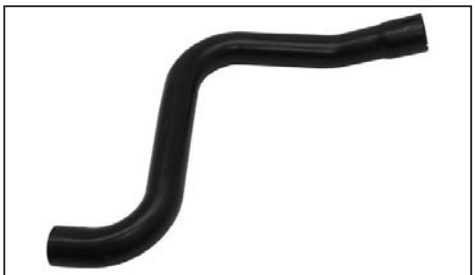
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: HYSTER



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	35	38	455	80	90		108TA4414
	35	40	420	60	90		134TA5864
	35	40	485	70	80		134TA5900
	36	38	485	70	80		105TA6907
	37	37	368	65	120		118TA1534
	37	38	340	80	80		134TA6360
	38	38	310	60	70		134TA5803
	38	38	415	75	115		110TA8604
	38	38	450	100	105		108TA4533
	38	38	465	75	90		134TA5844
	38	38	475	70	70		134TA5817
	38	38	520	60	195		134TA5974

REF 108TA4414


REF 134TA5864

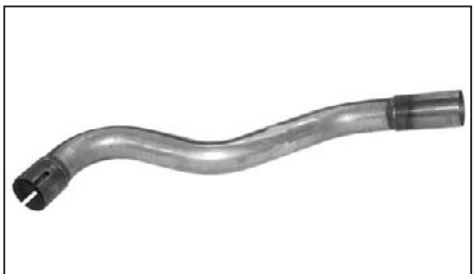
REF 134TA5900

REF 105TA6907

REF 118TA1534

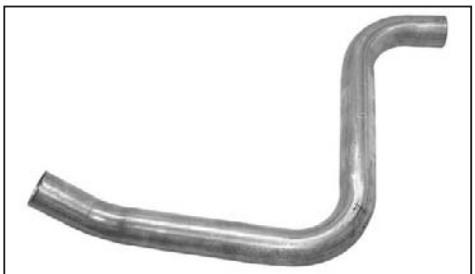
REF 134TA6360

REF 134TA5803

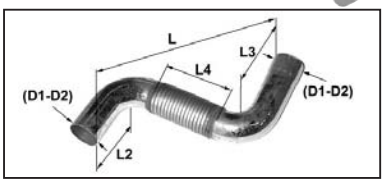

REF 110TA8604

REF 108TA4533

REF 134TA5844


REF 134TA5817

REF 134TA5974



used for: HYSTER

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	38	38	520	75	195		123TA6624
	38	38	650	70	120		118TA1475
	38	42	460	70	75		123TA6625
	38	42	463	65	120		118TA1523
	39	42	430	75	100		110TA8588
	39	45	340	60	85		139TA3913
	40	60	375	75	80		134TA5941
	41	41	400	90	110		139TA3914
	43	43	425	80	90	140	139TA3915
	44	44	773	146	150		118TA1533
	44	47	594	72	90		124TA7618
	44	52	1190	30	90		111TA3676

REF 123TA6624

REF 118TA1475

REF 123TA6625

REF 118TA1523

REF 110TA8588

REF 139TA3913

REF 134TA5941

REF 139TA3914

REF 139TA3915

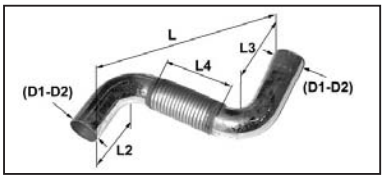
REF 118TA1533

REF 124TA7618

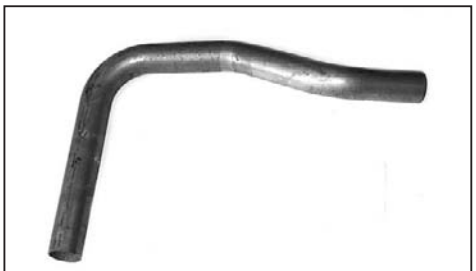
REF 111TA3676

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: HYSTER



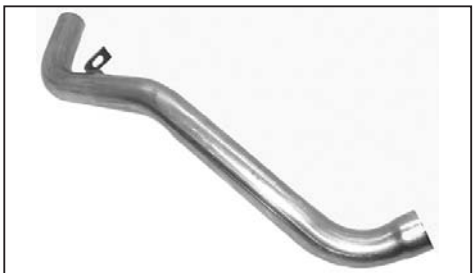
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	45	45	500	120	265		105TA7145
	45	45	1075	25	185		105TA7230
	45	47	500	60	60		139TA3916
	45	47	715	40	125		105TA7288
	45	48	530	70	100		118TA1703
	50	51	470	60	135		139TA3917
	50	51	955	40	50		108TA4444
	50	54	330	60	90		134TA6265
	50	54	785	110	295		108TA4412
	50	55	625	75	160		134TA5967
	51	51	340	75	130		134TA5502
	51	51	375	75	165		124TA7620


REF 105TA7145

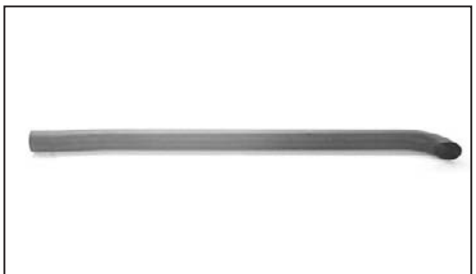
REF 105TA7230

REF 139TA3916

REF 105TA7288

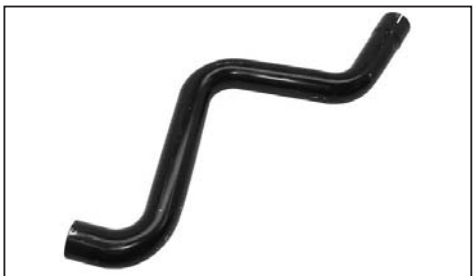

REF 118TA1703

REF 139TA3917


REF 108TA4444

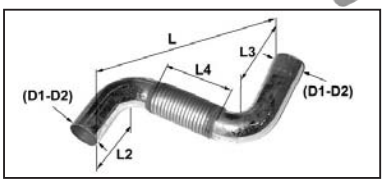
REF 134TA6265

REF 108TA4412


REF 134TA5967

REF 134TA5502

REF 124TA7620



used for: HYSTER

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	51	51	465	70	150		134TA6306
	51	51	535	170	175		105TA7110
	51	51	565	50	105		105TA7190
	51	54	295	65	105		105TA7012
	51	55	555	70	130		123TA6626
	55	101	510	70	270		139TA3918
	57	59	800	90	110		105TA7349
	58	58	587	66	70		110TA9610
	64	75	710	115	275		105TA7413
	73	73	1085	100	535		134TA6304
	76	76	705	95	150		105TA6971
	100	100	465	57	80		118TA1593

REF 134TA6306

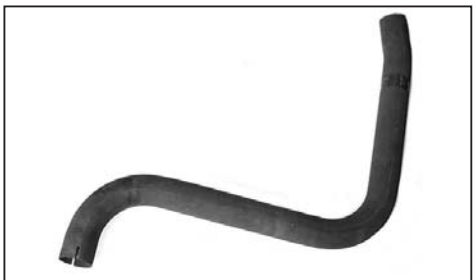
REF 105TA7110

REF 105TA7190

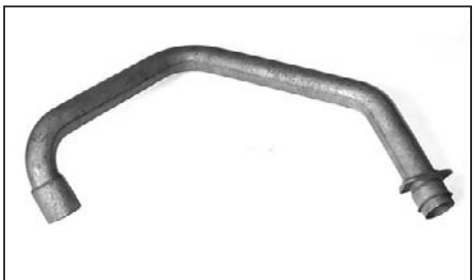
REF 105TA7012

REF 123TA6626

REF 139TA3918


REF 105TA7349

REF 110TA9610


REF 105TA7413

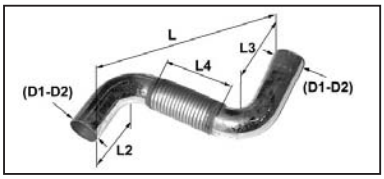
REF 134TA6304

REF 105TA6971

REF 118TA1593

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

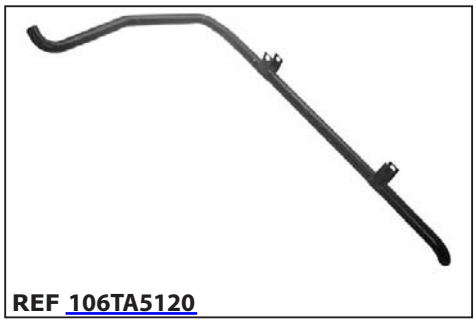
used for: HYSTER



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	32	32	580	65	115		105TA6900
	32	32	640	80	125		105TA6922
	33	33	1375	30	50		106TA5120
	35	35	540	85	110		134TA6244
	35	35	580	100	130		134TA6030
	35	35	605	100	135		124TA7630
	35	35	650	100	140		139TA3919
	45	45	755	75	195		124TA7619
	45	45	775	95	215		134TA5773
	49	51	565	25	115		105TA7054
	50	51	475	65	100		134TA5728
	50	56	842	102	155		108TA4456

REF 105TA6900

REF 105TA6922


REF 106TA5120

REF 134TA6244

REF 134TA6030

REF 124TA7630

REF 139TA3919

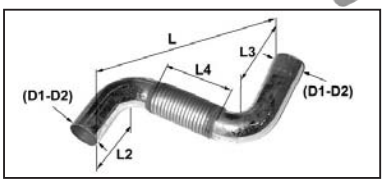
REF 124TA7619

REF 134TA5773

REF 105TA7054

REF 134TA5728

REF 108TA4456



used for: HYSTER

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	51	51	550	100	195		105TA7105
	51	51	780	80	125		106TA6253
	51	55	525	135	305		134TA6349
	64	64	645	65	170		105TA7002
	64	69	670	95	190		105TA7106
	102	102	370	100	240		139TA3920
5	32	32	780	55	75		105TA7051
	35	35	540	70	70		123TA6628
	35	35	695	70	160	90	139TA3921
	37	38	690	80	160		134TA5597
	49	51	1085	70	260	145	139TA3922
	51	57	755	60	150		139TA3923

REF 105TA7105

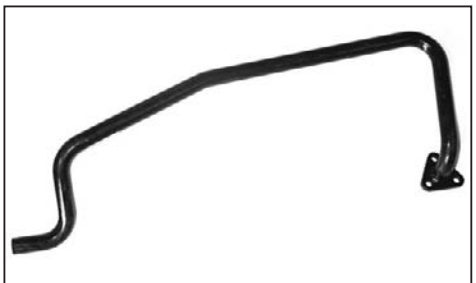
REF 106TA6253

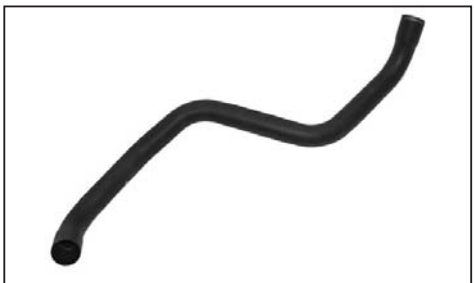
REF 134TA6349

REF 105TA7002

REF 105TA7106

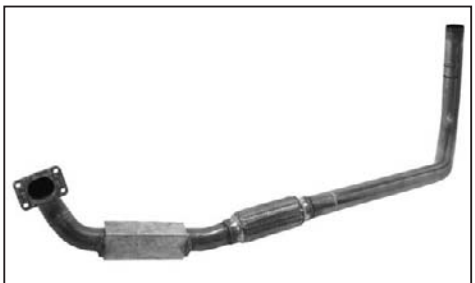
REF 139TA3920


REF 105TA7051


REF 123TA6628

REF 139TA3921

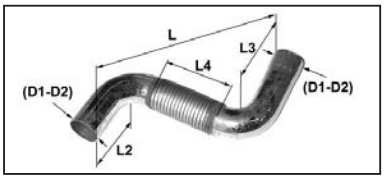
REF 134TA5597


REF 139TA3922

REF 139TA3923

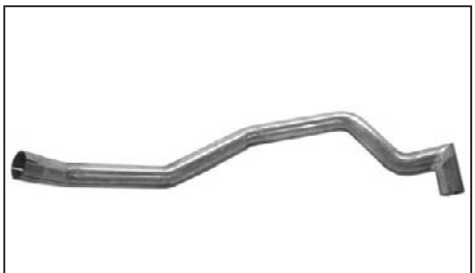
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: HYSTER



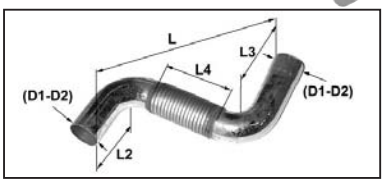
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
6	35	35	645	80	125		134TA5736
	50	54	847	57	90		123TA6629
	51	51	1395	70	140		105TA7177

REF 134TA5736



REF 123TA6629

REF 105TA7177



used for: HYUNDAI

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	51	51	204				139TA3924
	58	58	110				123TA6630
	64	64	400			190	134TA6256
1	43	48	340	110	240	210	123TA6634
	50	50	145	50	110		134TA6210
	63	63	640	100	610	150	134TA5956
	63	69	360	180	290	90	139TA3925
2	42	42	315	60	70	110	123TA6631
	42	42	325	75	170	75	139TA3926
	42	43	563	120	340	290	118TA1538
	42	47	365	80	230	95	123TA6632
	43	43	335	80	145	75	134TA6115

REF 139TA3924

REF 123TA6630

REF 134TA6256

REF 123TA6634

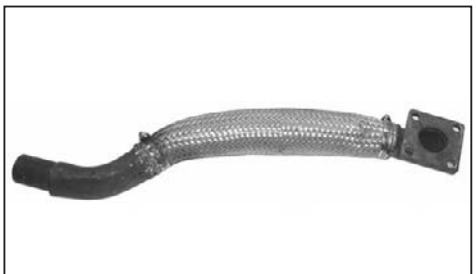
REF 134TA6210

REF 134TA5956

REF 139TA3925

REF 123TA6631

REF 139TA3926

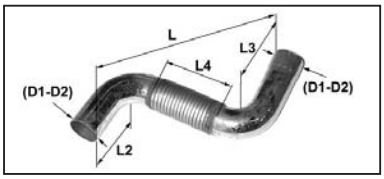

REF 118TA1538

REF 123TA6632

REF 134TA6115

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

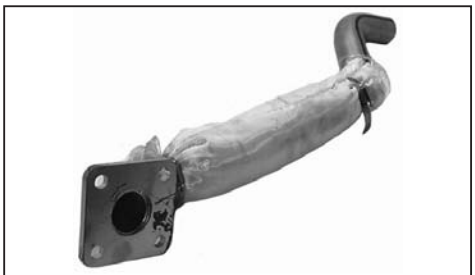
used for: HYUNDAI



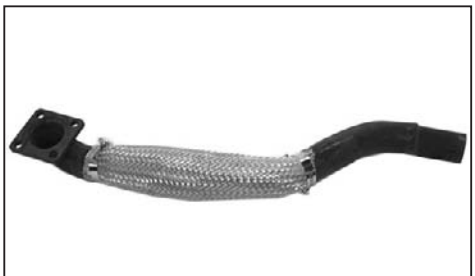
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	63	63	1300	20	140		134TA5973
	63	64	590	100	480	175	139TA3927
3	37	40	565	37	75	150	106TA6251
	43	43	445	55	145	120	124TA2866
	43	47	555	15	115		123TA6635
	50	50	575	35	140	125	134TA6081
	64	64	690	60	90	290	139TA3928
4	30	30	485	55	80		134TA6322
	50	50	695	45	85	105	124TA2860
	51	53	870	85	95	130	105TA6887

REF 134TA5973

REF 139TA3927


REF 106TA6251

REF 124TA2866


REF 123TA6635

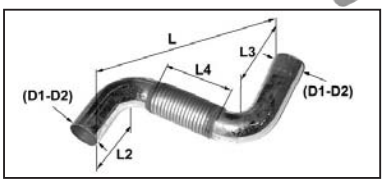
REF 134TA6081

REF 139TA3928

REF 134TA6322

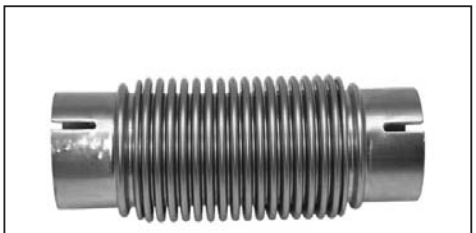
REF 124TA2860

REF 105TA6887



used for: JCB

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	42	42	129			87	139TA3929
	48	48	186			125	134TA5934
	127	131	128				139TA3930
1	44	48	170	80	90		139TA3931
	44	48	193	125	137		134TA5872
	44	49	165	102	117		134TA5869
	49	56	1065	25	1020		134TA5969
	50	55	502	270	350		134TA5788
	51	51	275	15	250		134TA5785
	59	61	1200	70	1160		139TA3932
	64	67	255	30	240	140	134TA5700
2	26	29	500	180	195		124TA7614


REF 139TA3929

REF 134TA5934

REF 139TA3930

REF 139TA3931

REF 134TA5872

REF 134TA5869

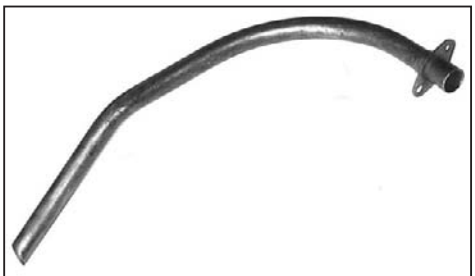
REF 134TA5969

REF 134TA5788

REF 134TA5785

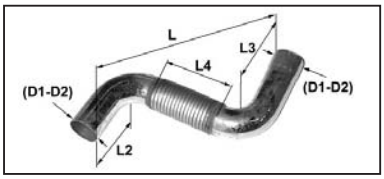
REF 139TA3932

REF 134TA5700


REF 124TA7614

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: JCB



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	44	44	240	50	75		139TA3933
	45	45	360	60	110		134TA6161
	45	45	470	55	130		134TA5707
	45	48	650	140	250		139TA3934
	50	55	990	30	540		139TA3935
	51	51	350	65	170		134TA5966
	64	68	736	210	340		134TA5876
	65	65	310	70	135		134TA5866
3	51	55	605	200	225		134TA5937
	64	68	605	195	230		134TA6102
4	45	48	315	70	185		134TA6088

REF 139TA3933

REF 134TA6161

REF 134TA5707

REF 139TA3934

REF 139TA3935

REF 134TA5966

REF 134TA5876

REF 134TA5866

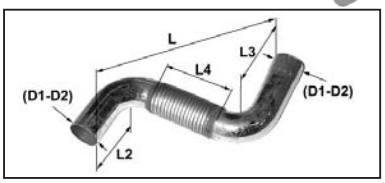
REF 134TA5937

REF 134TA6102

REF 134TA6088

EXHAUST TUBES

used for: JLG



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	64	64	255				139TA3936
1	38	38	140	15	125		139TA3937
	45	48	197	90	145		134TA5741
	88	88	190	25	140		134TA6043
	88	91	272	60	230		126TA4810
2	48	51	745	190	600		134TA5819
3	39	39	405	95	185		134TA5574

REF 139TA3936

REF 139TA3937

REF 134TA5741

REF 134TA6043

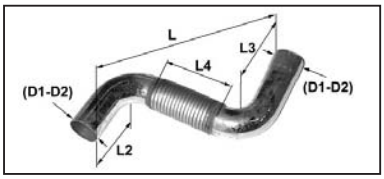
REF 126TA4810

REF 134TA5819

REF 134TA5574

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: JUNGHEINRICH-STEINBOCK



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	42	45	315			215	118TA1404
	51	51	280			165	118TA1394
	51	51	525			225	118TA1459
	51	52	327			186	124TA7231
	54	54	86				124TA1047
	57	57	88				108TA8892
	61	61	66				124TA1070
	76	88	180				118TA1541
1	35	35	227	95	140	85	134TA5763
	35	35	252	60	195		118TA1466
	35	35	627	120	600	140	105TA7419
	35	38	315	80	275		134TA5826

REF 118TA1404

REF 118TA1394

REF 118TA1459

REF 124TA7231

REF 124TA1047

REF 108TA8892

REF 124TA1070

REF 118TA1541

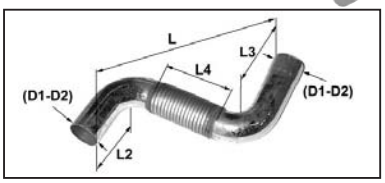
REF 134TA5763

REF 118TA1466

REF 105TA7419

REF 134TA5826

used for: JUNGHEINRICH-STEINBOCK



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	38	38	185	65	125		105TA6938
	38	38	200	83	130		123TA6637
	38	49	345	140	240	155	134TA6138
	41	46	148	100	110		118TA1485
	41	46	180	90	150		139TA3938
	41	76	1060	125	1050		108TA4303
	41	76	1120	125	1120		104TA5963
	43	43	200	110	135		110TA8594
	43	52	915	52	890		118TA1517
	43	52	1070	60	1040		108TA4379
	44	44	280	54	270		134TA5656
	44	50	382	75	340	180	108TA4491

REF 105TA6938

REF 123TA6637

REF 134TA6138

REF 118TA1485

REF 139TA3938

REF 108TA4303

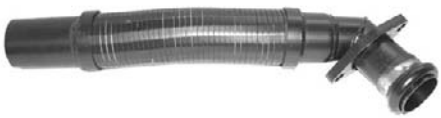
REF 104TA5963

REF 110TA8594

REF 118TA1517

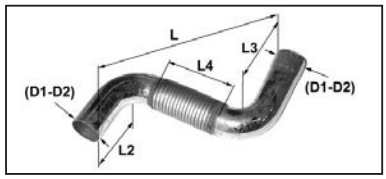
REF 108TA4379

REF 134TA5656


REF 108TA4491

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: JUNGHEINRICH-STEINBOCK



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	44	50	510	45	48	327	110TA9612
	44	50	1070	50	1035		124TA1048
	44	51	480	63	460	275	134TA6017
	45	48	260	70	280		139TA3939
	45	48	320	130	265		139TA3940
	45	48	330	180	310	160	124TA1063
	45	48	340	170	320	170	139TA3941
	45	49	156	70	135		123TA6639
	45	51	535	45	515	368	105TA7451
	46	49	295	145	165		134TA5780
	48	60	460	200	395	180	134TA5919
	50	50	215	5	200		123TA6640

REF 110TA9612

REF 124TA1048

REF 134TA6017

REF 139TA3939

REF 139TA3940

REF 124TA1063

REF 139TA3941

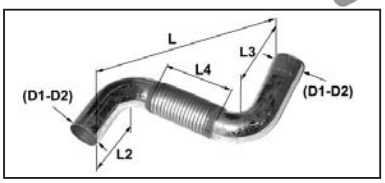
REF 123TA6639

REF 105TA7451

REF 134TA5780

REF 134TA5919

REF 123TA6640



used for: JUNGHEINRICH-STEINBOCK

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	50	58	1135	30	1100		134TA5879
	51	51	755	75	700		134TA5750
	51	57	463	200	395		108TA8884
	54	56	200	55	155		134TA5846
	55	60	260	20	240	155	134TA6036
	56	56	115	30	95		105TA6943
	56	64	460	220	470		134TA5841
	57	61	270	37	280	100	139TA3942
	57	63	480	260	370	180	134TA5962
	58	58	130	40	90		124TA2867
	58	58	285	100	205		134TA5975
	58	61	232	90	160		123TA6641

REF 134TA5879

REF 134TA5750

REF 108TA8884

REF 134TA5846

REF 134TA6036

REF 105TA6943

REF 134TA5841

REF 139TA3942

REF 134TA5962

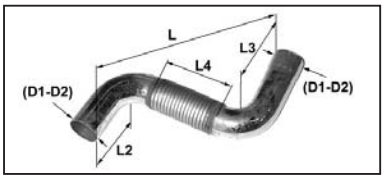
REF 124TA2867

REF 134TA5975

REF 123TA6641

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: JUNGHEINRICH-STEINBOCK



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	58	61	630	40	590	450	134TA6042
	58	62	224	15	210		134TA5679
	58	63	285	45	285	115	139TA3943
	60	66	765	50	720		123TA6643
	63	63	200	100	125		118TA1478
	63	67	225	115	160		139TA3944
	64	64	142	60	115		134TA5706
	64	67	79	40	40		139TA3945
	67	67	765	65	760	630	123TA6644
	76	76	258	150	170		134TA6235
	106	106	105	50	55		123TA6645
	110	115	780	40	730	660	134TA6327

REF 134TA6042

REF 134TA5679

REF 139TA3943

REF 123TA6643

REF 118TA1478

REF 139TA3944

REF 134TA5706

REF 139TA3945

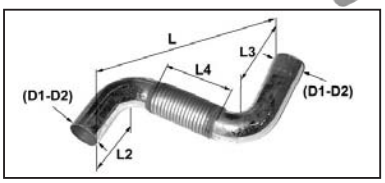
REF 123TA6644

REF 134TA6235

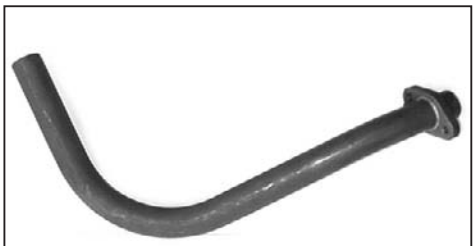
REF 123TA6645

REF 134TA6327

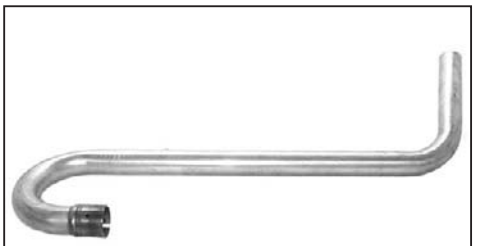
used for: JUNGHEINRICH-STEINBOCK



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	29	29	380	80	170		106TA5121
	35	38	310	75	175		139TA3946
	35	38	515	100	130		108TA4410
	35	38	570	115	145		139TA3947
	35	38	645	115	160		118TA1562
	35	39	650	105	170		123TA6646
	38	38	345	60	175		105TA6924
	38	38	385	90	110		118TA1558
	38	38	470	75	255		105TA6984
	38	38	665	100	190		118TA1681
	38	48	380	70	110	160	123TA6647
	38	49	400	60	90		134TA5731

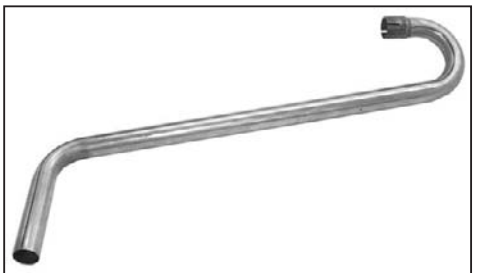

REF 106TA5121

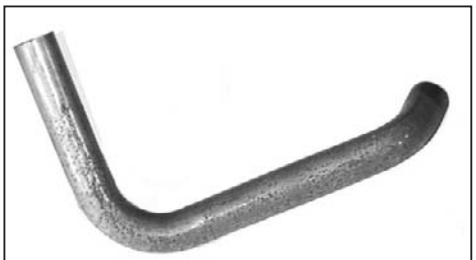
REF 139TA3946


REF 108TA4410

REF 139TA3947

REF 118TA1562


REF 123TA6646


REF 105TA6924

REF 118TA1558

REF 105TA6984

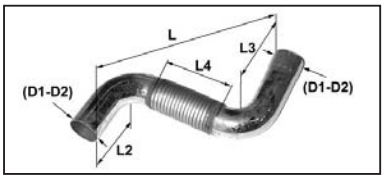
REF 118TA1681

REF 123TA6647

REF 134TA5731

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: JUNGHEINRICH-STEINBOCK



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	42	42	222	65	100		108TA4501
	42	42	615	65	360		124TA7632
	42	45	310	63	200		118TA1633
	42	45	390	50	300		134TA6364
	43	45	400	15	230		139TA3948
	43	47	475	100	155	175	110TA8595
	44	45	545	50	200	110	134TA6275
	45	45	330	90	280	145	118TA1674
	45	45	365	30	198		118TA1666
	45	45	555	95	370	200	118TA1544
	45	45	560	95	345	230	118TA1654
	45	45	615	70	275	125	134TA5926

REF 108TA4501

REF 124TA7632

REF 118TA1633

REF 134TA6364

REF 139TA3948

REF 110TA8595

REF 134TA6275

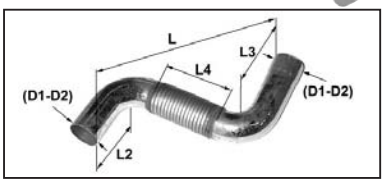
REF 118TA1674

REF 118TA1666

REF 118TA1544

REF 118TA1654

REF 134TA5926



used for: JUNGHEINRICH-STEINBOCK

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	45	47	335	130	235		118TA1455
	45	47	475	125	305	130	134TA6143
	45	48	450	70	175	52	134TA6292
	47	49	780	80	610	140	123TA6649
	48	52	315	45	60		134TA6134
	48	65	380	85	135		108TA8270
	49	53	555	160	220	85	134TA6061
	50	55	730	50	95		134TA6318
	50	60	885	90	700	125	124TA5151
	51	51	340	100	210		105TA7354
	51	58	630	130	275		123TA6650
	57	57	260	25	110		123TA6651

REF 118TA1455

REF 134TA6143

REF 134TA6292

REF 123TA6649

REF 134TA6134

REF 108TA8270

REF 134TA6061

REF 134TA6318

REF 124TA5151

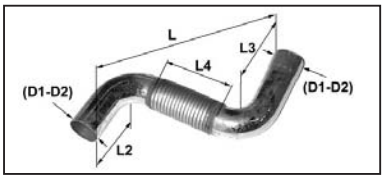
REF 105TA7354

REF 123TA6650

REF 123TA6651

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: JUNGHEINRICH-STEINBOCK



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	57	57	310	25	100		123TA6652
	60	60	410	75	195		134TA5878
	63	63	460	70	170		123TA6653
	63	64	157	71	81		108TA4402
	63	66	685	60	160	345	110TA9625
	63	67	700	60	165	465	118TA1383
	76	76	730	260	410		139TA3949
3	34	35	240	10	43		124TA2869
	34	36	395	95	165	138	118TA1701
	34	40	267	5	50		124TA2858
	35	35	175	50	90		124TA1072
	35	35	412	80	110		108TA4472

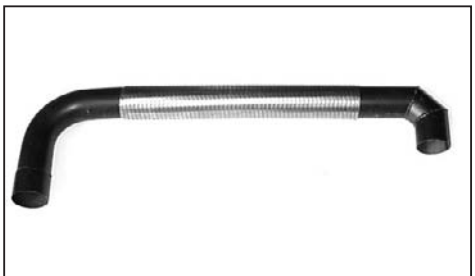
REF 123TA6652

REF 134TA5878

REF 123TA6653

REF 108TA4402

REF 110TA9625


REF 118TA1383

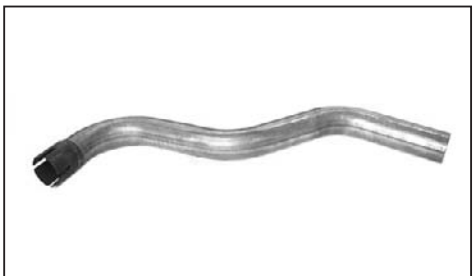
REF 139TA3949

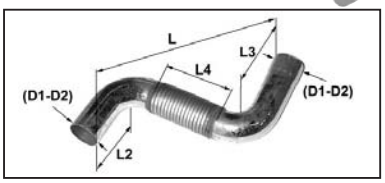
REF 124TA2869

REF 118TA1701

REF 124TA2858

REF 124TA1072

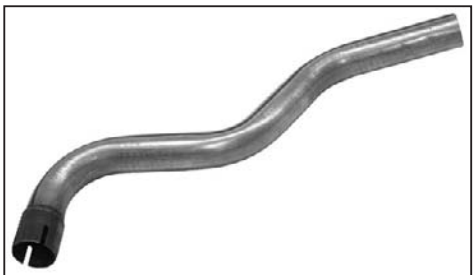

REF 108TA4472



used for: JUNGHEINRICH-STEINBOCK

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	35	35	605	100	120		105TA7123
	35	38	428	85	135		139TA3950
	35	40	485	70	80		134TA5902
	35	48	580	70	113		118TA1513
	38	38	415	75	115		110TA8606
	38	38	450	100	105		108TA4535
	38	38	480	55	105		105TA7133
	38	38	650	70	120		108TA4460
	38	45	575	80	240	140	134TA6280
	39	42	285	68	110		139TA3951
	39	42	430	75	100		110TA8590
	40	48	565	66	95		124TA1052

REF 105TA7123


REF 139TA3950

REF 134TA5902

REF 118TA1513

REF 110TA8606

REF 108TA4535

REF 105TA7133

REF 108TA4460

REF 134TA6280

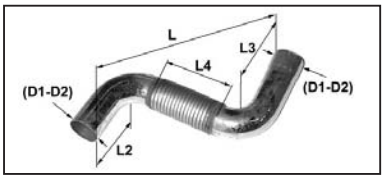
REF 139TA3951

REF 110TA8590

REF 124TA1052

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: JUNGHEINRICH-STEINBOCK



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	41	44	505	45	240	140	139TA3952
	41	45	360	73	150	150	118TA1488
	41	47	415	60	100		124TA1116
	42	42	480	155	230	85	124TA2078
	42	44	495	70	310	225	118TA1481
	42	44	500	50	260	210	134TA5859
	42	49	330	27	75		118TA1577
	43	43	390	45	165	80	105TA7194
	43	43	425	80	90	140	118TA1421
	44	44	475	85	380	190	105TA6883
	44	44	605	20	340	230	106TA6248
	44	44	620	50	330	230	118TA1490

REF 139TA3952

REF 118TA1488

REF 124TA1116

REF 124TA2078

REF 118TA1481

REF 134TA5859

REF 118TA1577

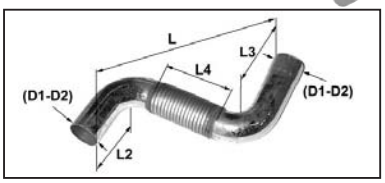
REF 105TA7194

REF 118TA1421

REF 105TA6883

REF 106TA6248

REF 118TA1490



used for: JUNGHEINRICH-STEINBOCK

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	45	45	590	45	275	135	134TA6334
	45	45	640	75	295	125	134TA6278
	45	48	310	15	60		134TA5857
	45	48	340	60	105		134TA5931
	45	48	705	150	205	115	134TA5771
	45	65	595	20	130		124TA2857
	47	47	525	115	115		118TA1462
	47	48	510	90	100		123TA6656
	48	49	615	155	255		134TA5777
	48	53	675	60	205		124TA1057
	56	106	1365	615	990	490	123TA6657
	57	60	620	70	195		139TA3953

REF 134TA6334

REF 134TA6278

REF 134TA5857

REF 134TA5931

REF 134TA5771

REF 124TA2857

REF 118TA1462

REF 123TA6656

REF 134TA5777

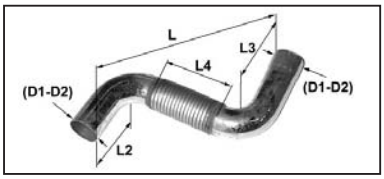
REF 124TA1057

REF 123TA6657

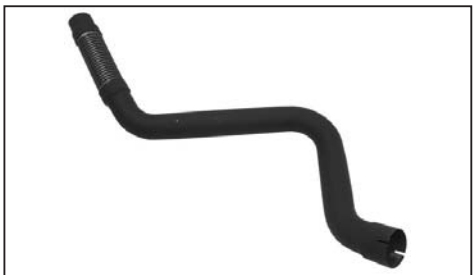
REF 139TA3953

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: JUNGHEINRICH-STEINBOCK



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	57	61	792	85	290	140	139TA3954
	58	62	450	25	75		134TA5850
	62	62	540	100	140		139TA3955
	64	67	845	180	720	572	118TA1585
	65	64	588	130	200		139TA3956
	65	68	785	188	640	532	108TA8889
4	35	35	605	105	140		105TA7271
	35	35	705	100	130		105TA7260
	35	42	600	40	95	125	105TA7153
	38	38	460	30	125		106TA7362
	38	38	460	30	155		106TA7367
	38	38	505	30	160		105TA7077


REF 139TA3954

REF 134TA5850

REF 139TA3955

REF 118TA1585

REF 139TA3956

REF 108TA8889

REF 105TA7271

REF 105TA7260

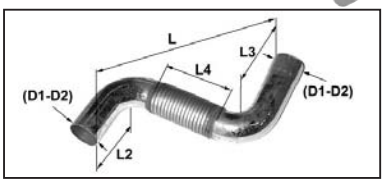
REF 105TA7153

REF 106TA7362

REF 106TA7367

REF 105TA7077

used for: JUNGHEINRICH-STEINBOCK

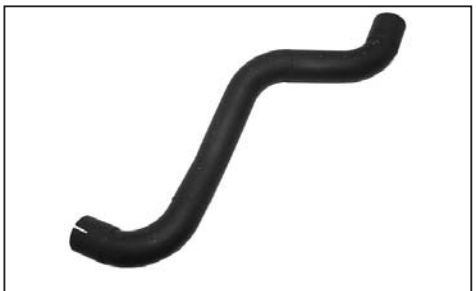


Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	38	38	675	100	245		139TA3957
	47	48	670	60	80		139TA3958
	47	48	765	62	93	157	106TA5026
	48	48	500	65	80		123TA6658
5	33	33	515	60	115	155	105TA7138
	35	35	605	70	70		106TA7347
	35	35	680	20	90		139TA3959
	40	42	680	120	273	150	134TA5685
	44	49	1345	40	50		139TA3960
	50	50	680	53	105		105TA7430
	50	55	553	55	120		123TA6660
6	35	35	645	80	125		134TA5738

REF 139TA3957

REF 139TA3958

REF 106TA5026


REF 123TA6658

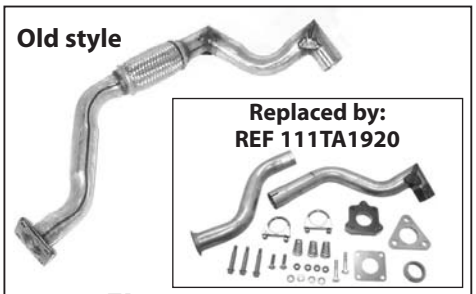
REF 105TA7138

REF 106TA7347

REF 139TA3959

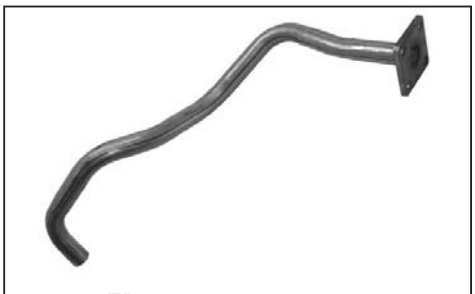
REF 134TA5685

REF 139TA3960



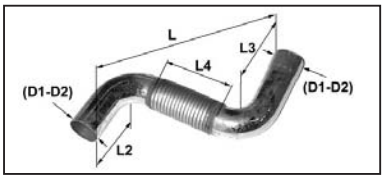
REF 105TA7430

REF 123TA6660


REF 134TA5738

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: JUNGHEINRICH-STEINBOCK

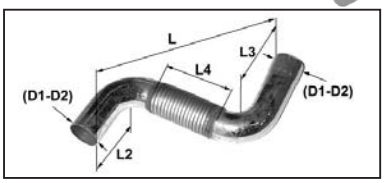


Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
6	39	58	910	100	150		139TA3961
7	35	35	780	25	70		105TA6987
	50	58	580	90	220		134TA6117

REF 139TA3961

REF 105TA6987

REF 134TA6117

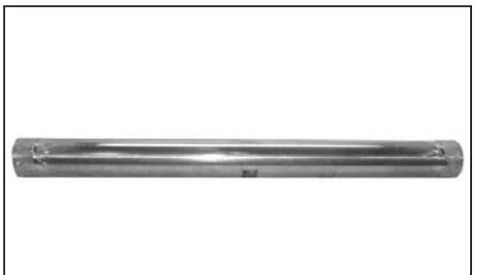


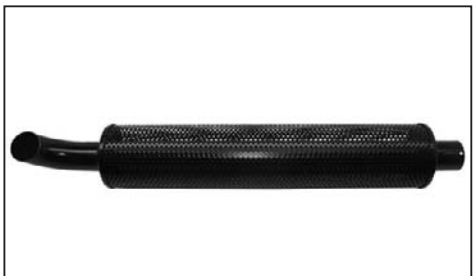
used for: KALMAR

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	76	76	1042				124TA1060
	100	100	485			435	134TA6358
	105	105	1210				110TA9615
1	60	60	810	40	770		139TA3962
	60	61	92	18	76		139TA3963
	70	70	560	57	515		118TA1668
	76	76	190	120	120		134TA6254
	76	76	790	50	750		105TA7174
	76	76	790	60	740		134TA6234
	76	89	100	45	90		134TA6217
	76	89	100	80	80		134TA5852
	77	45	1770	45	1730		134TA5891

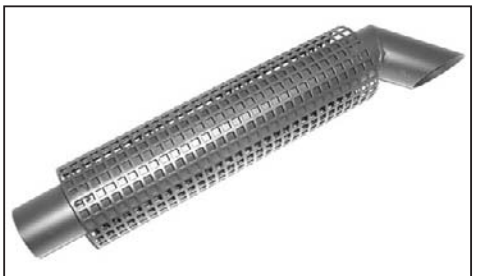
REF 124TA1060

REF 134TA6358


REF 110TA9615


REF 139TA3962

REF 139TA3963


REF 118TA1668

REF 134TA6254

REF 105TA7174

REF 134TA6234

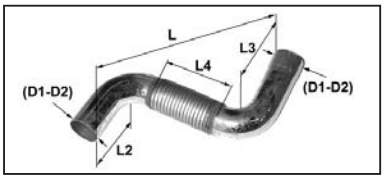
REF 134TA6217

REF 134TA5852

REF 134TA5891

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: KALMAR



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	77	77	940	55	895		134TA5816
	77	89	165	125	135		139TA3964
	78	88	300	120	230		123TA6661
	78	110	220	130	140		134TA6109
	89	89	215	105	150		123TA6662
	89	94	69	15	50		134TA6281
	90	90	900	80	835		123TA6663
	100	100	310	205	205		139TA3965
	100	100	2170	40	2130		134TA6064
	102	102	1107	40	1050		139TA3966
	102	103	1982	140	1966		108TA4515
	102	114	200	116	125		118TA1704

REF 134TA5816

REF 139TA3964

REF 123TA6661

REF 134TA6109

REF 123TA6662

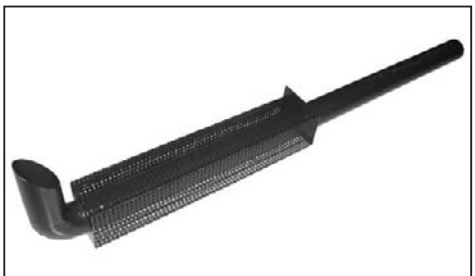
REF 134TA6281

REF 123TA6663

REF 139TA3965

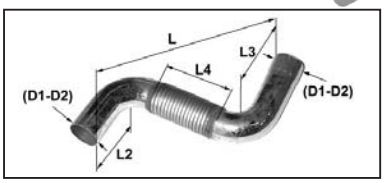
REF 134TA6064

REF 139TA3966


REF 108TA4515

REF 118TA1704

used for: KALMAR



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	114	114	1875	35	1810		124TA1077
	114	115	1185	100	1160		134TA6310
	115	115	1595	160	1530		139TA3967
	115	150	2020	20	1990		134TA5949
	116	116	960	65	890		118TA1532
2	26	29	500	180	195		139TA3968
	29	29	380	80	170		123TA6664
	60	60	325	15	140		134TA6073
	60	60	665	260	260		118TA1613
	75	89	280	110	170		134TA6206
	75	89	280	120	180		134TA6147
	76	80	545	70	285		134TA6028

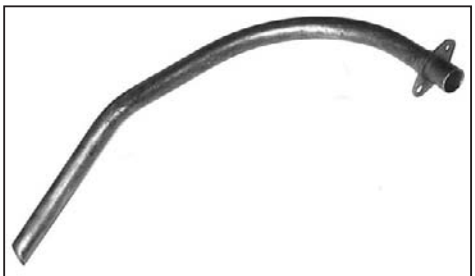
REF 124TA1077

REF 134TA6310

REF 139TA3967

REF 134TA5949

REF 118TA1532


REF 139TA3968

REF 123TA6664

REF 134TA6073

REF 118TA1613

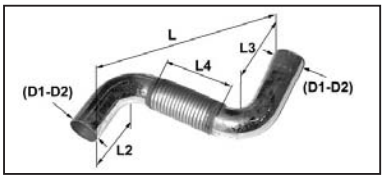
REF 134TA6206

REF 134TA6147

REF 134TA6028

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: KALMAR



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	77	90	250	70	95		124TA1058
	78	103	265	60	70		124TA1061
	88	102	1830	160	950		139TA3969
	89	89	240	60	70		134TA5867
	89	89	250	100	100		134TA6011
	89	95	325	70	210		134TA6282
	90	95	430	80	120		134TA6182
	95	102	150	10	45		139TA3970
	100	100	285	60	90		108TA4396
	100	102	460	100	160		139TA3971
	102	107	370	135	180		139TA3972
	102	114	2310	125	865		104TA5983

REF 124TA1058

REF 124TA1061

REF 139TA3969

REF 134TA5867

REF 134TA6011

REF 134TA6282

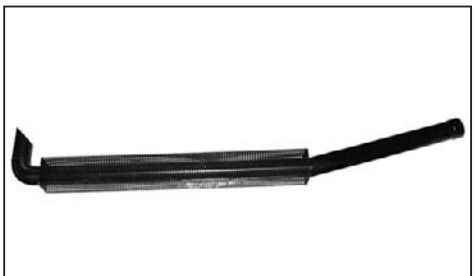
REF 134TA6182

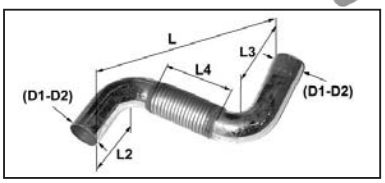
REF 139TA3970

REF 108TA4396

REF 139TA3971

REF 139TA3972


REF 104TA5983



used for: KALMAR

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	102	116	1980	400	1650		139TA3973
	103	103	610	210	320		134TA6276
	115	121	866	140	650		134TA6192
3	54	54	1060	65	150		134TA6329
	60	60	1340	25	105		134TA5831
	60	90	320	50	100		134TA5761
	63	90	330	40	80		124TA2079
	90	96	1870	250	390		139TA3974
5	62	88	775	65	95		134TA5622
	68	89	705	45	90		108TA4528

REF 139TA3973

REF 134TA6276

REF 134TA6192

REF 134TA6329

REF 134TA5831

REF 134TA5761

REF 124TA2079

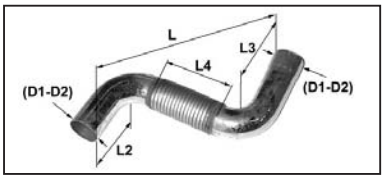
REF 139TA3974

REF 134TA5622

REF 108TA4528

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: KOMATSU



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	34	34	170			107	108TA4481
	34	38	99				111TA1901
	42	45	315			215	124TA2065
	46	46	270				134TA6075
	49	49	780				134TA6129
	51	51	280			165	134TA5518
	51	52	327			186	134TA5668
	53	53	190				105TA7450
	58	58	110				123TA6665
1	34	34	251	65	190		108TA4480
	35	35	252	60	195		108TA4395
	38	38	185	65	125		108TA4420

REF 108TA4481

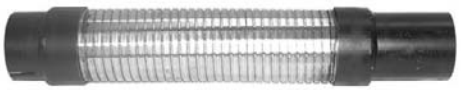
REF 111TA1901

REF 124TA2065

REF 134TA6075

REF 134TA6129

REF 134TA5518


REF 134TA5668

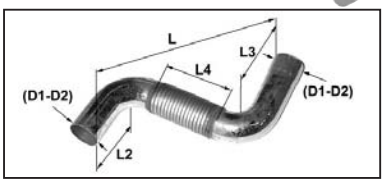
REF 105TA7450

REF 123TA6665

REF 108TA4480

REF 108TA4395

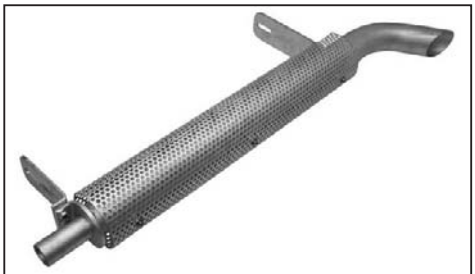
REF 108TA4420



used for: KOMATSU

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	38	38	200	83	130		123TA6666
	38	64	870	90	800		134TA5861
	39	43	190	105	130		134TA6340
	41	46	148	100	110		108TA4496
	41	76	1120	125	1120		118TA1498
	42	42	328	75	255	140	134TA5613
	43	43	200	110	135		105TA7206
	43	43	490	260	385		105TA7280
	43	46	615	245	395	250	118TA1695
	43	47	315	80	280		110TA8603
	43	48	225	120	155		134TA5998
	44	44	280	54	270		118TA1563

REF 123TA6666


REF 134TA5861

REF 134TA6340

REF 108TA4496

REF 118TA1498

REF 134TA5613

REF 105TA7206

REF 105TA7280

REF 118TA1695

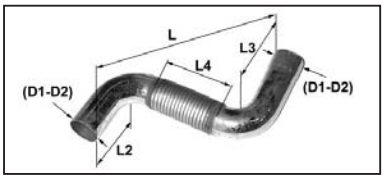
REF 110TA8603

REF 134TA5998

REF 118TA1563

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: KOMATSU



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	44	49	926	80	900		118TA1476
	44	50	382	75	340	180	108TA4490
	44	50	1070	50	1035		123TA6667
	45	48	1620	45	1600		118TA1501
	45	55	784	170	620	300	123TA6668
	45	57	605	105	560	350	105TA7278
	45	57	890	65	880	640	105TA7320
	48	50	215	80	175		118TA1407
	50	50	153	100	100		134TA6260
	50	50	155	125	310	160	134TA5953
	50	50	215	5	200		123TA6669
	50	54	200	75	165		118TA1400

REF 118TA1476

REF 108TA4490

REF 123TA6667

REF 118TA1501

REF 123TA6668

REF 105TA7278

REF 105TA7320

REF 118TA1407

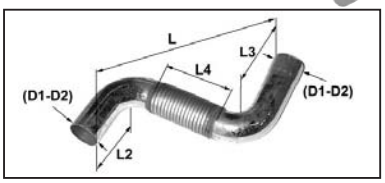
REF 134TA6260

REF 134TA5953

REF 123TA6669

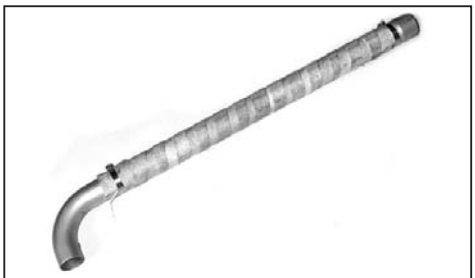
REF 118TA1400

used for: KOMATSU



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	50	55	840	90	800		124TA1074
	50	55	845	75	820		118TA1423
	51	51	755	75	700		134TA5749
	51	56	975	400	600		139TA3975
	55	55	1405	40	138		134TA5758
	58	58	130	40	90		134TA5697
	58	61	630	40	590	450	134TA6041
	58	62	224	15	210		123TA6670
	60	60	225	80	150		134TA6005
	64	67	79	40	40		139TA3976
	76	76	780	140	700	305	139TA3977
	90	94	1080	295	795	385	134TA5883

REF 124TA1074


REF 118TA1423

REF 134TA5749

REF 139TA3975

REF 134TA5758

REF 134TA5697

REF 134TA6041

REF 123TA6670

REF 134TA6005

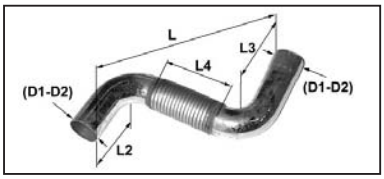
REF 139TA3976

REF 139TA3977

REF 134TA5883

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: KOMATSU



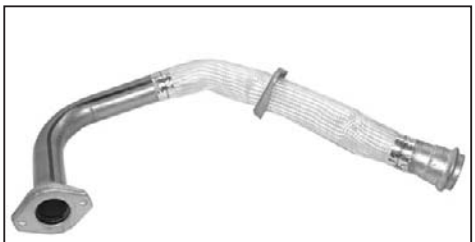
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	110	115	780	40	730	660	134TA6326
2	34	37	270	95	120		105TA7297
	38	38	470	75	255		108TA4421
	38	38	665	100	190		124TA2072
	38	43	410	150	360	150	118TA1524
	38	49	400	60	90		134TA5730
	40	40	220	70	135		105TA7371
	41	48	420	80	85	140	118TA1618
	42	42	222	65	100		108TA4500
	42	42	615	65	360		139TA3978
	42	45	310	63	200		134TA5667
	42	46	203	66	80		108TA4384

REF 134TA6326

REF 105TA7297

REF 108TA4421

REF 124TA2072


REF 118TA1524

REF 134TA5730

REF 105TA7371

REF 118TA1618

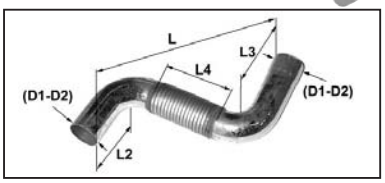
REF 108TA4500

REF 139TA3978

REF 134TA5667

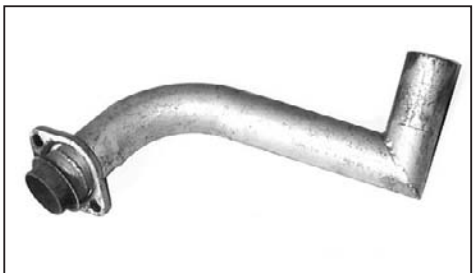
REF 108TA4384

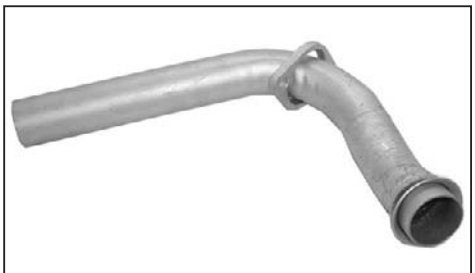
used for: KOMATSU



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	42	47	370	60	70	210	134TA6079
	43	43	310	70	110		105TA7391
	43	43	327	55	240		118TA1656
	43	44	280	70	85		118TA1508
	43	45	400	15	230		139TA3979
	43	46	250	60	200		134TA5924
	43	47	255	65	85		134TA6089
	43	47	475	100	155	175	134TA5561
	43	48	280	80	85		134TA5845
	43	51	300	60	100	135	105TA7347
	44	46	390	150	180	240	134TA6228
	44	51	500	70	125		139TA3980

REF 134TA6079

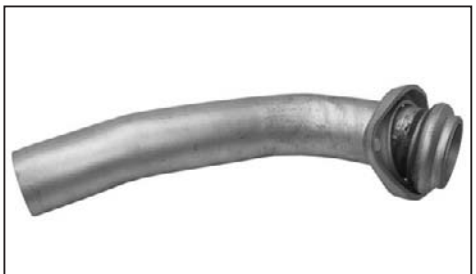

REF 105TA7391


REF 118TA1656

REF 118TA1508

REF 139TA3979

REF 134TA5924


REF 134TA6089

REF 134TA5561

REF 134TA5845

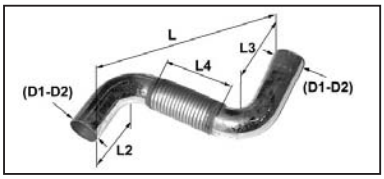
REF 105TA7347

REF 134TA6228

REF 139TA3980

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: KOMATSU



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	44	58	825	40	745	390	105TA7245
	45	45	365	30	198		118TA1665
	45	45	555	95	370	200	118TA1543
	45	47	335	130	235		134TA5594
	45	50	800	120	265	110	105TA7124
	45	54	1010	90	105	75	105TA7242
	46	46	400	140	175	225	134TA5923
	47	50	440	90	250		134TA5800
	49	51	420	150	255		105TA7229
	49	51	655	55	395	290	134TA5999
	49	56	260	35	50		134TA6257
	50	50	390	80	290		134TA5781

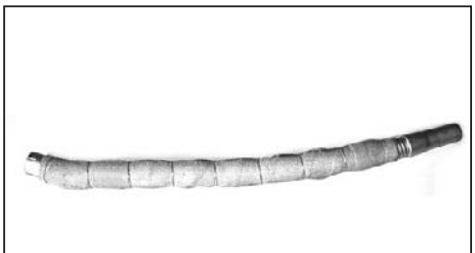
REF 105TA7245

REF 118TA1665

REF 118TA1543

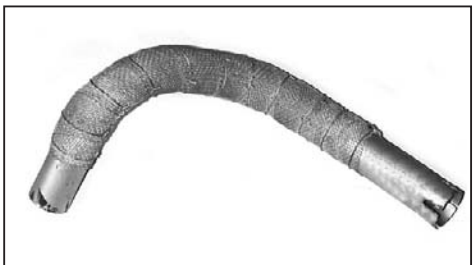
REF 134TA5594

REF 105TA7124


REF 105TA7242

REF 134TA5923

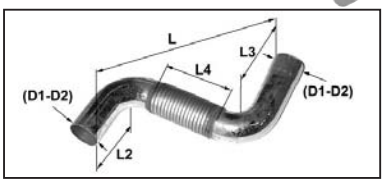
REF 134TA5800


REF 105TA7229

REF 134TA5999

REF 134TA6257

REF 134TA5781



used for: KOMATSU

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	50	51	320	35	80		134TA6144
	50	51	595	70	400	285	139TA3981
	50	55	480	50	415	210	134TA5752
	50	55	730	50	95		134TA6317
	51	51	645	55	400	285	124TA1053
	51	53	590	60	405	200	134TA5713
	51	55	445	45	120		123TA6671
	51	55	685	60	410	210	123TA6672
	54	76	350	45	125	220	139TA3982
	63	63	460	70	170		123TA6673
	63	67	700	60	165	465	108TA4422
3	34	34	575	80	175		105TA6933

REF 134TA6144

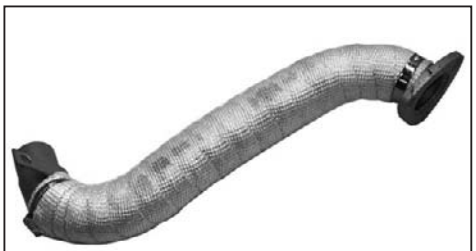
REF 139TA3981

REF 134TA5752

REF 134TA6317

REF 124TA1053

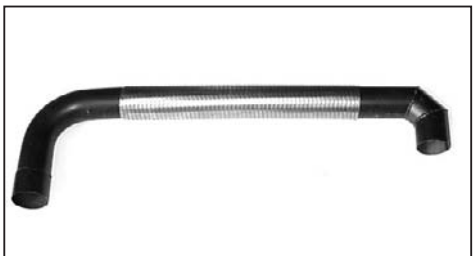
REF 134TA5713


REF 123TA6671

REF 123TA6672

REF 139TA3982

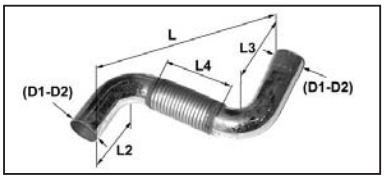
REF 123TA6673


REF 108TA4422

REF 105TA6933

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: KOMATSU



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	34	35	240	10	43		124TA2870
	34	35	400	80	290	110	105TA7184
	35	35	175	50	90		124TA1071
	35	48	580	70	113		118TA1512
	37	37	368	65	120		123TA6674
	37	40	565	37	75	150	134TA5600
	38	42	390	85	105	140	134TA5930
	38	47	470	70	90	130	134TA6200
	41	43	490	95	192	145	118TA1643
	41	45	360	73	150	150	118TA1487
	41	47	415	60	100		123TA6675
	42	42	400	95	105		134TA5865

REF 124TA2870

REF 105TA7184

REF 124TA1071

REF 118TA1512

REF 123TA6674

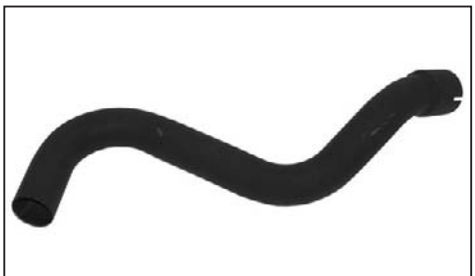
REF 134TA5600

REF 134TA5930

REF 134TA6200

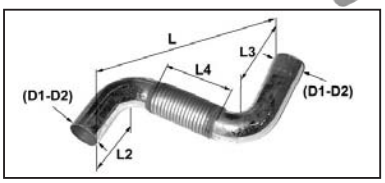
REF 118TA1643

REF 118TA1487


REF 123TA6675

REF 134TA5865

used for: KOMATSU



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	42	44	495	70	310	225	134TA5628
	42	46	358	45	50	178	108TA4502
	42	47	440	45	95	175	134TA5548
	43	43	425	80	90	140	105TA7188
	43	43	675	70	220		105TA7236
	43	44	580	40	70	310	118TA1377
	43	46	420	75	125	150	105TA7172
	43	46	568	130	160	230	105TA7414
	43	47	515	65	255	160	105TA7223
	44	44	475	85	380	190	108TA4417
	44	44	605	20	340	230	139TA3983
	44	44	620	50	330	230	108TA4508

REF 134TA5628

REF 108TA4502

REF 134TA5548

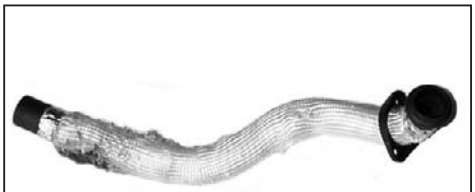
REF 105TA7188

REF 105TA7236

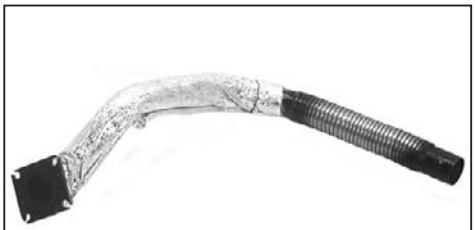
REF 118TA1377

REF 105TA7172

REF 105TA7414


REF 105TA7223

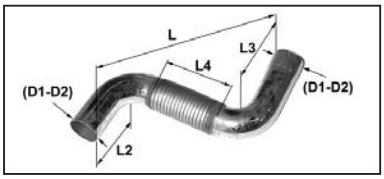
REF 108TA4417


REF 139TA3983

REF 108TA4508

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: KOMATSU

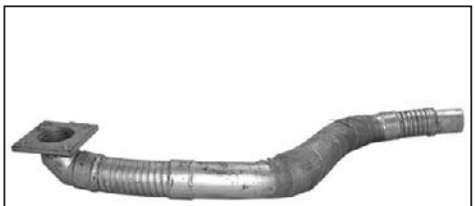


Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	45	45	525	40	115	345	134TA6250
	45	50	330	55	70		139TA3984
	45	51	600	255	450		123TA6676
	45	51	700	20	195	100	108TA4553
	45	52	722	25	250	160	123TA6677
	47	47	525	115	115		108TA4382
	47	48	510	90	100		123TA6678
	47	51	335	40	70		118TA1379
	50	80	885	110	210	100	134TA6338
	51	51	370	40	200		134TA5775
	51	51	705	110	125	115	134TA5680
	51	54	883	110	125	110	108TA4505

REF 134TA6250

REF 139TA3984

REF 123TA6676


REF 108TA4553

REF 123TA6677

REF 108TA4382

REF 123TA6678

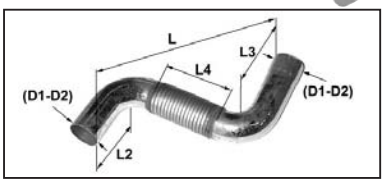
REF 118TA1379

REF 134TA6338

REF 134TA5775

REF 134TA5680

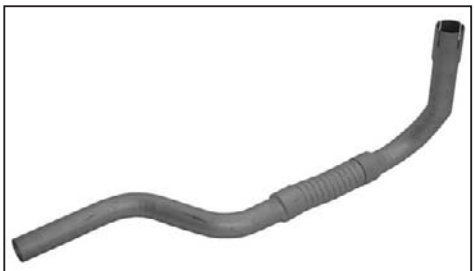
REF 108TA4505



used for: KOMATSU

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	58	62	450	25	75		134TA5849
4	34	38	630	130	160	110	134TA6288
	34	43	575	15	105	155	105TA7068
	35	42	280	65	125	150	139TA3985
	38	39	355	65	135		108TA4443
	38	41	570	150	180		105TA7453
	38	41	595	70	170	145	118TA1641
	41	41	560	165	200		123TA6680
	42	42	300	60	100		139TA3986
	42	42	550	20	80		134TA5848
	42	43	460	95	115	160	108TA4477
	42	43	555	145	185		118TA1454

REF 134TA5849

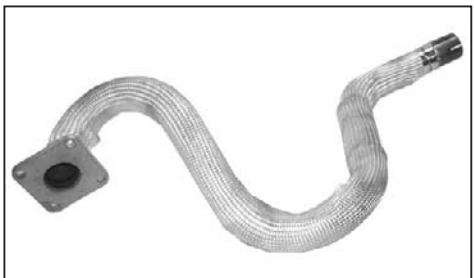

REF 134TA6288

REF 105TA7068

REF 139TA3985

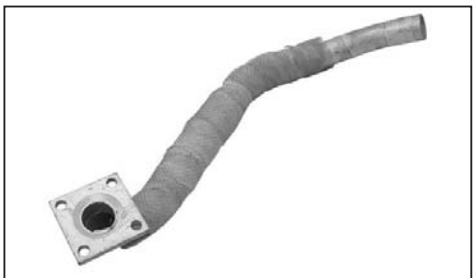
REF 108TA4443

REF 105TA7453


REF 118TA1641

REF 123TA6680

REF 139TA3986

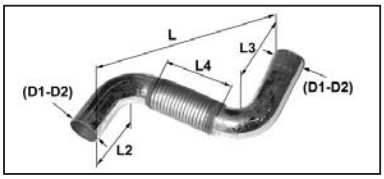

REF 134TA5848

REF 108TA4477

REF 118TA1454

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

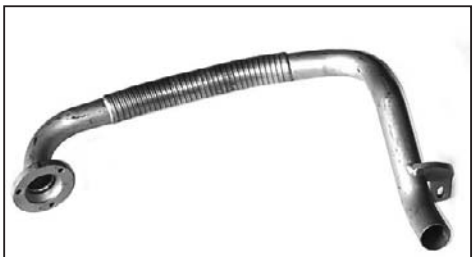
used for: KOMATSU

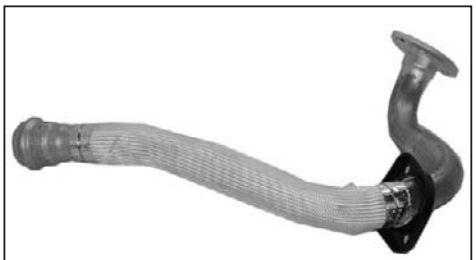


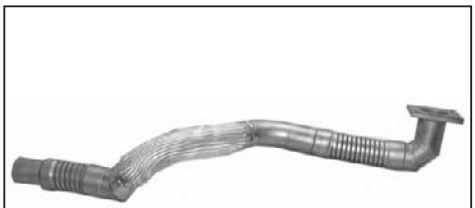
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	42	45	525	35	90		105TA7204
	43	43	525	35	90		105TA7205
	43	45	610	60	75	310	118TA1427
	43	48	455	60	130		118TA1576
	44	51	740	55	177	170	118TA1537
	44	51	747	50	180	105	106TA5016
	45	45	560	40	100	270	134TA6139
	45	45	570	70	80	260	118TA1496
	45	50	525	80	80	120	134TA5755
	45	51	890	43	135	430	110TA9621
	48	51	720	35	276		123TA6681
	49	50	630	80	120	325	118TA1672

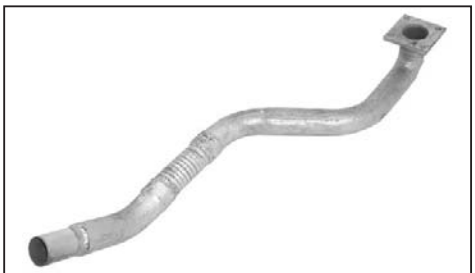
REF 105TA7204

REF 105TA7205

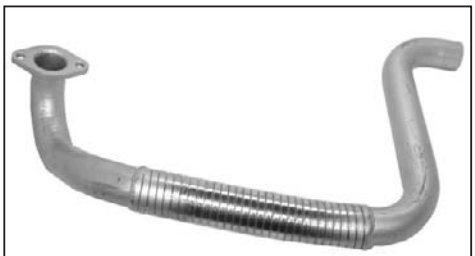

REF 118TA1427


REF 118TA1576


REF 118TA1537

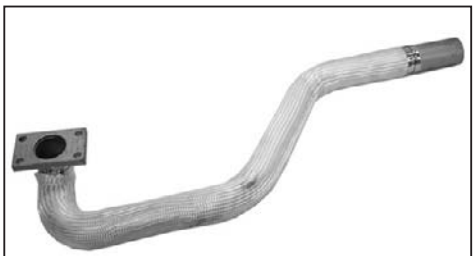

REF 106TA5016

REF 134TA6139

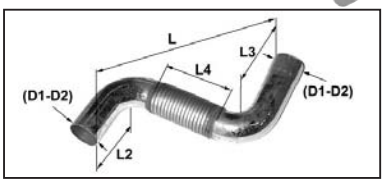

REF 118TA1496

REF 134TA5755

REF 110TA9621


REF 123TA6681

REF 118TA1672



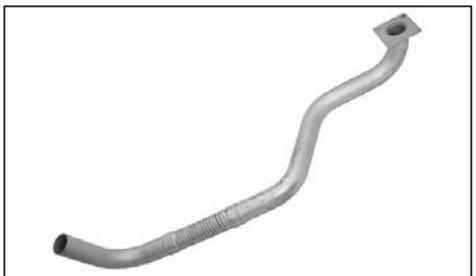
used for: KOMATSU

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	50	50	700	40	40	380	118TA1586
	50	50	1010	30	200	240	134TA5896
	50	51	540	55	65	230	118TA1444
	51	51	920	70	170	150	123TA6682
	51	53	870	85	95	130	105TA6886
	56	57	695	28	95		139TA3987
5	33	33	515	60	115	155	105TA7137
	34	34	575	75	120	165	105TA6972
	34	34	625	60	220		110TA9614
	34	37	620	132	158	170	111TA1902
	34	43	540	115	280	115	134TA5717
	34	63	476	25	120	163	108TA4482

REF 118TA1586

REF 134TA5896

REF 118TA1444


REF 123TA6682

REF 105TA6886

REF 139TA3987

REF 105TA7137

REF 105TA6972

REF 110TA9614

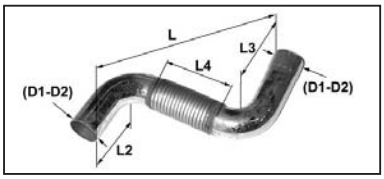
REF 111TA1902

REF 134TA5717

REF 108TA4482

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: KOMATSU

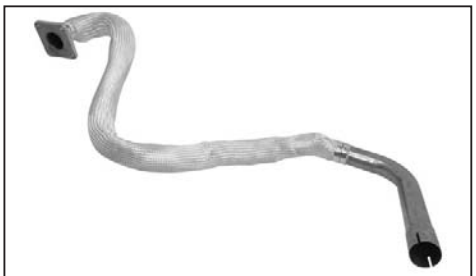


Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
5	35	40	580	70	85	150	134TA6009
	37	38	690	80	160		106TA5023
	38	38	135	7	54		134TA5766
	39	42	695	110	270	145	134TA6342
	40	40	705	85	200		118TA1609
	42	42	530	70	190		134TA6246
	43	43	645	20	235		105TA7435
	43	45	810	55	65	350	134TA6283
	44	45	445	45	65	300	134TA6023
	45	45	780	55	80		139TA3988
	50	50	660	45	45	305	118TA1445
	50	50	745	40	60	280	118TA1399

REF 134TA6009

REF 106TA5023

REF 134TA5766


REF 134TA6342

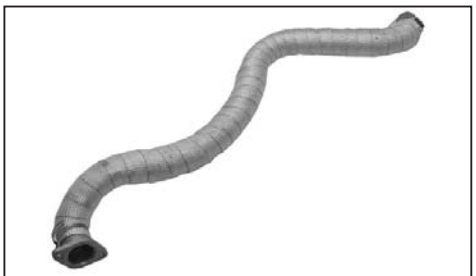
REF 118TA1609

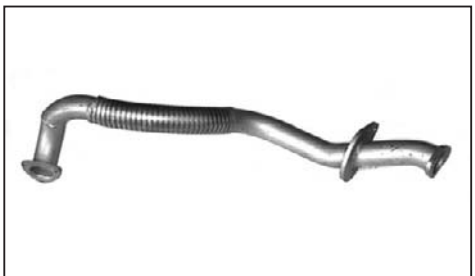
REF 134TA6246

REF 105TA7435

REF 134TA6283

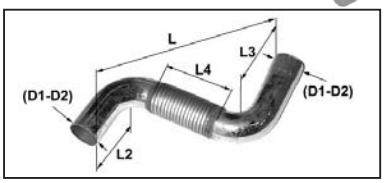
REF 134TA6023


REF 139TA3988


REF 118TA1445

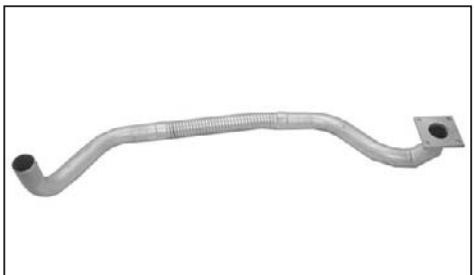
REF 118TA1399

used for: KOMATSU

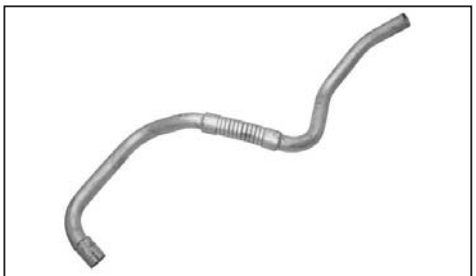


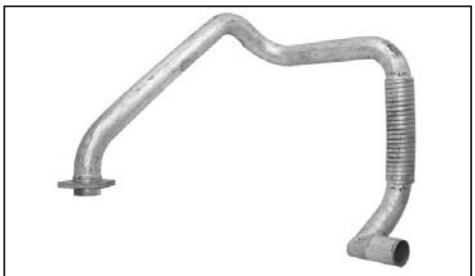
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
5	51	51	780	30	220	200	139TA3989
	51	51	960	50	130	325	118TA1652
6	34	34	630	70	275	105	105TA6884
	34	38	800	90	95	155	134TA5922
	43	43	470	53	55	180	134TA5993
	50	50	550	50	100	300	134TA6231
	50	50	660	45	65	270	118TA1420

REF 139TA3989


REF 118TA1652

REF 105TA6884


REF 134TA5922

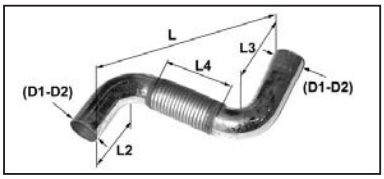

REF 134TA5993

REF 134TA6231

REF 118TA1420

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: KOOI AAP



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	35	35	102	32	74		134TA6049
2	42	42	235	30	135		134TA6020
	42	42	252	25	80		110TA8599
	43	51	560	60	420		134TA6054
	50	48	260	35	95		134TA6076

REF 134TA6049

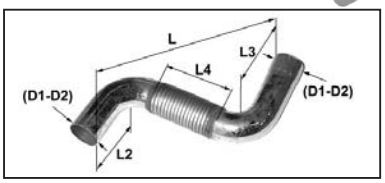
REF 134TA6020

REF 110TA8599

REF 134TA6054

REF 134TA6076

used for: LINDE-LANSING



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	38	38	415			300	106TA6329
	38	45	420			285	105TA7196
	38	49	317			180	118TA1493
	40	40	65				118TA1664
	42	42	290				108TA4431
	42	42	395				108TA4424
	42	42	475				108TA4427
	42	42	570				108TA4433
	42	45	300				118TA1636
	42	45	335				105TA6941
	42	46	1025				118TA1219
	43	51	1085				134TA5696

REF 106TA6329

REF 105TA7196

REF 118TA1493

REF 118TA1664

REF 108TA4431

REF 108TA4424

REF 108TA4427

REF 108TA4433

REF 118TA1636

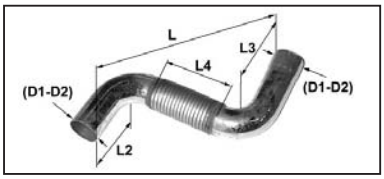
REF 105TA6941

REF 118TA1219

REF 134TA5696

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: LINDE-LANSING



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	48	50	81				134TA6237
	49	49	780				134TA6131
	51	54	300				123TA6683
	53	59	430			180	124TA7235
	54	54	210			115	118TA1597
	54	60	398			210	123TA6684
	68	70	160				124TA7242
1	30	30	215	20	195		134TA5986
	38	38	75	35	65		105TA7406
	38	56	345	75	265	145	123TA6685
	40	41	1970	55	1925	1000	118TA1499
	40	46	1630	35	730	710	134TA5618

REF 134TA6237

REF 134TA6131

REF 123TA6683

REF 124TA7235

REF 118TA1597

REF 123TA6684

REF 124TA7242

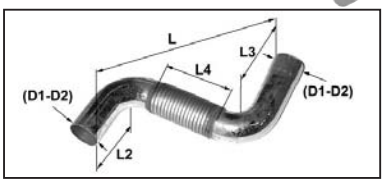
REF 134TA5986

REF 105TA7406

REF 123TA6685

REF 118TA1499

REF 134TA5618



used for: LINDE-LANSING

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	40	46	1710	53	1680	825	134TA5666
	42	42	235	70	180		139TA3990
	42	42	472	460	40	410	134TA5620
	42	51	270	140	230		118TA1446
	44	49	926	80	900		134TA5625
	44	52	180	60	150		118TA1392
	45	45	75	35	40		118TA1393
	45	48	1620	45	1600		134TA5646
	45	49	485	110	410		118TA1439
	48	48	215	90	105		108TA4394
	48	50	215	80	175		134TA5526
	49	53	225	20	200		134TA5971

REF 134TA5666

REF 139TA3990

REF 134TA5620

REF 118TA1446

REF 134TA5625

REF 118TA1392

REF 118TA1393

REF 134TA5646

REF 118TA1439

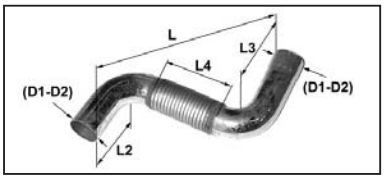
REF 108TA4394

REF 134TA5526

REF 134TA5971

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: LINDE-LANSING



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	50	50	145	50	110		134TA6209
	50	50	153	100	100		134TA6262
	50	50	155	125	310	160	134TA5955
	50	50	645	135	600	160	134TA5874
	50	51	150	135	165		134TA6316
	50	53	157	50	107		134TA6087
	50	54	115	60	68		110TA9619
	50	54	200	75	165		134TA5523
	50	55	840	90	800		134TA5692
	50	55	845	75	820		134TA5555
	51	51	155	175	200		118TA1601
	51	51	225	50	205		118TA1614

REF 134TA6209

REF 134TA6262

REF 134TA5955

REF 134TA5874

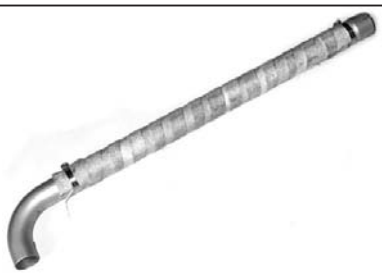
REF 134TA6316

REF 134TA6087

REF 110TA9619

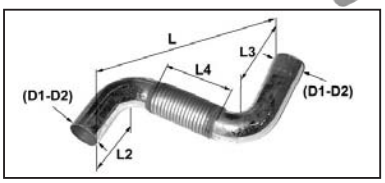
REF 134TA5523

REF 134TA5692


REF 134TA5555

REF 118TA1601

REF 118TA1614



used for: LINDE-LANSING

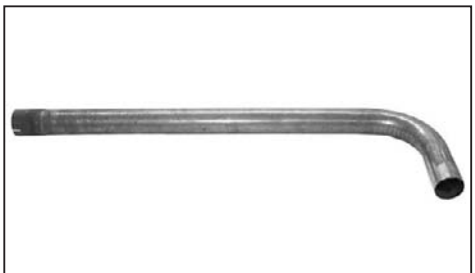
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	51	51	270	90	175		124TA5154
	51	51	440	70	400		105TA7373
	51	53	560	50	530		124TA2865
	51	54	650	290	500	280	118TA1505
	51	54	805	160	764		108TA4372
	51	55	170	84	97		108TA4463
	51	56	300	80	275		118TA1464
	52	54	380	200	235		105TA7374
	52	57	175	70	140		118TA1573
	55	36	1025	80	1030		124TA7239
	55	55	250	100	175		134TA5991
	55	55	1405	40	138		134TA5760

REF 124TA5154

REF 105TA7373

REF 124TA2865

REF 118TA1505


REF 108TA4372

REF 108TA4463

REF 118TA1464

REF 105TA7374

REF 118TA1573

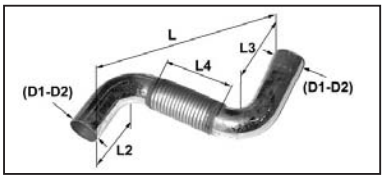
REF 124TA7239

REF 134TA5991

REF 134TA5760

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: LINDE-LANSING



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	55	57	370	50	360		118TA1678
	55	60	270	135	160		105TA7120
	56	52	210	70	180		123TA6686
	56	59	610	145	480		106TA7368
	60	65	485	185	340		124TA2076
	60	66	1400	300	1210		118TA1509
	60	67	295	120	240		118TA1435
	60	67	297	125	260		118TA1497
	60	68	295	115	235		118TA1426
	60	68	302	115	260		118TA1698
	60	68	590	120	565		134TA5746
	60	79	294	90	210		118TA1480

REF 118TA1678

REF 105TA7120

REF 123TA6686

REF 106TA7368

REF 124TA2076

REF 118TA1509

REF 118TA1435

REF 118TA1497

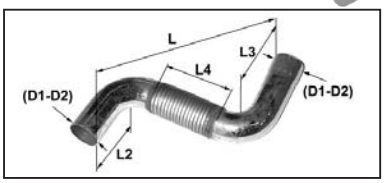
REF 118TA1426

REF 118TA1698

REF 134TA5746

REF 118TA1480

used for: LINDE-LANSING



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	63	63	535	195	440	215	139TA3991
	68	70	300	125	245		118TA1422
	68	70	900	120	900		134TA5952
	70	70	180	150	160		134TA6010
	70	70	205	75	160		105TA7300
	70	70	290	140	180		134TA6012
	70	70	340	65	280		118TA1436
	76	76	225	60	220		134TA5987
	76	76	345	70	275		123TA6687
	76	80	140	80	80		124TA5155
	76	82	630	180	565		123TA6688
	77	77	240	60	180		134TA5942

REF 139TA3991

REF 118TA1422

REF 134TA5952

REF 134TA6010

REF 105TA7300

REF 134TA6012

REF 118TA1436

REF 134TA5987

REF 123TA6687

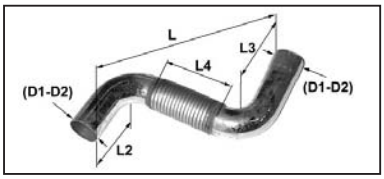
REF 124TA5155

REF 123TA6688

REF 134TA5942

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: LINDE-LANSING



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	77	80	1730	90	1700		124TA1113
	80	80	370	100	280		118TA1461
	83	83	590	70	535		124TA2868
	124	132	2220	620	1660		134TA6090
2	29	29	380	80	170		106TA7375
	36	36	150	35	45		134TA6153
	40	40	460	87	280		134TA6123
	40	41	500	140	285		134TA5568
	40	42	225	90	110		134TA6273
	41	44	385	60	70	160	134TA6218
	41	48	420	80	85	140	123TA6690
	42	45	355	35	240	165	134TA5683

REF 124TA1113

REF 118TA1461

REF 124TA2868

REF 134TA6090

REF 106TA7375

REF 134TA6153

REF 134TA6123

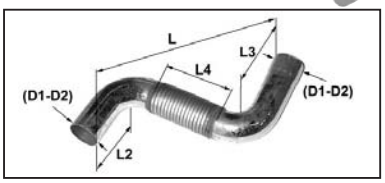
REF 134TA5568

REF 134TA6273

REF 134TA6218

REF 123TA6690

REF 134TA5683



used for: LINDE-LANSING

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	42	45	1440	80	110	840	134TA5559
	42	47	370	60	70	210	134TA6080
	44	46	350	50	120		105TA7292
	44	46	390	150	180	240	134TA6230
	44	51	90	22	45		118TA1477
	45	45	165	70	125		105TA6994
	45	45	220	50	70		105TA7385
	45	45	300	65	85		105TA7351
	45	45	415	110	120		118TA1452
	46	46	370	55	95		118TA1450
	46	46	375	95	100		118TA1398
	47	50	440	90	250		134TA5802

REF 134TA5559

REF 134TA6080

REF 105TA7292

REF 134TA6230

REF 118TA1477

REF 105TA6994

REF 105TA7385

REF 105TA7351

REF 118TA1452

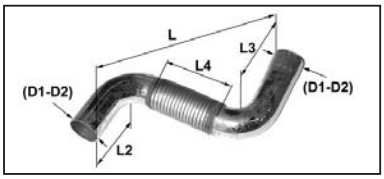
REF 118TA1450

REF 118TA1398

REF 134TA5802

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: LINDE-LANSING

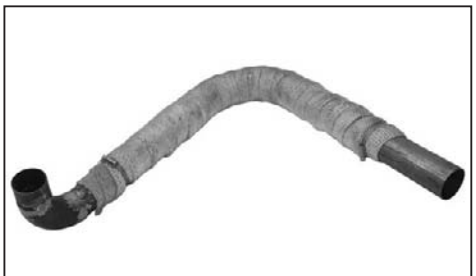


Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	47	56	955	10	135		134TA5733
	48	48	495	85	150		105TA7314
	48	48	955	220	555		118TA1440
	48	49	526	70	415		134TA6094
	48	52	420	20	120		105TA7029
	49	50	455	100	110		118TA1403
	49	51	655	55	395	290	134TA6001
	49	56	260	35	50		134TA6259
	50	50	300	30	85		118TA1408
	50	50	390	80	290		134TA5783
	50	50	440	85	120		134TA5784
	50	51	320	35	80		134TA6146

REF 134TA5733

REF 105TA7314

REF 118TA1440


REF 134TA6094

REF 105TA7029

REF 118TA1403

REF 134TA6001

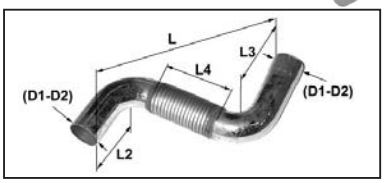
REF 134TA6259

REF 118TA1408

REF 134TA5783

REF 134TA5784

REF 134TA6146



used for: LINDE-LANSING

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	50	51	500	100	410	130	108TA4439
	50	51	595	70	400	285	139TA3992
	50	54	260	85	90		124TA5156
	50	55	480	50	415	210	134TA5754
	51	51	585	55	153		134TA6330
	51	51	645	55	400	285	134TA5690
	51	53	590	60	405	200	134TA5715
	51	54	500	90	115	150	139TA3993
	51	55	445	45	120		134TA5681
	51	55	685	60	410	210	134TA5684
	51	60	305	35	80		118TA1419
	51	69	260	20	65		118TA1529

REF 108TA4439

REF 139TA3992

REF 124TA5156

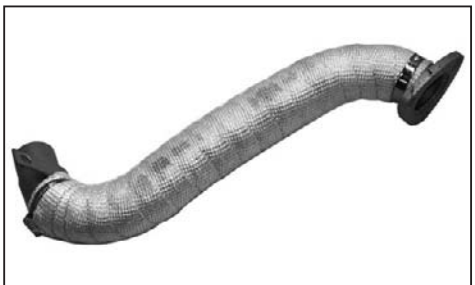
REF 134TA5754

REF 134TA6330

REF 134TA5690

REF 134TA5715

REF 139TA3993


REF 134TA5681

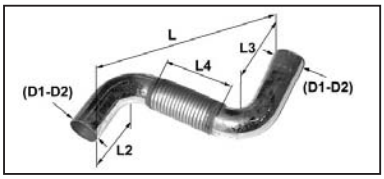
REF 134TA5684

REF 118TA1419

REF 118TA1529

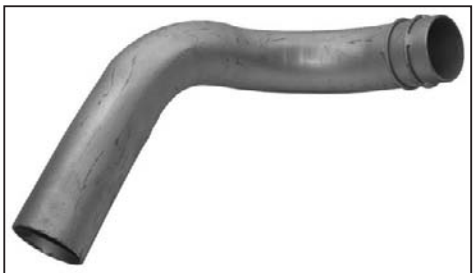
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: LINDE-LANSING



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	52	56	362	105	150		134TA6208
	54	54	300	110	170		134TA6119
	54	54	375	135	145		105TA7364
	54	60	500	135	175		105TA7325
	54	76	350	45	125	220	139TA3994
	60	64	450	245	165		134TA6003
	63	63	110	55	25		134TA6051
	72	72	372	160	250		123TA6691
	75	80	484	120	135		139TA3995
3	30	30	300	20	65		134TA5984
	30	50	240	20	55		134TA5985
	38	42	625	175	255		105TA7331

REF 134TA6208


REF 134TA6119

REF 105TA7364

REF 105TA7325

REF 139TA3994

REF 134TA6003

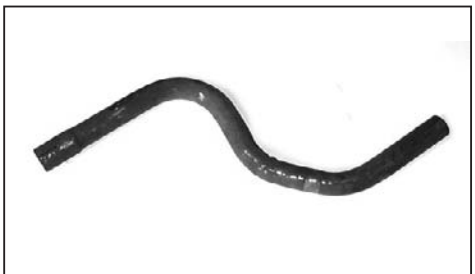
REF 134TA6051

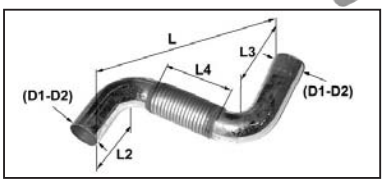
REF 123TA6691

REF 139TA3995

REF 134TA5984

REF 134TA5985


REF 105TA7331



used for: LINDE-LANSING

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	43	44	580	40	70	310	134TA5499
	43	46	685	140	225		118TA1425
	44	45	330	25	160		105TA7291
	44	45	405	20	170	230	134TA5521
	44	49	380	33	50	240	134TA6248
	45	45	525	40	115	345	134TA6252
	45	50	330	55	70		139TA3996
	47	51	335	40	70		134TA5501
	48	48	440	125	175		118TA1432
	48	50	350	30	115		124TA7243
	49	51	225	60	100		139TA3997
	49	53	315	20	50		134TA5970

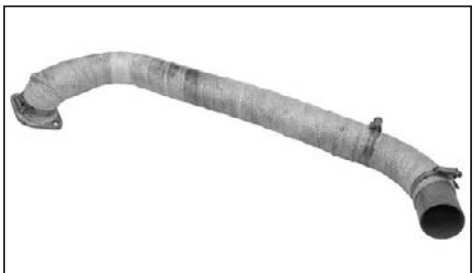
REF 134TA5499

REF 118TA1425

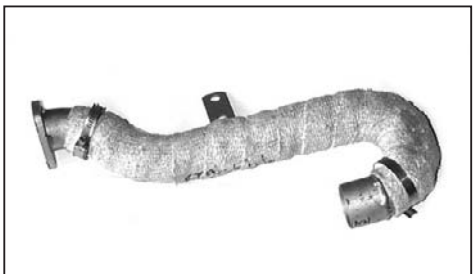
REF 105TA7291

REF 134TA5521

REF 134TA6248


REF 134TA6252

REF 139TA3996


REF 134TA5501

REF 118TA1432

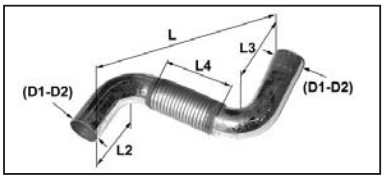
REF 124TA7243

REF 139TA3997

REF 134TA5970

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: LINDE-LANSING



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	50	48	240	60	130		139TA3998
	50	50	228	60	85		118TA1583
	50	50	235	55	95		134TA6085
	50	50	235	60	135		134TA5764
	50	50	265	55	125		139TA3999
	50	50	283	25	120		139TA4000
	50	50	345	50	100		139TA4001
	50	50	360	25	105		134TA6227
	50	55	240	20	40		134TA5972
	51	54	1220	265	950		124TA2080
	51	55	1005	110	255		134TA6331
	64	69	350	50	105		118TA1453

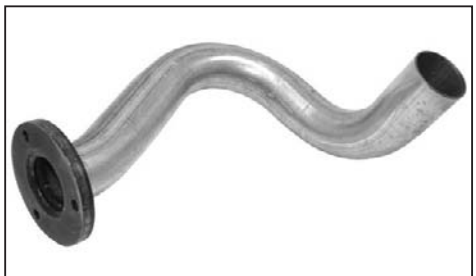
REF 139TA3998

REF 118TA1583

REF 134TA6085

REF 134TA5764

REF 139TA3999


REF 139TA4000

REF 139TA4001

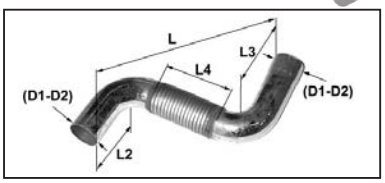
REF 134TA6227

REF 134TA5972

REF 124TA2080

REF 134TA6331

REF 118TA1453



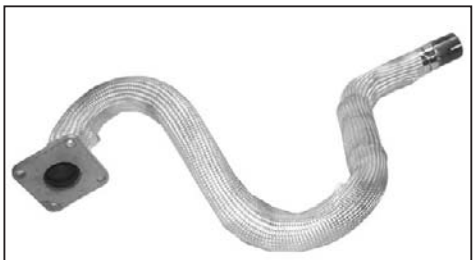
used for: LINDE-LANSING

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	66	69	340	50	80		123TA6692
	70	70	865	100	730	200	139TA4002
	90	127	950	120	260	210	134TA6013
4	38	41	595	70	170	145	123TA6693
	42	43	555	145	185		124TA4491
	42	45	635	70	85		105TA7212
	43	45	610	60	75	310	134TA5557
	45	45	560	40	100	270	134TA6141
	45	45	570	70	80	260	134TA5643
	45	50	525	80	80	120	134TA5757
	48	51	720	35	276		123TA6694
	48	58	685	35	145		118TA1441

REF 123TA6692

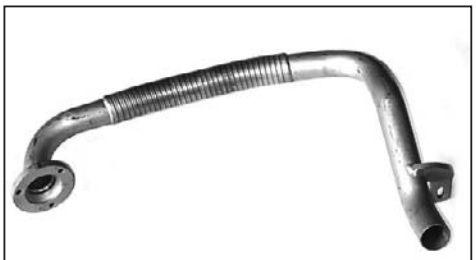
REF 139TA4002

REF 134TA6013

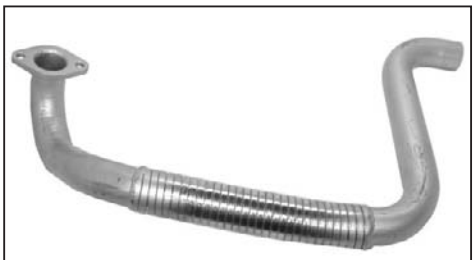

REF 123TA6693

REF 124TA4491

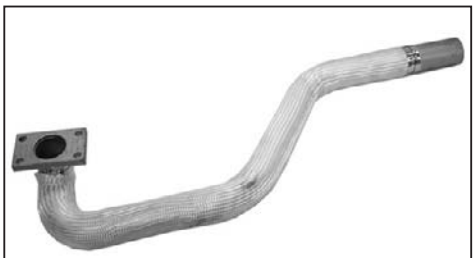
REF 105TA7212

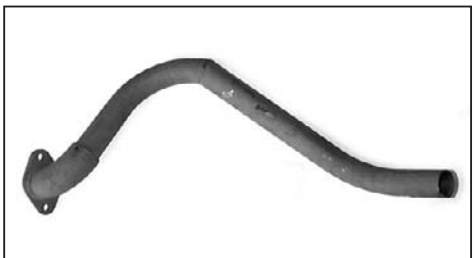

REF 134TA5557

REF 134TA6141


REF 134TA5643

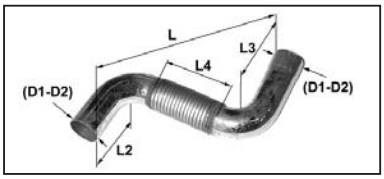
REF 134TA5757


REF 123TA6694


REF 118TA1441

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: LINDE-LANSING

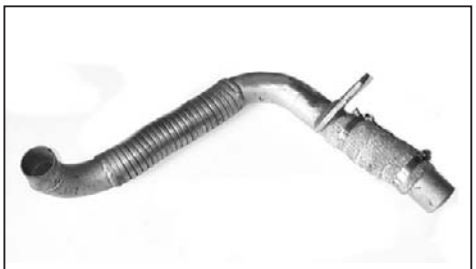


Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	49	50	630	80	120	325	134TA5670
	50	50	410	60	85		134TA5745
	50	50	700	40	40	380	134TA5663
	50	51	540	55	65	230	134TA5571
	50	55	290	40	100		139TA4003
	52	52	545	75	385	80	105TA6958
	54	57	750	35	155		118TA1429
	55	55	825	30	175		118TA1389
	55	58	640	35	155		118TA1430
	56	57	800	35	160		118TA1428
	60	62	515	130	385		134TA5701
5	35	45	785	20	60	340	134TA5556

REF 134TA5670

REF 134TA5745

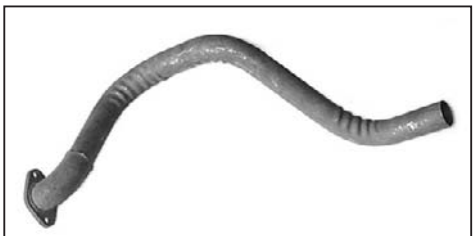
REF 134TA5663


REF 134TA5571

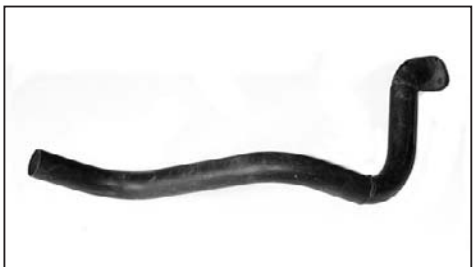
REF 139TA4003

REF 105TA6958

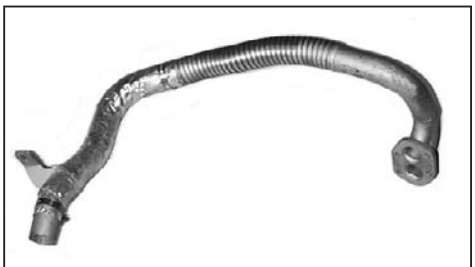
REF 118TA1429


REF 118TA1389

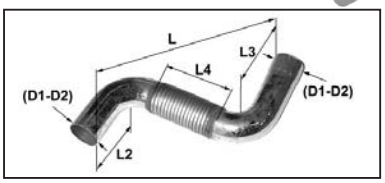
REF 118TA1430


REF 118TA1428

REF 134TA5701


REF 134TA5556

used for: LINDE-LANSING

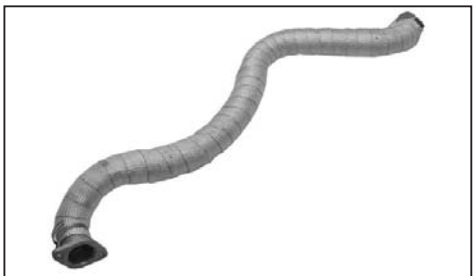


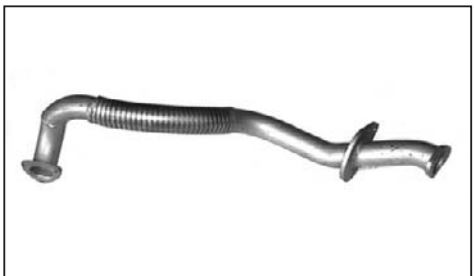
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
5	38	38	135	7	54		134TA5767
	43	45	810	55	65	350	134TA6285
	44	45	445	45	65	300	134TA6025
	45	45	780	55	80		139TA4004
	50	50	660	45	45	305	134TA5572
	50	50	745	40	60	280	134TA5522
6	50	50	550	50	100	300	134TA6233
	50	50	660	45	65	270	134TA5544
	50	50	830	60	60	360	134TA5550

REF 134TA5767

REF 134TA6285

REF 134TA6025


REF 139TA4004


REF 134TA5572

REF 134TA5522

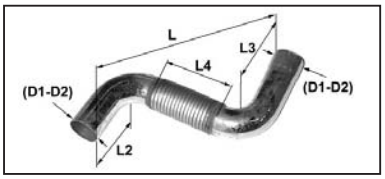
REF 134TA6233

REF 134TA5544

REF 134TA5550

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

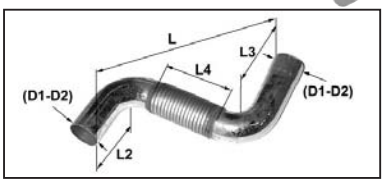
used for: LUGLI



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	56	60	630			500	139TA4005
1	45	49	100	20	75		134TA6355

REF 139TA4005

REF 134TA6355



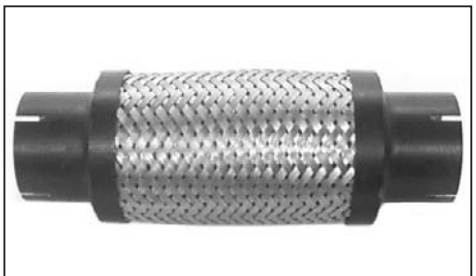
used for: MANITOU

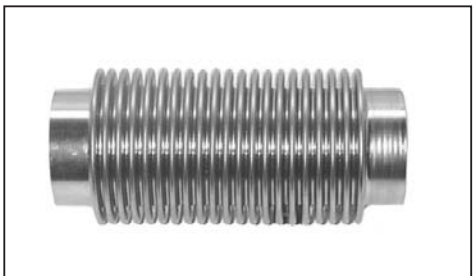
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	48	48	175				118TA1669
	48	61	1055				134TA6300
	55	55	176				134TA6053
	59	59	232			147	108TA4445
	61	61	180			138	108TA4416
1	36	38	390	80	435	260	139TA4006
	42	42	125	50	75		139TA4007
	43	47	127	25	90		123TA6695
	45	49	100	20	75		134TA6354
	50	56	124	50	110		134TA6299
	55	60	115	35	90		105TA6934
	56	56	305	20	285		134TA5798

REF 118TA1669

REF 134TA6300

REF 134TA6053


REF 108TA4445


REF 108TA4416

REF 139TA4006

REF 139TA4007

REF 123TA6695

REF 134TA6354

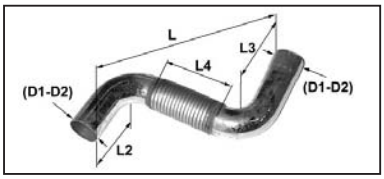
REF 134TA6299

REF 105TA6934

REF 134TA5798

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: MANITOU



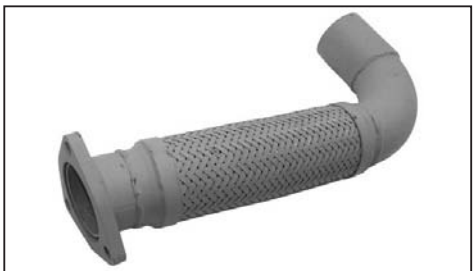
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	58	61	690	250	450		139TA4008
	58	65	445	270	305	175	124TA7233
	60	64	105	25	80		108TA4507
	60	77	245	130	210		134TA5965
	61	64	323	90	305	170	134TA6007
	70	70	330	120	280	140	134TA6270
	70	76	220	120	150		124TA7241
	76	90	335	30	310		139TA4009
2	41	50	500	100	285		108TA4539
	42	55	690	60	330		134TA5797
	42	56	290	85	100		134TA5799
	42	60	117	52	90		108TA4538

REF 139TA4008

REF 124TA7233

REF 108TA4507

REF 134TA5965


REF 134TA6007

REF 134TA6270

REF 124TA7241

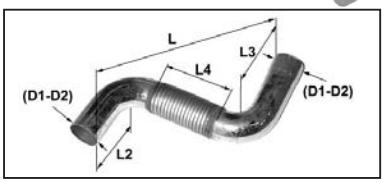
REF 139TA4009

REF 108TA4539

REF 134TA5797

REF 134TA5799

REF 108TA4538



used for: MANITOU

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	42	63	680	45	288	220	118TA1602
	43	61	352	25	82		118TA1603
	45	48	375	30	250	50	139TA4010
	45	50	532	130	495		139TA4011
	46	50	417	110	180		118TA1521
	47	50	220	30	120		134TA6214
	48	48	510	120	180		134TA6056
	54	56	1170	20	60		124TA7629
	54	60	475	95	100	150	134TA6067
	54	62	730	130	190	155	134TA6157
	55	60	480	80	95		108TA4537
	56	60	370	65	70		134TA5933

REF 118TA1602

REF 118TA1603

REF 139TA4010

REF 139TA4011

REF 118TA1521

REF 134TA6214

REF 134TA6056

REF 124TA7629

REF 134TA6067

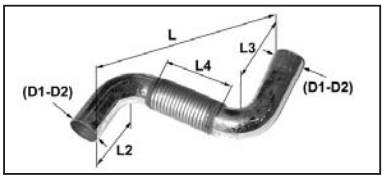
REF 134TA6157

REF 108TA4537

REF 134TA5933

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: MANITOU



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	56	65	933	110	650		118TA1642
	60	60	350	110	120	70	139TA4012
	60	60	370	50	100	160	108TA4506
	60	61	205	55	115		139TA4013
	60	62	270	20	90	150	139TA4014
	60	65	295	35	75	130	134TA6052
	64	64	450	110	120	168	123TA6696
	64	72	435	110	115	145	134TA6212
3	42	42	750	75	120	150	139TA4015
	42	50	435	50	95		134TA5868
	54	64	760	30	125	115	134TA5790
	54	72	390	55	190	115	139TA4016

REF 118TA1642

REF 139TA4012

REF 108TA4506

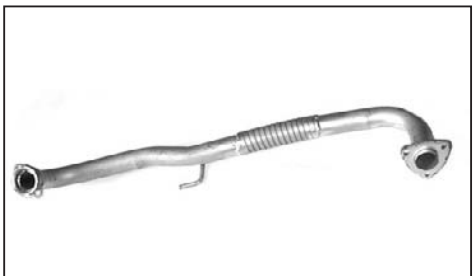
REF 139TA4013

REF 139TA4014

REF 134TA6052

REF 123TA6696

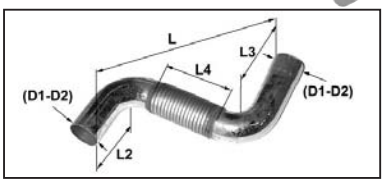
REF 134TA6212


REF 139TA4015

REF 134TA5868

REF 134TA5790

REF 139TA4016



used for: MANITOU

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	55	60	255	55	100		108TA4415
	60	60	1080	20	130		134TA6070
	60	60	1265	70	490		139TA4017
	60	60	1770	30	120		139TA4018
	60	64	815	60	245	160	139TA4019
	60	65	290	80	145		134TA5945
	60	79	1775	30	125		123TA6697
	64	72	350	200	250	160	124TA1082
	64	72	410	180	245	145	134TA6160
	64	72	520	100	245	140	123TA6698
	65	65	490	30	80	115	134TA5810
4	49	60	500	55	70	140	134TA6332

REF 108TA4415

REF 134TA6070

REF 139TA4017

REF 139TA4018

REF 139TA4019

REF 134TA5945

REF 123TA6697

REF 124TA1082

REF 134TA6160

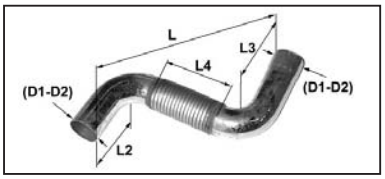
REF 123TA6698

REF 134TA5810

REF 134TA6332

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

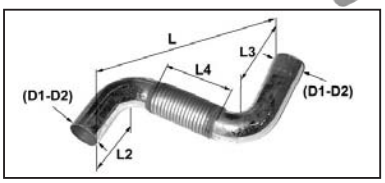
used for: MANITOU



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	55	58	1067	20	165		108TA4542
	61	64	500	50	90	170	134TA5815

REF 108TA4542

REF 134TA5815



used for: MERLO

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	74	74	57	34	38		134TA5723
2	54	61	630	35	300	180	134TA6296
	65	65	810	75	540	200	134TA6002
3	65	70	885	75	150	155	139TA4020
4	64	71	980	50	100	175	134TA6359
	65	70	1000	100	145		134TA6006
	65	70	1033	80	110	155	139TA4021

REF 134TA5723

REF 134TA6296

REF 134TA6002

REF 139TA4020

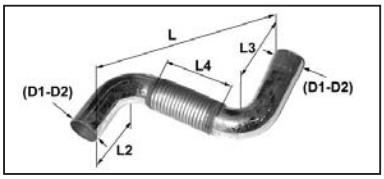
REF 134TA6359

REF 134TA6006

REF 139TA4021

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: MITSUBISHI-CATERPILLAR



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	42	45	315			215	139TA4022
	42	47	151				139TA4023
	51	55	300			205	105TA7119
	54	63	153				139TA4024
	55	55	580			470	105TA7151
	61	61	66				139TA4025
	68	68	315				134TA6074
	69	69	378			368	123TA6580
	77	77	125				139TA4026
	101	106	350			300	134TA6289
1	35	51	460	170	408		118TA1540
	38	41	175	80	155		105TA6930

REF 139TA4022

REF 139TA4023

REF 105TA7119

REF 139TA4024

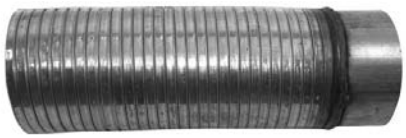
REF 105TA7151

REF 139TA4025

REF 134TA6074

REF 123TA6580

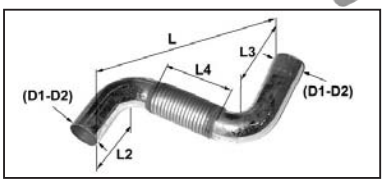
REF 139TA4026


REF 134TA6289

REF 118TA1540

REF 105TA6930

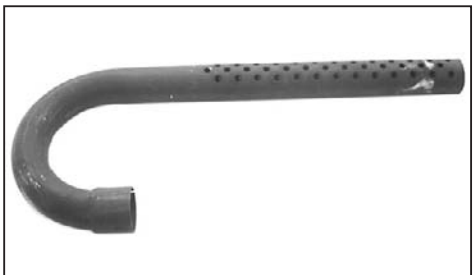
used for: MITSUBISHI-CATERPILLAR



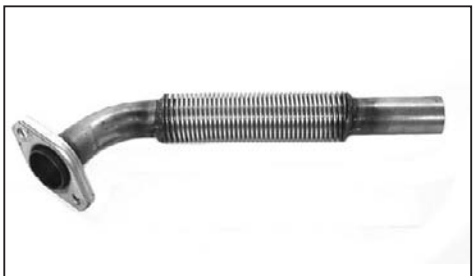
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	38	42	285	65	245	155	139TA4027
	38	42	310	110	285		134TA5495
	38	42	358	80	420		124TA7230
	38	42	360	65	335		134TA5961
	38	42	370	80	315	180	105TA6920
	38	42	420	70	365	225	105TA7198
	38	42	565	80	558		108TA4470
	38	42	905	70	840		134TA5671
	38	42	910	82	842		105TA6866
	38	43	140	80	100		134TA5981
	38	43	390	170	230		105TA7256
	41	46	180	90	150		139TA4028

REF 139TA4027

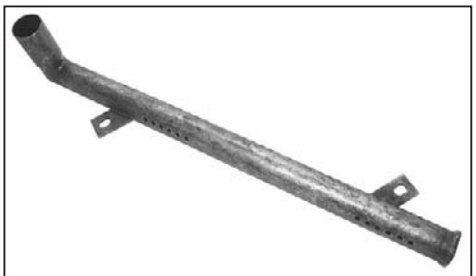
REF 134TA5495

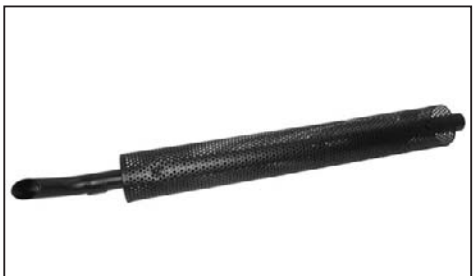

REF 124TA7230

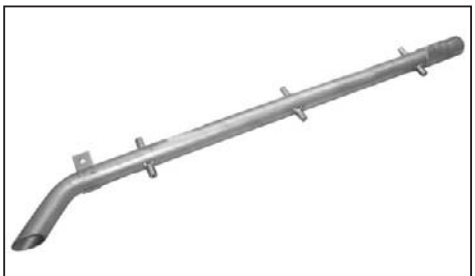
REF 134TA5961


REF 105TA6920

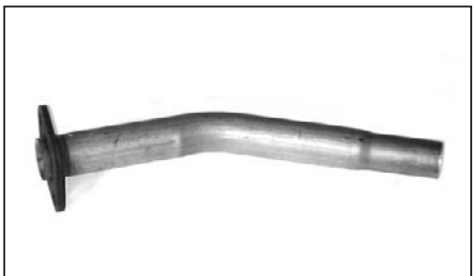
REF 105TA7198


REF 108TA4470


REF 134TA5671


REF 105TA6866

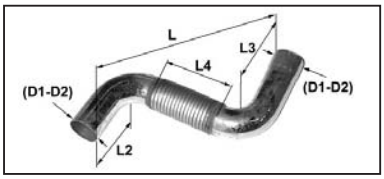
REF 134TA5981


REF 105TA7256

REF 139TA4028

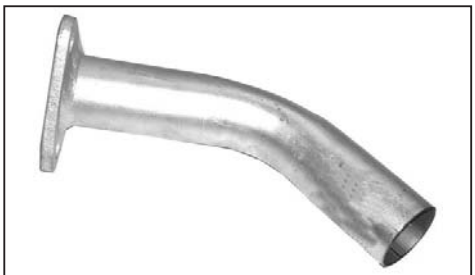
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: MITSUBISHI-CATERPILLAR



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	42	42	420	20	22		105TA7448
	43	43	200	97	115		118TA1632
	43	47	233	30	200		105TA7455
	43	47	307	108	203		105TA7415
	43	52	915	52	890		139TA4029
	43	56	1020	110	1000		139TA4030
	44	50	1070	50	1035		139TA4031
	45	45	580	255	340		134TA5920
	45	48	330	180	310	160	139TA4032
	45	48	340	170	320	170	139TA4033
	45	50	285	115	350		134TA6185
	47	47	390	95	360	275	105TA7062

REF 105TA7448


REF 118TA1632

REF 105TA7455

REF 105TA7415

REF 139TA4029

REF 139TA4030

REF 139TA4031

REF 134TA5920

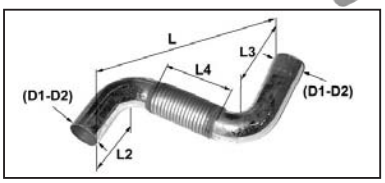
REF 139TA4032

REF 139TA4033

REF 134TA6185

REF 105TA7062

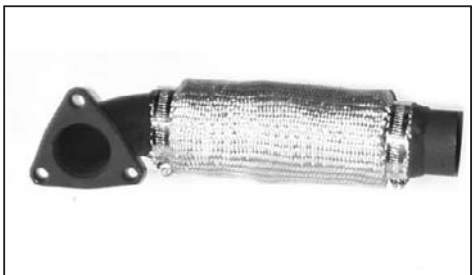
used for: MITSUBISHI-CATERPILLAR

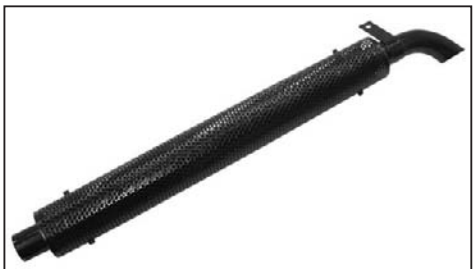


Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	48	60	460	200	395	180	139TA4034
	49	54	340	35	300		105TA7185
	50	51	260	25	250	175	118TA1374
	50	52	895	40	870		134TA6032
	50	57	770	70	164	750	108TA4474
	50	58	1135	30	1100		139TA4035
	51	53	895	262	695		108TA4404
	51	55	83	33	50		108TA4529
	53	55	1067	75	1030		123TA6015
	57	61	270	37	280	100	139TA4036
	62	63	925	60	880		118TA1569
	62	64	207	100	140		108TA4442

REF 139TA4034

REF 105TA7185

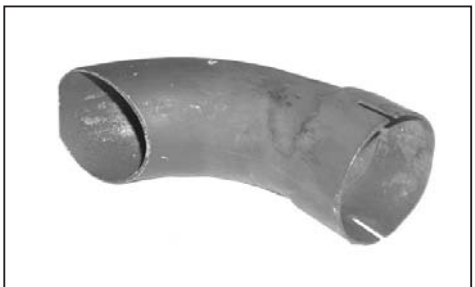

REF 118TA1374


REF 134TA6032

REF 108TA4474

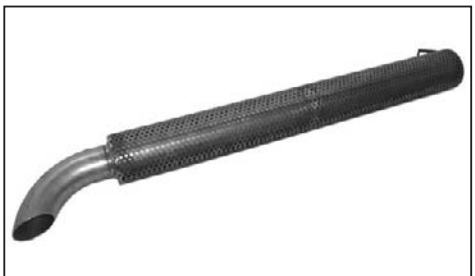
REF 139TA4035

REF 108TA4404


REF 108TA4529

REF 123TA6015

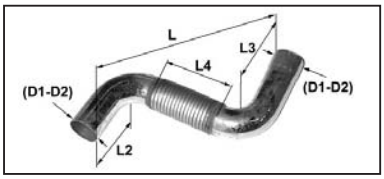
REF 139TA4036


REF 118TA1569

REF 108TA4442

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: MITSUBISHI-CATERPILLAR



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	62	64	225	70	180		105TA7357
	63	63	143	60	85		108TA4449
	63	67	225	115	160		139TA4037
	63	67	685	140	620	320	105TA7237
	63	67	760	30	715		134TA5882
	64	64	142	60	115		139TA4038
	69	69	404	85	380	275	118TA1570
	76	76	175	85	140		134TA5925
	88	88	165	75	115		108TA4514
	89	89	245	120	160		105TA7159
	90	90	410	65	400	270	105TA7240
2	35	38	515	100	130		139TA4039

REF 105TA7357

REF 108TA4449

REF 139TA4037

REF 105TA7237

REF 134TA5882

REF 139TA4038

REF 118TA1570

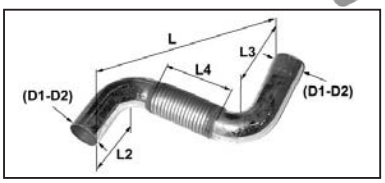
REF 134TA5925

REF 108TA4514

REF 105TA7159

REF 105TA7240

REF 139TA4039



used for: MITSUBISHI-CATERPILLAR

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	35	38	645	115	160		139TA4040
	35	39	650	105	170		139TA4041
	37	38	430	50	115	240	134TA6101
	38	38	265	35	110		105TA6890
	38	38	270	60	110		123TA6582
	38	38	580	180	230		105TA7082
	38	42	545	65	370		105TA7281
	38	43	420	70	175	166	139TA4042
	38	55	190	40	90		105TA7065
	38	55	300	65	115		124TA5153
	38	55	315	65	135		105TA6877
	39	54	180	46	77		118TA1631

REF 139TA4040

REF 139TA4041

REF 134TA6101

REF 105TA6890

REF 123TA6582

REF 105TA7082

REF 105TA7281

REF 139TA4042

REF 105TA7065

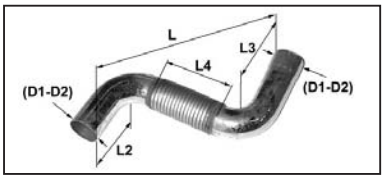
REF 124TA5153

REF 105TA6877

REF 118TA1631

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: MITSUBISHI-CATERPILLAR



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	41	41	260	65	120	130	105TA6892
	41	45	208	65	75		108TA4454
	42	42	615	65	360		139TA4043
	42	44	565	70	520		105TA7241
	43	43	415	105	195		105TA7390
	43	43	425	110	200		105TA7097
	43	43	435	65	210		134TA5832
	43	43	472	70	220		139TA4044
	44	45	545	50	200	110	139TA4045
	45	45	330	90	280	145	139TA4046
	45	45	555	95	370	200	139TA4047
	45	45	560	95	345	230	139TA4048

REF 105TA6892

REF 108TA4454

REF 139TA4043

REF 105TA7241

REF 105TA7390

REF 105TA7097

REF 134TA5832

REF 139TA4044

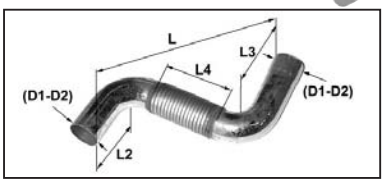
REF 139TA4045

REF 139TA4046

REF 139TA4047

REF 139TA4048

used for: MITSUBISHI-CATERPILLAR



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	45	47	475	125	305	130	139TA4049
	45	48	450	70	175	52	139TA4050
	45	49	215	55	60		123TA6583
	45	49	218	50	60		124TA2097
	50	50	250	75	90		105TA6981
	50	50	395	25	315	175	134TA5928
	50	50	400	33	125	160	105TA7066
	50	50	445	65	95	280	105TA7006
	50	51	1130	45	70		105TA7319
	50	55	240	70	105		105TA7101
	50	55	795	130	195		105TA7035
	51	51	380	240	400	210	123TA6585

REF 139TA4049

REF 139TA4050

REF 123TA6583

REF 124TA2097

REF 105TA6981

REF 134TA5928

REF 105TA7066

REF 105TA7006

REF 105TA7319

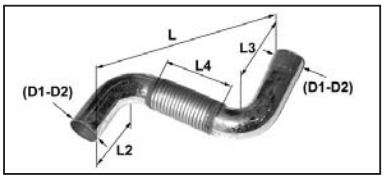
REF 105TA7101

REF 105TA7035

REF 123TA6585

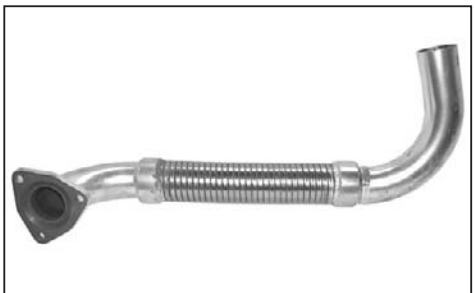
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: MITSUBISHI-CATERPILLAR



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	51	51	420	245	405	210	123TA6586
	51	51	470	50	130	230	118TA1662
	51	51	500	100	105		118TA1616
	51	52	375	25	45	170	105TA7129
	51	54	65	41	46		123TA6587
	51	54	540	140	460		134TA6249
	51	55	677	240	450		123TA6584
	52	55	200	40	215		105TA7088
	52	57	1090	65	140		124TA5148
	57	64	650	70	168	390	105TA6896
	59	60	290	70	76		134TA5642
	76	76	305	40	120		105TA7140

REF 123TA6586


REF 118TA1662

REF 118TA1616

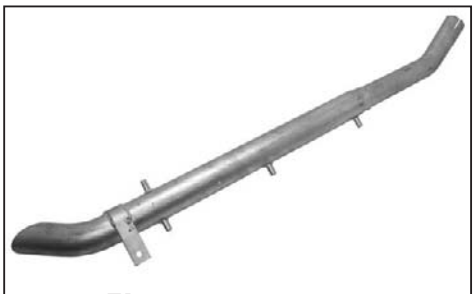
REF 105TA7129

REF 123TA6587

REF 134TA6249

REF 123TA6584

REF 105TA7088

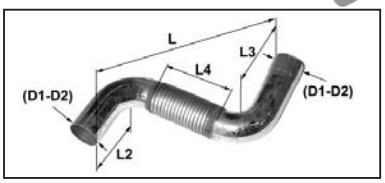

REF 124TA5148

REF 105TA6896

REF 134TA5642

REF 105TA7140

used for: MITSUBISHI-CATERPILLAR



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	34	35	240	10	43		139TA4051
	34	36	395	95	165	138	134TA5673
	34	40	267	5	50		139TA4052
	35	48	580	70	113		139TA4053
	36	42	354	60	105		134TA5732
	37	38	440	40	85		108TA4457
	37	42	350	60	100		139TA4054
	38	38	310	47	104		123TA6588
	38	38	313	50	82		108TA4512
	38	38	320	50	100		105TA7423
	38	38	330	70	100		105TA7388
	38	38	650	70	120		139TA4055

REF 139TA4051

REF 134TA5673

REF 139TA4052

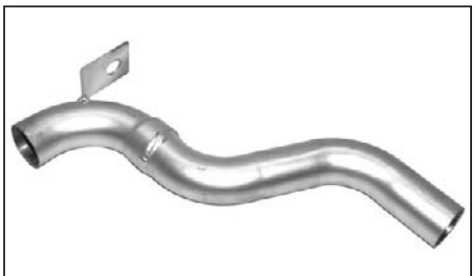
REF 139TA4053

REF 134TA5732

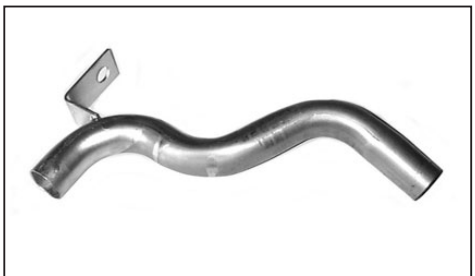
REF 108TA4457

REF 139TA4054

REF 123TA6588


REF 108TA4512

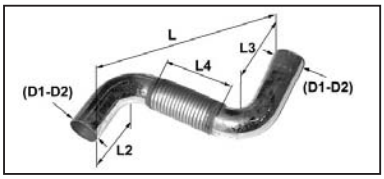
REF 105TA7423


REF 105TA7388

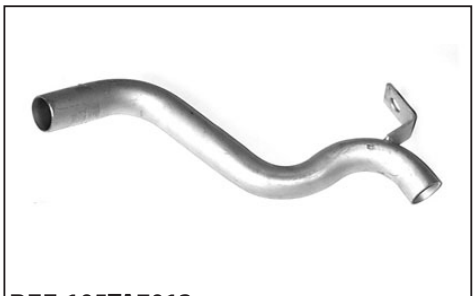
REF 139TA4055

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: MITSUBISHI-CATERPILLAR



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	38	39	370	50	100		105TA7013
	38	42	305	75	85		134TA6335
	38	42	390	110	120		134TA6286
	38	42	438	100	125		134TA6238
	38	45	575	80	240	140	139TA4056
	39	42	285	68	110		139TA4057
	40	40	390	45	95		134TA5935
	40	48	565	66	95		139TA4058
	41	45	360	73	150	150	139TA4059
	41	45	509	220	225		108TA4455
	41	47	415	60	100		139TA4060
	42	42	353	30	148		108TA8890


REF 105TA7013

REF 134TA6335

REF 134TA6286

REF 134TA6238

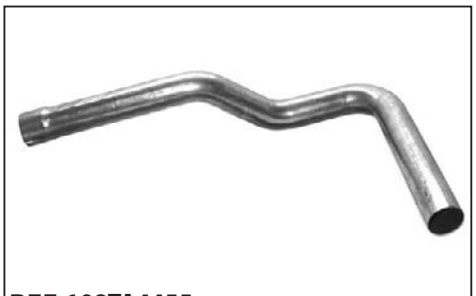
REF 139TA4056

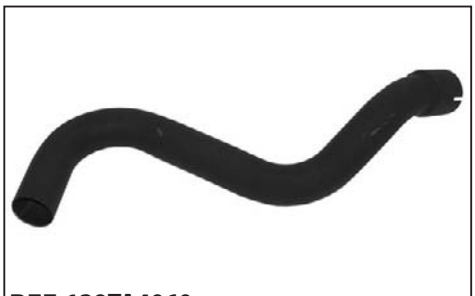
REF 139TA4057

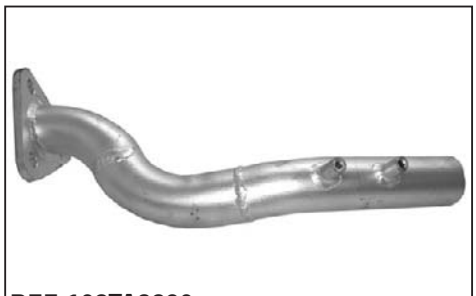
REF 134TA5935

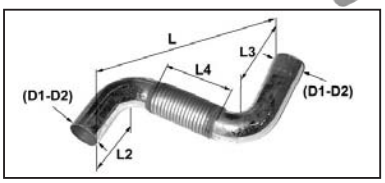
REF 139TA4058

REF 139TA4059


REF 108TA4455


REF 139TA4060


REF 108TA8890



used for: MITSUBISHI-CATERPILLAR

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	42	49	330	27	75		139TA4061
	43	43	425	80	90	140	134TA5547
	43	43	525	80	110		139TA4062
	43	45	335	25	250	165	106TA5021
	43	47	275	70	265		139TA4063
	44	44	620	50	330	230	139TA4064
	45	45	590	45	275	135	139TA4065
	45	45	640	75	295	125	139TA4066
	45	48	340	60	105		139TA4067
	47	48	510	90	100		139TA4068
	50	50	360	75	100		134TA5734
	50	50	550	90	100	165	106TA7350

REF 139TA4061

REF 134TA5547

REF 139TA4062

REF 106TA5021

REF 139TA4063

REF 139TA4064

REF 139TA4065

REF 139TA4066

REF 139TA4067

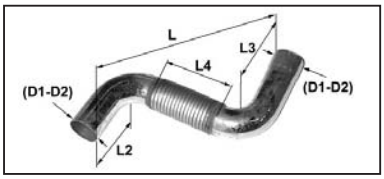
REF 139TA4068

REF 134TA5734

REF 106TA7350

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

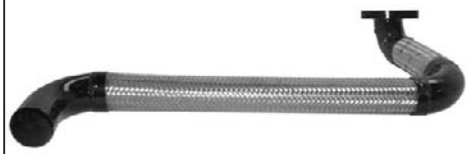
used for: MITSUBISHI-CATERPILLAR



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	50	51	560	105	230	275	108TA4519
	50	55	450	105	120		105TA6947
	51	51	610	35	75	410	108TA4536
	51	51	655	115	215		105TA7203
	51	53	405	50	85		105TA7437
	51	54	155	40	60		134TA5887
	51	54	450	60	90		118TA1547
	51	55	370	50	90		105TA7269
	53	66	545	130	320	170	134TA5682
	57	60	620	70	195		139TA4069
	57	65	692	64	167	380	105TA6905
	59	65	865	145	190	255	134TA5633

REF 108TA4519

REF 105TA6947


REF 108TA4536

REF 105TA7203

REF 105TA7437

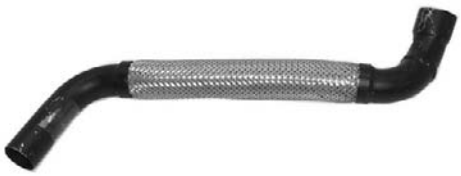
REF 134TA5887

REF 118TA1547

REF 105TA7269

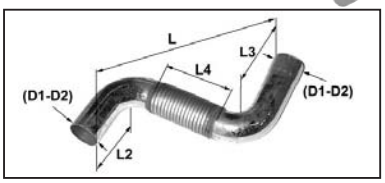
REF 134TA5682

REF 139TA4069


REF 105TA6905

REF 134TA5633

used for: MITSUBISHI-CATERPILLAR



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	62	62	540	100	140		139TA4070
	65	64	588	130	200		139TA4071
	76	76	423	90	380		139TA4072
	80	102	295	90	195		134TA6291
4	35	35	605	105	140		139TA4073
	38	38	560	95	115	150	134TA5626
	38	46	390	45	55	150	118TA1465
	39	38	363	55	65	110	134TA5617
	43	43	470	35	110		134TA5836
	43	47	740	70	265		105TA7244
	47	48	670	60	80		139TA4074
	48	48	500	65	80		139TA4075

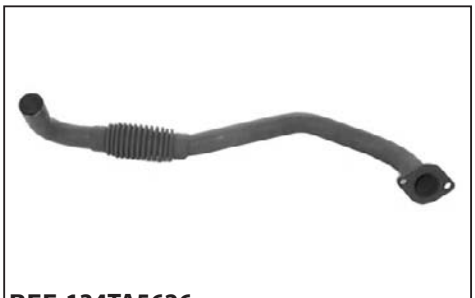
REF 139TA4070

REF 139TA4071

REF 139TA4072

REF 134TA6291

REF 139TA4073


REF 134TA5626

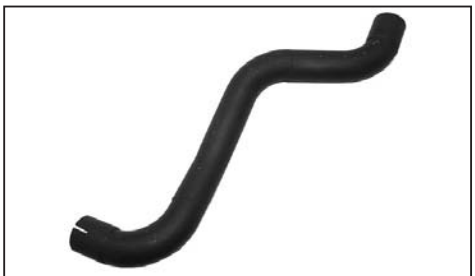
REF 118TA1465

REF 134TA5617

REF 134TA5836

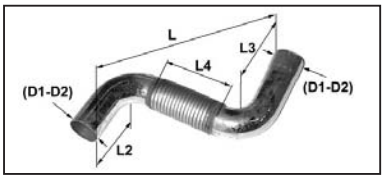
REF 105TA7244

REF 139TA4074


REF 139TA4075

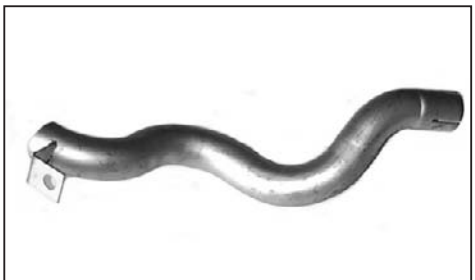
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: MITSUBISHI-CATERPILLAR



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	50	50	325	150	350	175	105TA6968
	50	52	480	40	90		105TA7134
	51	51	550	100	195		110TA8593
	51	52	840	100	335		139TA4076
	61	63	630	105	120		105TA7213
5	35	35	605	70	70		139TA4077
	38	38	570	80	280	135	134TA6114
	38	38	835	110	240		105TA6898
	38	42	1235	25	200		134TA6026
	39	43	1145	50	80		134TA6343
	39	47	510	80	260	140	139TA4078
	39	47	530	35	90	135	139TA4079

REF 105TA6968


REF 105TA7134

REF 110TA8593

REF 139TA4076

REF 105TA7213

REF 139TA4077

REF 134TA6114

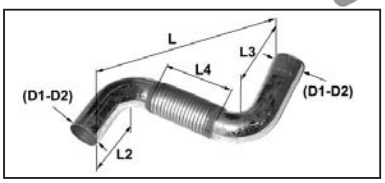
REF 105TA6898

REF 134TA6026

REF 134TA6343

REF 139TA4078

REF 139TA4079

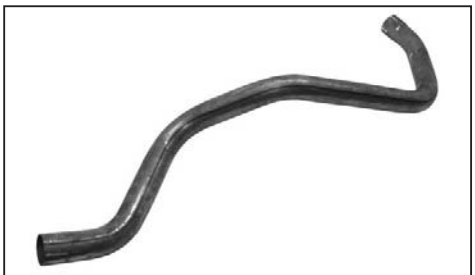


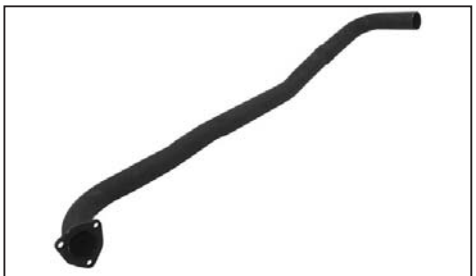
used for: MITSUBISHI-CATERPILLAR

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
5	40	42	680	120	273	150	139TA4080
	44	49	1345	40	50		139TA4081
	51	54	970	85	120		134TA5990
	61	61	1140	100	180		139TA4082
6	42	42	750	70	70	150	134TA5624
	43	47	640	120	120	150	134TA5834

REF 139TA4080

REF 139TA4081


REF 134TA5990

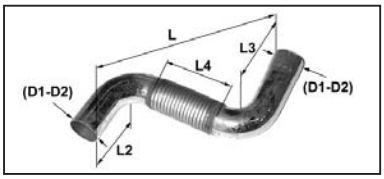

REF 139TA4082

REF 134TA5624

REF 134TA5834

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: MOFFETT



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	35	35	102	32	74		134TA6050
	40	41	475	20	470	105	139TA4083
	42	43	150	32	147		134TA5977
2	41	45	515	30	350	155	134TA6351
	42	42	235	30	135		134TA6021
	42	42	252	25	80		134TA5641
	43	51	560	60	420		134TA6055
	50	48	260	35	95		134TA6077
4	35	35	565	60	180		139TA4084
5	37	39	790	40	90		139TA4085

REF 134TA6050

REF 139TA4083

REF 134TA5977

REF 134TA6351

REF 134TA6021

REF 134TA5641

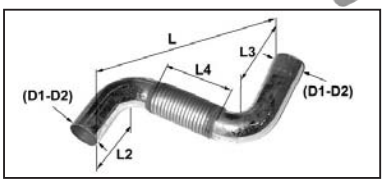
REF 134TA6055

REF 134TA6077

REF 139TA4084

REF 139TA4085

used for: NIFTYLIFT

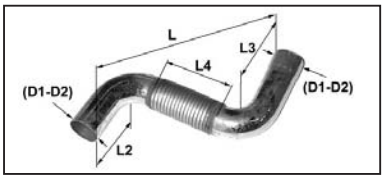


Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	35	37	180				134TA6057

REF 134TA6057

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: NISSAN



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	38	42	246				118TA1575
	41	46	313				134TA5804
	45	47	253				134TA6107
	46	46	250				105TA6895
1	35	38	122	53	87		123TA6700
	36	38	75	26	52		123TA6701
	38	38	205	10	195		105TA6980
	38	38	335	115	270		105TA6894
	38	42	200	130	150		139TA4086
	38	42	257	160	180		134TA5996
	38	42	310	110	285		105TA6912
	38	42	865				124TA7247

REF 118TA1575

REF 134TA5804

REF 134TA6107

REF 105TA6895

REF 123TA6700

REF 123TA6701

REF 105TA6980

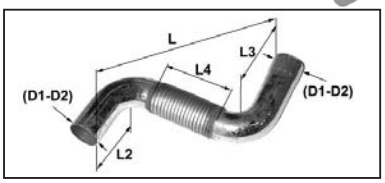
REF 105TA6894

REF 139TA4086

REF 134TA5996

REF 105TA6912

REF 124TA7247



used for: NISSAN

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	38	47	174	80	110		123TA6702
	38	47	180	95	110		134TA5821
	42	38	300	85	290		134TA5843
	44	48	205	115	130		124TA1025
	45	45	215	54	170	70	124TA1028
	45	50	242	90	190		134TA5615
	46	46	140	20	125		124TA1029
	50	57	258	150	170		108TA4391
	53	53	260	165	165		105TA6881
	70	70	390	195	230		105TA7189
2	35	38	537	122	470		108TA4401
	35	40	375	105	130		134TA5939

REF 123TA6702

REF 134TA5821

REF 134TA5843

REF 124TA1025

REF 124TA1028

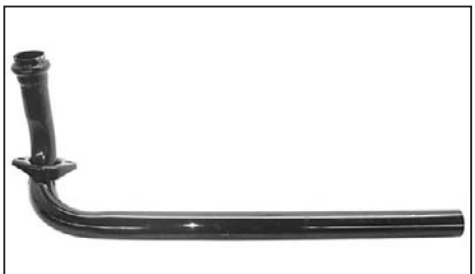
REF 134TA5615

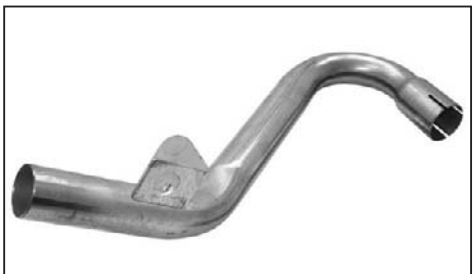
REF 124TA1029

REF 108TA4391

REF 105TA6881

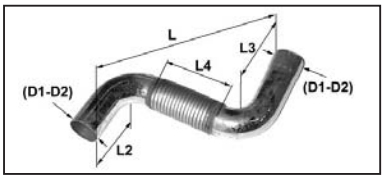
REF 105TA7189


REF 108TA4401


REF 134TA5939

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: NISSAN



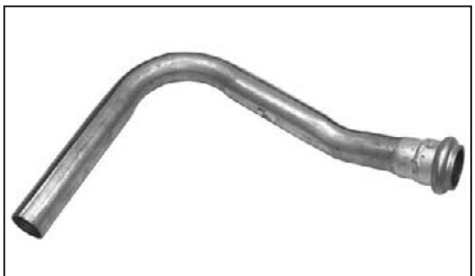
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	36	38	250	35	90		123TA6703
	38	38	395	85	200		134TA5744
	38	42	245	110	155		105TA7128
	38	42	365	115	185		139TA4087
	38	42	405	130	245		124TA1065
	38	43	440	50	120	210	134TA6169
	39	41	250	80	150		134TA5997
	40	41	425	255	265		105TA7162
	40	45	540	250	280		134TA5963
	42	42	350	105	255		105TA6982
	42	42	515	150	205		105TA6878
	42	44	424	60	250		124TA1041

REF 123TA6703

REF 134TA5744

REF 105TA7128

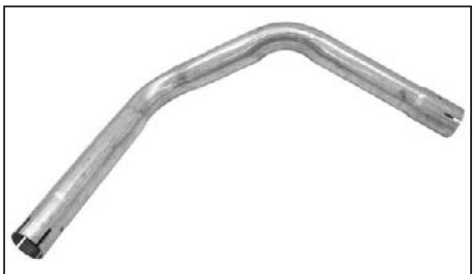
REF 139TA4087


REF 124TA1065

REF 134TA6169

REF 134TA5997

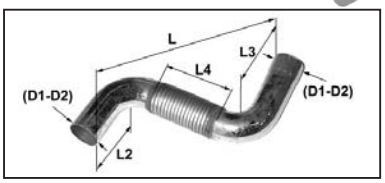
REF 105TA7162


REF 134TA5963

REF 105TA6982

REF 105TA6878

REF 124TA1041



used for: NISSAN

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	42	46	416	90	225		134TA5735
	42	46	425	160	210		124TA1081
	42	46	495	125	255		124TA2863
	42	46	542	130	250		134TA5739
	43	43	435	65	210		134TA5833
	44	44	230	35	100		124TA1032
	44	48	467	160	240		139TA4088
	45	56	560	160	230		139TA4089
	47	47	420	150	225		110TA9674
	47	47	467	145	230		108TA4407
	51	51	187	30	110		123TA6704
	52	57	1090	65	140		124TA5146

REF 134TA5735

REF 124TA1081

REF 124TA2863

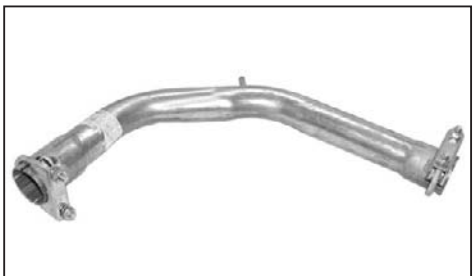
REF 134TA5739

REF 134TA5833

REF 124TA1032

REF 139TA4088

REF 139TA4089


REF 110TA9674

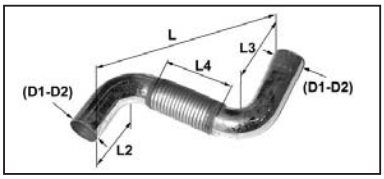
REF 108TA4407

REF 123TA6704

REF 124TA5146

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: NISSAN



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	54	58	645	87	225		118TA1651
	55	80	1038	150	268		108TA4392
	61	66	310	45	50		123TA6705
	64	64	405	50	245		123TA6706
3	35	35	480	30	50		118TA1599
	37	38	680	60	235	70	139TA4090
	37	38	765	60	330	70	139TA4091
	38	38	380	85	155		105TA7096
	38	38	1160	20	140		105TA7202
	38	42	330	75	80		105TA7034
	38	42	550	110	175		134TA5897
	38	42	730	80	150		105TA6928

REF 118TA1651

REF 108TA4392

REF 123TA6705

REF 123TA6706

REF 118TA1599

REF 139TA4090

REF 139TA4091

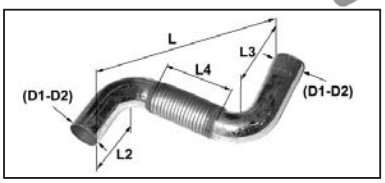
REF 105TA7096

REF 105TA7202

REF 105TA7034

REF 134TA5897

REF 105TA6928



used for: NISSAN

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	42	42	520	160	260		134TA6239
	42	42	535	160	215		105TA6879
	42	42	560	145	320		105TA7080
	42	42	775	90	160		106TA5019
	45	45	100	60	520		105TA7218
	53	54	470	125	215		105TA7243
	54	59	695	200	360		118TA1527
4	38	41	645	65	70		105TA7031
	38	41	785	120	140		134TA5988
	38	41	830	90	250		139TA4092
	38	42	755	133	160		105TA6880
	39	41	495	60	100		134TA5748

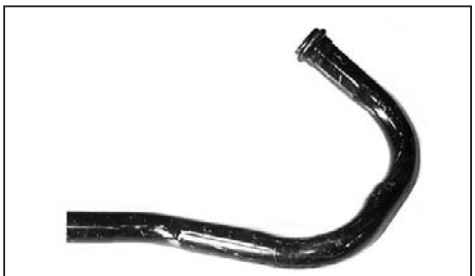
REF 134TA6239

REF 105TA6879

REF 105TA7080

REF 106TA5019

REF 105TA7218


REF 105TA7243

REF 118TA1527

REF 105TA7031

REF 134TA5988

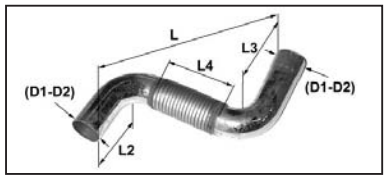
REF 139TA4092

REF 105TA6880

REF 134TA5748

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: NISSAN



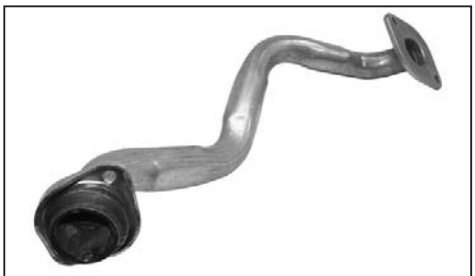
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	39	43	550	55	90		123TA6707
	40	40	530	40	90		134TA5964
	41	41	550	55	70	190	123TA6708
	42	42	400	65	95		134TA6201
	42	42	495	35	85		139TA4093
	42	42	750	130	145		105TA7168
	42	42	800	120	160		123TA6709
	42	42	825	140	160		134TA6341
	42	43	570	140	200		105TA7252
	42	47	297	45	59	130	108TA4397
	43	43	470	35	110		134TA5837
	43	47	500	80	100		123TA6710

REF 123TA6707

REF 134TA5964

REF 123TA6708

REF 134TA6201


REF 139TA4093

REF 105TA7168

REF 123TA6709

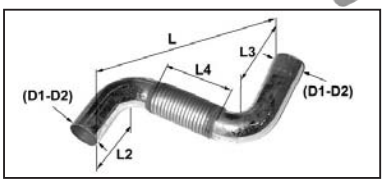
REF 134TA6341

REF 105TA7252

REF 108TA4397

REF 134TA5837

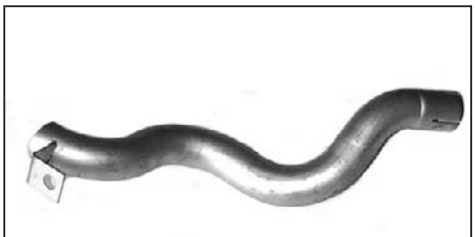
REF 123TA6710



used for: NISSAN

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	45	50	545	70	148		118TA1649
	50	52	480	40	90		123TA6711
	50	54	860	30	85		134TA6135
	50	54	865	50	90		105TA6951
	54	61	880	325	470		108TA4473
5	35	47	680	75	100		134TA5979
	40	43	530	80	280	140	134TA5842
	41	41	650	75	80		105TA7447
	42	42	365	60	80	125	105TA7261
	44	51	470	60	70		124TA1035
	50	54	430	90	145		105TA6885
6	38	41	605	65	70		110TA9696

REF 118TA1649


REF 123TA6711

REF 134TA6135

REF 105TA6951

REF 108TA4473

REF 134TA5979

REF 134TA5842

REF 105TA7447

REF 105TA7261

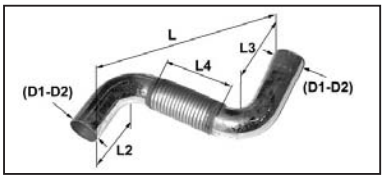
REF 124TA1035

REF 105TA6885

REF 110TA9696

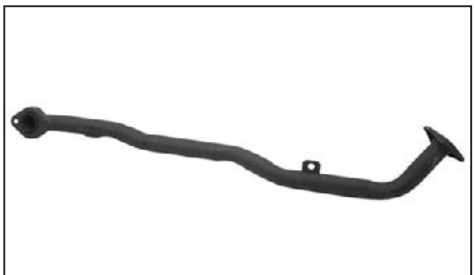
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: NISSAN



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
6	42	47	620	55	75		134TA5959
	43	43	910	90	140		134TA6207
	43	47	640	120	120	150	134TA5835
	47	40	605	75	75		134TA5958

REF 134TA5959

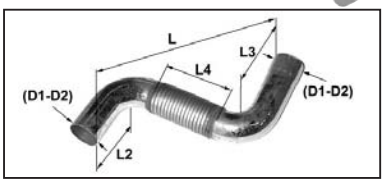


REF 134TA6207

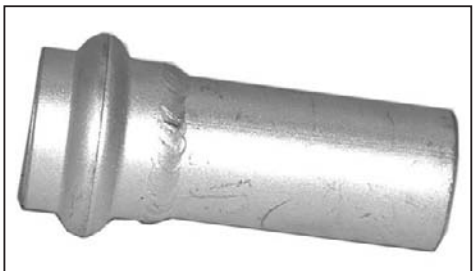
REF 134TA5835

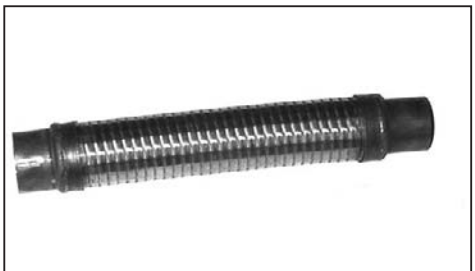
REF 134TA5958

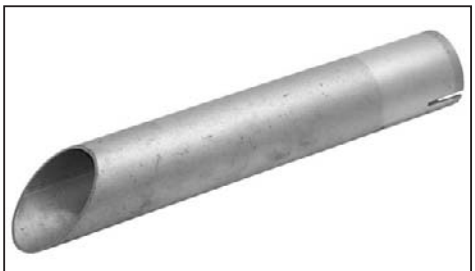
used for: OM PIMESPO



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	34	38	99				139TA4094
	42	45	315			215	139TA4095
	46	46	270				139TA4096
	49	49	780				134TA6130
	53	53	190				139TA4097
	58	58	110				139TA4098
1	38	64	870	90	800		139TA4099
	39	43	190	105	130		139TA4100
	42	42	328	75	255	140	139TA4101
	43	43	200	110	135		139TA4102
	43	46	615	245	395	250	139TA4103
	43	47	315	80	280		139TA4104


REF 139TA4094

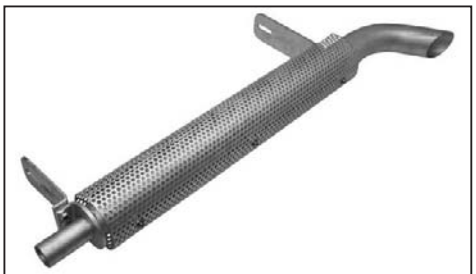

REF 139TA4095


REF 139TA4096

REF 134TA6130

REF 139TA4097

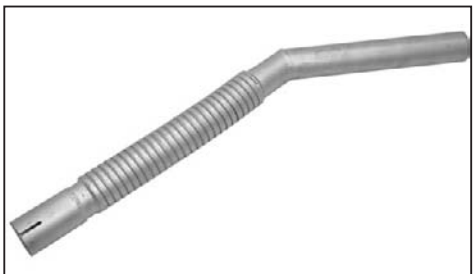
REF 139TA4098

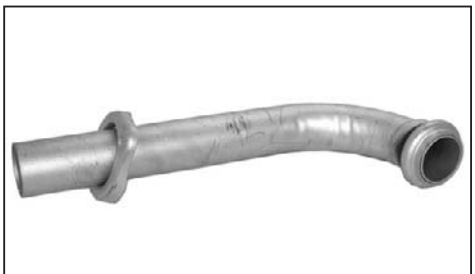

REF 139TA4099

REF 139TA4100

REF 139TA4101

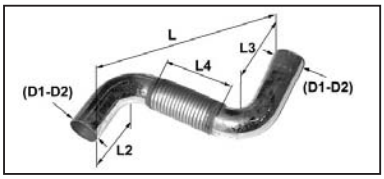
REF 139TA4102


REF 139TA4103


REF 139TA4104

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: OM PIMESPO



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	44	49	926	80	900		108TA4385
	45	45	850	115	806		106TA6246
	45	48	1620	45	1600		104TA5988
	45	50	925	94	905		118TA1535
	45	55	784	170	620	300	139TA4105
	45	57	890	65	880	640	139TA4106
	48	50	215	80	175		105TA7075
	48	50	770	85	740		134TA6071
	50	50	153	100	100		134TA6261
	50	50	155	125	310	160	134TA5954
	50	54	200	75	165		105TA7048
	50	55	840	90	800		124TA1075

REF 108TA4385

REF 106TA6246

REF 104TA5988

REF 118TA1535

REF 139TA4105

REF 139TA4106

REF 105TA7075

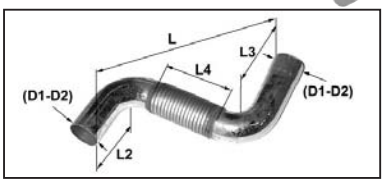
REF 134TA6071

REF 134TA6261

REF 134TA5954

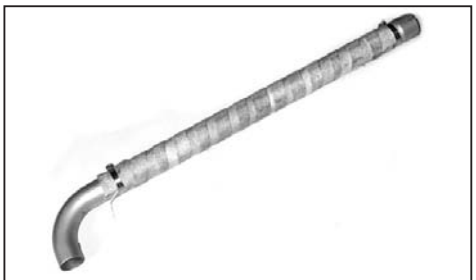
REF 105TA7048

REF 124TA1075



used for: OM PIMESPO

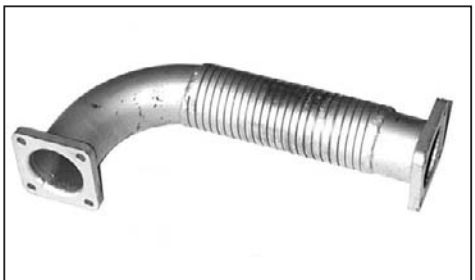
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	50	55	845	75	820		105TA7215
	51	56	975	400	600		139TA4107
	55	55	1405	40	138		134TA5759
	60	60	225	80	150		139TA4108
	70	70	365	105	325	210	105TA7136
2	25	26	160	42	18		124TA1044
	34	37	270	95	120		139TA4109
	36	36	150	35	45		134TA6152
	38	43	410	150	360	150	139TA4110
	40	40	460	87	280		134TA6122
	40	41	500	140	285		105TA7327
	41	48	420	80	85	140	139TA4111


REF 105TA7215

REF 139TA4107

REF 134TA5759

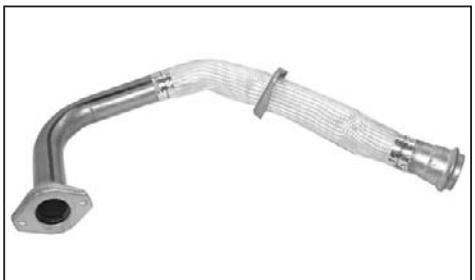
REF 139TA4108


REF 105TA7136

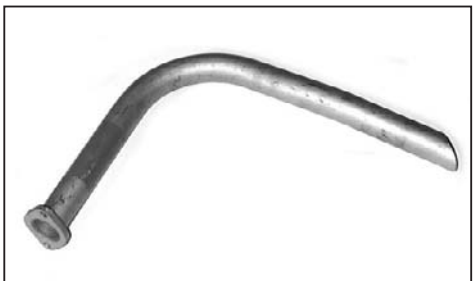
REF 124TA1044

REF 139TA4109

REF 134TA6152


REF 139TA4110

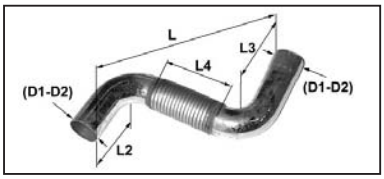
REF 134TA6122


REF 105TA7327

REF 139TA4111

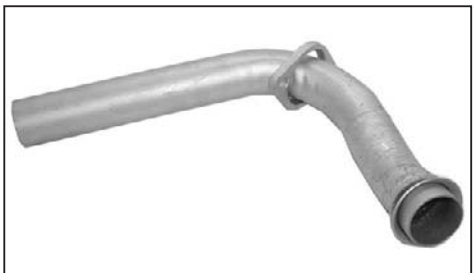
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

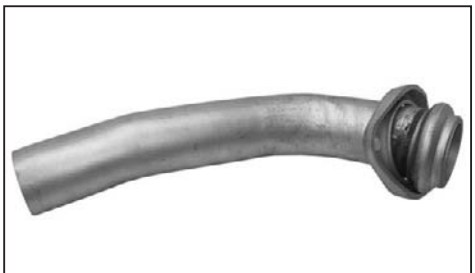
used for: OM PIMESPO



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	42	47	370	60	70	210	139TA4112
	43	43	327	55	240		139TA4113
	43	47	255	65	85		139TA4114
	43	47	475	100	155	175	139TA4115
	44	45	340	65	115		105TA7085
	44	46	390	150	180	240	134TA6229
	44	51	500	70	125		139TA4116
	44	58	825	40	745	390	139TA4117
	45	50	800	120	265	110	139TA4118
	45	54	1010	90	105	75	139TA4119
	47	50	440	90	250		139TA4120
	49	51	655	55	395	290	134TA6000

REF 139TA4112


REF 139TA4113

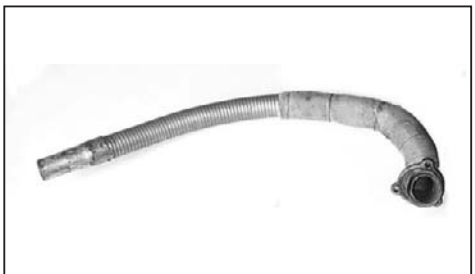

REF 139TA4114

REF 139TA4115

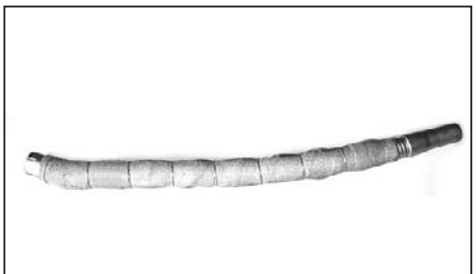
REF 105TA7085

REF 134TA6229

REF 139TA4116

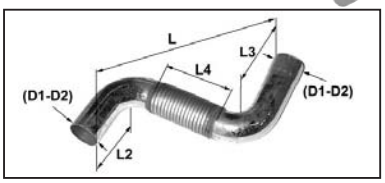

REF 139TA4117

REF 139TA4118


REF 139TA4119

REF 139TA4120

REF 134TA6000



used for: OM PIMESPO

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	49	56	260	35	50		134TA6258
	50	50	390	80	290		134TA5782
	50	51	320	35	80		134TA6145
	50	51	595	70	400	285	139TA4121
	50	55	480	50	415	210	134TA5753
	51	51	645	55	400	285	124TA1054
	51	53	590	60	405	200	134TA5714
	51	55	445	45	120		123TA6615
	51	55	685	60	410	210	123TA6616
	54	54	300	110	170		134TA6118
	54	76	350	45	125	220	139TA4122
3	34	35	400	80	290	110	139TA4123

REF 134TA6258

REF 134TA5782

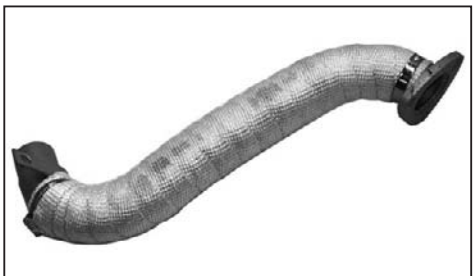
REF 134TA6145

REF 139TA4121

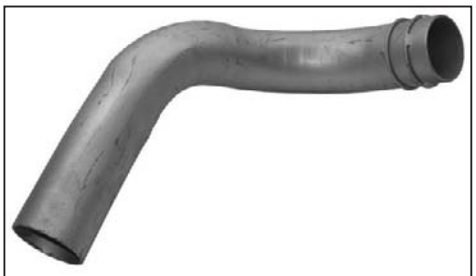
REF 134TA5753

REF 124TA1054

REF 134TA5714


REF 123TA6615

REF 123TA6616

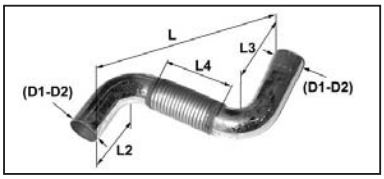

REF 134TA6118

REF 139TA4122

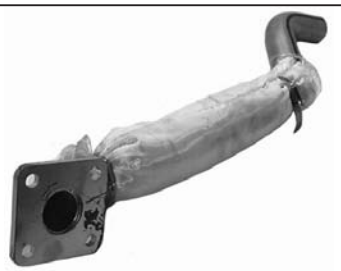
REF 139TA4123

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: OM PIMESPO



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	37	40	565	37	75	150	139TA4124
	38	42	390	85	105	140	139TA4125
	38	47	470	70	90	130	139TA4126
	41	43	490	95	192	145	139TA4127
	42	42	400	95	105		139TA4128
	42	46	358	45	50	178	139TA4129
	42	47	440	45	95	175	139TA4130
	43	43	425	80	90	140	139TA4131
	43	44	580	40	70	310	105TA6937
	43	46	420	75	125	150	139TA4132
	43	47	515	65	255	160	139TA4133
	44	45	405	20	170	230	105TA7032


REF 139TA4124

REF 139TA4125

REF 139TA4126

REF 139TA4127

REF 139TA4128

REF 139TA4129

REF 139TA4130

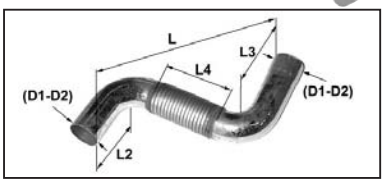
REF 139TA4131

REF 105TA6937

REF 139TA4132

REF 139TA4133

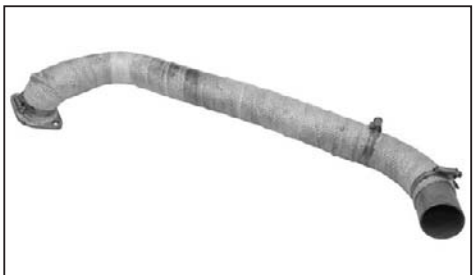
REF 105TA7032



used for: OM PIMESPO

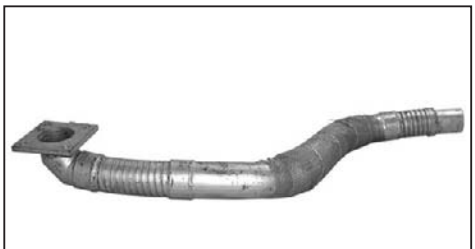
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	44	49	380	33	50	240	134TA6247
	45	45	525	40	115	345	134TA6251
	45	50	330	55	70		139TA4134
	45	51	600	255	450		139TA4135
	45	51	700	20	195	100	139TA4136
	45	52	722	25	250	160	139TA4137
	46	46	440	40	150		134TA6125
	47	49	530	55	95	135	134TA6339
	47	51	335	40	70		105TA6956
	49	49	510	100	100	130	139TA4138
	50	80	885	110	210	100	139TA4139
	51	51	370	40	200		139TA4140

REF 134TA6247


REF 134TA6251

REF 139TA4134

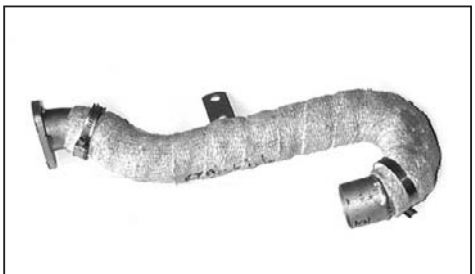
REF 139TA4135


REF 139TA4136

REF 139TA4137

REF 134TA6125

REF 134TA6339


REF 105TA6956

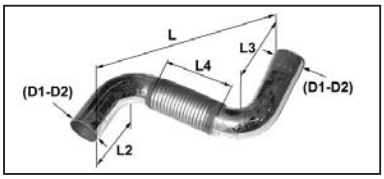
REF 139TA4138

REF 139TA4139

REF 139TA4140

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

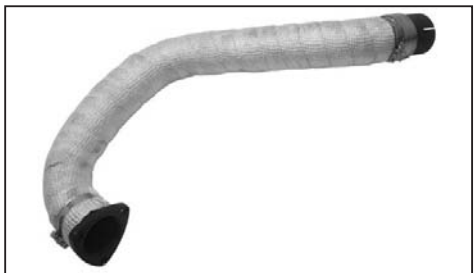
used for: OM PIMESPO



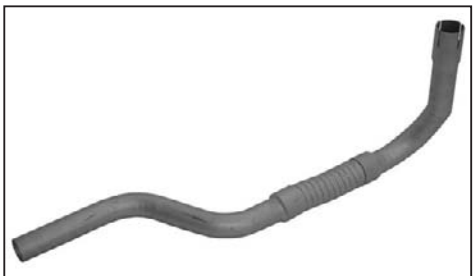
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	51	51	705	110	125	115	139TA4141
	51	54	883	110	125	110	139TA4142
	54	60	590	70	95	160	134TA5808
	70	70	865	100	730	200	139TA4143
4	34	38	630	130	160	110	139TA4144
	34	43	575	15	105	155	139TA4145
	35	42	280	65	125	150	139TA4146
	38	39	355	65	135		139TA4147
	38	41	570	150	180		139TA4148
	38	41	595	70	170	145	139TA4149
	38	45	430	60	60		105TA7216
	39	42	705	65	145		139TA4150

REF 139TA4141

REF 139TA4142


REF 134TA5808

REF 139TA4143

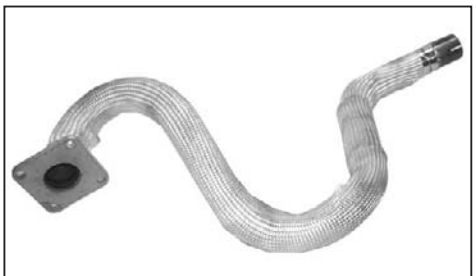

REF 139TA4144

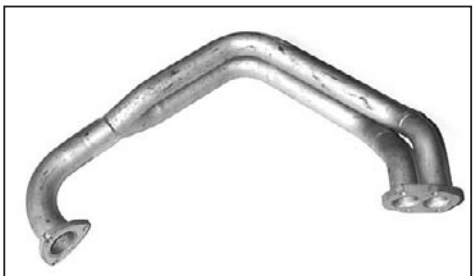
REF 139TA4145

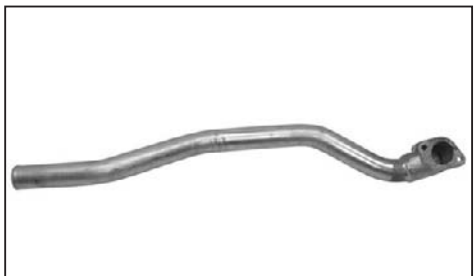
REF 139TA4146

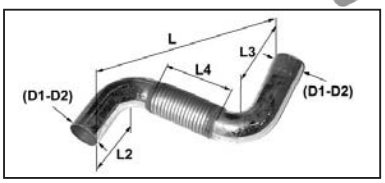
REF 139TA4147

REF 139TA4148


REF 139TA4149


REF 105TA7216

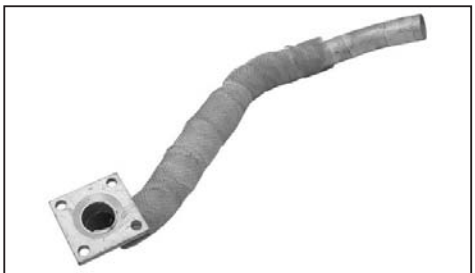

REF 139TA4150



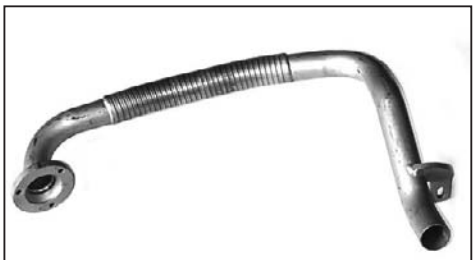
used for: OM PIMESPO

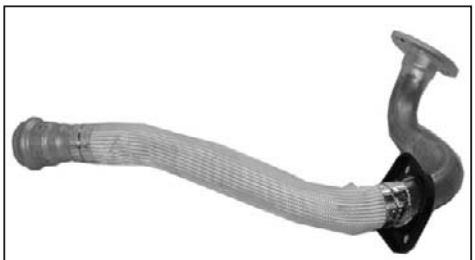
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	42	42	300	60	100		139TA4151
	42	42	550	20	80		139TA4152
	42	43	460	95	115	160	139TA4153
	43	45	610	60	75	310	105TA7234
	43	48	455	60	130		139TA4154
	44	51	740	55	177	170	139TA4155
	44	51	747	50	180	105	139TA4156
	45	45	560	40	100	270	134TA6140
	45	45	570	70	80	260	110TA8607
	45	50	480	50	55	150	134TA5989
	45	50	525	80	80	120	134TA5756
	45	51	890	43	135	430	139TA4157

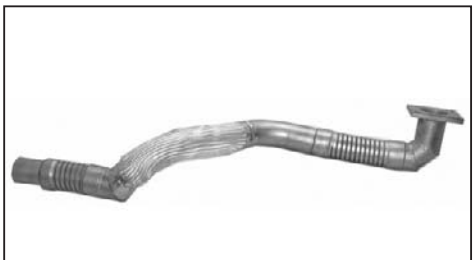
REF 139TA4151

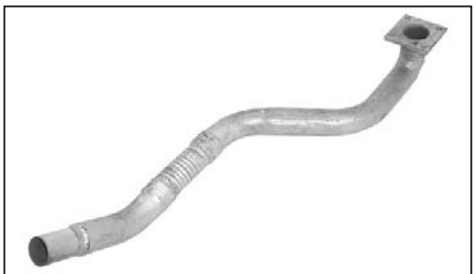

REF 139TA4152

REF 139TA4153


REF 105TA7234


REF 139TA4154


REF 139TA4155

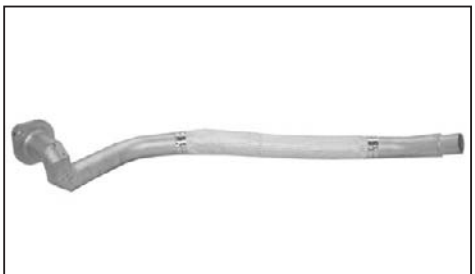

REF 139TA4156

REF 134TA6140

REF 110TA8607

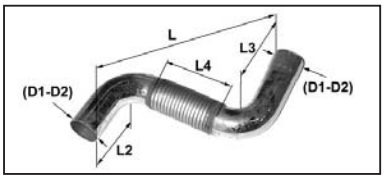
REF 134TA5989

REF 134TA5756

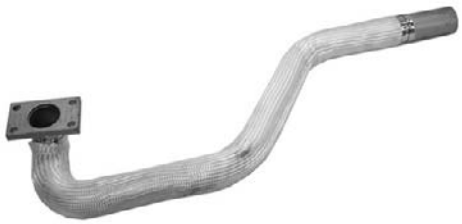

REF 139TA4157

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: OM PIMESPO



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	48	51	720	35	276		139TA4158
	49	50	630	80	120	325	118TA1673
	50	50	700	40	40	380	118TA1587
	50	50	1010	30	200	240	139TA4159
	50	51	540	55	65	230	105TA7336
	51	51	920	70	170	150	139TA4160
	51	53	870	85	95	130	139TA4161
	56	57	695	28	95		139TA4162
5	33	33	515	60	115	155	139TA4163
	33	45	580	70	90	310	105TA7219
	34	34	575	75	120	165	139TA4164
	34	37	620	132	158	170	139TA4165


REF 139TA4158

REF 118TA1673

REF 118TA1587

REF 139TA4159

REF 105TA7336

REF 139TA4160

REF 139TA4161

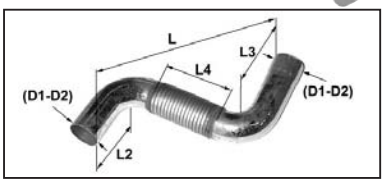
REF 139TA4162

REF 139TA4163

REF 105TA7219

REF 139TA4164

REF 139TA4165



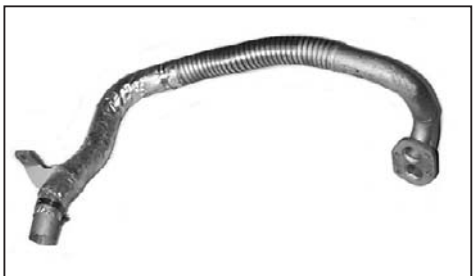
used for: OM PIMESPO

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
5	34	43	540	115	280	115	139TA4166
	34	63	476	25	120	163	139TA4167
	35	40	580	70	85	150	139TA4168
	35	45	785	20	60	340	105TA7217
	37	38	690	80	160		139TA4169
	38	38	135	7	54		139TA4170
	39	42	695	110	270	145	139TA4171
	40	40	705	85	200		139TA4172
	42	42	530	70	190		139TA4173
	43	43	645	20	235		139TA4174
	43	45	810	55	65	350	134TA6284
	44	45	445	45	65	300	134TA6024

REF 139TA4166

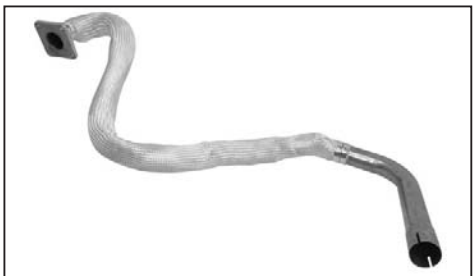
REF 139TA4167

REF 139TA4168


REF 105TA7217

REF 139TA4169

REF 139TA4170


REF 139TA4171

REF 139TA4172

REF 139TA4173

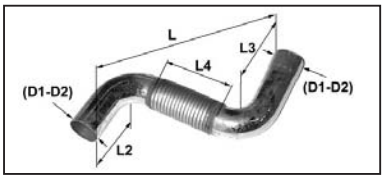
REF 139TA4174

REF 134TA6284

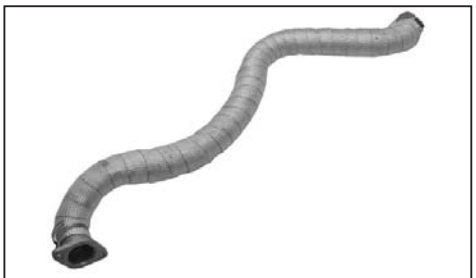
REF 134TA6024

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

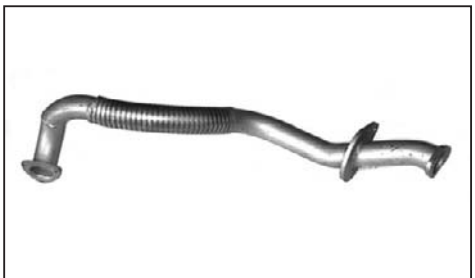
used for: OM PIMESPO



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
5	45	45	780	55	80		139TA4175
	45	45	980	65	155	300	108TA4530
	50	50	660	45	45	305	105TA7339
	50	50	745	40	60	280	105TA7038
	51	51	780	30	220	200	139TA4176
	51	51	960	50	130	325	139TA4177
	55	64	790	35	60	200	139TA4178
6	34	34	630	70	275	105	139TA4179
	34	38	800	90	95	155	139TA4180
	43	43	470	53	55	180	139TA4181
	50	50	550	50	100	300	134TA6232
	50	50	660	45	65	270	105TA7186

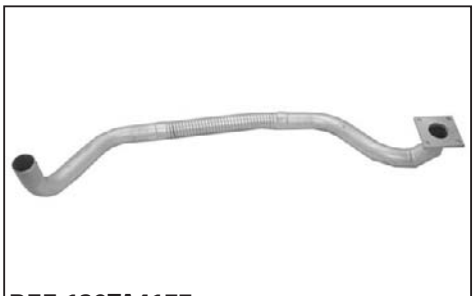

REF 139TA4175

REF 108TA4530


REF 105TA7339

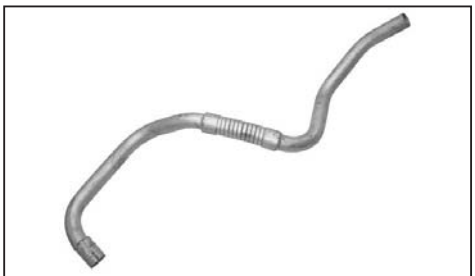
REF 105TA7038

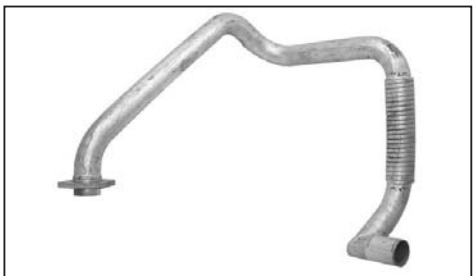
REF 139TA4176


REF 139TA4177

REF 139TA4178

REF 139TA4179

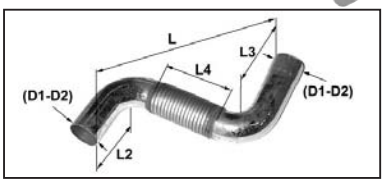

REF 139TA4180


REF 139TA4181

REF 134TA6232

REF 105TA7186

used for: OM PIMESPO

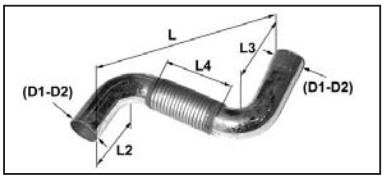


Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
6	50	50	830	60	60	360	105TA7201

REF 105TA7201

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: OMG



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	42	45	640	405	505	135	139TA4182
3	42	47	587	80	420	150	139TA4183
4	40	42	750	45	120	140	134TA5914
	41	42	410	35	75	135	134TA5918
	42	42	720	40	165	140	134TA5814
	42	57	730	125	130	170	134TA5659
	48	54	613	30	100	145	139TA4184
5	41	42	590	70	120	135	134TA5906
	42	42	550	50	125	130	134TA5910
	42	57	625	50	390	140	139TA4185

REF 139TA4182

REF 139TA4183

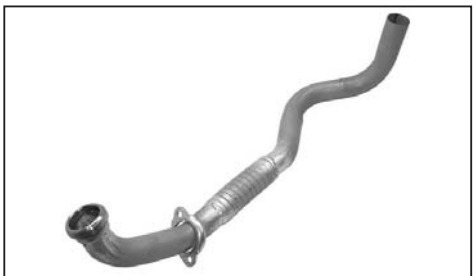
REF 134TA5914

REF 134TA5918

REF 134TA5814

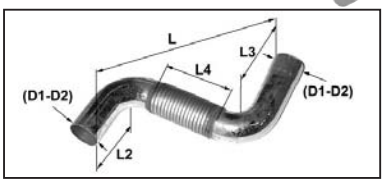
REF 134TA5659

REF 139TA4184


REF 134TA5906

REF 134TA5910

REF 139TA4185



used for: PATRIA

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	42	42	290	50	50		124TA2861
	42	42	300	52	60		124TA2862
3	41	41	530	85	115		139TA4186

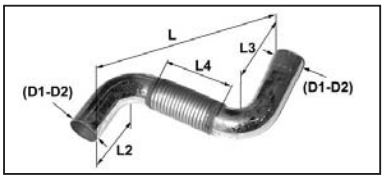
REF 124TA2861

REF 124TA2862

REF 139TA4186

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: SALEV



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	42	45	370	120	280	140	134TA6277
	43	48	340	70	170	95	134TA6321
	50	50	960	40	75	830	134TA5818
3	42	46	310	30	120	130	134TA6267
5	33	33	515	60	115	155	134TA5538
6	43	43	470	53	55	180	134TA5994

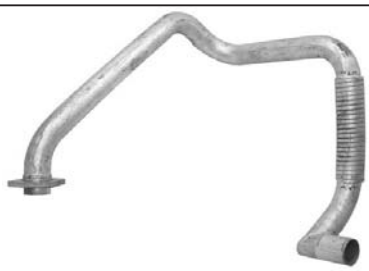
REF 134TA6277

REF 134TA6321

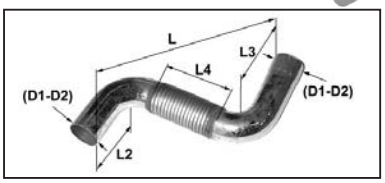
REF 134TA5818

REF 134TA6267

REF 134TA5538


REF 134TA5994

used for: SAMBRON



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	61	63	420	35			134TA6301
2	63	64	305	90	150		134TA6165
3	63	65	360	30	100		139TA4187

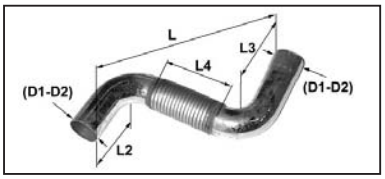
REF 134TA6301

REF 134TA6165

REF 139TA4187

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

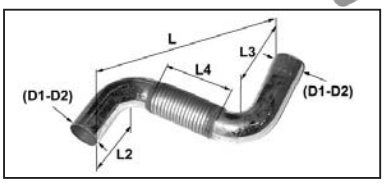
used for: SANDERSON



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	47	55	260	95	145		139TA4188

REF 139TA4188

used for: SMV KONECRANES

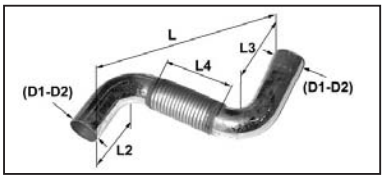


Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	29	29	380	80	170		106TA7377

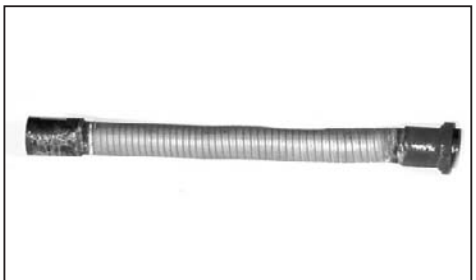
REF 106TA7377

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

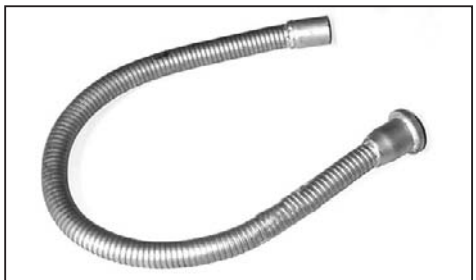
used for: STILL



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	38	38	415			300	105TA7315
	38	45	420			285	105TA7195
	38	45	1030			905	105TA7225
	38	49	317			180	134TA5640
	51	53	200			110	139TA4189
	54	54	210			115	139TA4190
	54	59	240			105	139TA4191
	75	86	460				139TA4192
1	38	56	345	75	265	145	105TA7107
	40	41	1970	55	1925	1000	134TA5645
	40	46	1630	35	730	710	108TA4447
	40	46	1710	53	1680	825	118TA1629

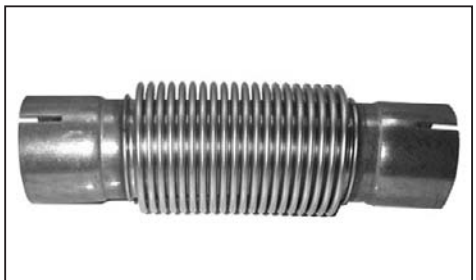

REF 105TA7315

REF 105TA7195


REF 105TA7225

REF 134TA5640

REF 139TA4189

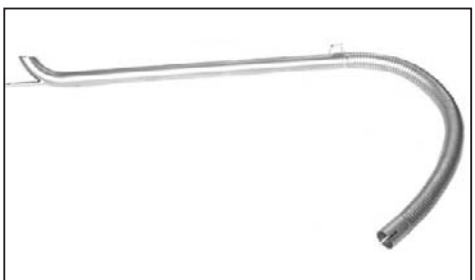

REF 139TA4190

REF 139TA4191

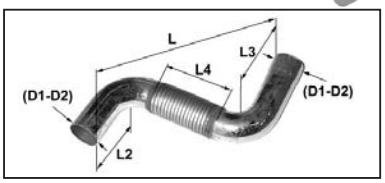
REF 139TA4192

REF 105TA7107

REF 134TA5645


REF 108TA4447

REF 118TA1629

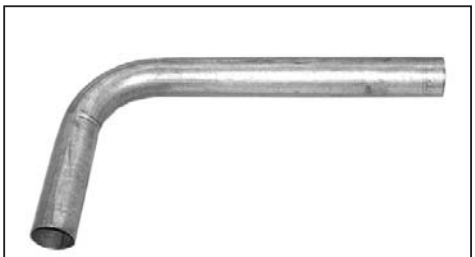


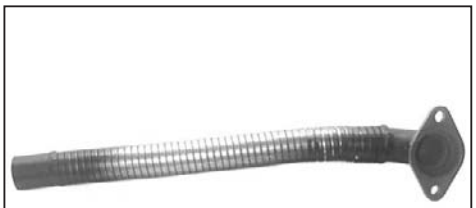
used for: STILL

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	42	42	85	25	80		105TA7307
	42	42	235	70	180		139TA4193
	42	42	395	170	330		139TA4194
	42	42	472	460	40	410	106TA7380
	42	45	290	120	195		139TA4195
	42	46	315	205	215	105	139TA4196
	42	46	475	105	445		139TA4197
	48	50	215	80	175		123TA6713
	50	50	645	135	600	160	134TA5873
	50	54	115	60	68		110TA9618
	50	66	410	125	290	178	139TA4198
	51	51	155	175	200		118TA1600

REF 105TA7307

REF 139TA4193


REF 139TA4194


REF 106TA7380

REF 139TA4195

REF 139TA4196

REF 139TA4197

REF 123TA6713

REF 134TA5873

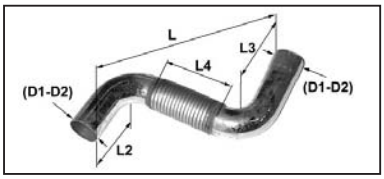
REF 110TA9618

REF 139TA4198

REF 118TA1600

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: STILL



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	51	54	650	290	500	280	118TA1504
	53	66	425	20	405	255	139TA4199
	55	55	205	95	130		105TA7359
	55	60	520	110	420		139TA4200
	56	59	610	145	480		139TA4201
	58	63	1640	60		125	139TA4202
	58	64	1400	60	1360	145	139TA4203
	60	60	215	140	110		139TA4204
	60	60	245	115	145		139TA4205
	60	64	1515	45	1475	100	139TA4206
	60	67	340	40	315	230	139TA4207
	61	61	105	45	55		139TA4208

REF 118TA1504

REF 139TA4199

REF 105TA7359

REF 139TA4200

REF 139TA4201

REF 139TA4202

REF 139TA4203

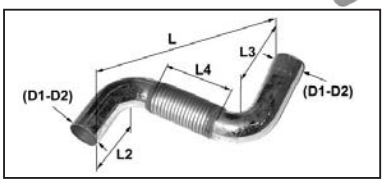
REF 139TA4204

REF 139TA4205

REF 139TA4206

REF 139TA4207

REF 139TA4208



used for: STILL

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	69	76	1265	80	1240		139TA4209
	70	70	190	75	115		139TA4210
2	37	37	557	165	190		139TA4211
	40	42	225	90	110		134TA6272
	40	60	1355	110	430		139TA4212
	41	58	1230	40	250		139TA4213
	42	42	1510	70	260		139TA4214
	42	45	355	35	240	165	124TA1045
	42	45	1440	80	110	840	134TA5558
	42	54	315	65	90	145	139TA4215
	42	55	310	75	80	145	139TA4216
	48	50	320	35	150	85	134TA6058

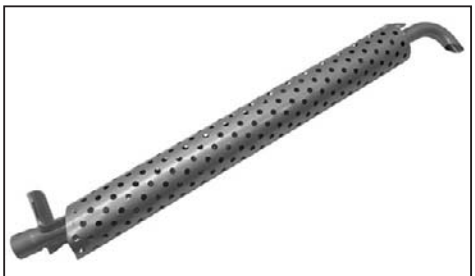
REF 139TA4209

REF 139TA4210

REF 139TA4211

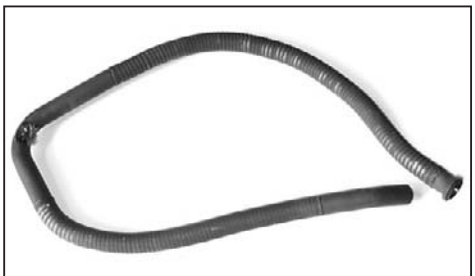
REF 134TA6272

REF 139TA4212


REF 139TA4213

REF 139TA4214

REF 124TA1045


REF 134TA5558

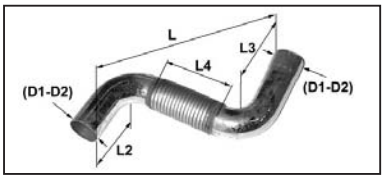
REF 139TA4215

REF 139TA4216

REF 134TA6058

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: STILL



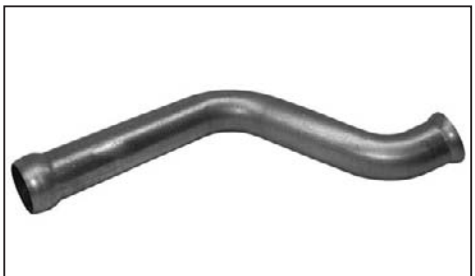
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	48	51	265	62	130	80	134TA6059
	50	50	230	55	120		139TA4217
	50	51	500	100	410	130	108TA4438
	50	55	370	95	180	110	139TA4218
	51	51	428	75	240		139TA4219
	51	54	500	90	115	150	139TA4220
	53	55	480	50	200	255	139TA4221
	54	60	1340	90	440		139TA4222
	55	60	360	75	215		139TA4223
	55	60	430	50	110	150	139TA4224
	59	61	227	78	125		108TA8883
	60	60	450	170	180		139TA4225

REF 134TA6059

REF 139TA4217

REF 108TA4438

REF 139TA4218


REF 139TA4219

REF 139TA4220

REF 139TA4221

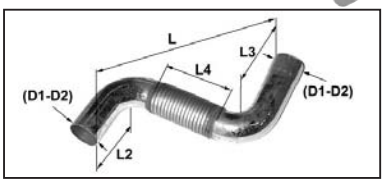
REF 139TA4222

REF 139TA4223

REF 139TA4224

REF 108TA8883

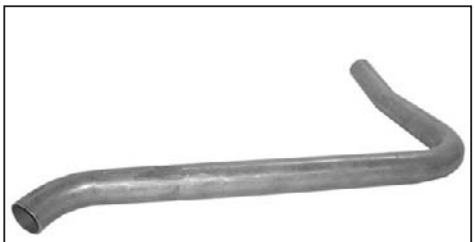
REF 139TA4225



used for: STILL

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	60	60	460	160	210		139TA4226
3	42	42	695	52	120		139TA4227
	42	46	1617	70	85		139TA4228
	42	47	1600	90	110		139TA4229
	49	55	435	70	70	150	139TA4230
	50	57	580	45	80		139TA4231
	50	59	440	45	230	70	139TA4232
	51	59	450	45	230	75	139TA4233
	54	60	1415	65	230		139TA4234
	55	55	445	115	140		139TA4235
	55	55	562	30	115		139TA4236
	55	55	695	94	340		139TA4237

REF 139TA4226


REF 139TA4227

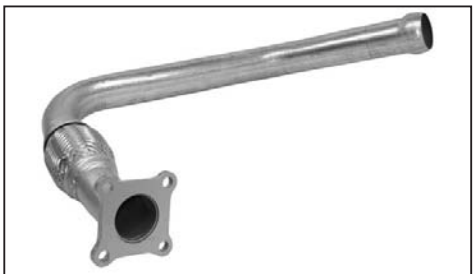
REF 139TA4228

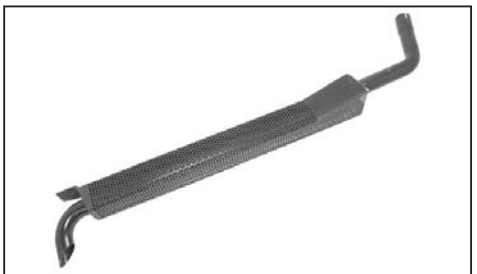
REF 139TA4229

REF 139TA4230

REF 139TA4231

REF 139TA4232


REF 139TA4233


REF 139TA4234

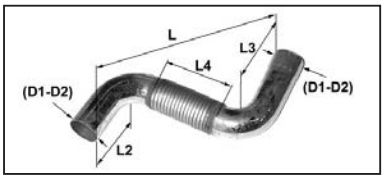
REF 139TA4235

REF 139TA4236

REF 139TA4237

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: STILL



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	60	60	500	70	75		139TA4238
4	39	42	705	65	145		139TA4239
	45	45	570	70	80	260	123TA6717
	49	59	365	65	225	80	139TA4240
	49	60	670	50	75		139TA4241
	55	55	720	160	260		139TA4242
	55	55	780	220	260		139TA4243
5	69	71	1265	80	100		139TA4244

REF 139TA4238

REF 139TA4239

REF 123TA6717

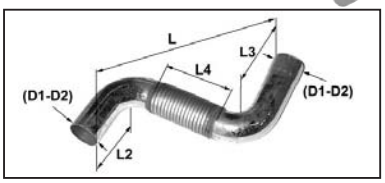
REF 139TA4240

REF 139TA4241

REF 139TA4242

REF 139TA4243

REF 139TA4244



used for: SVE TRUCK

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	76	79	1160	40	1125		134TA5591
	96	101	1120	45	1065		139TA4245
	100	105	345	120	280		134TA6293
	102	106	930	50	880		139TA4246
2	62	89	295	40	80		134TA6295
	91	101	600	35	320		134TA6215

REF 134TA5591

REF 139TA4245

REF 134TA6293

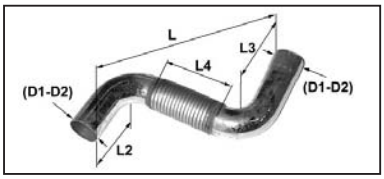
REF 139TA4246

REF 134TA6295

REF 134TA6215

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: TAILIFT



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	45	49	190				139TA4247
1	42	45	640	405	505	135	139TA4248
3	42	42	395	75	150	135	134TA6302
	42	47	587	80	420	150	139TA4249
4	40	42	750	45	120	140	134TA5912
	41	42	410	35	75	135	134TA5916
	42	42	455	45	355	270	139TA4250
	42	42	720	40	165	140	134TA5812
	42	57	730	125	130	170	118TA1568
	48	54	613	30	100	145	139TA4251
5	41	42	590	70	120	135	134TA5904
	42	42	550	50	125	130	134TA5908

REF 139TA4247

REF 139TA4248

REF 134TA6302

REF 139TA4249

REF 134TA5912

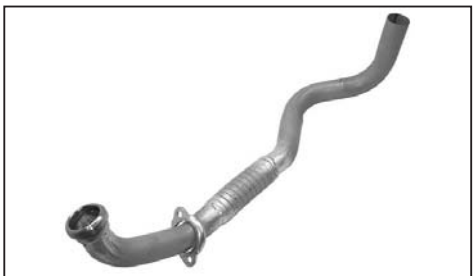
REF 134TA5916

REF 139TA4250

REF 134TA5812

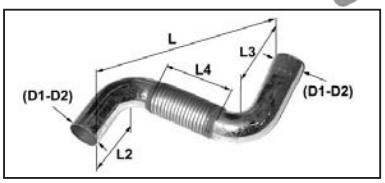
REF 118TA1568

REF 139TA4251


REF 134TA5904

REF 134TA5908

used for: TAILIFT

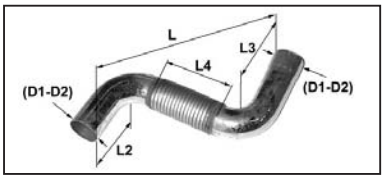


Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
5	42	57	625	50	390	140	139TA4252

REF 139TA4252

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: TCM



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	34	39	245				134TA6126
	35	38	179				108TA4458
	35	38	280				105TA7439
	38	49	305			210	134TA5806
	40	45	250				134TA6022
	43	46	340				124TA7249
1	35	38	165	80	95		105TA7352
	35	38	215	80	140		105TA7363
	35	39	150	50	100		139TA4253
	38	40	295	150	190		134TA5853
	38	41	290	170	195		105TA7440
	38	41	290	175	183		134TA5711

REF 134TA6126

REF 108TA4458

REF 105TA7439

REF 134TA5806

REF 134TA6022

REF 124TA7249

REF 105TA7352

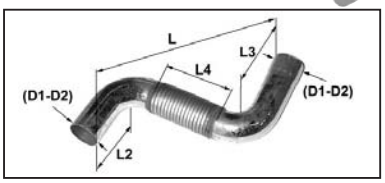
REF 105TA7363

REF 139TA4253

REF 134TA5853

REF 105TA7440

REF 134TA5711



used for: TCM

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	38	41	370	190	270		105TA6970
	38	42	310	110	285		139TA4254
	51	54	135	60	85		139TA4255
	54	57	245	83	185		105TA7417
	54	57	380	160	310		124TA1066
	54	57	942	450	500		134TA5948
	57	57	420	170	325		118TA1525
	57	61	205	90	130		105TA6913
	57	61	510	100	500		134TA6328
	57	61	1260	50	1210		124TA1067
	57	62	335	125	310		105TA7284
2	32	45	124	40	45		110TA9624

REF 105TA6970

REF 139TA4254

REF 139TA4255

REF 105TA7417

REF 124TA1066

REF 134TA5948

REF 118TA1525

REF 105TA6913

REF 134TA6328

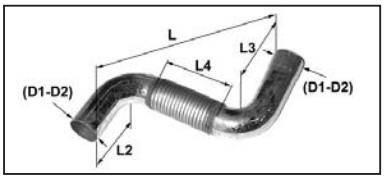
REF 124TA1067

REF 105TA7284

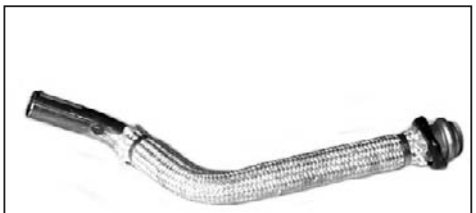
REF 110TA9624

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: TCM

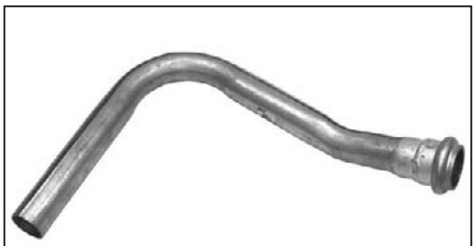


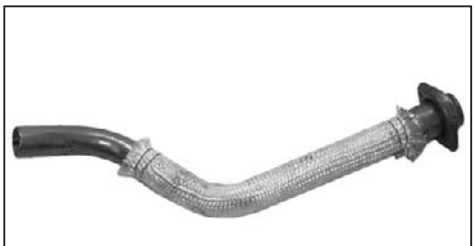
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	37	42	545	110	320		105TA6961
	38	38	270	45	135		134TA5807
	38	42	265	85	130		105TA6940
	38	42	405	130	245		124TA1064
	38	47	540	105	315		134TA5687
	38	47	545	105	335		139TA4256
	40	43	200	40	95		106TA5018
	40	45	535	85	130		134TA6034
	41	45	330	125	155		139TA4257
	42	42	540	100	290		108TA4503
	43	43	220	80	140		105TA7350
	43	43	275	75	105		139TA4258

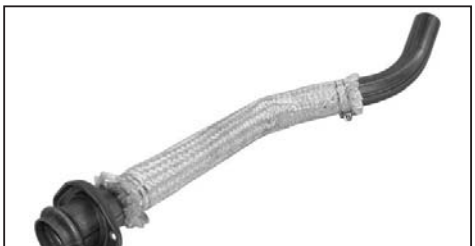

REF 105TA6961

REF 134TA5807

REF 105TA6940


REF 124TA1064

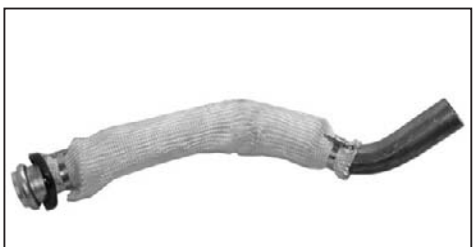

REF 134TA5687


REF 139TA4256

REF 106TA5018

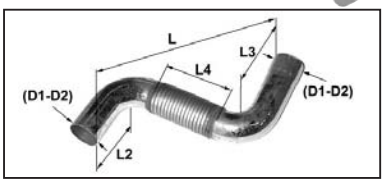
REF 134TA6034

REF 139TA4257


REF 108TA4503

REF 105TA7350

REF 139TA4258



used for: TCM

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	43	44	260	70	300	195	134TA6313
	45	45	265	75	75		139TA4259
	47	57	535	120	145		118TA1667
	49	49	470	125	235	130	134TA6066
	53	70	490	170	190		106TA5032
	54	56	765	170	255		134TA5809
	54	57	815	155	360		106TA5028
	54	70	475	155	165		111TA3677
	54	82	595	110	275		124TA7625
	57	57	290	80	120		123TA6720
	57	57	560	65	370		134TA6269
	57	61	430	130	240		105TA7295

REF 134TA6313

REF 139TA4259

REF 118TA1667

REF 134TA6066

REF 106TA5032

REF 134TA5809

REF 106TA5028

REF 111TA3677

REF 124TA7625

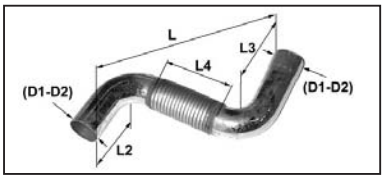
REF 123TA6720

REF 134TA6269

REF 105TA7295

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: TCM

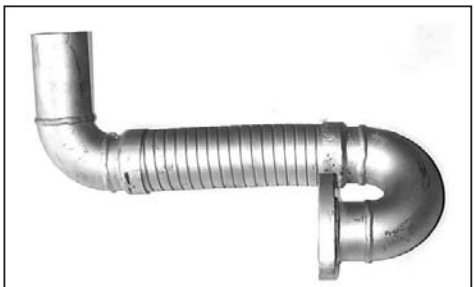


Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	57	61	480	154	320		118TA1526
	57	70	475	190	230		139TA4260
	58	60	220	50	105		134TA6320
	61	61	320	80	105	180	105TA6950
	61	61	490	50	150		105TA6906
	61	64	790	170	610		124TA4495
3	38	38	590	140	300		134TA5929
	38	42	465	125	125		124TA5145
	38	42	545	60	240		105TA7093
	42	42	555	140	320		105TA6959
	42	42	692	85	115		106TA6245
	42	43	655	50	130		105TA7422

REF 118TA1526

REF 139TA4260

REF 134TA6320


REF 105TA6950

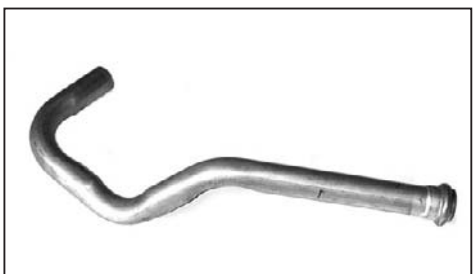
REF 105TA6906

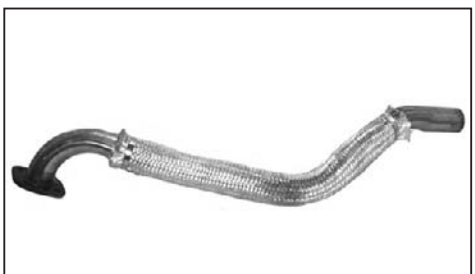
REF 124TA4495

REF 134TA5929

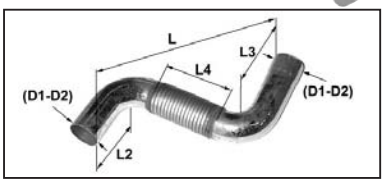
REF 124TA5145

REF 105TA7093


REF 105TA6959

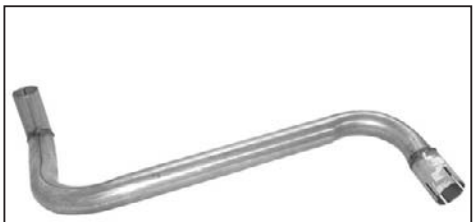

REF 106TA6245

REF 105TA7422



used for: TCM

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	42	46	650	65	150		108TA4523
	42	47	530	110	120		106TA5029
	43	43	285	70	80		134TA5893
	43	43	325	45	80		105TA7346
	43	43	336	85	145		110TA8609
	43	46	560	95	185		105TA7109
	43	47	580	100	125		134TA6168
	44	44	410	30	45	255	134TA6112
	50	53	760	90	200	195	139TA4261
	51	51	640	135	155	125	134TA5976
	53	53	910	70	125	150	123TA6721
	54	70	880	120	195	150	134TA6149


REF 108TA4523

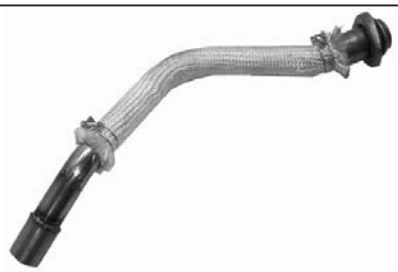
REF 106TA5029

REF 134TA5893

REF 105TA7346

REF 110TA8609

REF 105TA7109


REF 134TA6168

REF 134TA6112

REF 139TA4261

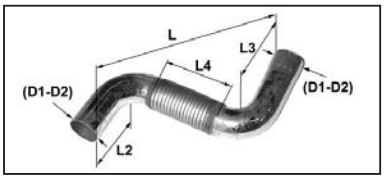
REF 134TA5976

REF 123TA6721

REF 134TA6149

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: TCM



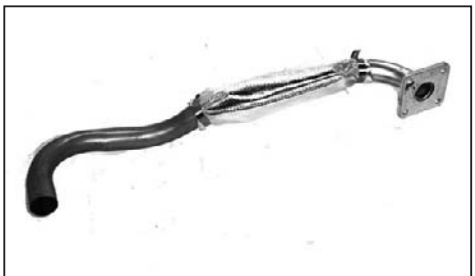
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	60	60	1040	90	265		134TA5708
	61	61	640	190	200	115	134TA6290
	76	76	1520	50	185		134TA6268
4	32	32	440	50	195		123TA6722
	37	38	587	40	108		110TA8601
	37	38	673	90	110		108TA4374
	38	38	743	80	155	160	139TA4262
	38	43	500	70	235		105TA7446
	41	46	555	175	220		139TA4263
	42	42	325	85	220		105TA6910
	42	42	490	85	125		110TA8602
	42	42	670	55	130		105TA7254

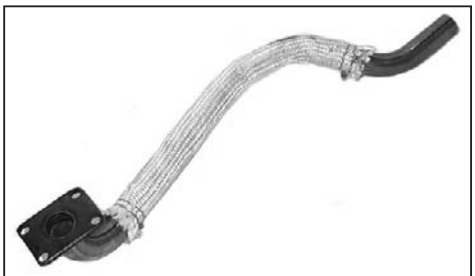
REF 134TA5708

REF 134TA6290

REF 134TA6268

REF 123TA6722


REF 110TA8601


REF 108TA4374

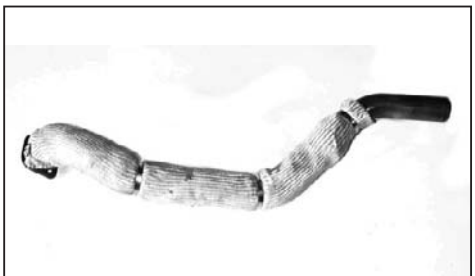
REF 139TA4262

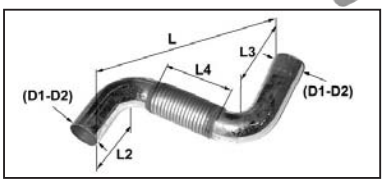
REF 105TA7446

REF 139TA4263

REF 105TA6910

REF 110TA8602


REF 105TA7254



used for: TCM

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	42	43	330	80	200		108TA4468
	42	43	355	105	205		118TA1617
	42	43	555	145	185		105TA7436
	42	43	570	140	200		105TA7253
	42	45	630	85	100		134TA6336
	43	49	800	88	105		123TA6723
	60	80	1455	115	360		134TA5820
5	38	38	545	85	105		105TA7040
	38	38	570	65	165		105TA6904
	38	38	770	55	142	185	134TA6363
	38	38	860	70	115		106TA5020
	38	42	610	70	90		105TA7330

REF 108TA4468

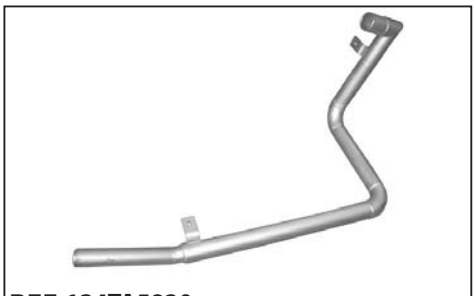
REF 118TA1617

REF 105TA7436

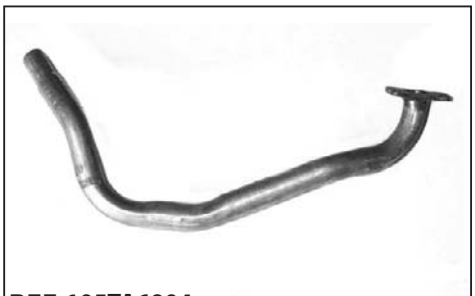
REF 105TA7253

REF 134TA6336

REF 123TA6723

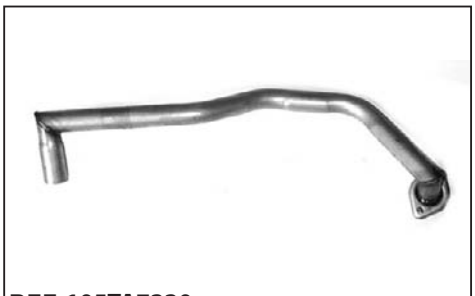

REF 134TA5820

REF 105TA7040


REF 105TA6904

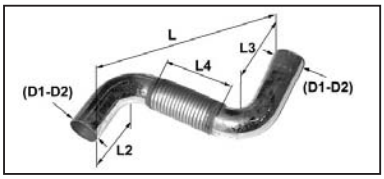
REF 134TA6363

REF 106TA5020


REF 105TA7330

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

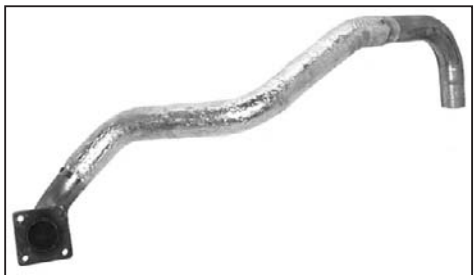
used for: TCM



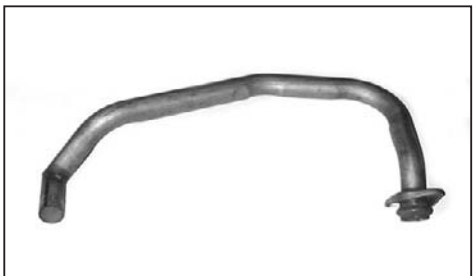
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
5	42	42	270	80	115		108TA4522
	42	42	645	50	80		105TA7263
	42	44	730	50	115		106TA5027
	43	43	710	55	150		105TA7183
	70	75	515	38	38		105TA7326
6	42	42	675	60	140		105TA7154
7	38	42	690	80	140		105TA7155

REF 108TA4522

REF 105TA7263

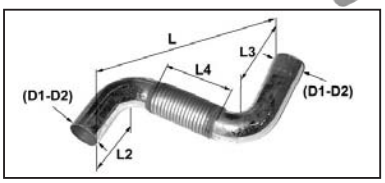

REF 106TA5027

REF 105TA7183


REF 105TA7326

REF 105TA7154

REF 105TA7155



used for: TENNANT

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	51	54	43				139TA4264
1	38	42	320	147	254		134TA5691
	40	42	857	48	80		139TA4265
	41	45	210	115	140		139TA4266
2	29	31	520	35	315		139TA4267
	41	45	465	80	85	160	134TA5740
	42	45	370	80	95		105TA6969
3	41	46	503	75	95		134TA5627
4	41	46	710	85	175		139TA4268

REF 139TA4264

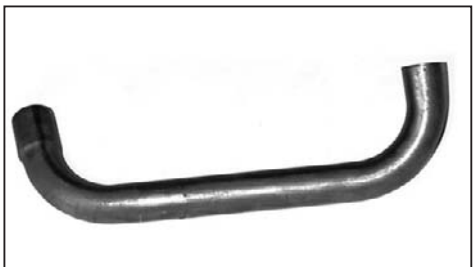
REF 134TA5691

REF 139TA4265

REF 139TA4266

REF 139TA4267

REF 134TA5740

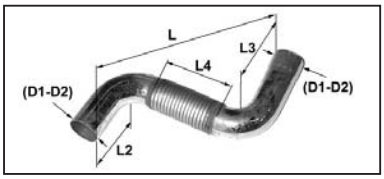

REF 105TA6969

REF 134TA5627

REF 139TA4268

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: TEREX

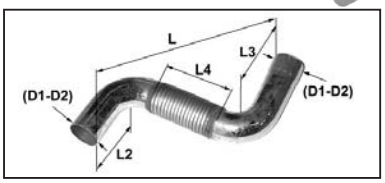


Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	69	74	705	20	690	535	134TA5888
	70	84	185	110	115		139TA4269
2	76	82	1360	115	260		139TA4270

REF 134TA5888

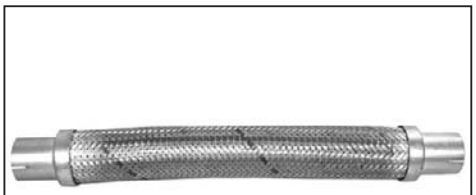
REF 139TA4269

REF 139TA4270



used for: TOYOTA

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	46	47	495			365	110TA8597
	47	47	60				108TA8271
1	36	42	70	46	46		134TA6128
	38	38	100	38	90		123TA6724
	38	42	327	110	302		108TA8279
	38	43	405	70	400	330	105TA7258
	39	43	245	70	245	180	134TA5936
	42	65	614	55	594		108TA4531
	43	43	265	105	202		108TA8272
	43	43	270	130	235	170	105TA7420
	43	43	345	200	235		105TA7187
	47	47	317	117	210		123TA6725


REF 110TA8597

REF 108TA8271

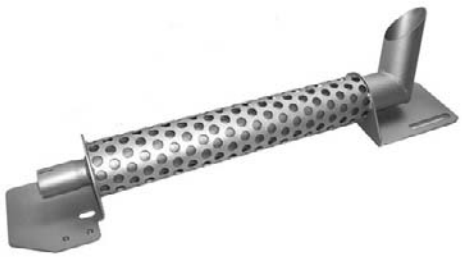
REF 134TA6128

REF 123TA6724

REF 108TA8279

REF 105TA7258

REF 134TA5936


REF 108TA4531

REF 108TA8272

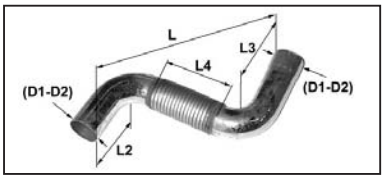
REF 105TA7420

REF 105TA7187

REF 123TA6725

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: TOYOTA



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	48	57	265	115	160		124TA1079
	49	49	260	90	220		134TA5778
	49	57	280	100	205		139TA4271
	54	54	420	137	290	175	118TA1623
	57	65	220	80	190		134TA6121
	60	60	210	105	105		123TA6726
	65	65	160	80	125		118TA1670
	65	65	245	15	195		123TA6727
	77	77	180	36	130		124TA2090
2	38	38	335	100	195		139TA4272
	38	41	265	85	155		105TA7398
	38	41	495	105	230		134TA6150

REF 124TA1079

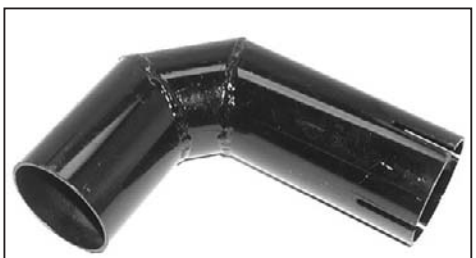
REF 134TA5778

REF 139TA4271

REF 118TA1623

REF 134TA6121

REF 123TA6726


REF 118TA1670

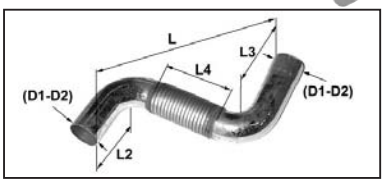
REF 123TA6727

REF 124TA2090

REF 139TA4272

REF 105TA7398

REF 134TA6150



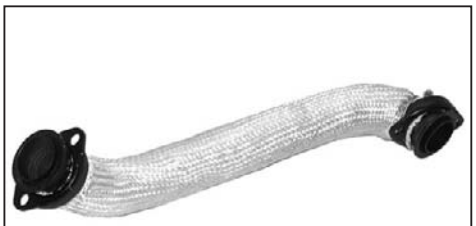
used for: TOYOTA

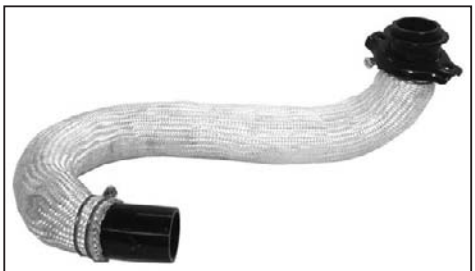
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	38	43	215	50	55	120	105TA7306
	38	43	350	95	100		139TA4273
	39	42	380	65	255	155	134TA5827
	40	43	375	55	90		123TA6728
	42	42	252	80	130		108TA4552
	42	42	625	165	260	180	139TA4274
	42	43	422	110	270		108TA4441
	42	48	378	125	125		108TA4548
	42	49	320	80	125		134TA6199
	42	49	365	90	210		134TA6198
	42	66	910	50	120		108TA8273
	43	43	220	50	65		105TA7112

REF 105TA7306

REF 139TA4273

REF 134TA5827


REF 123TA6728


REF 108TA4552

REF 139TA4274

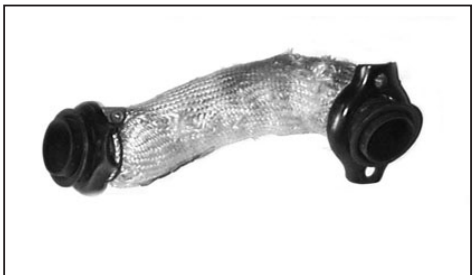
REF 108TA4441

REF 108TA4548

REF 134TA6199

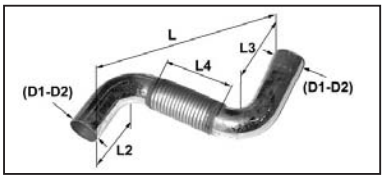
REF 134TA6198

REF 108TA8273


REF 105TA7112

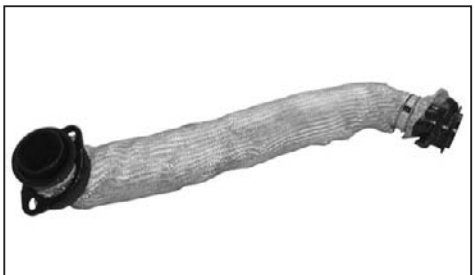
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

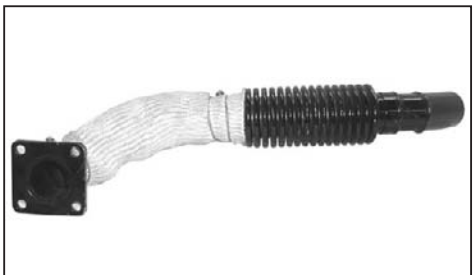
used for: TOYOTA



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	43	43	297	40	90	160	124TA2088
	43	43	420	45	80		124TA2084
	43	44	460	53	120	195	108TA4549
	43	47	404	115	125		108TA4547
	45	45	370	10	110	150	134TA6092
	47	49	280	70	110		134TA6240
	47	52	236	65	95		108TA4465
	48	54	575	185	370	100	105TA7277
	48	55	385	185	190	105	105TA7378
	48	55	585	155	380	115	108TA4467
	48	57	453	165	245		124TA2081
	49	54	400	210	265		105TA7421

REF 124TA2088


REF 124TA2084


REF 108TA4549

REF 108TA4547

REF 134TA6092

REF 134TA6240

REF 108TA4465

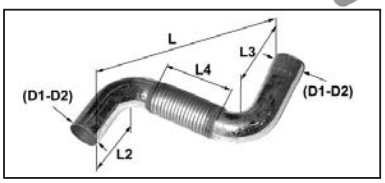
REF 105TA7277

REF 105TA7378

REF 108TA4467

REF 124TA2081

REF 105TA7421



used for: TOYOTA

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	51	51	325	165	240		105TA7399
	51	52	765	125	280		105TA7166
	51	54	602	190	210		106TA5024
	51	58	210	32	180		124TA2089
	51	58	306	32	282		124TA2083
	54	54	300	65	330		134TA6124
	55	60	495	100	130		118TA1685
	55	65	545	130	200		134TA5829
	58	58	808	60	636		124TA2086
	60	60	730	140	180		123TA6729
	62	66	895	100	155		105TA7334
	63	65	585	110	515	350	134TA6365

REF 105TA7399

REF 105TA7166

REF 106TA5024

REF 124TA2089

REF 124TA2083

REF 134TA6124

REF 118TA1685

REF 134TA5829

REF 124TA2086

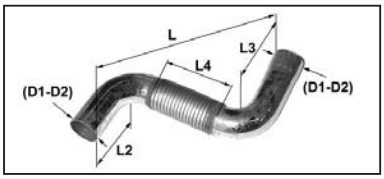
REF 123TA6729

REF 105TA7334

REF 134TA6365

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: TOYOTA



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	63	65	660	80	475	330	105TA7275
	65	65	680	150	400		105TA7274
	65	88	570	55	170		134TA6315
	66	77	495	125	255		124TA2091
3	38	39	427	30	75		118TA1506
	38	40	540	85	290		105TA7296
	38	43	375	60	285	215	105TA7372
	38	43	455	65	135		105TA7304
	38	43	470	60	135		105TA7380
	38	43	535	85	190		123TA6730
	38	43	680	60	145	155	105TA7095
	38	44	427	46	110		124TA2085

REF 105TA7275

REF 105TA7274

REF 134TA6315

REF 124TA2091

REF 118TA1506

REF 105TA7296

REF 105TA7372

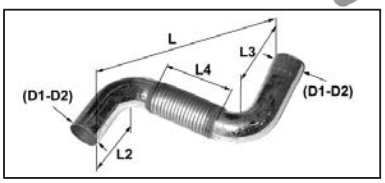
REF 105TA7304

REF 105TA7380

REF 123TA6730

REF 105TA7095

REF 124TA2085



used for: TOYOTA

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	38	49	380	105	120		123TA6731
	38	49	405	75	95		139TA4275
	38	75	1035	20	100		139TA4276
	39	43	620	115	270	170	124TA5150
	41	42	410	185	240		134TA6068
	41	51	1440	30	465		134TA6046
	42	42	430	120	140		139TA4277
	42	42	750	75	120	150	139TA4278
	42	43	395	40	125		110TA9718
	42	43	590	85	197		111TA3685
	42	43	635	75	200		105TA7001
	42	49	405	80	90		139TA4279

REF 123TA6731

REF 139TA4275

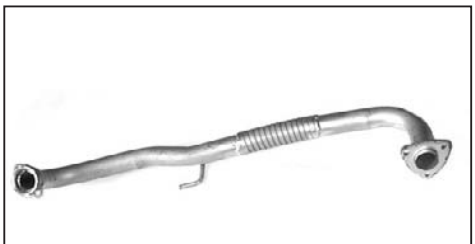
REF 139TA4276

REF 124TA5150

REF 134TA6068

REF 134TA6046

REF 139TA4277


REF 139TA4278

REF 110TA9718

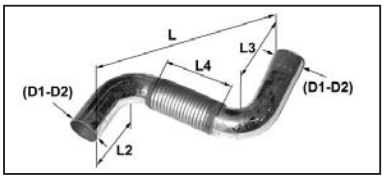
REF 111TA3685

REF 105TA7001

REF 139TA4279

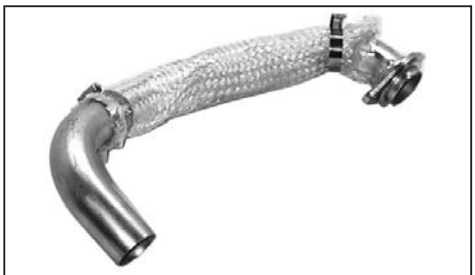
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

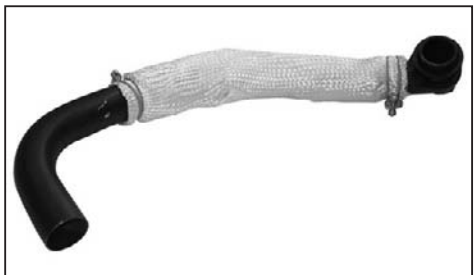
used for: TOYOTA



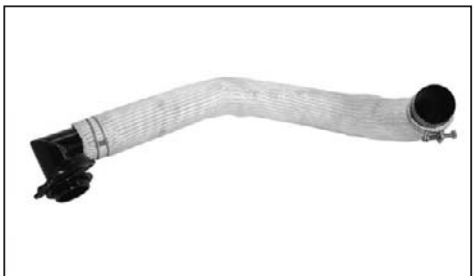
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	42	65	1280	20	395		124TA7248
	43	43	295	60	85		106TA6316
	43	43	418	30	90		124TA1083
	43	43	640	95	205		105TA7148
	43	44	380	30	80		108TA4495
	43	48	385	120	120		123TA6732
	43	49	410	140	140		134TA5795
	43	65	980	55	100		105TA6689
	45	45	500	50	100	150	105TA7081
	47	47	1040	140	325		108TA8276
	47	51	725	100	180		105TA7169
	48	54	555	55	125	280	105TA7087

REF 124TA7248


REF 106TA6316

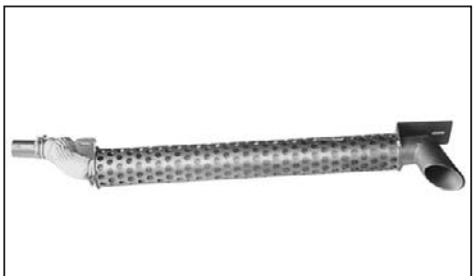

REF 124TA1083

REF 105TA7148

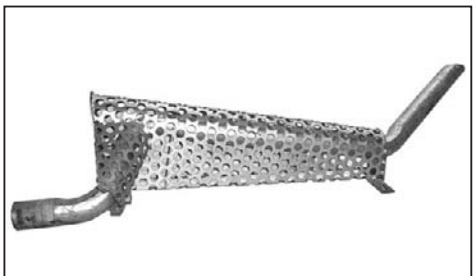

REF 108TA4495

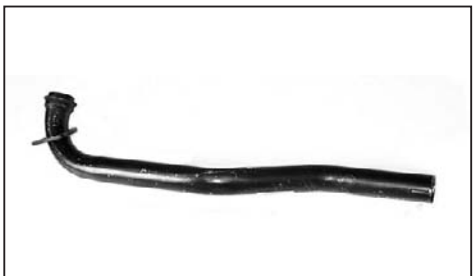
REF 123TA6732

REF 134TA5795

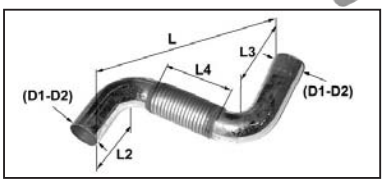

REF 105TA6689

REF 105TA7081


REF 108TA8276


REF 105TA7169

REF 105TA7087



used for: TOYOTA

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	51	54	665	140	140		108TA8277
	60	60	684	300	430		124TA2082
	60	61	820	150	180		105TA7425
	60	65	235	120	180		134TA5946
	64	76	1001	50	130		123TA6733
	65	66	675	93	215		134TA6203
4	37	42	1028	40	175		108TA8274
	37	43	525	60	100		105TA6973
	38	43	670	52	237		108TA4532
	38	49	413	100	100		108TA4493
	38	49	500	105	110		134TA6333
	38	75	1080	30	115		134TA6196

REF 108TA8277

REF 124TA2082

REF 105TA7425

REF 134TA5946

REF 123TA6733

REF 134TA6203

REF 108TA8274

REF 105TA6973

REF 108TA4532

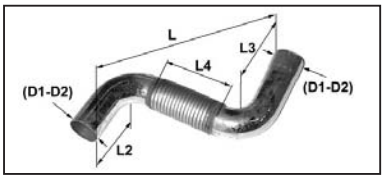
REF 108TA4493

REF 134TA6333

REF 134TA6196

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: TOYOTA



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	38	75	1117	50	162		118TA1645
	39	76	1120	50	155		134TA5792
	39	77	1062	50	160		118TA1653
	40	43	490	40	90		118TA1688
	40	43	495	30	105		105TA6953
	40	43	700	90	145	130	139TA4280
	41	42	500	45	110		105TA7191
	41	42	520	65	90		118TA1549
	41	42	1076	170	360		108TA4389
	41	43	770	65	140	140	105TA6932
	42	42	510	35	220		106TA6312
	42	42	700	55	90	145	124TA2095

REF 118TA1645

REF 134TA5792

REF 118TA1653

REF 118TA1688

REF 105TA6953

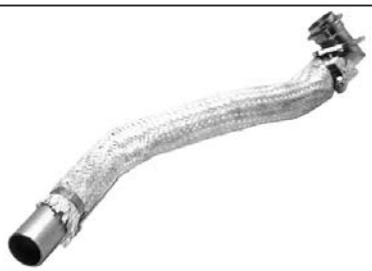
REF 139TA4280

REF 105TA7191

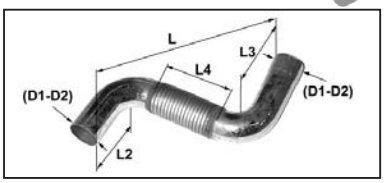
REF 118TA1549

REF 108TA4389

REF 105TA6932


REF 106TA6312

REF 124TA2095



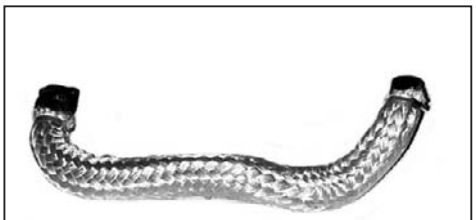
used for: TOYOTA

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	42	43	500	85	85		105TA7115
	42	43	515	60	115		105TA7445
	42	43	515	70	80	135	105TA7111
	42	43	558	60	90		105TA6979
	42	44	504	80	90		108TA4551
	43	43	405	40	105		105TA7182
	43	43	490	225	250		108TA4511
	43	43	500	90	125		105TA7009
	43	43	505	75	110		105TA7117
	43	43	515	60	65	155	139TA4281
	43	43	730	38	90	137	134TA6084
	43	43	738	45	90	170	124TA2087

REF 105TA7115

REF 105TA7445

REF 105TA7111


REF 105TA6979

REF 108TA4551

REF 105TA7182

REF 108TA4511

REF 105TA7009

REF 105TA7117

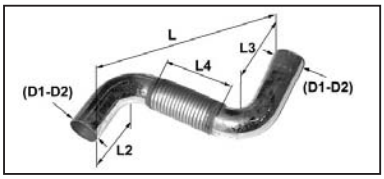
REF 139TA4281

REF 134TA6084

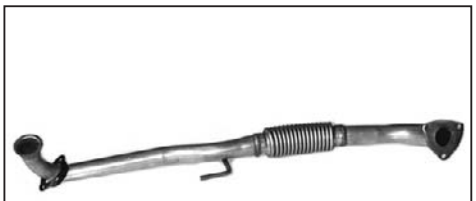
REF 124TA2087

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: TOYOTA



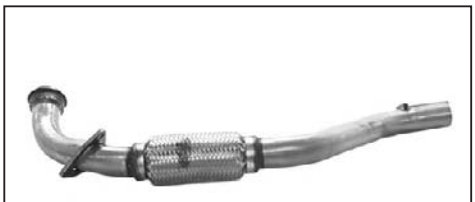
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	43	43	785	75	130	140	105TA7125
	43	49	411	90	100		108TA4406
	43	49	495	100	110		134TA6197
	43	76	950	70	235		124TA2099
	48	54	716	95	115	150	108TA4390
	48	66	625	120	155		105TA7067
	50	52	650	35	35	200	139TA4282
	53	64	656	95	145		108TA4550
	54	60	305	30	70		105TA7289
	60	60	815	80	340		134TA6019
	60	62	700	55	275		105TA6978
	65	65	790	220	365		111TA3680


REF 105TA7125

REF 108TA4406

REF 134TA6197

REF 124TA2099


REF 108TA4390

REF 105TA7067

REF 139TA4282

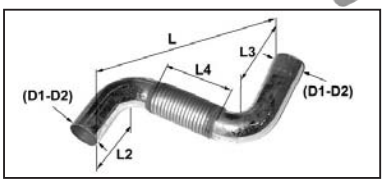
REF 108TA4550

REF 105TA7289

REF 134TA6019

REF 105TA6978

REF 111TA3680



used for: TOYOTA

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
5	38	42	750	67	125	150	134TA5824
	38	42	1120	127	220		118TA1625
	39	42	680	40	90	180	134TA6029
	41	42	750	70	85	165	134TA5721
	41	43	880	70	120	180	124TA5149
	41	43	915	75	115	150	134TA5791
	42	42	690	65	65	155	134TA5980
	42	42	730	95	120	150	105TA6993
	42	42	745	80	115	135	134TA5828
	42	42	884	70	120	150	108TA4400
	42	43	660	45	145	155	134TA6148
	42	43	700	80	120	147	108TA4546

REF 134TA5824

REF 118TA1625

REF 134TA6029

REF 134TA5721

REF 124TA5149

REF 134TA5791

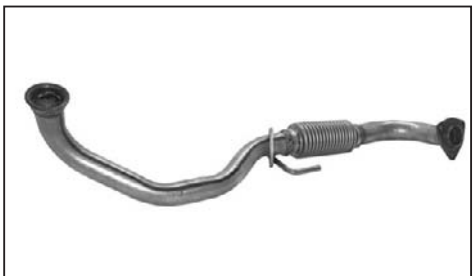
REF 134TA5980

REF 105TA6993

REF 134TA5828

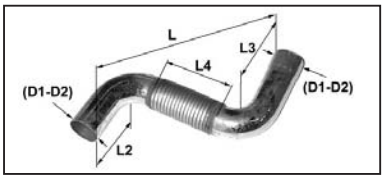
REF 108TA4400

REF 134TA6148


REF 108TA4546

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: TOYOTA

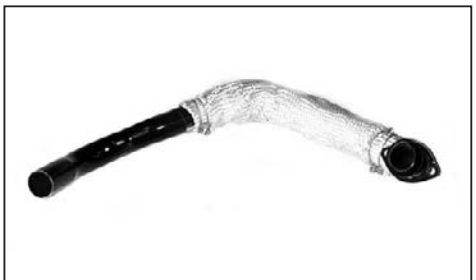


Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
5	43	43	100	60	130	175	134TA5860
	43	43	200	70	110	185	108TA4521
	43	43	490	40	50		134TA6324
	43	43	500	35	130		105TA7180
	43	43	695	45	80	145	124TA2075
	43	43	695	45	90	145	134TA6287
	43	43	730	70	80	135	105TA7432
	43	43	745	90	130	140	134TA5498
	43	43	750	80	80	200	134TA5513
	43	43	780	65	65	140	105TA6935
	43	43	850	75	85	190	108TA4517
	43	43	850	90	125	160	123TA6735

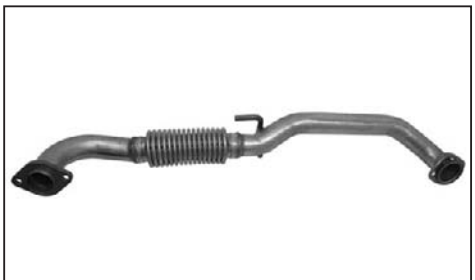
REF 134TA5860

REF 108TA4521

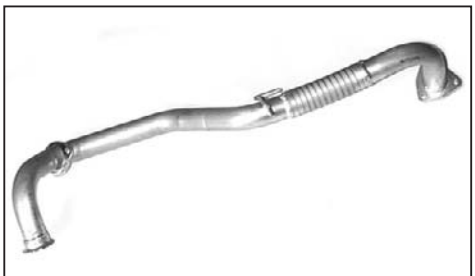
REF 134TA6324

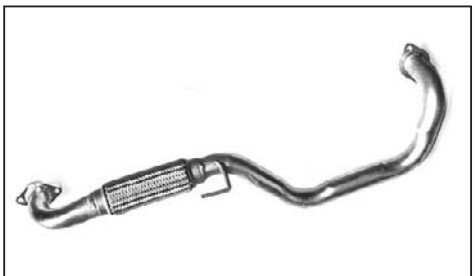

REF 105TA7180

REF 124TA2075


REF 134TA6287

REF 105TA7432

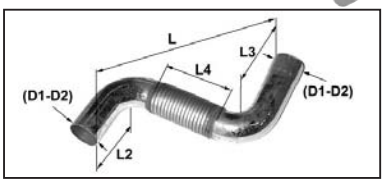

REF 134TA5498


REF 134TA5513

REF 105TA6935

REF 108TA4517

REF 123TA6735

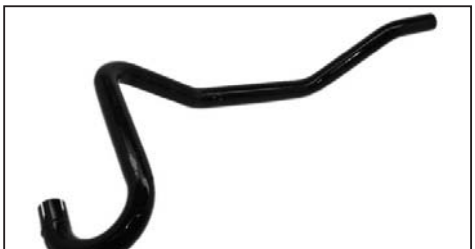


used for: TOYOTA

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
5	43	43	950	90	90	150	123TA6734
	43	43	970	120	130	155	134TA6142
	43	43	1045	90	120		139TA4283
	43	59	745	90	95	190	134TA5725
	43	59	973	90	140	200	118TA1581
	50	50	555	40	50	135	139TA4284
	51	54	645	155	165		105TA7272
	51	54	840	130	150		108TA8275
	58	58	906	65	135	150	108TA4387
6	38	42	700	60	80	150	134TA6368
	38	42	715	70	80	170	118TA1503
	38	42	815	60	70	180	139TA4285

REF 123TA6734

REF 134TA6142


REF 139TA4283

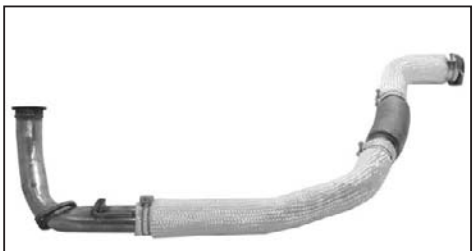
REF 134TA5725

REF 118TA1581

REF 139TA4284

REF 105TA7272

REF 108TA8275


REF 108TA4387

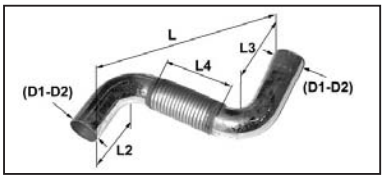
REF 134TA6368

REF 118TA1503

REF 139TA4285

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

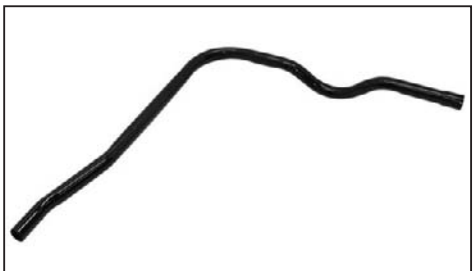
used for: TOYOTA



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
6	38	42	865	70	110	170	139TA4286
	38	42	890	60	65	170	139TA4287
	38	42	1145	100	230		139TA4288
	38	43	880	60	80	155	139TA4289
	39	42	700	60	90	155	139TA4290
	40	42	690	45	85	140	105TA7266
	40	42	690	60	80	165	118TA1687
	40	42	695	60	90	140	105TA6893
	41	42	815	60	95	145	139TA4291
	42	42	630	60	70	155	108TA8278
	42	42	750	70	70	150	108TA4461
	42	42	795	75	80	180	139TA4292

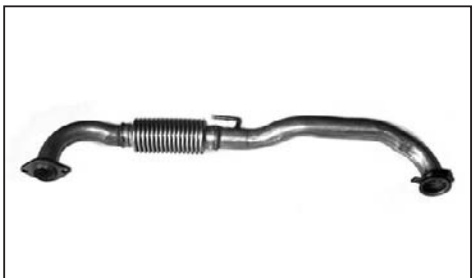
REF 139TA4286

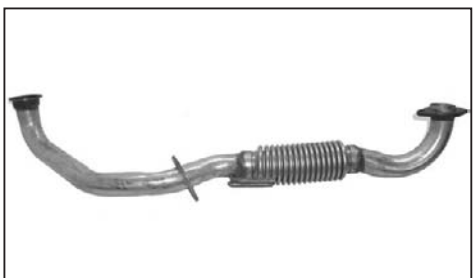
REF 139TA4287


REF 139TA4288

REF 139TA4289

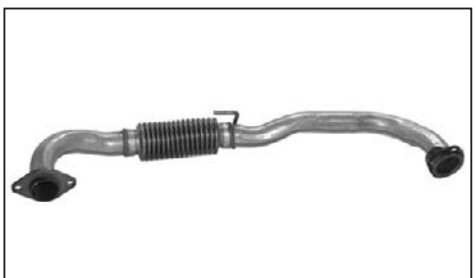
REF 139TA4290


REF 105TA7266


REF 118TA1687

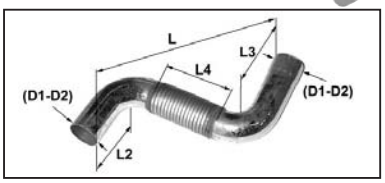
REF 105TA6893

REF 139TA4291


REF 108TA8278

REF 108TA4461

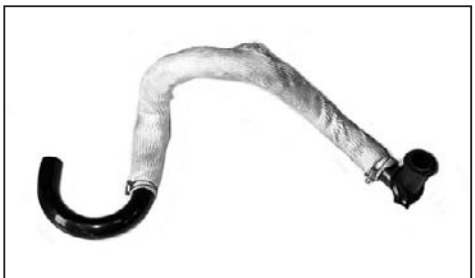
REF 139TA4292



used for: TOYOTA

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
6	42	42	800	80	85	180	139TA4293
	42	43	635	75	130		105TA7341
	43	43	515	25	110		124TA1078
	43	43	600	35	35		134TA6305
	43	43	645	105	170		105TA6966
	43	43	680	40	80	140	139TA4294
	43	43	710	50	60	155	134TA5992
	43	43	820	85	90	145	134TA5541
	43	43	882	75	85	162	134TA6194
	43	43	920	60	80	150	139TA4295
	44	44	940	60	70	170	134TA6226
	48	49	850	60	100		105TA7238

REF 139TA4293


REF 105TA7341

REF 124TA1078

REF 134TA6305

REF 105TA6966

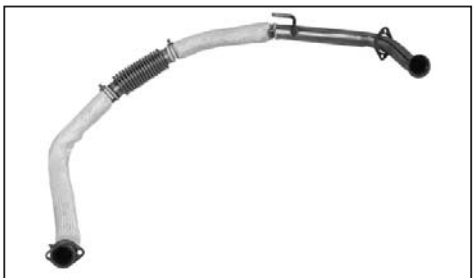
REF 139TA4294

REF 134TA5992

REF 134TA5541

REF 134TA6194

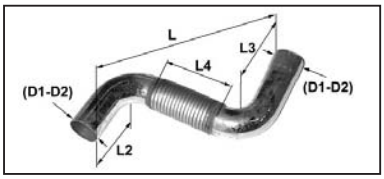
REF 139TA4295


REF 134TA6226

REF 105TA7238

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

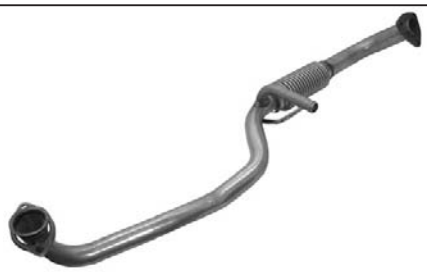
used for: TOYOTA



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
6	65	65	720	80	100	255	105TA7231
7	38	42	965	80	120	160	139TA4296
	40	45	870	80	120	155	134TA6151
	42	43	940	75	120	140	134TA6082
	43	43	930	80	120	160	139TA4297
8	41	43	955	75	95	150	139TA4298
	42	43	945	55	90	160	134TA6263

REF 105TA7231

REF 139TA4296

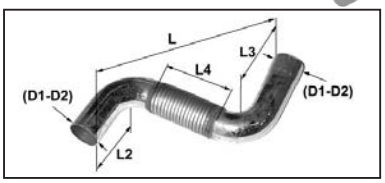

REF 134TA6151

REF 134TA6082

REF 139TA4297

REF 139TA4298

REF 134TA6263



used for: YALE

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
0	53	53	252			200	123TA6737
	76	79	500				139TA4299
1	34	34	99	43	55		134TA6353
	35	35	227	95	140	85	134TA5762
	35	35	627	120	600	140	105TA7418
	35	38	315	80	275		134TA5825
	38	38	110	43	62		118TA1661
	38	38	130	50	145		139TA4300
	38	49	345	140	240	155	134TA6137
	39	39	210	80	230		123TA6738
	43	52	1070	60	1040		108TA4378
	43	56	1020	110	1000		123TA6740

REF 123TA6737

REF 139TA4299

REF 134TA6353

REF 134TA5762

REF 105TA7418

REF 134TA5825

REF 118TA1661

REF 139TA4300

REF 134TA6137

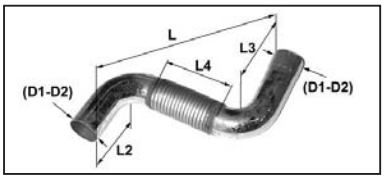
REF 123TA6738

REF 108TA4378

REF 123TA6740

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: YALE



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	44	45	435	108	404		108TA4462
	45	48	260	70	280		139TA4301
	45	49	156	70	135		123TA6742
	46	49	295	145	165		134TA5779
	50	54	435	210	340		105TA7033
	51	51	185	80	150		139TA4302
	51	51	244	88	150		124TA2067
	51	51	285	95	195		139TA4303
	51	51	630	25	605		123TA6743
	51	55	275	105	220		134TA6181
	51	60	115	85	110		123TA6744
	51	72	230	140	155		134TA6179

REF 108TA4462

REF 139TA4301

REF 123TA6742

REF 134TA5779

REF 105TA7033

REF 139TA4302

REF 124TA2067

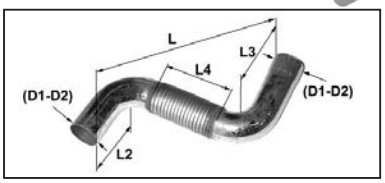
REF 139TA4303

REF 123TA6743

REF 134TA6181

REF 123TA6744

REF 134TA6179



used for: YALE

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
1	63	64	230	100	170		123TA6745
	64	64	213	95	155		123TA6746
	70	74	485	170	430		106TA7372
	76	76	498	127	375		118TA1658
	76	76	1270	120	1180		139TA4304
2	32	32	390	95	100		105TA7064
	33	38	265	45	110		134TA5727
	35	38	170	80	85		105TA6914
	35	38	215	65	100		123TA6747
	35	38	240	85	95		106TA7353
	35	38	310	75	175		106TA7378
	35	38	515	100	130		108TA4409

REF 123TA6745

REF 123TA6746

REF 106TA7372

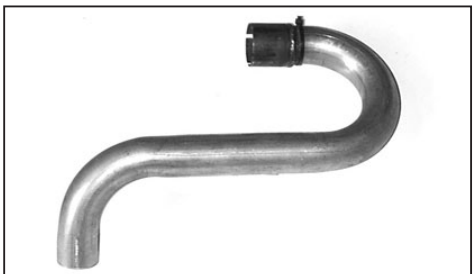
REF 118TA1658

REF 139TA4304

REF 105TA7064

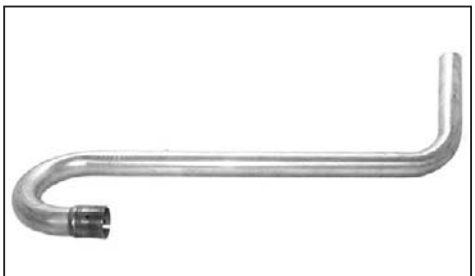
REF 134TA5727

REF 105TA6914


REF 123TA6747

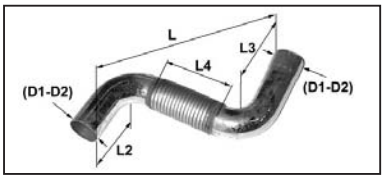
REF 106TA7353

REF 106TA7378


REF 108TA4409

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: YALE

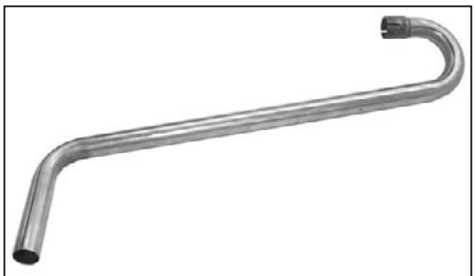


Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	35	38	542	115	210		123TA6748
	35	38	570	115	145		106TA7361
	35	38	645	115	160		118TA1561
	35	39	650	105	170		123TA6749
	35	40	285	80	95		134TA5862
	38	38	240	68	85		118TA1660
	38	38	260	65	190		139TA4305
	38	38	345	60	175		105TA6923
	38	38	385	90	110		118TA1557
	38	38	385	95	115		139TA4306
	38	41	1150	30	230		139TA4307
	38	42	405	110	320		139TA4308

REF 123TA6748

REF 106TA7361

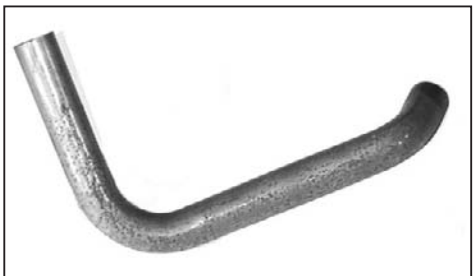
REF 118TA1561


REF 123TA6749

REF 134TA5862

REF 118TA1660

REF 139TA4305

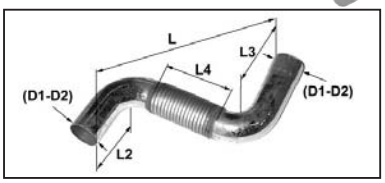

REF 105TA6923

REF 118TA1557

REF 139TA4306

REF 139TA4307

REF 139TA4308



used for: YALE

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	38	44	140	40	40		139TA4309
	38	44	1110	35	220		134TA6345
	38	44	1180	30	255		134TA5881
	38	48	380	70	110	160	123TA6750
	38	50	1160	20	240		139TA4310
	38	51	420	100	185		134TA6172
	42	51	375	225	290		139TA4311
	45	51	400	184	330		139TA4312
	47	49	780	80	610	140	123TA6752
	48	48	190	105	125		124TA7251
	49	51	375	105	120		105TA7443
	49	53	555	160	220	85	134TA6060

REF 139TA4309

REF 134TA6345

REF 134TA5881

REF 123TA6750

REF 139TA4310

REF 134TA6172

REF 139TA4311

REF 139TA4312

REF 123TA6752

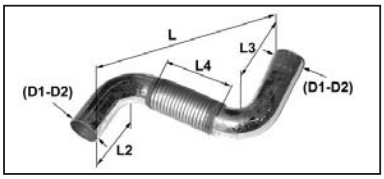
REF 124TA7251

REF 105TA7443

REF 134TA6060

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: YALE



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	50	50	410	60	270		134TA5951
	50	54	267	50	155		134TA6045
	50	60	885	90	700	125	124TA5152
	51	51	340	100	210		105TA7353
	51	54	515	280	290		124TA2094
	51	55	1170	22	260		118TA1691
	60	60	410	75	195		134TA5877
	62	62	345	95	220	140	139TA4313
	69	74	1850	45	225		134TA5603
	69	74	1860	80	250		139TA4314
	70	73	575	210	225		123TA6753
	70	74	1855	60	170		123TA6754

REF 134TA5951

REF 134TA6045

REF 124TA5152

REF 105TA7353

REF 124TA2094

REF 118TA1691

REF 134TA5877

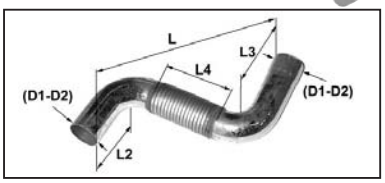
REF 139TA4313

REF 134TA5603

REF 139TA4314

REF 123TA6753

REF 123TA6754



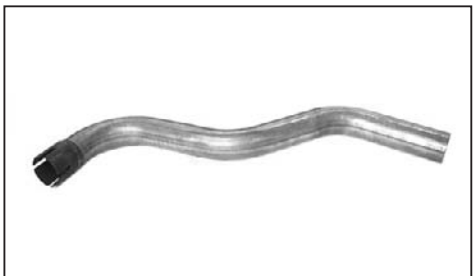
used for: YALE

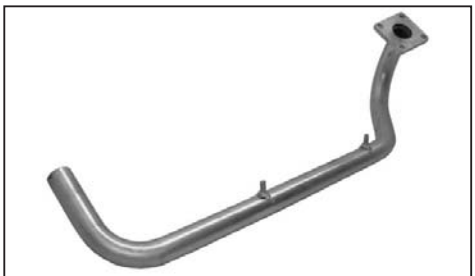
Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
2	75	80	1230	100	350		134TA5886
	77	77	745	65	395		134TA5720
3	34	36	395	95	165	138	118TA1700
	35	35	412	80	110		108TA4471
	35	35	605	100	120		105TA7122
	35	38	195	65	65		139TA4315
	35	38	345	105	110		134TA6159
	35	38	428	85	135		139TA4316
	35	40	485	70	80		134TA5901
	36	38	485	70	80		105TA6908
	37	38	340	80	80		134TA6361
	38	38	415	75	115		110TA8605

REF 134TA5886

REF 134TA5720

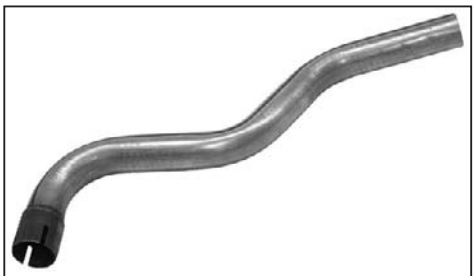
REF 118TA1700


REF 108TA4471


REF 105TA7122

REF 139TA4315

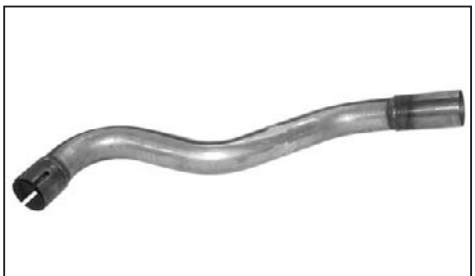
REF 134TA6159


REF 139TA4316

REF 134TA5901

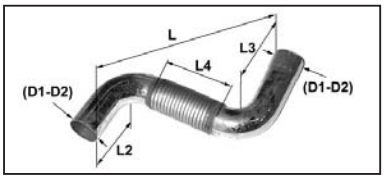
REF 105TA6908

REF 134TA6361


REF 110TA8605

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: YALE



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	38	38	450	100	105		108TA4534
	38	38	480	55	105		105TA7132
	38	38	520	75	195		123TA6755
	38	38	650	70	120		108TA4459
	38	42	460	70	75		123TA6756
	38	48	440	180	220		139TA4317
	39	42	430	75	100		110TA8589
	40	60	375	75	80		134TA5940
	42	42	480	155	230	85	124TA2077
	43	43	390	45	165	80	105TA7193
	45	48	705	150	205	115	134TA5770
	45	55	417	90	180		108TA8891

REF 108TA4534

REF 105TA7132

REF 123TA6755

REF 108TA4459

REF 123TA6756

REF 139TA4317

REF 110TA8589

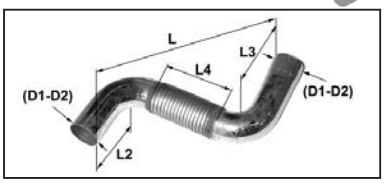
REF 134TA5940

REF 124TA2077

REF 105TA7193

REF 134TA5770

REF 108TA8891



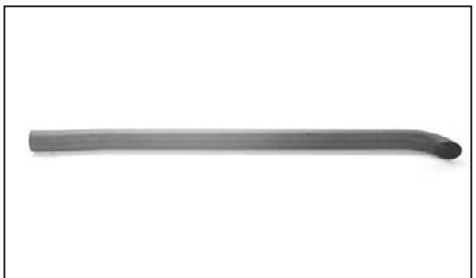
used for: YALE

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	48	49	615	155	255		134TA5776
	48	53	675	60	205		124TA1056
	50	51	470	60	135		139TA4318
	50	51	955	40	50		123TA6757
	50	54	330	60	90		134TA6266
	50	54	420	50	185		105TA7444
	50	54	785	110	295		108TA4413
	50	55	625	75	160		134TA5968
	51	51	340	75	130		123TA6758
	51	51	375	75	165		124TA1073
4	35	35	540	85	110		134TA6245
	35	35	550	100	100		134TA5858

REF 134TA5776

REF 124TA1056

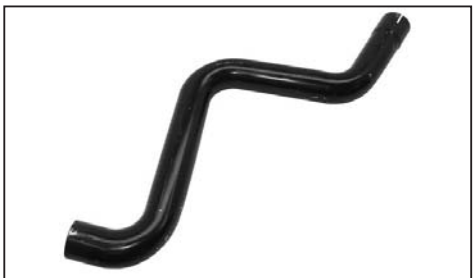
REF 139TA4318


REF 123TA6757

REF 134TA6266

REF 105TA7444

REF 108TA4413


REF 134TA5968

REF 123TA6758

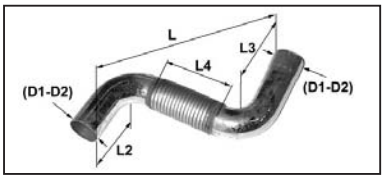
REF 124TA1073

REF 134TA6245

REF 134TA5858

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

used for: YALE



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	35	35	580	100	130		134TA6031
	35	35	605	100	135		124TA7631
	35	35	605	105	140		106TA7370
	35	35	650	100	140		139TA4319
	35	35	679	35	80		106TA6249
	35	35	705	100	130		105TA7259
	35	42	600	40	95	125	118TA1416
	38	38	460	30	125		105TA7126
	38	38	460	30	155		105TA7227
	38	38	505	30	160		106TA7360
	38	48	545	30	240	110	134TA6063
	45	45	775	95	215		134TA5774

REF 134TA6031

REF 124TA7631

REF 106TA7370

REF 139TA4319

REF 106TA6249

REF 105TA7259

REF 118TA1416

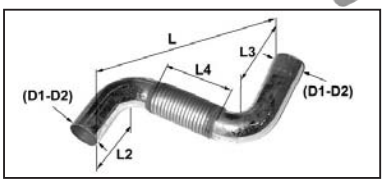
REF 105TA7126

REF 105TA7227

REF 106TA7360

REF 134TA6063

REF 134TA5774



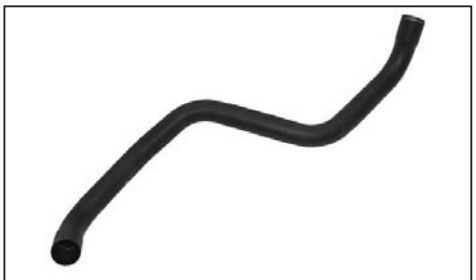
used for: YALE

Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
4	47	48	765	62	93	157	106TA7345
	50	51	475	65	100		134TA5729
	51	55	525	135	305		134TA6350
5	35	35	540	70	70		123TA6760
	35	35	570	95	105		105TA7340
	35	35	605	70	70		134TA5497
	35	35	652	70	80		108TA4411
	35	35	680	20	90		106TA7379
	35	35	695	70	160	90	139TA4320
	49	51	1085	70	260	145	134TA6062
	50	50	680	53	105		105TA7429
	50	55	553	55	120		123TA6761

REF 106TA7345

REF 134TA5729

REF 134TA6350


REF 123TA6760

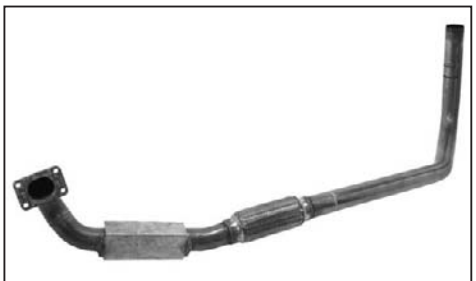
REF 105TA7340

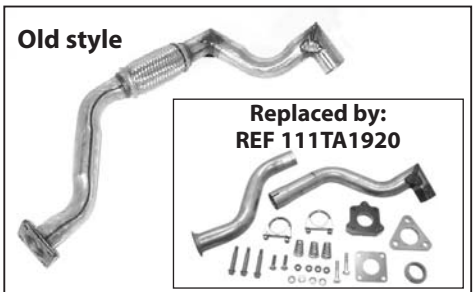
REF 134TA5497

REF 108TA4411

REF 106TA7379

REF 139TA4320


REF 134TA6062

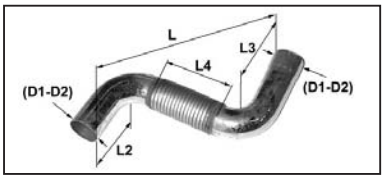


REF 105TA7429

REF 123TA6761

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

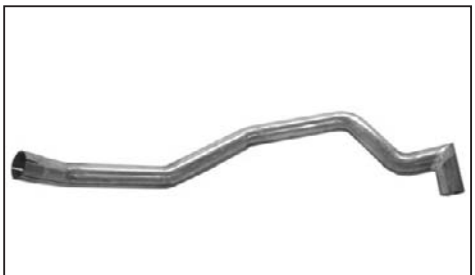
used for: YALE



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
5	50	55	675	55	70		123TA6762
6	35	35	645	80	125		134TA5737
	50	54	847	57	90		108TA8281
7	35	35	780	25	70		134TA5508
	50	58	580	90	220		134TA6116

REF 123TA6762

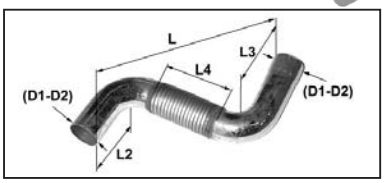
REF 134TA5737


REF 108TA8281

REF 134TA5508

REF 134TA6116

used for: YANG - YAM - PUMA



Number of bends AT-BO	Smallest outer dia. tube (mm) D1	Largest outer dia. tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF
3	42	57	420	135	45	130	139TA4321
4	42	42	565	125	135	115	105TA6952
	42	57	630	40	80	140	134TA5768
5	42	42	585	90	150	140	134TA5805
	42	42	655	115	120	155	106TA7351
6	42	42	885	50	100	130	134TA5960

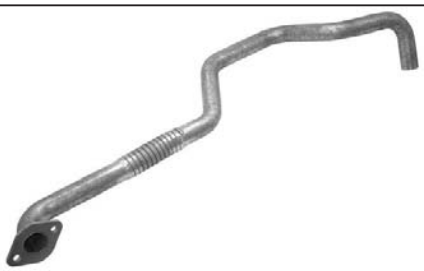
REF 139TA4321

REF 105TA6952

REF 134TA5768

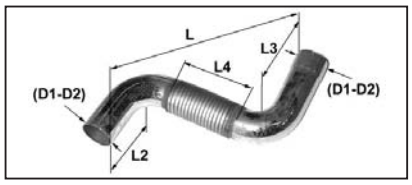
REF 134TA5805

REF 106TA7351

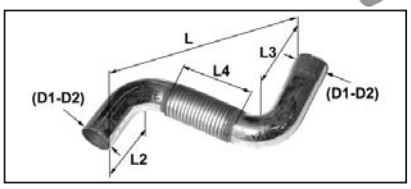

REF 134TA5960

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
0	33	48	320			185	134TA6100	AUSA
0	34	34	170			107	108TA4481	KOMATSU
0	34	38	99				139TA4094	OM PIMESPO
0	34	39	245				134TA6126	TCM
0	35	35	85				139TA3838	CLARK-SAMSUNG
0	35	37	180				134TA6057	NIFTYLIFT
0	35	38	179				108TA4458	TCM
0	35	38	280				105TA7439	TCM
0	36	37	200			145	105TA7394	HYSTER
0	38	38	285				105TA7381	CLARK-SAMSUNG
0	38	38	415			300	105TA7315	STILL
0	38	42	246				118TA1575	NISSAN
0	38	45	420			285	105TA7195	STILL
0	38	45	1030			905	105TA7225	STILL
0	38	49	305			210	134TA5806	TCM
0	38	49	317			180	134TA5640	STILL
0	39	39	500				124TA7244	COVENTRY CLIMAX
0	40	40	65				118TA1664	LINDE-LANSING
0	40	45	250				134TA6022	TCM
0	41	46	313				134TA5804	NISSAN
0	42	42	129			87	139TA3929	JCB
0	42	42	225				105TA7459	CLARK-SAMSUNG
0	42	42	290				108TA4431	LINDE-LANSING
0	42	42	395				108TA4424	LINDE-LANSING
0	42	42	475				108TA4427	LINDE-LANSING
0	42	42	570				108TA4433	LINDE-LANSING
0	42	45	300				118TA1636	LINDE-LANSING
0	42	45	315			215	139TA4095	OM PIMESPO
0	42	45	335				105TA6941	LINDE-LANSING
0	42	46	1025				118TA1219	LINDE-LANSING
0	42	47	151				139TA4023	MITSUBISHI-CATERPILLAR
0	43	46	340				124TA7249	TCM
0	43	51	1085				134TA5696	LINDE-LANSING
0	44	44	1125				134TA6156	COVENTRY CLIMAX
0	45	45	1035				105TA7235	FENWICK & PEG
0	45	47	140				118TA1555	COVENTRY CLIMAX
0	45	47	253				134TA6107	NISSAN
0	45	49	190				139TA4247	TAILIFT
0	45	50	585			465	134TA6325	COVENTRY CLIMAX
0	46	46	250				105TA6895	NISSAN
0	46	46	270			195	134TA6091	HYSTER
0	46	46	270				139TA4096	OM PIMESPO
0	46	46	355			285	105TA7113	HYSTER
0	46	47	495			365	110TA8597	TOYOTA
0	47	47	60				108TA8271	TOYOTA
0	48	48	175				118TA1669	MANITOU
0	48	48	186			125	134TA5934	JCB
0	48	48	480			225	105TA7200	HYSTER
0	48	48	705			560	139TA3804	ATLET-LAFIS
0	48	50	81				134TA6237	LINDE-LANSING
0	48	61	1055				134TA6300	MANITOU
0	48	62	50				118TA1606	CLARK-SAMSUNG
0	49	49	780				134TA6130	OM PIMESPO
0	50	55	140				108TA4381	HYSTER
0	51	51	204				139TA3924	HYUNDAI
0	51	51	280			165	134TA5518	KOMATSU
0	51	51	525			225	118TA1459	JUNGHEINRICH-STEINBOCK
0	51	52	327			186	134TA5668	KOMATSU

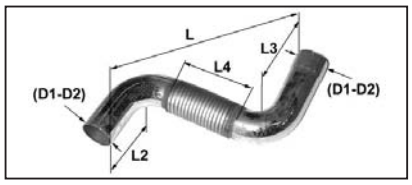


Complete range

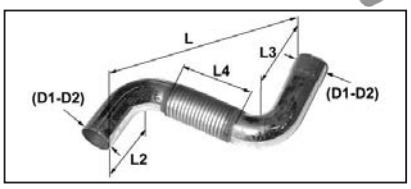
Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
0	51	53	200			110	139TA4189	STILL
0	51	54	43				139TA4264	TENNANT
0	51	54	300				123TA6683	LINDE-LANSING
0	51	55	300			205	105TA7119	MITSUBISHI-CATERPILLAR
0	53	53	190				139TA4097	OM PIMESPO
0	53	53	252			200	123TA6737	YALE
0	53	54	308			230	108TA4446	HYSTER
0	53	59	430			180	124TA7235	LINDE-LANSING
0	54	54	86				124TA1047	JUNGHEINRICH-STEINBOCK
0	54	54	210			115	139TA4190	STILL
0	54	54	255			96	134TA6186	HYSTER
0	54	59	240			105	139TA4191	STILL
0	54	60	398			210	123TA6684	LINDE-LANSING
0	54	63	153				139TA4024	MITSUBISHI-CATERPILLAR
0	55	55	176				134TA6053	MANITOU
0	55	55	240				123TA6589	CLARK-SAMSUNG
0	55	55	580			470	105TA7151	MITSUBISHI-CATERPILLAR
0	56	60	630			500	139TA4005	LUGLI
0	57	57	88				108TA8892	JUNGHEINRICH-STEINBOCK
0	57	57	193				124TA7238	COVENTRY CLIMAX
0	57	57	495				124TA7240	COVENTRY CLIMAX
0	58	58	110				139TA4098	OM PIMESPO
0	59	59	232			147	108TA4445	MANITOU
0	61	61	66				139TA4025	MITSUBISHI-CATERPILLAR
0	61	61	180			138	108TA4416	MANITOU
0	63	63	115				110TA8591	HYSTER
0	63	63	155			70	105TA7049	CLARK-SAMSUNG
0	64	64	255				139TA3936	JLG
0	64	64	400			190	134TA6256	HYUNDAI
0	68	68	315				134TA6074	MITSUBISHI-CATERPILLAR
0	68	70	160				124TA7242	LINDE-LANSING
0	69	69	378			368	123TA6580	MITSUBISHI-CATERPILLAR
0	75	86	460				139TA4192	STILL
0	75	124	325				108TA4524	COVENTRY CLIMAX
0	76	76	405			300	123TA6590	CLARK-SAMSUNG
0	76	76	1042				124TA1060	KALMAR
0	76	79	500				139TA4299	YALE
0	76	80	1410				118TA1702	CLARK-SAMSUNG
0	76	88	180				118TA1541	JUNGHEINRICH-STEINBOCK
0	77	77	125				139TA4026	MITSUBISHI-CATERPILLAR
0	78	81	131				134TA6224	AUSA
0	88	88	125				105TA7367	CLARK-SAMSUNG
0	98	102	690				123TA6591	CLARK-SAMSUNG
0	100	100	485			435	134TA6358	KALMAR
0	101	106	350			300	134TA6289	MITSUBISHI-CATERPILLAR
0	105	105	1210				110TA9615	KALMAR
0	107	107	330				139TA3878	HYSTER
0	127	131	128				139TA3930	JCB
1	30	30	215	20	195		134TA5986	LINDE-LANSING
1	32	32	93	42	60		118TA1680	HYSTER
1	32	32	120	70	140		118TA1522	HYSTER
1	32	35	108	95	125		105TA6888	HYSTER
1	34	34	99	43	55		134TA6353	YALE
1	34	34	251	65	190		108TA4480	KOMATSU
1	35	35	62	29	32		134TA6065	HYSTER
1	35	35	102	32	74		134TA6050	MOFFETT
1	35	35	227	95	140	85	134TA5762	YALE
1	35	35	240	20	220		105TA7262	HYSTER

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
1	35	35	252	60	195		108TA4395	KOMATSU
1	35	35	627	120	600	140	105TA7418	YALE
1	35	38	122	53	87		123TA6700	NISSAN
1	35	38	165	80	95		105TA7352	TCM
1	35	38	215	80	140		105TA7363	TCM
1	35	38	315	80	275		134TA5825	YALE
1	35	39	150	50	100		139TA4253	TCM
1	35	51	460	170	408		118TA1540	MITSUBISHI-CATERPILLAR
1	36	38	75	26	52		123TA6701	NISSAN
1	36	38	390	80	435	260	139TA4006	MANITOU
1	36	42	70	46	46		134TA6128	TOYOTA
1	37	37	240	85	175		105TA7368	CLARK-SAMSUNG
1	38	38	75	35	65		105TA7406	LINDE-LANSING
1	38	38	100	38	90		123TA6724	TOYOTA
1	38	38	110	43	62		118TA1661	YALE
1	38	38	130	50	145		139TA4300	YALE
1	38	38	133	87	148		110TA8611	HYSTER
1	38	38	140	15	125		139TA3937	JLG
1	38	38	165	50	140		139TA3839	CLARK-SAMSUNG
1	38	38	185	65	125		108TA4420	KOMATSU
1	38	38	200	83	130		123TA6666	KOMATSU
1	38	38	205	10	195		105TA6980	NISSAN
1	38	38	335	115	270		105TA6894	NISSAN
1	38	40	295	150	190		134TA5853	TCM
1	38	41	175	80	155		105TA6930	MITSUBISHI-CATERPILLAR
1	38	41	290	170	195		105TA7440	TCM
1	38	41	290	175	183		134TA5711	TCM
1	38	41	370	190	270		105TA6970	TCM
1	38	42	200	130	150		139TA4086	NISSAN
1	38	42	257	160	180		134TA5996	NISSAN
1	38	42	285	65	245	155	139TA4027	MITSUBISHI-CATERPILLAR
1	38	42	310	110	285		139TA4254	TCM
1	38	42	320	147	254		134TA5691	TENNANT
1	38	42	327	110	302		108TA8279	TOYOTA
1	38	42	358	80	420		124TA7230	MITSUBISHI-CATERPILLAR
1	38	42	360	65	335		134TA5961	MITSUBISHI-CATERPILLAR
1	38	42	370	80	315	180	105TA6920	MITSUBISHI-CATERPILLAR
1	38	42	420	70	365	225	105TA7198	MITSUBISHI-CATERPILLAR
1	38	42	565	80	558		108TA4470	MITSUBISHI-CATERPILLAR
1	38	42	865				124TA7247	NISSAN
1	38	42	905	70	840		134TA5671	MITSUBISHI-CATERPILLAR
1	38	42	910	82	842		105TA6866	MITSUBISHI-CATERPILLAR
1	38	43	140	80	100		134TA5981	MITSUBISHI-CATERPILLAR
1	38	43	390	170	230		105TA7256	MITSUBISHI-CATERPILLAR
1	38	43	405	70	400	330	105TA7258	TOYOTA
1	38	44	400	165	345		118TA1694	HYSTER
1	38	47	174	80	110		123TA6702	NISSAN
1	38	47	180	95	110		134TA5821	NISSAN
1	38	48	270	40	240		134TA5856	CLARK-SAMSUNG
1	38	49	345	140	240	155	134TA6137	YALE
1	38	56	345	75	265	145	105TA7107	STILL
1	38	64	870	90	800		139TA4099	OM PIMESPO
1	39	39	210	80	230		123TA6738	YALE
1	39	41	230	85	200		134TA5747	CLARK-SAMSUNG
1	39	43	190	105	130		139TA4100	OM PIMESPO
1	39	43	245	70	245	180	134TA5936	TOYOTA
1	40	41	475	20	470	105	139TA4083	MOFFETT
1	40	41	1970	55	1925	1000	134TA5645	STILL

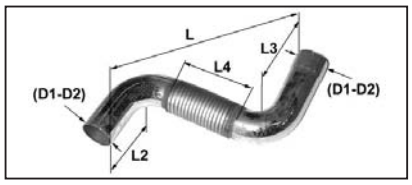


Complete range

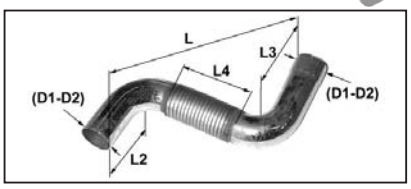
Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
1	40	42	857	48	80		139TA4265	TENNANT
1	40	45	320	90	310	240	134TA6177	AUSA
1	40	46	1630	35	730	710	108TA4447	STILL
1	40	46	1710	53	1680	825	118TA1629	STILL
1	40	50	290	130	235	150	134TA6225	AUSA
1	40	54	327	150	265	150	134TA6106	AUSA
1	41	45	210	115	140		139TA4266	TENNANT
1	41	45	405	80	370	215	134TA5793	CLARK-SAMSUNG
1	41	46	148	100	110		108TA4496	KOMATSU
1	41	46	180	90	150		139TA4028	MITSUBISHI-CATERPILLAR
1	41	46	1135	195	1040		139TA3805	BAOLI
1	41	76	1060	125	1050		108TA4303	JUNGHEINRICH-STEINBOCK
1	41	76	1120	125	1120		118TA1498	KOMATSU
1	42	38	300	85	290		134TA5843	NISSAN
1	42	42	85	25	80		105TA7307	STILL
1	42	42	125	50	75		139TA4007	MANITOU
1	42	42	235	70	180		139TA4193	STILL
1	42	42	290	115	240		105TA7393	CLARK-SAMSUNG
1	42	42	328	75	255	140	139TA4101	OM PIMESPO
1	42	42	395	170	330		139TA4194	STILL
1	42	42	420	20	22		105TA7448	MITSUBISHI-CATERPILLAR
1	42	42	472	460	40	410	106TA7380	STILL
1	42	43	150	32	147		134TA5977	MOFFETT
1	42	45	290	120	195		139TA4195	STILL
1	42	45	400	165	345		123TA6617	HYSTER
1	42	45	640	405	505	135	139TA4248	TAILIFT
1	42	46	315	205	215	105	139TA4196	STILL
1	42	46	475	105	445		139TA4197	STILL
1	42	51	270	140	230		118TA1446	LINDE-LANSING
1	42	65	614	55	594		108TA4531	TOYOTA
1	43	43	200	97	115		118TA1632	MITSUBISHI-CATERPILLAR
1	43	43	200	110	135		139TA4102	OM PIMESPO
1	43	43	265	105	202		108TA8272	TOYOTA
1	43	43	270	130	235	170	105TA7420	TOYOTA
1	43	43	345	200	235		105TA7187	TOYOTA
1	43	43	490	260	385		105TA7280	KOMATSU
1	43	45	480	35	470	445	105TA7358	FENWICK & PEG
1	43	46	615	245	395	250	139TA4103	OM PIMESPO
1	43	47	127	25	90		123TA6695	MANITOU
1	43	47	233	30	200		105TA7455	MITSUBISHI-CATERPILLAR
1	43	47	307	108	203		105TA7415	MITSUBISHI-CATERPILLAR
1	43	47	315	80	280		139TA4104	OM PIMESPO
1	43	48	225	120	155		134TA5998	KOMATSU
1	43	48	340	110	240	210	123TA6634	HYUNDAI
1	43	52	915	52	890		139TA4029	MITSUBISHI-CATERPILLAR
1	43	52	1070	60	1040		108TA4378	YALE
1	43	56	1020	110	1000		123TA6740	YALE
1	44	44	79	42	42		134TA5718	CLARK-SAMSUNG
1	44	44	100	42	65		118TA1663	CLARK-SAMSUNG
1	44	44	150	20	130		105TA7410	HYSTER
1	44	44	280	54	270		118TA1563	KOMATSU
1	44	45	435	108	404		108TA4462	YALE
1	44	48	170	80	90		139TA3931	JCB
1	44	48	193	125	137		134TA5872	JCB
1	44	48	205	115	130		124TA1025	NISSAN
1	44	49	165	102	117		134TA5869	JCB
1	44	49	926	80	900		108TA4385	OM PIMESPO
1	44	50	255	80	220		108TA4544	CLARK-SAMSUNG

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
1	44	50	382	75	340	180	108TA4490	KOMATSU
1	44	50	510	45	48	327	110TA9612	JUNGHEINRICH-STEINBOCK
1	44	50	1070	50	1035		139TA4031	MITSUBISHI-CATERPILLAR
1	44	51	480	63	460	275	134TA6017	JUNGHEINRICH-STEINBOCK
1	44	52	180	60	150		118TA1392	LINDE-LANSING
1	45	45	75	35	40		118TA1393	LINDE-LANSING
1	45	45	215	54	170	70	124TA1028	NISSAN
1	45	45	345	70	270	205	123TA6611	COVENTRY CLIMAX
1	45	45	395	190	270		105TA7078	HYSTER
1	45	45	580	255	340		134TA5920	MITSUBISHI-CATERPILLAR
1	45	45	850	115	806		106TA6246	OM PIMESPO
1	45	47	445	75	385	310	118TA1528	COVENTRY CLIMAX
1	45	48	195	110	140		105TA7160	HYSTER
1	45	48	197	90	145		134TA5741	JLG
1	45	48	225	110	185		105TA7401	HYSTER
1	45	48	260	70	280		139TA4301	YALE
1	45	48	320	130	265		139TA3940	JUNGHEINRICH-STEINBOCK
1	45	48	330	180	310	160	139TA4032	MITSUBISHI-CATERPILLAR
1	45	48	340	170	320	170	139TA4033	MITSUBISHI-CATERPILLAR
1	45	48	1620	45	1600		104TA5988	OM PIMESPO
1	45	49	100	20	75		134TA6354	MANITOU
1	45	49	156	70	135		123TA6742	YALE
1	45	49	265	60	265		139TA3811	BOBCAT
1	45	49	400	160	345		124TA7616	HYSTER
1	45	49	485	110	410		118TA1439	LINDE-LANSING
1	45	50	242	90	190		134TA5615	NISSAN
1	45	50	285	115	350		134TA6185	MITSUBISHI-CATERPILLAR
1	45	50	925	94	905		118TA1535	OM PIMESPO
1	45	51	535	45	515	368	105TA7451	JUNGHEINRICH-STEINBOCK
1	45	55	784	170	620	300	139TA4105	OM PIMESPO
1	45	57	605	105	560	350	105TA7278	KOMATSU
1	45	57	890	65	880	640	139TA4106	OM PIMESPO
1	46	46	140	20	125		124TA1029	NISSAN
1	46	49	295	145	165		134TA5779	YALE
1	47	47	317	117	210		123TA6725	TOYOTA
1	47	47	390	95	360	275	105TA7062	MITSUBISHI-CATERPILLAR
1	47	48	170	90	115		105TA7083	HYSTER
1	47	50	210	65	145	145	139TA3842	CLARK-SAMSUNG
1	47	50	360	115	275		108TA4554	HYSTER
1	48	48	110	55	55		134TA5892	HYSTER
1	48	48	115	55	80		105TA6983	CLARK-SAMSUNG
1	48	48	215	90	105		108TA4394	LINDE-LANSING
1	48	48	280	70	210		105TA7293	HYSTER
1	48	48	825	15			134TA6323	COVENTRY CLIMAX
1	48	50	215	80	175		123TA6713	STILL
1	48	50	770	85	740		134TA6071	OM PIMESPO
1	48	52	240	70	195		105TA7011	CLARK-SAMSUNG
1	48	52	345	115	135		105TA7025	CLARK-SAMSUNG
1	48	52	430	95	410		124TA7626	CLARK-SAMSUNG
1	48	57	265	115	160		124TA1079	TOYOTA
1	48	60	460	200	395	180	139TA4034	MITSUBISHI-CATERPILLAR
1	49	49	260	90	220		134TA5778	TOYOTA
1	49	49	360	210	250		134TA6120	COVENTRY CLIMAX
1	49	49	420	190	260		124TA4497	HYSTER
1	49	51	237	76	207		118TA1559	COVENTRY CLIMAX
1	49	51	290	110	135		105TA7402	CLARK-SAMSUNG
1	49	53	225	20	200		134TA5971	LINDE-LANSING
1	49	54	340	35	300		105TA7185	MITSUBISHI-CATERPILLAR

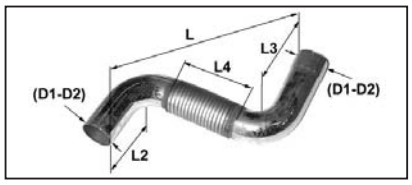


Complete range

Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
1	49	56	1065	25	1020		134TA5969	JCB
1	49	57	280	100	205		139TA4271	TOYOTA
1	50	50	120	80	115		105TA6954	HYSTER
1	50	50	145	50	110		134TA6209	LINDE-LANSING
1	50	50	153	100	100		134TA6261	OM PIMESPO
1	50	50	155	125	310	160	134TA5954	OM PIMESPO
1	50	50	215	5	200		123TA6669	KOMATSU
1	50	50	255	90	160		110TA8610	HYSTER
1	50	50	645	135	600	160	134TA5873	STILL
1	50	51	92	45	65		124TA2101	CLARK-SAMSUNG
1	50	51	150	135	165		134TA6316	LINDE-LANSING
1	50	51	260	25	250	175	118TA1374	MITSUBISHI-CATERPILLAR
1	50	51	860	90	830	690	134TA5898	COVENTRY CLIMAX
1	50	52	210	90	175		105TA7355	FENWICK & PEG
1	50	52	895	40	870		134TA6032	MITSUBISHI-CATERPILLAR
1	50	53	157	50	107		134TA6087	LINDE-LANSING
1	50	54	115	60	68		110TA9618	STILL
1	50	54	200	75	165		105TA7048	OM PIMESPO
1	50	54	435	210	340		105TA7033	YALE
1	50	54	470	95	435		105TA7157	HYSTER
1	50	55	502	270	350		134TA5788	JCB
1	50	55	705	45	670		118TA1552	CLARK-SAMSUNG
1	50	55	840	90	800		124TA1075	OM PIMESPO
1	50	55	845	75	820		105TA7215	OM PIMESPO
1	50	56	124	50	110		134TA6299	MANITOU
1	50	57	258	150	170		108TA4391	NISSAN
1	50	57	770	70	164	750	108TA4474	MITSUBISHI-CATERPILLAR
1	50	58	1135	30	1100		139TA4035	MITSUBISHI-CATERPILLAR
1	50	66	410	125	290	178	139TA4198	STILL
1	51	51	62	35	46		108TA4375	CLARK-SAMSUNG
1	51	51	125	60	72		124TA7621	HYSTER
1	51	51	128	40	90		134TA5871	HYSTER
1	51	51	135	30	113		108TA4398	COVENTRY CLIMAX
1	51	51	145	80	80		134TA5702	COVENTRY CLIMAX
1	51	51	155	175	200		118TA1600	STILL
1	51	51	185	80	150		139TA4302	YALE
1	51	51	195	55	150		139TA3883	HYSTER
1	51	51	225	50	205		118TA1614	LINDE-LANSING
1	51	51	240	110	145		123TA6592	CLARK-SAMSUNG
1	51	51	244	88	150		124TA2067	YALE
1	51	51	260	80	250		105TA7074	HYSTER
1	51	51	270	70	215		105TA7403	HYSTER
1	51	51	270	90	175		124TA5154	LINDE-LANSING
1	51	51	275	15	250		134TA5785	JCB
1	51	51	285	95	195		139TA4303	YALE
1	51	51	440	70	400		105TA7373	LINDE-LANSING
1	51	51	445	53	413	350	118TA1595	COVENTRY CLIMAX
1	51	51	630	25	605		123TA6743	YALE
1	51	51	755	75	700		134TA5749	KOMATSU
1	51	53	560	50	530		124TA2865	LINDE-LANSING
1	51	53	895	262	695		108TA4404	MITSUBISHI-CATERPILLAR
1	51	54	135	60	85		139TA4255	TCM
1	51	54	255	145	190		139TA3869	HARLAN
1	51	54	470	100	430		105TA6949	HYSTER
1	51	54	650	290	500	280	118TA1504	STILL
1	51	54	805	160	764		108TA4372	LINDE-LANSING
1	51	55	83	33	50		108TA4529	MITSUBISHI-CATERPILLAR
1	51	55	170	84	97		108TA4463	LINDE-LANSING

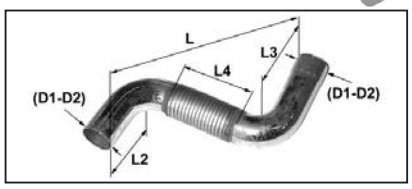
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
1	51	55	180	120	155		134TA5789	CLARK-SAMSUNG
1	51	55	245	90	190		105TA7386	CLARK-SAMSUNG
1	51	55	275	105	220		134TA6181	YALE
1	51	56	132	43	86		134TA5710	COVENTRY CLIMAX
1	51	56	300	80	275		118TA1464	LINDE-LANSING
1	51	56	975	400	600		139TA4107	OM PIMESPO
1	51	57	463	200	395		108TA8884	JUNGHEINRICH-STEINBOCK
1	51	58	117	62	94		118TA1519	DESTA
1	51	58	400	40	370		105TA6902	HYSTER
1	51	60	115	85	110		123TA6744	YALE
1	51	60	665	85	630		105TA7335	CLARK-SAMSUNG
1	51	62	130	110	180		105TA7099	CLARK-SAMSUNG
1	51	63	250	105	140	65	134TA6174	GENIE
1	51	72	230	140	155		134TA6179	YALE
1	52	54	380	200	235		105TA7374	LINDE-LANSING
1	52	57	175	70	140		118TA1573	LINDE-LANSING
1	53	53	260	165	165		105TA6881	NISSAN
1	53	55	1067	75	1030		123TA6015	MITSUBISHI-CATERPILLAR
1	53	66	425	20	405	255	139TA4199	STILL
1	54	54	420	137	290	175	118TA1623	TOYOTA
1	54	56	200	55	155		134TA5846	JUNGHEINRICH-STEINBOCK
1	54	57	245	83	185		105TA7417	TCM
1	54	57	380	160	310		124TA1066	TCM
1	54	57	942	450	500		134TA5948	TCM
1	54	78	786	37	760		118TA1539	CLARK-SAMSUNG
1	55	36	1025	80	1030		124TA7239	LINDE-LANSING
1	55	50	75	15	55		139TA3885	HYSTER
1	55	51	305	150	225		124TA7237	COVENTRY CLIMAX
1	55	55	205	95	130		105TA7359	STILL
1	55	55	250	100	175		134TA5991	LINDE-LANSING
1	55	55	360	150	265		118TA1610	CLARK-SAMSUNG
1	55	55	380	240	260	185	105TA7141	HYSTER
1	55	55	1405	40	138		134TA5759	OM PIMESPO
1	55	57	370	50	360		118TA1678	LINDE-LANSING
1	55	58	175	90	120		134TA6018	BAUMANN
1	55	60	115	35	90		105TA6934	MANITOU
1	55	60	260	20	240	155	134TA6036	JUNGHEINRICH-STEINBOCK
1	55	60	270	135	160		105TA7120	LINDE-LANSING
1	55	60	520	110	420		139TA4200	STILL
1	55	77	712	40	685		105TA6779	CLARK-SAMSUNG
1	56	52	210	70	180		123TA6686	LINDE-LANSING
1	56	56	115	30	95		105TA6943	JUNGHEINRICH-STEINBOCK
1	56	56	145	70	105		105TA6916	CLARK-SAMSUNG
1	56	56	305	20	285		134TA5798	MANITOU
1	56	56	325	180	180		105TA7005	HYSTER
1	56	59	610	145	480		139TA4201	STILL
1	56	64	460	220	470		134TA5841	JUNGHEINRICH-STEINBOCK
1	57	57	155	55	115		105TA6942	HYSTER
1	57	57	170	90	100		105TA7047	HYSTER
1	57	57	420	170	325		118TA1525	TCM
1	57	61	205	90	130		105TA6913	TCM
1	57	61	270	37	280	100	139TA4036	MITSUBISHI-CATERPILLAR
1	57	61	510	100	500		134TA6328	TCM
1	57	61	1260	50	1210		124TA1067	TCM
1	57	62	335	125	310		105TA7284	TCM
1	57	63	207	110	115		139TA3843	CLARK-SAMSUNG
1	57	63	480	260	370	180	134TA5962	JUNGHEINRICH-STEINBOCK
1	57	64	117	55	72		134TA6038	HYSTER

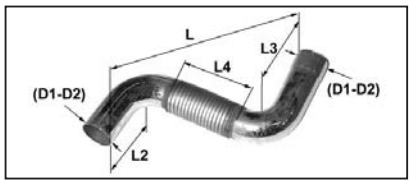
Complete range



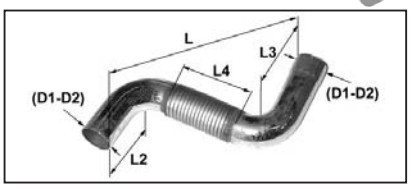
Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
1	57	65	220	80	190		134TA6121	TOYOTA
1	58	58	130	40	90		134TA5697	KOMATSU
1	58	58	285	100	205		134TA5975	JUNGHEINRICH-STEINBOCK
1	58	61	232	90	160		123TA6641	JUNGHEINRICH-STEINBOCK
1	58	61	630	40	590	450	134TA6041	KOMATSU
1	58	61	690	250	450		139TA4008	MANITOU
1	58	62	224	15	210		123TA6670	KOMATSU
1	58	63	285	45	285	115	139TA3943	JUNGHEINRICH-STEINBOCK
1	58	63	1640	60		125	139TA4202	STILL
1	58	64	1400	60	1360	145	139TA4203	STILL
1	58	65	445	270	305	175	124TA7233	MANITOU
1	59	61	1200	70	1160		139TA3932	JCB
1	60	60	170	65	120		134TA5890	CLARK-SAMSUNG
1	60	60	210	105	105		123TA6726	TOYOTA
1	60	60	215	140	110		139TA4204	STILL
1	60	60	225	80	150		139TA4108	OM PIMESPO
1	60	60	245	115	145		139TA4205	STILL
1	60	60	810	40	770		139TA3962	KALMAR
1	60	61	92	18	76		139TA3963	KALMAR
1	60	64	105	25	80		108TA4507	MANITOU
1	60	64	1515	45	1475	100	139TA4206	STILL
1	60	65	485	185	340		124TA2076	LINDE-LANSING
1	60	66	765	50	720		123TA6643	JUNGHEINRICH-STEINBOCK
1	60	66	1400	300	1210		118TA1509	LINDE-LANSING
1	60	67	295	120	240		118TA1435	LINDE-LANSING
1	60	67	297	125	260		118TA1497	LINDE-LANSING
1	60	67	340	40	315	230	139TA4207	STILL
1	60	68	295	115	235		118TA1426	LINDE-LANSING
1	60	68	302	115	260		118TA1698	LINDE-LANSING
1	60	68	590	120	565		134TA5746	LINDE-LANSING
1	60	70	195	60	160		105TA7366	CLARK-SAMSUNG
1	60	76	190	130	210		134TA5983	DANTRUCK
1	60	77	245	130	210		134TA5965	MANITOU
1	60	79	294	90	210		118TA1480	LINDE-LANSING
1	61	61	105	45	55		139TA4208	STILL
1	61	63	420	35			134TA6301	SAMBRON
1	61	64	323	90	305	170	134TA6007	MANITOU
1	62	63	925	60	880		118TA1569	MITSUBISHI-CATERPILLAR
1	62	64	207	100	140		108TA4442	MITSUBISHI-CATERPILLAR
1	62	64	225	70	180		105TA7357	MITSUBISHI-CATERPILLAR
1	62	64	280	115	225		139TA3870	HARLAN
1	62	67	220	110	165		139TA3871	HARLAN
1	63	63	143	60	85		108TA4449	MITSUBISHI-CATERPILLAR
1	63	63	200	100	125		118TA1478	JUNGHEINRICH-STEINBOCK
1	63	63	535	195	440	215	139TA3991	LINDE-LANSING
1	63	63	640	100	610	150	134TA5956	HYUNDAI
1	63	64	230	100	170		123TA6745	YALE
1	63	67	225	115	160		139TA4037	MITSUBISHI-CATERPILLAR
1	63	67	685	140	620	320	105TA7237	MITSUBISHI-CATERPILLAR
1	63	67	760	30	715		134TA5882	MITSUBISHI-CATERPILLAR
1	63	69	360	180	290	90	139TA3925	HYUNDAI
1	64	64	110	15	95		105TA7305	CLARK-SAMSUNG
1	64	64	142	60	115		139TA4038	MITSUBISHI-CATERPILLAR
1	64	64	213	95	155		123TA6746	YALE
1	64	64	1060	90	1015		134TA5705	CLARK-SAMSUNG
1	64	67	79	40	40		139TA3976	KOMATSU
1	64	67	255	30	240	140	134TA5700	JCB
1	64	68	126	10	120		134TA5944	CLARK-SAMSUNG

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
1	64	69	235	80	210		134TA6204	GROVE
1	65	65	160	80	125		118TA1670	TOYOTA
1	65	65	245	15	195		123TA6727	TOYOTA
1	67	67	765	65	760	630	123TA6644	JUNGHEINRICH-STEINBOCK
1	68	70	300	125	245		118TA1422	LINDE-LANSING
1	68	70	900	120	900		134TA5952	LINDE-LANSING
1	68	73	175	30	140		139TA3886	HYSTER
1	69	69	404	85	380	275	118TA1570	MITSUBISHI-CATERPILLAR
1	69	74	705	20	690	535	134TA5888	TEREX
1	69	76	1265	80	1240		139TA4209	STILL
1	69	89	220	125	145		105TA6909	HYSTER
1	70	70	140	80	95		134TA6037	CLARK-SAMSUNG
1	70	70	180	150	160		134TA6010	LINDE-LANSING
1	70	70	190	75	115		139TA4210	STILL
1	70	70	205	75	160		105TA7300	LINDE-LANSING
1	70	70	290	140	180		134TA6012	LINDE-LANSING
1	70	70	330	120	280	140	134TA6270	MANITOU
1	70	70	340	65	280		118TA1436	LINDE-LANSING
1	70	70	365	105	325	210	105TA7136	OM PIMESPO
1	70	70	390	195	230		105TA7189	NISSAN
1	70	70	560	57	515		118TA1668	KALMAR
1	70	74	485	170	430		106TA7372	YALE
1	70	74	490	205	460		139TA3887	HYSTER
1	70	76	123	40	135		134TA6211	FANTUZZI
1	70	76	220	120	150		124TA7241	MANITOU
1	70	84	185	110	115		139TA4269	TEREX
1	74	74	57	34	38		134TA5723	MERLO
1	76	76	175	85	140		134TA5925	MITSUBISHI-CATERPILLAR
1	76	76	190	120	120		134TA6254	KALMAR
1	76	76	225	60	220		134TA5987	LINDE-LANSING
1	76	76	235	115	135		139TA3888	HYSTER
1	76	76	258	150	170		134TA6235	JUNGHEINRICH-STEINBOCK
1	76	76	270	95	225		105TA6975	HYSTER
1	76	76	288	105	188		118TA1626	CLARK-SAMSUNG
1	76	76	345	70	275		123TA6687	LINDE-LANSING
1	76	76	498	127	375		118TA1658	YALE
1	76	76	780	140	700	305	139TA3977	KOMATSU
1	76	76	790	50	750		105TA7174	KALMAR
1	76	76	790	60	740		134TA6234	KALMAR
1	76	76	1270	120	1180		139TA4304	YALE
1	76	77	940	20	920		105TA7142	HYSTER
1	76	79	1160	40	1125		134TA5591	SVE TRUCK
1	76	80	140	80	80		124TA5155	LINDE-LANSING
1	76	80	175	90	130		105TA7114	HYSTER
1	76	81	675	50	635		105TA6948	HYSTER
1	76	82	630	180	565		123TA6688	LINDE-LANSING
1	76	89	100	45	90		134TA6217	KALMAR
1	76	89	100	80	80		134TA5852	KALMAR
1	76	89	250	125	175		105TA7301	HYSTER
1	76	90	335	30	310		139TA4009	MANITOU
1	77	45	1770	45	1730		134TA5891	KALMAR
1	77	77	180	36	130		124TA2090	TOYOTA
1	77	77	240	60	180		134TA5942	LINDE-LANSING
1	77	77	940	55	895		134TA5816	KALMAR
1	77	80	1730	90	1700		124TA1113	LINDE-LANSING
1	77	84	185	55	150		105TA7370	CLARK-SAMSUNG
1	77	89	165	125	135		139TA3964	KALMAR
1	78	88	300	120	230		123TA6661	KALMAR

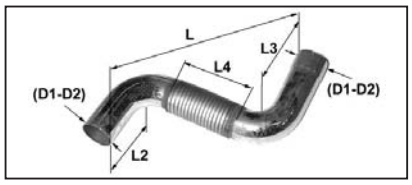


Complete range

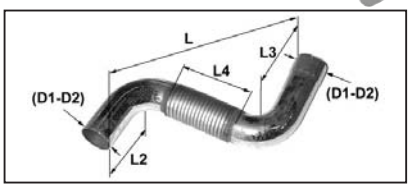
Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
1	78	110	220	130	140		134TA6109	KALMAR
1	80	80	370	100	280		118TA1461	LINDE-LANSING
1	80	88	210	125	140		105TA6917	CLARK-SAMSUNG
1	83	83	590	70	535		124TA2868	LINDE-LANSING
1	88	88	165	75	115		108TA4514	MITSUBISHI-CATERPILLAR
1	88	88	190	25	140		134TA6043	JLG
1	88	91	272	60	230		126TA4810	JLG
1	89	89	215	105	150		123TA6662	KALMAR
1	89	89	245	120	160		105TA7159	MITSUBISHI-CATERPILLAR
1	89	94	69	15	50		134TA6281	KALMAR
1	90	90	410	65	400	270	105TA7240	MITSUBISHI-CATERPILLAR
1	90	90	900	80	835		123TA6663	KALMAR
1	90	94	1080	295	795	385	134TA5883	KOMATSU
1	96	101	1120	45	1065		139TA4245	SVE TRUCK
1	98	105	440	95	405		105TA7036	HYSTER
1	100	100	310	205	205		139TA3965	KALMAR
1	100	100	900	120	860		134TA6307	HYSTER
1	100	100	2170	40	2130		134TA6064	KALMAR
1	100	105	190	115	115		105TA7116	HYSTER
1	100	105	345	120	280		134TA6293	SVE TRUCK
1	101	101	375	180	200		105TA7309	HYSTER
1	101	101	685	110	650		105TA6946	HYSTER
1	102	102	1107	40	1050		139TA3966	KALMAR
1	102	102	2760	120	2720		124TA1068	COVENTRY CLIMAX
1	102	103	1982	140	1966		108TA4515	KALMAR
1	102	106	930	50	880		139TA4246	SVE TRUCK
1	102	114	200	116	125		118TA1704	KALMAR
1	102	124	515	80	503		110TA9616	COVENTRY CLIMAX
1	106	106	105	50	55		123TA6645	JUNGHEINRICH-STEINBOCK
1	110	115	780	40	730	660	134TA6326	KOMATSU
1	114	114	1875	35	1810		124TA1077	KALMAR
1	114	115	1185	100	1160		134TA6310	KALMAR
1	115	115	1595	160	1530		139TA3967	KALMAR
1	115	150	2020	20	1990		134TA5949	KALMAR
1	116	116	960	65	890		118TA1532	KALMAR
1	124	132	2220	620	1660		134TA6090	LINDE-LANSING
1	125	125	75	40	40		134TA6035	GENIE
2	25	26	160	42	18		124TA1044	OM PIMESPO
2	26	29	500	180	195		139TA3968	KALMAR
2	29	29	380	80	170		106TA7377	SMV KONECRANES
2	29	31	520	35	315		139TA4267	TENNANT
2	31	32	388	70	175		108TA4504	HYSTER
2	32	32	170	70	110		105TA7318	HYSTER
2	32	32	178	80	90		118TA1531	CLARK-SAMSUNG
2	32	32	278	70	98		118TA1589	CLARK-SAMSUNG
2	32	32	305	60	125		105TA7084	HYSTER
2	32	32	390	95	100		105TA7064	YALE
2	32	34	220	70	130		105TA6955	HYSTER
2	32	34	460	70	120		105TA7164	HYSTER
2	32	34	475	90	260		124TA2859	HYSTER
2	32	36	315	85	110		105TA7053	HYSTER
2	32	39	236	40	55		134TA6311	HYSTER
2	32	45	124	40	45		110TA9624	TCM
2	33	38	265	45	110		134TA5727	YALE
2	34	37	270	95	120		139TA4109	OM PIMESPO
2	35	35	210	50	60		139TA3890	HYSTER
2	35	35	245	63	67		134TA6348	GENIE
2	35	35	253	55	80		108TA4483	HYSTER

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
2	35	38	170	80	85		105TA6914	YALE
2	35	38	215	65	100		123TA6747	YALE
2	35	38	240	85	95		106TA7353	YALE
2	35	38	310	75	175		106TA7378	YALE
2	35	38	333	80	175		108TA4489	HYSTER
2	35	38	400	60	75		134TA6346	CLARK-SAMSUNG
2	35	38	515	100	130		108TA4409	YALE
2	35	38	537	122	470		108TA4401	NISSAN
2	35	38	542	115	210		123TA6748	YALE
2	35	38	570	115	145		106TA7361	YALE
2	35	38	645	115	160		118TA1561	YALE
2	35	39	650	105	170		123TA6749	YALE
2	35	40	285	80	95		134TA5862	YALE
2	35	40	375	105	130		134TA5939	NISSAN
2	36	36	150	35	45		134TA6152	OM PIMESPO
2	36	38	250	35	90		123TA6703	NISSAN
2	37	37	557	165	190		139TA4211	STILL
2	37	38	430	50	115	240	134TA6101	MITSUBISHI-CATERPILLAR
2	37	42	545	110	320		105TA6961	TCM
2	38	38	130	30	35		105TA7303	CLARK-SAMSUNG
2	38	38	196	90	90		139TA3891	HYSTER
2	38	38	200	45	80		105TA7257	HYSTER
2	38	38	230	55	70		105TA7004	HYSTER
2	38	38	240	68	85		118TA1660	YALE
2	38	38	250	105	115		105TA7365	CLARK-SAMSUNG
2	38	38	260	65	190		139TA4305	YALE
2	38	38	265	35	110		105TA6890	MITSUBISHI-CATERPILLAR
2	38	38	270	45	135		134TA5807	TCM
2	38	38	270	60	110		123TA6582	MITSUBISHI-CATERPILLAR
2	38	38	315	65	100		105TA7052	HYSTER
2	38	38	330	35	150		105TA7044	CLARK-SAMSUNG
2	38	38	335	100	195		139TA4272	TOYOTA
2	38	38	345	60	175		105TA6923	YALE
2	38	38	385	90	110		118TA1557	YALE
2	38	38	385	95	115		139TA4306	YALE
2	38	38	395	85	200		134TA5744	NISSAN
2	38	38	397	50	105		134TA5769	BOBCAT
2	38	38	470	75	255		108TA4421	KOMATSU
2	38	38	480	100	230		139TA3894	HYSTER
2	38	38	580	180	230		105TA7082	MITSUBISHI-CATERPILLAR
2	38	38	665	100	190		124TA2072	KOMATSU
2	38	38	1130	25	170		124TA7622	HYSTER
2	38	40	245	75	95		134TA6110	CLARK-SAMSUNG
2	38	40	440	90	150		134TA6221	CLARK-SAMSUNG
2	38	41	265	85	155		105TA7398	TOYOTA
2	38	41	495	105	230		134TA6150	TOYOTA
2	38	41	1150	30	230		139TA4307	YALE
2	38	42	245	110	155		105TA7128	NISSAN
2	38	42	265	85	130		105TA6940	TCM
2	38	42	365	115	185		139TA4087	NISSAN
2	38	42	405	110	320		139TA4308	YALE
2	38	42	405	130	245		124TA1064	TCM
2	38	42	545	65	370		105TA7281	MITSUBISHI-CATERPILLAR
2	38	42	1105	10	220		139TA3897	HYSTER
2	38	42	1115	20	160		139TA3898	HYSTER
2	38	43	215	50	55	120	105TA7306	TOYOTA
2	38	43	350	95	100		139TA4273	TOYOTA
2	38	43	410	150	360	150	139TA4110	OM PIMESPO

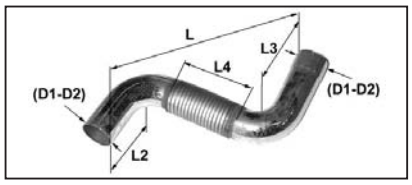


Complete range

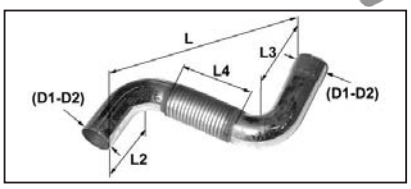
Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
2	38	43	420	70	175	166	139TA4042	MITSUBISHI-CATERPILLAR
2	38	43	440	50	120	210	134TA6169	NISSAN
2	38	44	140	40	40		139TA4309	YALE
2	38	44	1110	35	220		134TA6345	YALE
2	38	44	1120	20	130		139TA3900	HYSTER
2	38	44	1180	30	255		134TA5881	YALE
2	38	47	530	105	300	135	134TA5709	HELI
2	38	47	540	105	315		134TA5687	TCM
2	38	47	545	105	335		139TA4256	TCM
2	38	47	580	35	65		134TA6264	CLARK-SAMSUNG
2	38	48	380	70	110	160	123TA6750	YALE
2	38	49	400	60	90		134TA5730	KOMATSU
2	38	50	354	85	160		123TA6593	CLARK-SAMSUNG
2	38	50	400	90	205		124TA2884	CLARK-SAMSUNG
2	38	50	1160	20	240		139TA4310	YALE
2	38	51	420	100	185		134TA6172	YALE
2	38	55	190	40	90		105TA7065	MITSUBISHI-CATERPILLAR
2	38	55	300	65	115		124TA5153	MITSUBISHI-CATERPILLAR
2	38	55	315	65	135		105TA6877	MITSUBISHI-CATERPILLAR
2	38	62	337	78	174		123TA6622	HYSTER
2	39	38	390	35	240		139TA3863	GENIE
2	39	39	1145	15	160		105TA7171	HYSTER
2	39	39	1260	15	400		105TA7170	HYSTER
2	39	41	250	80	150		134TA5997	NISSAN
2	39	42	380	65	255	155	134TA5827	TOYOTA
2	39	54	180	46	77		118TA1631	MITSUBISHI-CATERPILLAR
2	40	40	220	70	135		105TA7371	KOMATSU
2	40	40	460	87	280		134TA6122	OM PIMESPO
2	40	41	425	255	265		105TA7162	NISSAN
2	40	41	500	140	285		105TA7327	OM PIMESPO
2	40	42	225	90	110		134TA6272	STILL
2	40	43	200	40	95		106TA5018	TCM
2	40	43	375	55	90		123TA6728	TOYOTA
2	40	45	535	85	130		134TA6034	TCM
2	40	45	540	250	280		134TA5963	NISSAN
2	40	45	570	80	275		139TA3866	HANGZHOU / HC / HANGCHA
2	40	45	575	85	290		134TA6167	HANGZHOU / HC / HANGCHA
2	40	60	1355	110	430		139TA4212	STILL
2	41	41	198	25	150		111TA1917	COVENTRY CLIMAX
2	41	41	260	65	120	130	105TA6892	MITSUBISHI-CATERPILLAR
2	41	41	280	100	140		118TA1677	HYSTER
2	41	44	385	60	70	160	134TA6218	LINDE-LANSING
2	41	45	208	65	75		108TA4454	MITSUBISHI-CATERPILLAR
2	41	45	330	125	155		139TA4257	TCM
2	41	45	465	80	85	160	134TA5740	TENNANT
2	41	45	515	30	350	155	134TA6351	MOFFETT
2	41	46	200	75	215		139TA3848	CLARK-SAMSUNG
2	41	48	420	80	85	140	139TA4111	OM PIMESPO
2	41	50	500	100	285		108TA4539	MANITOU
2	41	58	1230	40	250		139TA4213	STILL
2	42	38	515	115	270		139TA3867	HANGZHOU / HC / HANGCHA
2	42	42	222	65	100		108TA4500	KOMATSU
2	42	42	235	30	135		134TA6021	MOFFETT
2	42	42	252	25	80		134TA5641	MOFFETT
2	42	42	252	80	130		108TA4552	TOYOTA
2	42	42	290	50	50		124TA2861	PATRIA
2	42	42	300	52	60		124TA2862	PATRIA
2	42	42	315	60	70	110	123TA6631	HYUNDAI

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
2	42	42	325	75	170	75	139TA3926	HYUNDAI
2	42	42	350	105	255		105TA6982	NISSAN
2	42	42	460	65	380		105TA7345	COVENTRY CLIMAX
2	42	42	515	150	205		105TA6878	NISSAN
2	42	42	540	100	290		108TA4503	TCM
2	42	42	570	85	270		134TA6193	HANGZHOU / HC / HANGCHA
2	42	42	615	65	360		139TA4043	MITSUBISHI-CATERPILLAR
2	42	42	625	165	260	180	139TA4274	TOYOTA
2	42	42	1510	70	260		139TA4214	STILL
2	42	43	422	110	270		108TA4441	TOYOTA
2	42	43	563	120	340	290	118TA1538	HYUNDAI
2	42	44	424	60	250		124TA1041	NISSAN
2	42	44	565	70	520		105TA7241	MITSUBISHI-CATERPILLAR
2	42	45	310	63	200		134TA5667	KOMATSU
2	42	45	355	35	240	165	124TA1045	STILL
2	42	45	370	80	95		105TA6969	TENNANT
2	42	45	370	120	280	140	134TA6277	SALEV
2	42	45	390	50	300		134TA6364	JUNGHEINRICH-STEINBOCK
2	42	45	1440	80	110	840	134TA5558	STILL
2	42	46	203	66	80		108TA4384	KOMATSU
2	42	46	416	90	225		134TA5735	NISSAN
2	42	46	425	160	210		124TA1081	NISSAN
2	42	46	495	125	255		124TA2863	NISSAN
2	42	46	542	130	250		134TA5739	NISSAN
2	42	47	365	80	230	95	123TA6632	HYUNDAI
2	42	47	370	60	70	210	139TA4112	OM PIMESPO
2	42	48	378	125	125		108TA4548	TOYOTA
2	42	49	320	80	125		134TA6199	TOYOTA
2	42	49	365	90	210		134TA6198	TOYOTA
2	42	51	375	225	290		139TA4311	YALE
2	42	54	315	65	90	145	139TA4215	STILL
2	42	55	310	75	80	145	139TA4216	STILL
2	42	55	690	60	330		134TA5797	MANITOU
2	42	56	290	85	100		134TA5799	MANITOU
2	42	60	117	52	90		108TA4538	MANITOU
2	42	63	680	45	288	220	118TA1602	MANITOU
2	42	66	910	50	120		108TA8273	TOYOTA
2	43	43	220	50	65		105TA7112	TOYOTA
2	43	43	220	80	140		105TA7350	TCM
2	43	43	275	75	105		139TA4258	TCM
2	43	43	297	40	90	160	124TA2088	TOYOTA
2	43	43	310	70	110		105TA7391	KOMATSU
2	43	43	327	55	240		139TA4113	OM PIMESPO
2	43	43	335	80	145	75	134TA6115	HYUNDAI
2	43	43	415	105	195		105TA7390	MITSUBISHI-CATERPILLAR
2	43	43	420	45	80		124TA2084	TOYOTA
2	43	43	425	110	200		105TA7097	MITSUBISHI-CATERPILLAR
2	43	43	435	65	210		134TA5833	NISSAN
2	43	43	472	70	220		139TA4044	MITSUBISHI-CATERPILLAR
2	43	44	260	70	300	195	134TA6313	TCM
2	43	44	280	70	85		118TA1508	KOMATSU
2	43	44	460	53	120	195	108TA4549	TOYOTA
2	43	45	400	15	230		139TA3979	KOMATSU
2	43	46	250	60	200		134TA5924	KOMATSU
2	43	47	255	65	85		139TA4114	OM PIMESPO
2	43	47	404	115	125		108TA4547	TOYOTA
2	43	47	475	100	155	175	139TA4115	OM PIMESPO
2	43	48	280	80	85		134TA5845	KOMATSU

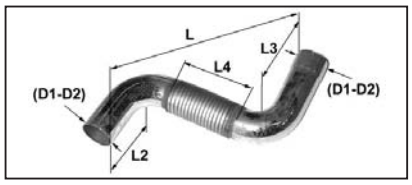


Complete range

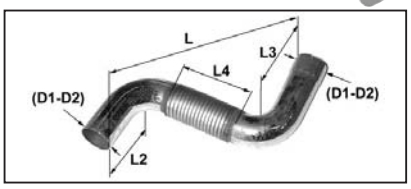
Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
2	43	48	340	70	170	95	134TA6321	SALEV
2	43	50	355	50	95	185	106TA5017	CLARK-SAMSUNG
2	43	51	300	60	100	135	105TA7347	KOMATSU
2	43	51	560	60	420		134TA6055	MOFFETT
2	43	61	352	25	82		118TA1603	MANITOU
2	44	44	230	35	100		124TA1032	NISSAN
2	44	44	240	50	75		139TA3933	JCB
2	44	44	340	30	40	210	139TA3812	BOBCAT
2	44	44	485	60	60	285	134TA5786	CLARK-SAMSUNG
2	44	45	220	40	60		105TA7362	HYSTER
2	44	45	340	65	115		105TA7085	OM PIMESPO
2	44	45	545	50	200	110	139TA4045	MITSUBISHI-CATERPILLAR
2	44	46	350	50	120		105TA7292	LINDE-LANSING
2	44	46	390	150	180	240	134TA6229	OM PIMESPO
2	44	48	275	90	100		134TA6319	CLARK-SAMSUNG
2	44	48	467	160	240		139TA4088	NISSAN
2	44	49	240	20	195		105TA7369	CLARK-SAMSUNG
2	44	51	90	22	45		118TA1477	LINDE-LANSING
2	44	51	500	70	125		139TA4116	OM PIMESPO
2	44	58	825	40	745	390	139TA4117	OM PIMESPO
2	44	75	245	70	135		105TA7379	CLARK-SAMSUNG
2	45	45	89	30	45		105TA7343	HYSTER
2	45	45	135	105	130		118TA1692	COVENTRY CLIMAX
2	45	45	165	70	125		105TA6994	LINDE-LANSING
2	45	45	220	50	70		105TA7385	LINDE-LANSING
2	45	45	265	75	75		139TA4259	TCM
2	45	45	290	60	85		134TA6133	COVENTRY CLIMAX
2	45	45	295	30	80		105TA7411	CLARK-SAMSUNG
2	45	45	300	65	85		105TA7351	LINDE-LANSING
2	45	45	330	90	280	145	139TA4046	MITSUBISHI-CATERPILLAR
2	45	45	352	110	115		134TA6127	HYSTER
2	45	45	360	60	110		134TA6161	JCB
2	45	45	360	60	185		139TA3813	BOBCAT
2	45	45	365	30	198		118TA1665	KOMATSU
2	45	45	370	10	110	150	134TA6092	TOYOTA
2	45	45	415	110	120		118TA1452	LINDE-LANSING
2	45	45	448	100	105		108TA4451	COVENTRY CLIMAX
2	45	45	470	55	130		134TA5707	JCB
2	45	45	555	95	370	200	139TA4047	MITSUBISHI-CATERPILLAR
2	45	45	560	95	345	230	139TA4048	MITSUBISHI-CATERPILLAR
2	45	45	615	70	275	125	134TA5926	JUNGHEINRICH-STEINBOCK
2	45	45	1025	20	110		105TA7181	HYSTER
2	45	45	1160	50	145		124TA7623	HYSTER
2	45	47	335	130	235		134TA5594	KOMATSU
2	45	47	475	125	305	130	139TA4049	MITSUBISHI-CATERPILLAR
2	45	48	375	30	250	50	139TA4010	MANITOU
2	45	48	400	80	450		105TA7039	FENWICK & PEG
2	45	48	450	70	175	52	139TA4050	MITSUBISHI-CATERPILLAR
2	45	48	650	140	250		139TA3934	JCB
2	45	49	215	55	60		123TA6583	MITSUBISHI-CATERPILLAR
2	45	49	218	50	60		124TA2097	MITSUBISHI-CATERPILLAR
2	45	50	532	130	495		139TA4011	MANITOU
2	45	50	800	120	265	110	139TA4118	OM PIMESPO
2	45	51	295	95	105		124TA1046	CLARK-SAMSUNG
2	45	51	400	184	330		139TA4312	YALE
2	45	54	1010	90	105	75	139TA4119	OM PIMESPO
2	45	56	560	160	230		139TA4089	NISSAN
2	45	67	65	35	50		134TA5978	HYSTER

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
2	46	46	370	55	95		118TA1450	LINDE-LANSING
2	46	46	375	95	100		118TA1398	LINDE-LANSING
2	46	46	400	140	175	225	134TA5923	KOMATSU
2	46	50	310	60	360	140	134TA6255	AUSA
2	46	50	417	110	180		118TA1521	MANITOU
2	47	47	420	150	225		110TA9674	NISSAN
2	47	47	467	145	230		108TA4407	NISSAN
2	47	49	280	70	110		134TA6240	TOYOTA
2	47	49	405	60	260		134TA6170	HYSTER
2	47	49	780	80	610	140	123TA6752	YALE
2	47	50	220	30	120		134TA6214	MANITOU
2	47	50	440	90	250		139TA4120	OM PIMESPO
2	47	52	236	65	95		108TA4465	TOYOTA
2	47	55	260	95	145		139TA4188	SANDERSON
2	47	56	955	10	135		134TA5733	LINDE-LANSING
2	47	57	535	120	145		118TA1667	TCM
2	48	48	190	105	125		124TA7251	YALE
2	48	48	320	50	55		134TA6154	CLARK-SAMSUNG
2	48	48	325	55	65		106TA6314	CLARK-SAMSUNG
2	48	48	385	75	220		105TA7382	CLARK-SAMSUNG
2	48	48	425	75	80		105TA7079	HYSTER
2	48	48	495	85	150		105TA7314	LINDE-LANSING
2	48	48	510	120	180		134TA6056	MANITOU
2	48	48	570	140	310		134TA6040	GENIE
2	48	48	955	220	555		118TA1440	LINDE-LANSING
2	48	49	215	20	65		105TA7395	FENWICK & PEG
2	48	49	526	70	415		134TA6094	LINDE-LANSING
2	48	50	320	35	150	85	134TA6058	STILL
2	48	50	1000	40	125		108TA4380	HYSTER
2	48	51	265	62	130	80	134TA6059	STILL
2	48	51	320	30	60	180	123TA6595	CLARK-SAMSUNG
2	48	51	368	110	135		110TA8587	CLARK-SAMSUNG
2	48	51	745	190	600		134TA5819	JLG
2	48	52	315	45	60		134TA6134	JUNGHEINRICH-STEINBOCK
2	48	52	375	85	120		105TA7312	CLARK-SAMSUNG
2	48	52	420	20	120		105TA7029	LINDE-LANSING
2	48	54	315	25	325	120	134TA6097	AUSA
2	48	54	575	185	370	100	105TA7277	TOYOTA
2	48	55	385	185	190	105	105TA7378	TOYOTA
2	48	55	585	155	380	115	108TA4467	TOYOTA
2	48	57	453	165	245		124TA2081	TOYOTA
2	48	65	380	85	135		108TA8270	JUNGHEINRICH-STEINBOCK
2	49	49	470	125	235	130	134TA6066	TCM
2	49	49	570	85	150		138TA7343	HAULOTTE
2	49	50	455	100	110		118TA1403	LINDE-LANSING
2	49	51	275	55	150		105TA7310	CLARK-SAMSUNG
2	49	51	345	55	100		134TA5870	CLARK-SAMSUNG
2	49	51	375	105	120		105TA7443	YALE
2	49	51	420	150	255		105TA7229	KOMATSU
2	49	51	655	55	395	290	134TA6000	OM PIMESPO
2	49	53	555	160	220	85	134TA6060	YALE
2	49	54	400	210	265		105TA7421	TOYOTA
2	49	56	260	35	50		134TA6258	OM PIMESPO
2	50	48	260	35	95		134TA6077	MOFFETT
2	50	50	220	60	115		105TA7383	CLARK-SAMSUNG
2	50	50	230	55	120		139TA4217	STILL
2	50	50	250	75	90		105TA6981	MITSUBISHI-CATERPILLAR
2	50	50	265	55	90		105TA7294	HYSTER

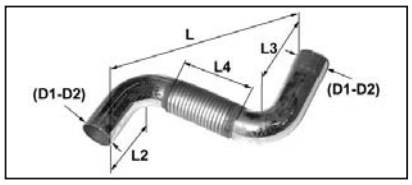


Complete range

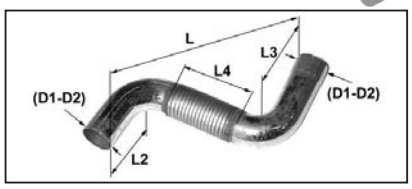
Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
2	50	50	290	85	140		110TA9623	HYSTER
2	50	50	300	30	85		118TA1408	LINDE-LANSING
2	50	50	315	95	110		105TA7311	HYSTER
2	50	50	340	20	100		139TA3905	HYSTER
2	50	50	345	80	80	210	139TA3814	BOBCAT
2	50	50	360	80	210		118TA1620	CLARK-SAMSUNG
2	50	50	390	80	290		134TA5782	OM PIMESPO
2	50	50	395	25	315	175	134TA5928	MITSUBISHI-CATERPILLAR
2	50	50	400	33	125	160	105TA7066	MITSUBISHI-CATERPILLAR
2	50	50	410	60	270		134TA5951	YALE
2	50	50	440	85	120		134TA5784	LINDE-LANSING
2	50	50	445	65	95	280	105TA7006	MITSUBISHI-CATERPILLAR
2	50	50	478	134	200		110TA9622	HYSTER
2	50	50	960	40	75	830	134TA5818	SALEV
2	50	51	320	35	80		134TA6145	OM PIMESPO
2	50	51	500	100	410	130	108TA4438	STILL
2	50	51	520	70	465	340	134TA6093	COVENTRY CLIMAX
2	50	51	595	70	400	285	139TA4121	OM PIMESPO
2	50	51	1085	60	325		118TA1627	CLARK-SAMSUNG
2	50	51	1130	45	70		105TA7319	MITSUBISHI-CATERPILLAR
2	50	52	265	42	242		108TA8888	HYSTER
2	50	53	240	110	150		118TA1611	CLARK-SAMSUNG
2	50	54	260	85	90		124TA5156	LINDE-LANSING
2	50	54	267	50	155		134TA6045	YALE
2	50	54	308	70	105		123TA6596	CLARK-SAMSUNG
2	50	54	765	140	195	340	123TA6612	COVENTRY CLIMAX
2	50	55	230	115	180		105TA7376	CLARK-SAMSUNG
2	50	55	240	70	105		105TA7101	MITSUBISHI-CATERPILLAR
2	50	55	290	90	115		118TA1567	CLARK-SAMSUNG
2	50	55	370	95	180	110	139TA4218	STILL
2	50	55	390	65	110		123TA6597	CLARK-SAMSUNG
2	50	55	480	50	415	210	134TA5753	OM PIMESPO
2	50	55	730	50	95		134TA6317	KOMATSU
2	50	55	795	130	195		105TA7035	MITSUBISHI-CATERPILLAR
2	50	55	990	30	540		139TA3935	JCB
2	50	55	1015	20	110		134TA6202	HYSTER
2	50	56	403	40	200		105TA6931	HYSTER
2	50	60	640	175	345	245	134TA5751	BALKANCAR
2	50	60	885	90	700	125	124TA5152	YALE
2	50	61	644	155	230		108TA4377	CLARK-SAMSUNG
2	50	82	1065	25	130		105TA6926	HYSTER
2	51	51	187	30	110		123TA6704	NISSAN
2	51	51	250	80	140		105TA7179	HYSTER
2	51	51	280	25	220		139TA3906	HYSTER
2	51	51	325	165	240		105TA7399	TOYOTA
2	51	51	340	100	210		105TA7353	YALE
2	51	51	350	65	170		134TA5966	JCB
2	51	51	370	202	220		134TA5938	HYSTER
2	51	51	380	240	400	210	123TA6585	MITSUBISHI-CATERPILLAR
2	51	51	420	245	405	210	123TA6586	MITSUBISHI-CATERPILLAR
2	51	51	428	75	240		139TA4219	STILL
2	51	51	430	110	170		105TA6960	CLARK-SAMSUNG
2	51	51	460	145	210		118TA1492	CLARK-SAMSUNG
2	51	51	465	35	275	250	105TA7214	CLARK-SAMSUNG
2	51	51	470	50	130	230	118TA1662	MITSUBISHI-CATERPILLAR
2	51	51	500	100	105		118TA1616	MITSUBISHI-CATERPILLAR
2	51	51	585	55	153		134TA6330	LINDE-LANSING
2	51	51	600	40	350	230	123TA6577	BALKANCAR

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
2	51	51	645	55	400	285	124TA1054	OM PIMESPO
2	51	51	790	370	495		134TA6190	CLARK-SAMSUNG
2	51	51	1190	60	225		118TA1639	CLARK-SAMSUNG
2	51	51	1220	65	225		124TA2071	CLARK-SAMSUNG
2	51	52	375	25	45	170	105TA7129	MITSUBISHI-CATERPILLAR
2	51	52	765	125	280		105TA7166	TOYOTA
2	51	53	590	60	405	200	134TA5714	OM PIMESPO
2	51	54	65	41	46		123TA6587	MITSUBISHI-CATERPILLAR
2	51	54	225	52	136		108TA8280	CLARK-SAMSUNG
2	51	54	500	90	115	150	139TA4220	STILL
2	51	54	515	280	290		124TA2094	YALE
2	51	54	540	140	460		134TA6249	MITSUBISHI-CATERPILLAR
2	51	54	602	190	210		106TA5024	TOYOTA
2	51	54	680	138	145		118TA1572	CLARK-SAMSUNG
2	51	55	205	70	110		105TA7361	HYSTER
2	51	55	445	45	120		123TA6615	OM PIMESPO
2	51	55	455	75	93		123TA6598	CLARK-SAMSUNG
2	51	55	645	110	130		105TA7333	CLARK-SAMSUNG
2	51	55	677	240	450		123TA6584	MITSUBISHI-CATERPILLAR
2	51	55	685	60	410	210	123TA6616	OM PIMESPO
2	51	55	840	200	505		118TA1554	CLARK-SAMSUNG
2	51	55	1170	22	260		118TA1691	YALE
2	51	56	790	145	315		139TA3849	CLARK-SAMSUNG
2	51	58	210	32	180		124TA2089	TOYOTA
2	51	58	306	32	282		124TA2083	TOYOTA
2	51	58	630	130	275		123TA6650	JUNGHEINRICH-STEINBOCK
2	51	60	305	35	80		118TA1419	LINDE-LANSING
2	51	62	410	46	210		124TA2100	CLARK-SAMSUNG
2	51	69	260	20	65		118TA1529	LINDE-LANSING
2	52	55	200	40	215		105TA7088	MITSUBISHI-CATERPILLAR
2	52	56	362	105	150		134TA6208	LINDE-LANSING
2	52	57	1090	65	140		124TA5146	NISSAN
2	53	55	480	50	200	255	139TA4221	STILL
2	53	70	490	170	190		106TA5032	TCM
2	54	54	300	65	330		134TA6124	TOYOTA
2	54	54	300	110	170		134TA6118	OM PIMESPO
2	54	54	375	135	145		105TA7364	LINDE-LANSING
2	54	54	405	85	300	170	118TA1608	CLARK-SAMSUNG
2	54	54	1250	180	200		124TA4496	CLARK-SAMSUNG
2	54	56	765	170	255		134TA5809	TCM
2	54	56	1170	20	60		124TA7629	MANITOU
2	54	57	580	130	230	170	139TA3874	HELI
2	54	57	815	155	360		106TA5028	TCM
2	54	58	645	87	225		118TA1651	NISSAN
2	54	60	475	95	100	150	134TA6067	MANITOU
2	54	60	500	135	175		105TA7325	LINDE-LANSING
2	54	60	1340	90	440		139TA4222	STILL
2	54	61	630	35	300	180	134TA6296	MERLO
2	54	62	730	130	190	155	134TA6157	MANITOU
2	54	70	475	155	165		111TA3677	TCM
2	54	76	350	45	125	220	139TA4122	OM PIMESPO
2	54	82	595	110	275		124TA7625	TCM
2	55	60	360	75	215		139TA4223	STILL
2	55	60	430	50	110	150	139TA4224	STILL
2	55	60	480	80	95		108TA4537	MANITOU
2	55	60	495	100	130		118TA1685	TOYOTA
2	55	65	545	130	200		134TA5829	TOYOTA
2	55	80	1038	150	268		108TA4392	NISSAN

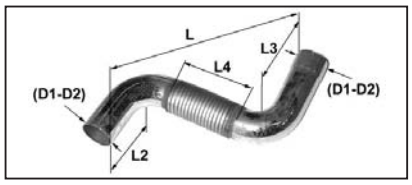


Complete range

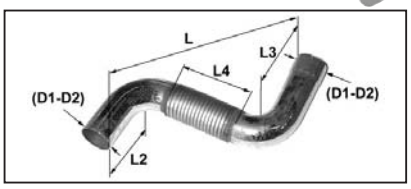
Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
2	56	60	370	65	70		134TA5933	MANITOU
2	56	65	933	110	650		118TA1642	MANITOU
2	57	57	220	80	120		139TA3850	CLARK-SAMSUNG
2	57	57	260	25	110		123TA6651	JUNGHEINRICH-STEINBOCK
2	57	57	290	80	120		123TA6720	TCM
2	57	57	310	25	100		123TA6652	JUNGHEINRICH-STEINBOCK
2	57	57	560	65	370		134TA6269	TCM
2	57	58	450	85	145	295	139TA3851	CLARK-SAMSUNG
2	57	61	430	130	240		105TA7295	TCM
2	57	61	480	154	320		118TA1526	TCM
2	57	63	400	110	115		105TA7163	CLARK-SAMSUNG
2	57	64	650	70	168	390	105TA6896	MITSUBISHI-CATERPILLAR
2	57	66	260	60	70		134TA6189	CLARK-SAMSUNG
2	57	70	475	190	230		139TA4260	TCM
2	58	58	808	60	636		124TA2086	TOYOTA
2	58	60	220	50	105		134TA6320	TCM
2	59	60	290	70	76		134TA5642	MITSUBISHI-CATERPILLAR
2	59	61	227	78	125		108TA8883	STILL
2	60	60	325	15	140		134TA6073	KALMAR
2	60	60	350	110	120	70	139TA4012	MANITOU
2	60	60	370	50	100	160	108TA4506	MANITOU
2	60	60	410	75	195		134TA5877	YALE
2	60	60	450	170	180		139TA4225	STILL
2	60	60	460	160	210		139TA4226	STILL
2	60	60	665	260	260		118TA1613	KALMAR
2	60	60	675	200	200	70	110TA8598	CLARK-SAMSUNG
2	60	60	730	140	180		123TA6729	TOYOTA
2	60	61	205	55	115		139TA4013	MANITOU
2	60	62	270	20	90	150	139TA4014	MANITOU
2	60	63	435	55	85	270	134TA6027	BAUMANN
2	60	64	450	245	165		134TA6003	LINDE-LANSING
2	60	65	295	35	75	130	134TA6052	MANITOU
2	61	61	320	80	105	180	105TA6950	TCM
2	61	61	490	50	150		105TA6906	TCM
2	61	64	790	170	610		124TA4495	TCM
2	61	66	310	45	50		123TA6705	NISSAN
2	62	62	345	95	220	140	139TA4313	YALE
2	62	63	405	105	270		105TA7377	CLARK-SAMSUNG
2	62	64	775	60	90		139TA3852	CLARK-SAMSUNG
2	62	64	1200	50	230		123TA6599	CLARK-SAMSUNG
2	62	66	895	100	155		105TA7334	TOYOTA
2	62	76	230	110	145		105TA6901	HYSTER
2	62	89	295	40	80		134TA6295	SVE TRUCK
2	63	63	110	55	25		134TA6051	LINDE-LANSING
2	63	63	230	80	85		134TA6132	HYSTER
2	63	63	310	45	70	185	134TA6008	CLARK-SAMSUNG
2	63	63	320	60	140		134TA6173	GENIE
2	63	63	460	70	170		123TA6673	KOMATSU
2	63	63	1050	90	800		124TA7628	CLARK-SAMSUNG
2	63	63	1300	20	140		134TA5973	HYUNDAI
2	63	64	157	71	81		108TA4402	JUNGHEINRICH-STEINBOCK
2	63	64	305	90	150		134TA6165	SAMBRON
2	63	64	590	100	480	175	139TA3927	HYUNDAI
2	63	65	585	110	515	350	134TA6365	TOYOTA
2	63	65	660	80	475	330	105TA7275	TOYOTA
2	63	66	685	60	160	345	110TA9625	JUNGHEINRICH-STEINBOCK
2	63	67	700	60	165	465	108TA4422	KOMATSU
2	63	76	420	60	110		105TA7041	CLARK-SAMSUNG

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
2	64	64	405	50	245		123TA6706	NISSAN
2	64	64	412	55	185		123TA6600	CLARK-SAMSUNG
2	64	64	450	110	120	168	123TA6696	MANITOU
2	64	68	736	210	340		134TA5876	JCB
2	64	72	435	110	115	145	134TA6212	MANITOU
2	64	76	345	100	195		105TA7375	CLARK-SAMSUNG
2	65	65	310	70	135		134TA5866	JCB
2	65	65	550	110	150		134TA6271	DIECI
2	65	65	680	150	400		105TA7274	TOYOTA
2	65	65	810	75	540	200	134TA6002	MERLO
2	65	65	1495	50	145		123TA6623	HYSTER
2	65	67	1480	85	375	975	134TA6083	DIECI
2	65	88	570	55	170		134TA6315	TOYOTA
2	66	77	495	125	255		124TA2091	TOYOTA
2	69	74	1850	45	225		134TA5603	YALE
2	69	74	1860	80	250		139TA4314	YALE
2	70	73	575	210	225		123TA6753	YALE
2	70	74	1855	60	170		123TA6754	YALE
2	71	77	403	90	110		134TA6356	HYSTER
2	72	72	372	160	250		123TA6691	LINDE-LANSING
2	75	75	375	20	105		139TA3909	HYSTER
2	75	77	635	55	80		105TA7167	HYSTER
2	75	78	480	95	205		105TA7273	CLARK-SAMSUNG
2	75	80	484	120	135		139TA3995	LINDE-LANSING
2	75	80	1230	100	350		134TA5886	YALE
2	75	89	280	110	170		134TA6206	KALMAR
2	75	89	280	120	180		134TA6147	KALMAR
2	76	76	305	40	120		105TA7140	MITSUBISHI-CATERPILLAR
2	76	76	385	95	120		105TA7313	CLARK-SAMSUNG
2	76	76	530	80	420		105TA7282	HYSTER
2	76	76	660	90	580		105TA7209	HYSTER
2	76	76	730	260	410		139TA3949	JUNGHEINRICH-STEINBOCK
2	76	80	545	70	285		134TA6028	KALMAR
2	76	81	325	130	160		105TA7037	CLARK-SAMSUNG
2	76	81	500	125	185	160	105TA7276	CLARK-SAMSUNG
2	76	82	1360	115	260		139TA4270	TEREX
2	76	88	310	75	177		118TA1548	HYSTER
2	77	77	745	65	395		134TA5720	YALE
2	77	90	250	70	95		124TA1058	KALMAR
2	78	103	265	60	70		124TA1061	KALMAR
2	88	102	1830	160	950		139TA3969	KALMAR
2	89	89	240	60	70		134TA5867	KALMAR
2	89	89	250	100	100		134TA6011	KALMAR
2	89	95	325	70	210		134TA6282	KALMAR
2	90	95	430	80	120		134TA6182	KALMAR
2	91	101	600	35	320		134TA6215	SVE TRUCK
2	95	102	150	10	45		139TA3970	KALMAR
2	100	100	285	60	90		108TA4396	KALMAR
2	100	100	380	100	120		139TA3910	HYSTER
2	100	102	460	100	160		139TA3971	KALMAR
2	102	107	370	135	180		139TA3972	KALMAR
2	102	114	2310	125	865		104TA5983	KALMAR
2	102	116	1980	400	1650		139TA3973	KALMAR
2	103	103	610	210	320		134TA6276	KALMAR
2	115	121	866	140	650		134TA6192	KALMAR
2	127	127	240	60	100		139TA3911	HYSTER
3	30	30	300	20	65		134TA5984	LINDE-LANSING
3	30	50	240	20	55		134TA5985	LINDE-LANSING

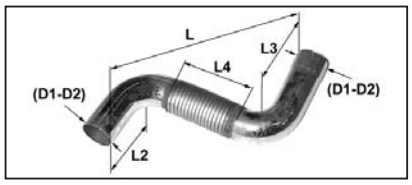


Complete range

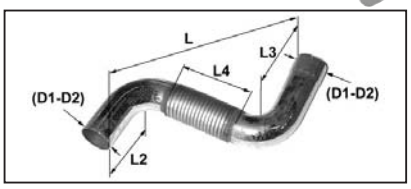
Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
3	32	32	680	45	105		105TA7338	CLARK-SAMSUNG
3	32	35	685	55	205		105TA7086	HYSTER
3	34	34	575	80	175		105TA6933	KOMATSU
3	34	35	240	10	43		139TA4051	MITSUBISHI-CATERPILLAR
3	34	35	400	80	290	110	139TA4123	OM PIMESPO
3	34	36	395	95	165	138	118TA1700	YALE
3	34	40	267	5	50		139TA4052	MITSUBISHI-CATERPILLAR
3	35	35	175	50	90		124TA1071	KOMATSU
3	35	35	345	30	130	155	105TA7405	HYSTER
3	35	35	412	80	110		108TA4471	YALE
3	35	35	480	30	50		118TA1599	NISSAN
3	35	35	605	100	120		105TA7122	YALE
3	35	38	195	65	65		139TA4315	YALE
3	35	38	345	105	110		134TA6159	YALE
3	35	38	428	85	135		139TA4316	YALE
3	35	38	455	80	90		108TA4414	HYSTER
3	35	40	420	60	90		134TA5864	HYSTER
3	35	40	485	70	80		134TA5901	YALE
3	35	48	580	70	113		139TA4053	MITSUBISHI-CATERPILLAR
3	36	38	485	70	80		105TA6908	YALE
3	36	42	354	60	105		134TA5732	MITSUBISHI-CATERPILLAR
3	36	42	750	45	140		139TA3868	HANGZHOU / HC / HANGCHA
3	37	37	368	65	120		123TA6674	KOMATSU
3	37	38	340	80	80		134TA6361	YALE
3	37	38	440	40	85		108TA4457	MITSUBISHI-CATERPILLAR
3	37	38	680	60	235	70	139TA4090	NISSAN
3	37	38	765	60	330	70	139TA4091	NISSAN
3	37	40	565	37	75	150	139TA4124	OM PIMESPO
3	37	42	350	60	100		139TA4054	MITSUBISHI-CATERPILLAR
3	38	38	310	47	104		123TA6588	MITSUBISHI-CATERPILLAR
3	38	38	310	60	70		134TA5803	HYSTER
3	38	38	313	50	82		108TA4512	MITSUBISHI-CATERPILLAR
3	38	38	320	50	100		105TA7423	MITSUBISHI-CATERPILLAR
3	38	38	330	70	100		105TA7388	MITSUBISHI-CATERPILLAR
3	38	38	380	85	155		105TA7096	NISSAN
3	38	38	415	75	115		110TA8605	YALE
3	38	38	450	100	105		108TA4534	YALE
3	38	38	465	75	90		134TA5844	HYSTER
3	38	38	475	70	70		134TA5817	HYSTER
3	38	38	480	55	105		105TA7132	YALE
3	38	38	485	85	215		124TA1084	CLARK-SAMSUNG
3	38	38	495	145	200		105TA7283	CLARK-SAMSUNG
3	38	38	503	70	200		108TA4453	CLARK-SAMSUNG
3	38	38	520	60	195		134TA5974	HYSTER
3	38	38	520	75	195		123TA6755	YALE
3	38	38	590	140	300		134TA5929	TCM
3	38	38	650	70	120		108TA4459	YALE
3	38	38	1100	55	115		124TA1117	CLARK-SAMSUNG
3	38	38	1160	20	140		105TA7202	NISSAN
3	38	38	1180	45	185		124TA5157	CLARK-SAMSUNG
3	38	38	1235	75	180		134TA5823	CLARK-SAMSUNG
3	38	39	370	50	100		105TA7013	MITSUBISHI-CATERPILLAR
3	38	39	427	30	75		118TA1506	TOYOTA
3	38	39	1185	65	118		118TA1644	CLARK-SAMSUNG
3	38	40	540	85	290		105TA7296	TOYOTA
3	38	42	305	75	85		134TA6335	MITSUBISHI-CATERPILLAR
3	38	42	330	75	80		105TA7034	NISSAN
3	38	42	390	85	105	140	139TA4125	OM PIMESPO

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
3	38	42	390	110	120		134TA6286	MITSUBISHI-CATERPILLAR
3	38	42	438	100	125		134TA6238	MITSUBISHI-CATERPILLAR
3	38	42	460	70	75		123TA6756	YALE
3	38	42	463	65	120		118TA1523	HYSTER
3	38	42	465	125	125		124TA5145	TCM
3	38	42	545	60	240		105TA7093	TCM
3	38	42	550	110	175		134TA5897	NISSAN
3	38	42	625	175	255		105TA7331	LINDE-LANSING
3	38	42	730	80	150		105TA6928	NISSAN
3	38	43	375	60	285	215	105TA7372	TOYOTA
3	38	43	455	65	135		105TA7304	TOYOTA
3	38	43	470	60	135		105TA7380	TOYOTA
3	38	43	535	85	190		123TA6730	TOYOTA
3	38	43	680	60	145	155	105TA7095	TOYOTA
3	38	44	427	46	110		124TA2085	TOYOTA
3	38	45	575	80	240	140	139TA4056	MITSUBISHI-CATERPILLAR
3	38	47	470	70	90	130	139TA4126	OM PIMESPO
3	38	48	440	180	220		139TA4317	YALE
3	38	49	380	105	120		123TA6731	TOYOTA
3	38	49	405	75	95		139TA4275	TOYOTA
3	38	75	1035	20	100		139TA4276	TOYOTA
3	39	39	405	95	185		134TA5574	JLG
3	39	39	470	60	140		134TA6308	CLARK-SAMSUNG
3	39	39	475	45	195		123TA6601	CLARK-SAMSUNG
3	39	41	340	85	210		139TA3854	CLARK-SAMSUNG
3	39	42	285	68	110		139TA4057	MITSUBISHI-CATERPILLAR
3	39	42	430	75	100		110TA8589	YALE
3	39	43	620	115	270	170	124TA5150	TOYOTA
3	39	45	340	60	85		139TA3913	HYSTER
3	39	55	450	60	80		123TA6602	CLARK-SAMSUNG
3	40	40	390	45	95		134TA5935	MITSUBISHI-CATERPILLAR
3	40	40	1230	40	850	180	104TA5969	DESTA
3	40	48	565	66	95		139TA4058	MITSUBISHI-CATERPILLAR
3	40	60	375	75	80		134TA5940	YALE
3	41	41	400	90	110		139TA3914	HYSTER
3	41	41	445	85	140		105TA7387	CLARK-SAMSUNG
3	41	41	530	85	115		139TA4186	PATRIA
3	41	42	410	185	240		134TA6068	TOYOTA
3	41	43	490	95	192	145	139TA4127	OM PIMESPO
3	41	44	505	45	240	140	139TA3952	JUNGHEINRICH-STEINBOCK
3	41	45	360	73	150	150	139TA4059	MITSUBISHI-CATERPILLAR
3	41	45	509	220	225		108TA4455	MITSUBISHI-CATERPILLAR
3	41	46	503	75	95		134TA5627	TENNANT
3	41	47	415	60	100		139TA4060	MITSUBISHI-CATERPILLAR
3	41	51	1440	30	465		134TA6046	TOYOTA
3	41	54	1083	45	705		123TA6613	COVENTRY CLIMAX
3	42	42	353	30	148		108TA8890	MITSUBISHI-CATERPILLAR
3	42	42	395	75	150	135	134TA6302	TAILIFT
3	42	42	400	95	105		139TA4128	OM PIMESPO
3	42	42	430	120	140		139TA4277	TOYOTA
3	42	42	480	155	230	85	124TA2077	YALE
3	42	42	520	160	260		134TA6239	NISSAN
3	42	42	535	160	215		105TA6879	NISSAN
3	42	42	555	140	320		105TA6959	TCM
3	42	42	560	145	320		105TA7080	NISSAN
3	42	42	692	85	115		106TA6245	TCM
3	42	42	695	52	120		139TA4227	STILL
3	42	42	750	75	120	150	139TA4278	TOYOTA

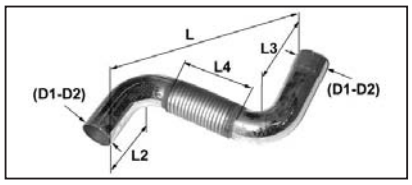


Complete range

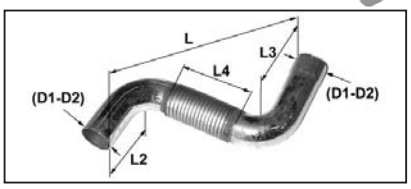
Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
3	42	42	775	90	160		106TA5019	NISSAN
3	42	43	395	40	125		110TA9718	TOYOTA
3	42	43	590	85	197		111TA3685	TOYOTA
3	42	43	635	75	200		105TA7001	TOYOTA
3	42	43	655	50	130		105TA7422	TCM
3	42	44	495	70	310	225	134TA5628	KOMATSU
3	42	44	500	50	260	210	134TA5859	JUNGHEINRICH-STEINBOCK
3	42	46	310	30	120	130	134TA6267	SALEV
3	42	46	358	45	50	178	139TA4129	OM PIMESPO
3	42	46	650	65	150		108TA4523	TCM
3	42	46	1617	70	85		139TA4228	STILL
3	42	47	440	45	95	175	139TA4130	OM PIMESPO
3	42	47	530	110	120		106TA5029	TCM
3	42	47	587	80	420	150	139TA4249	TAILIFT
3	42	47	1600	90	110		139TA4229	STILL
3	42	49	330	27	75		139TA4061	MITSUBISHI-CATERPILLAR
3	42	49	405	80	90		139TA4279	TOYOTA
3	42	50	435	50	95		134TA5868	MANITOU
3	42	51	530	15	150	140	123TA6578	BALKANCAR
3	42	57	420	135	45	130	139TA4321	YANG - YAM - PUMA
3	42	65	1280	20	395		124TA7248	TOYOTA
3	43	43	285	70	80		134TA5893	TCM
3	43	43	295	60	85		106TA6316	TOYOTA
3	43	43	325	45	80		105TA7346	TCM
3	43	43	336	85	145		110TA8609	TCM
3	43	43	390	45	165	80	105TA7193	YALE
3	43	43	418	30	90		124TA1083	TOYOTA
3	43	43	425	80	90	140	139TA4131	OM PIMESPO
3	43	43	445	55	145	120	124TA2866	HYUNDAI
3	43	43	525	80	110		139TA4062	MITSUBISHI-CATERPILLAR
3	43	43	640	95	205		105TA7148	TOYOTA
3	43	43	675	70	220		105TA7236	KOMATSU
3	43	44	380	30	80		108TA4495	TOYOTA
3	43	44	580	40	70	310	105TA6937	OM PIMESPO
3	43	45	335	25	250	165	106TA5021	MITSUBISHI-CATERPILLAR
3	43	45	500	75	85		118TA1598	CLARK-SAMSUNG
3	43	46	420	75	125	150	139TA4132	OM PIMESPO
3	43	46	560	95	185		105TA7109	TCM
3	43	46	568	130	160	230	105TA7414	KOMATSU
3	43	46	685	140	225		118TA1425	LINDE-LANSING
3	43	47	275	70	265		139TA4063	MITSUBISHI-CATERPILLAR
3	43	47	515	65	255	160	139TA4133	OM PIMESPO
3	43	47	555	15	115		123TA6635	HYUNDAI
3	43	47	580	100	125		134TA6168	TCM
3	43	48	385	120	120		123TA6732	TOYOTA
3	43	49	410	140	140		134TA5795	TOYOTA
3	43	65	980	55	100		105TA6689	TOYOTA
3	44	44	410	30	45	255	134TA6112	TCM
3	44	44	440	45	50	230	118TA1551	CLARK-SAMSUNG
3	44	44	475	85	380	190	108TA4417	KOMATSU
3	44	44	605	20	340	230	139TA3983	KOMATSU
3	44	44	620	50	330	230	139TA4064	MITSUBISHI-CATERPILLAR
3	44	44	773	146	150		118TA1533	HYSTER
3	44	45	310	35	40		134TA6086	CLARK-SAMSUNG
3	44	45	330	25	160		105TA7291	LINDE-LANSING
3	44	45	405	20	170	230	105TA7032	OM PIMESPO
3	44	47	594	72	90		124TA7618	HYSTER
3	44	49	380	33	50	240	134TA6247	OM PIMESPO

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
3	44	52	1190	30	90		111TA3676	HYSTER
3	45	45	100	60	520		105TA7218	NISSAN
3	45	45	500	50	100	150	105TA7081	TOYOTA
3	45	45	500	120	265		105TA7145	HYSTER
3	45	45	525	40	115	345	134TA6251	OM PIMESPO
3	45	45	590	45	275	135	139TA4065	MITSUBISHI-CATERPILLAR
3	45	45	640	75	295	125	139TA4066	MITSUBISHI-CATERPILLAR
3	45	45	670	15	65		139TA3873	HAULOTTE
3	45	45	1075	25	185		105TA7230	HYSTER
3	45	47	500	60	60		139TA3916	HYSTER
3	45	47	715	40	125		105TA7288	HYSTER
3	45	48	310	15	60		134TA5857	JUNGHEINRICH-STEINBOCK
3	45	48	310	40	45		118TA1520	CLARK-SAMSUNG
3	45	48	340	60	105		139TA4067	MITSUBISHI-CATERPILLAR
3	45	48	530	70	100		118TA1703	HYSTER
3	45	48	530	70	115		134TA6357	CLARK-SAMSUNG
3	45	48	705	150	205	115	134TA5770	YALE
3	45	50	330	55	70		139TA4134	OM PIMESPO
3	45	50	555	65	215		134TA6048	CLARK-SAMSUNG
3	45	51	600	255	450		139TA4135	OM PIMESPO
3	45	51	700	20	195	100	139TA4136	OM PIMESPO
3	45	52	722	25	250	160	139TA4137	OM PIMESPO
3	45	55	417	90	180		108TA8891	YALE
3	45	65	595	20	130		124TA2857	JUNGHEINRICH-STEINBOCK
3	46	46	440	40	150		134TA6125	OM PIMESPO
3	47	47	525	115	115		108TA4382	KOMATSU
3	47	47	1040	140	325		108TA8276	TOYOTA
3	47	48	510	90	100		139TA4068	MITSUBISHI-CATERPILLAR
3	47	49	530	55	95	135	134TA6339	OM PIMESPO
3	47	51	335	40	70		105TA6956	OM PIMESPO
3	47	51	725	100	180		105TA7169	TOYOTA
3	48	48	425	30	80		123TA6603	CLARK-SAMSUNG
3	48	48	440	125	175		118TA1432	LINDE-LANSING
3	48	48	650	25	200		134TA6162	GENIE
3	48	48	650	25	250		134TA6047	GENIE
3	48	49	450	45	95		105TA7149	CLARK-SAMSUNG
3	48	49	615	155	255		134TA5776	YALE
3	48	50	350	30	115		124TA7243	LINDE-LANSING
3	48	53	675	60	205		124TA1056	YALE
3	48	54	555	55	125	280	105TA7087	TOYOTA
3	48	59	565	30	155	100	110TA8600	CLARK-SAMSUNG
3	49	49	510	100	100	130	139TA4138	OM PIMESPO
3	49	51	225	60	100		139TA3997	LINDE-LANSING
3	49	53	315	20	50		134TA5970	LINDE-LANSING
3	49	55	435	70	70	150	139TA4230	STILL
3	50	48	240	60	130		139TA3998	LINDE-LANSING
3	50	50	228	60	85		118TA1583	LINDE-LANSING
3	50	50	235	55	95		134TA6085	LINDE-LANSING
3	50	50	235	60	135		134TA5764	LINDE-LANSING
3	50	50	265	55	125		139TA3999	LINDE-LANSING
3	50	50	283	25	120		139TA4000	LINDE-LANSING
3	50	50	345	50	100		139TA4001	LINDE-LANSING
3	50	50	360	25	105		134TA6227	LINDE-LANSING
3	50	50	360	75	100		134TA5734	MITSUBISHI-CATERPILLAR
3	50	50	375	20	120		134TA6016	GENIE
3	50	50	495	80	120		105TA7233	CLARK-SAMSUNG
3	50	50	550	90	100	165	106TA7350	MITSUBISHI-CATERPILLAR
3	50	50	575	35	140	125	134TA6081	HYUNDAI

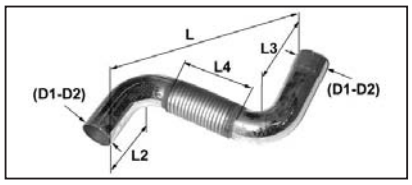


Complete range

Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
3	50	50	685	100	195	135	123TA6579	BALKANCAR
3	50	50	865	45	460		105TA7287	CLARK-SAMSUNG
3	50	51	470	60	135		139TA4318	YALE
3	50	51	560	105	230	275	108TA4519	MITSUBISHI-CATERPILLAR
3	50	51	572	45	200		123TA6604	CLARK-SAMSUNG
3	50	51	955	40	50		123TA6757	YALE
3	50	51	1130	40	70		105TA7175	CLARK-SAMSUNG
3	50	53	760	90	200	195	139TA4261	TCM
3	50	54	330	60	90		134TA6266	YALE
3	50	54	383	110	145		118TA1560	CLARK-SAMSUNG
3	50	54	420	50	185		105TA7444	YALE
3	50	54	490	90	120		134TA6015	CLARK-SAMSUNG
3	50	54	785	110	295		108TA4413	YALE
3	50	54	1005	100	690		134TA6014	CLARK-SAMSUNG
3	50	55	240	20	40		134TA5972	LINDE-LANSING
3	50	55	450	105	120		105TA6947	MITSUBISHI-CATERPILLAR
3	50	55	625	75	160		134TA5968	YALE
3	50	57	475	20	225	140	105TA6965	CLARK-SAMSUNG
3	50	57	580	45	80		139TA4231	STILL
3	50	59	440	45	230	70	139TA4232	STILL
3	50	64	405	80	175		105TA7094	CLARK-SAMSUNG
3	50	80	885	110	210	100	139TA4139	OM PIMESPO
3	51	51	275	30	55		105TA7404	CLARK-SAMSUNG
3	51	51	340	75	130		123TA6758	YALE
3	51	51	370	40	200		139TA4140	OM PIMESPO
3	51	51	375	75	165		124TA1073	YALE
3	51	51	450	90	100		105TA7246	CLARK-SAMSUNG
3	51	51	465	70	150		134TA6306	HYSTER
3	51	51	520	25	220		105TA7342	CLARK-SAMSUNG
3	51	51	535	170	175		105TA7110	HYSTER
3	51	51	565	50	105		105TA7190	HYSTER
3	51	51	595	70	110		123TA6605	CLARK-SAMSUNG
3	51	51	610	35	75	410	108TA4536	MITSUBISHI-CATERPILLAR
3	51	51	610	90	150		118TA1473	CLARK-SAMSUNG
3	51	51	640	135	155	125	134TA5976	TCM
3	51	51	655	115	215		105TA7203	MITSUBISHI-CATERPILLAR
3	51	51	705	110	125	115	139TA4141	OM PIMESPO
3	51	51	910	235	305		139TA3872	HARLAN
3	51	52	1100	50	320		134TA5947	CLARK-SAMSUNG
3	51	53	405	50	85		105TA7437	MITSUBISHI-CATERPILLAR
3	51	54	155	40	60		134TA5887	MITSUBISHI-CATERPILLAR
3	51	54	295	65	105		105TA7012	HYSTER
3	51	54	450	60	90		118TA1547	MITSUBISHI-CATERPILLAR
3	51	54	665	140	140		108TA8277	TOYOTA
3	51	54	883	110	125	110	139TA4142	OM PIMESPO
3	51	54	1220	265	950		124TA2080	LINDE-LANSING
3	51	55	370	50	90		105TA7269	MITSUBISHI-CATERPILLAR
3	51	55	425	155	190		118TA1594	CLARK-SAMSUNG
3	51	55	555	70	130		123TA6626	HYSTER
3	51	55	605	200	225		134TA5937	JCB
3	51	55	1005	110	255		134TA6331	LINDE-LANSING
3	51	59	450	45	230	75	139TA4233	STILL
3	51	63	475	20	100		123TA6606	CLARK-SAMSUNG
3	51	63	588	43	207		110TA8592	CLARK-SAMSUNG
3	53	53	910	70	125	150	123TA6721	TCM
3	53	54	470	125	215		105TA7243	NISSAN
3	53	66	545	130	320	170	134TA5682	MITSUBISHI-CATERPILLAR
3	54	54	1060	65	150		134TA6329	KALMAR

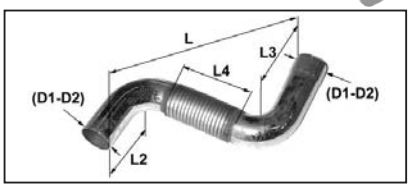
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
3	54	57	660	40	120		139TA3875	HELI
3	54	59	695	200	360		118TA1527	NISSAN
3	54	60	590	70	95	160	134TA5808	OM PIMESPO
3	54	60	1415	65	230		139TA4234	STILL
3	54	64	760	30	125	115	134TA5790	MANITOU
3	54	70	880	120	195	150	134TA6149	TCM
3	54	72	390	55	190	115	139TA4016	MANITOU
3	55	55	445	115	140		139TA4235	STILL
3	55	55	562	30	115		139TA4236	STILL
3	55	55	695	94	340		139TA4237	STILL
3	55	60	255	55	100		108TA4415	MANITOU
3	55	65	655	150	270		134TA5894	CLARK-SAMSUNG
3	55	67	645	140	270	145	118TA1605	CLARK-SAMSUNG
3	55	101	510	70	270		139TA3918	HYSTER
3	56	106	1365	615	990	490	123TA6657	JUNGHEINRICH-STEINBOCK
3	57	57	490	100	100		105TA7329	CLARK-SAMSUNG
3	57	59	800	90	110		105TA7349	HYSTER
3	57	60	620	70	195		139TA4069	MITSUBISHI-CATERPILLAR
3	57	61	792	85	290	140	139TA3954	JUNGHEINRICH-STEINBOCK
3	57	65	692	64	167	380	105TA6905	MITSUBISHI-CATERPILLAR
3	57	74	840	170	205		105TA7156	CLARK-SAMSUNG
3	58	58	587	66	70		110TA9610	HYSTER
3	58	62	450	25	75		134TA5849	KOMATSU
3	59	60	420	50	60	150	139TA3817	BOBCAT
3	59	65	865	145	190	255	134TA5633	MITSUBISHI-CATERPILLAR
3	60	60	500	70	75		139TA4238	STILL
3	60	60	684	300	430		124TA2082	TOYOTA
3	60	60	1040	90	265		134TA5708	TCM
3	60	60	1080	20	130		134TA6070	MANITOU
3	60	60	1265	70	490		139TA4017	MANITOU
3	60	60	1340	25	105		134TA5831	KALMAR
3	60	60	1770	30	120		139TA4018	MANITOU
3	60	61	820	150	180		105TA7425	TOYOTA
3	60	63	400	30	125		134TA6279	CLARK-SAMSUNG
3	60	64	815	60	245	160	139TA4019	MANITOU
3	60	65	235	120	180		134TA5946	TOYOTA
3	60	65	290	80	145		134TA5945	MANITOU
3	60	75	495	105	130	90	123TA6607	CLARK-SAMSUNG
3	60	79	1775	30	125		123TA6697	MANITOU
3	60	90	320	50	100		134TA5761	KALMAR
3	61	61	640	190	200	115	134TA6290	TCM
3	62	62	540	100	140		139TA4070	MITSUBISHI-CATERPILLAR
3	62	63	1362	30	110		118TA1619	CLARK-SAMSUNG
3	63	63	480	70	210		118TA1693	CLARK-SAMSUNG
3	63	63	485	45	270		105TA6963	CLARK-SAMSUNG
3	63	65	360	30	100		139TA4187	SAMBRON
3	63	77	450	35	160		105TA7323	CLARK-SAMSUNG
3	63	90	330	40	80		124TA2079	KALMAR
3	64	64	690	60	90	290	139TA3928	HYUNDAI
3	64	67	845	180	720	572	118TA1585	JUNGHEINRICH-STEINBOCK
3	64	68	605	195	230		134TA6102	JCB
3	64	69	350	50	105		118TA1453	LINDE-LANSING
3	64	72	350	200	250	160	124TA1082	MANITOU
3	64	72	410	180	245	145	134TA6160	MANITOU
3	64	72	520	100	245	140	123TA6698	MANITOU
3	64	75	710	115	275		105TA7413	HYSTER
3	64	76	1001	50	130		123TA6733	TOYOTA
3	65	64	588	130	200		139TA4071	MITSUBISHI-CATERPILLAR

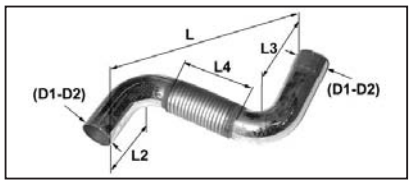
Complete range



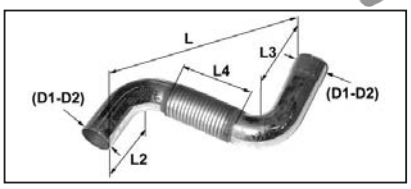
Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
3	65	65	490	30	80	115	134TA5810	MANITOU
3	65	66	675	93	215		134TA6203	TOYOTA
3	65	68	785	188	640	532	108TA8889	JUNGHEINRICH-STEINBOCK
3	65	70	885	75	150	155	139TA4020	MERLO
3	66	69	340	50	80		123TA6692	LINDE-LANSING
3	70	70	865	100	730	200	139TA4143	OM PIMESPO
3	73	73	1085	100	535		134TA6304	HYSTER
3	75	75	815	115	540		105TA6998	CLARK-SAMSUNG
3	75	80	982	142	155		134TA5724	CLARK-SAMSUNG
3	76	76	423	90	380		139TA4072	MITSUBISHI-CATERPILLAR
3	76	76	705	95	150		105TA6971	HYSTER
3	76	76	780	80	520		105TA7176	CLARK-SAMSUNG
3	76	76	1520	50	185		134TA6268	TCM
3	80	102	295	90	195		134TA6291	MITSUBISHI-CATERPILLAR
3	90	96	1870	250	390		139TA3974	KALMAR
3	90	127	950	120	260	210	134TA6013	LINDE-LANSING
3	100	100	465	57	80		118TA1593	HYSTER
4	30	30	485	55	80		134TA6322	HYUNDAI
4	32	32	440	50	195		123TA6722	TCM
4	32	32	580	65	115		105TA6900	HYSTER
4	32	32	640	80	125		105TA6922	HYSTER
4	33	33	1375	30	50		106TA5120	HYSTER
4	34	38	630	130	160	110	139TA4144	OM PIMESPO
4	34	43	575	15	105	155	139TA4145	OM PIMESPO
4	35	35	540	85	110		134TA6245	YALE
4	35	35	550	100	100		134TA5858	YALE
4	35	35	565	60	180		139TA4084	MOFFETT
4	35	35	580	100	130		134TA6031	YALE
4	35	35	605	100	135		124TA7631	YALE
4	35	35	605	105	140		106TA7370	YALE
4	35	35	650	100	140		139TA4319	YALE
4	35	35	679	35	80		106TA6249	YALE
4	35	35	705	100	130		105TA7259	YALE
4	35	42	280	65	125	150	139TA4146	OM PIMESPO
4	35	42	600	40	95	125	118TA1416	YALE
4	36	51	1555	50	80		134TA6103	CLARK-SAMSUNG
4	37	38	587	40	108		110TA8601	TCM
4	37	38	673	90	110		108TA4374	TCM
4	37	42	1028	40	175		108TA8274	TOYOTA
4	37	43	525	60	100		105TA6973	TOYOTA
4	38	38	460	30	125		105TA7126	YALE
4	38	38	460	30	155		105TA7227	YALE
4	38	38	470	90	100		134TA5921	CLARK-SAMSUNG
4	38	38	482	45	60		134TA6294	CLARK-SAMSUNG
4	38	38	505	30	160		106TA7360	YALE
4	38	38	560	95	115	150	134TA5626	MITSUBISHI-CATERPILLAR
4	38	38	670	90	105	140	134TA5704	HELI
4	38	38	675	100	245		139TA3957	JUNGHEINRICH-STEINBOCK
4	38	38	743	80	155	160	139TA4262	TCM
4	38	39	355	65	135		139TA4147	OM PIMESPO
4	38	39	450	85	210		105TA7255	CLARK-SAMSUNG
4	38	41	570	150	180		139TA4148	OM PIMESPO
4	38	41	595	70	170	145	139TA4149	OM PIMESPO
4	38	41	645	65	70		105TA7031	NISSAN
4	38	41	785	120	140		134TA5988	NISSAN
4	38	41	830	90	250		139TA4092	NISSAN
4	38	42	755	133	160		105TA6880	NISSAN
4	38	43	500	70	235		105TA7446	TCM

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
4	38	43	670	52	237		108TA4532	TOYOTA
4	38	45	430	60	60		105TA7216	OM PIMESPO
4	38	46	378	30	75		139TA3856	CLARK-SAMSUNG
4	38	46	390	45	55	150	118TA1465	MITSUBISHI-CATERPILLAR
4	38	48	545	30	240	110	134TA6063	YALE
4	38	49	413	100	100		108TA4493	TOYOTA
4	38	49	500	105	110		134TA6333	TOYOTA
4	38	75	1080	30	115		134TA6196	TOYOTA
4	38	75	1117	50	162		118TA1645	TOYOTA
4	39	38	363	55	65	110	134TA5617	MITSUBISHI-CATERPILLAR
4	39	41	495	60	100		134TA5748	NISSAN
4	39	42	705	65	145		139TA4239	STILL
4	39	43	550	55	90		123TA6707	NISSAN
4	39	50	1195	40	180		124TA1080	CLARK-SAMSUNG
4	39	76	1120	50	155		134TA5792	TOYOTA
4	39	77	1062	50	160		118TA1653	TOYOTA
4	40	40	530	40	90		134TA5964	NISSAN
4	40	42	750	45	120	140	134TA5912	TAILIFT
4	40	43	490	40	90		118TA1688	TOYOTA
4	40	43	495	30	105		105TA6953	TOYOTA
4	40	43	700	90	145	130	139TA4280	TOYOTA
4	40	52	1205	50	80		134TA5712	CLARK-SAMSUNG
4	41	41	420	60	150		134TA6236	HANGZHOU / HC / HANGCHA
4	41	41	550	55	70	190	123TA6708	NISSAN
4	41	41	560	165	200		123TA6680	KOMATSU
4	41	42	410	35	75	135	134TA5916	TAILIFT
4	41	42	500	45	110		105TA7191	TOYOTA
4	41	42	520	65	90		118TA1549	TOYOTA
4	41	42	1076	170	360		108TA4389	TOYOTA
4	41	43	770	65	140	140	105TA6932	TOYOTA
4	41	46	555	175	220		139TA4263	TCM
4	41	46	710	85	175		139TA4268	TENNANT
4	42	42	300	60	100		139TA4151	OM PIMESPO
4	42	42	325	85	220		105TA6910	TCM
4	42	42	400	65	95		134TA6201	NISSAN
4	42	42	455	45	355	270	139TA4250	TAILIFT
4	42	42	490	85	125		110TA8602	TCM
4	42	42	495	35	85		139TA4093	NISSAN
4	42	42	510	35	220		106TA6312	TOYOTA
4	42	42	550	20	80		139TA4152	OM PIMESPO
4	42	42	565	125	135	115	105TA6952	YANG - YAM - PUMA
4	42	42	670	55	130		105TA7254	TCM
4	42	42	700	55	90	145	124TA2095	TOYOTA
4	42	42	720	40	165	140	134TA5812	TAILIFT
4	42	42	750	130	145		105TA7168	NISSAN
4	42	42	800	120	160		123TA6709	NISSAN
4	42	42	825	140	160		134TA6341	NISSAN
4	42	43	330	80	200		108TA4468	TCM
4	42	43	355	105	205		118TA1617	TCM
4	42	43	460	95	115	160	139TA4153	OM PIMESPO
4	42	43	500	85	85		105TA7115	TOYOTA
4	42	43	515	60	115		105TA7445	TOYOTA
4	42	43	515	70	80	135	105TA7111	TOYOTA
4	42	43	555	145	185		105TA7436	TCM
4	42	43	558	60	90		105TA6979	TOYOTA
4	42	43	570	140	200		105TA7253	TCM
4	42	44	504	80	90		108TA4551	TOYOTA
4	42	45	525	35	90		105TA7204	KOMATSU

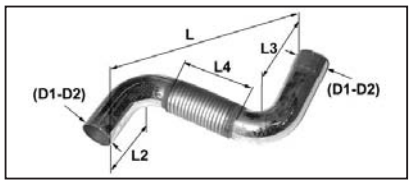


Complete range

Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
4	42	45	630	85	100		134TA6336	TCM
4	42	45	635	70	85		105TA7212	LINDE-LANSING
4	42	47	297	45	59	130	108TA4397	NISSAN
4	42	57	630	40	80	140	134TA5768	YANG - YAM - PUMA
4	42	57	730	125	130	170	118TA1568	TAILIFT
4	43	43	405	40	105		105TA7182	TOYOTA
4	43	43	470	35	110		134TA5837	NISSAN
4	43	43	490	225	250		108TA4511	TOYOTA
4	43	43	500	90	125		105TA7009	TOYOTA
4	43	43	505	75	110		105TA7117	TOYOTA
4	43	43	515	60	65	155	139TA4281	TOYOTA
4	43	43	525	35	90		105TA7205	KOMATSU
4	43	43	730	38	90	137	134TA6084	TOYOTA
4	43	43	738	45	90	170	124TA2087	TOYOTA
4	43	43	785	75	130	140	105TA7125	TOYOTA
4	43	45	610	60	75	310	105TA7234	OM PIMESPO
4	43	47	500	80	100		123TA6710	NISSAN
4	43	47	740	70	265		105TA7244	MITSUBISHI-CATERPILLAR
4	43	48	455	60	130		139TA4154	OM PIMESPO
4	43	49	411	90	100		108TA4406	TOYOTA
4	43	49	495	100	110		134TA6197	TOYOTA
4	43	49	800	88	105		123TA6723	TCM
4	43	76	950	70	235		124TA2099	TOYOTA
4	44	51	740	55	177	170	139TA4155	OM PIMESPO
4	44	51	747	50	180	105	139TA4156	OM PIMESPO
4	45	45	560	40	100	270	134TA6140	OM PIMESPO
4	45	45	570	70	80	260	123TA6717	STILL
4	45	45	635	60	120		105TA6988	COVENTRY CLIMAX
4	45	45	755	75	195		124TA7619	HYSTER
4	45	45	775	95	215		134TA5774	YALE
4	45	48	315	70	185		134TA6088	JCB
4	45	50	480	50	55	150	134TA5989	OM PIMESPO
4	45	50	525	80	80	120	134TA5756	OM PIMESPO
4	45	50	540	65	160		134TA6195	CLARK-SAMSUNG
4	45	50	545	70	148		118TA1649	NISSAN
4	45	51	735	60	90		123TA6608	CLARK-SAMSUNG
4	45	51	890	43	135	430	139TA4157	OM PIMESPO
4	47	48	670	60	80		139TA4074	MITSUBISHI-CATERPILLAR
4	47	48	765	62	93	157	106TA7345	YALE
4	47	55	565	40	170		134TA6039	GENIE
4	48	48	500	65	80		139TA4075	MITSUBISHI-CATERPILLAR
4	48	48	770	50	80		124TA4494	CLARK-SAMSUNG
4	48	51	720	35	276		139TA4158	OM PIMESPO
4	48	51	1015	55	110		134TA5822	CLARK-SAMSUNG
4	48	52	510	65	125		124TA7627	CLARK-SAMSUNG
4	48	54	613	30	100	145	139TA4251	TAILIFT
4	48	54	716	95	115	150	108TA4390	TOYOTA
4	48	58	685	35	145		118TA1441	LINDE-LANSING
4	48	66	625	120	155		105TA7067	TOYOTA
4	49	50	630	80	120	325	118TA1673	OM PIMESPO
4	49	51	565	25	115		105TA7054	HYSTER
4	49	59	365	65	225	80	139TA4240	STILL
4	49	60	500	55	70	140	134TA6332	MANITOU
4	49	60	670	50	75		139TA4241	STILL
4	50	50	325	150	350	175	105TA6968	MITSUBISHI-CATERPILLAR
4	50	50	410	60	85		134TA5745	LINDE-LANSING
4	50	50	465	40	70		134TA5875	CLARK-SAMSUNG
4	50	50	695	45	85	105	124TA2860	HYUNDAI

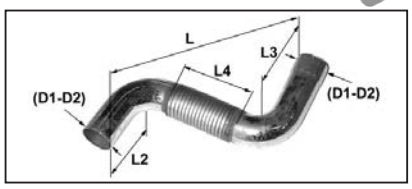
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
4	50	50	700	40	40	380	118TA1587	OM PIMESPO
4	50	50	1010	30	200	240	139TA4159	OM PIMESPO
4	50	51	475	65	100		134TA5729	YALE
4	50	51	540	55	65	230	105TA7336	OM PIMESPO
4	50	52	480	40	90		123TA6711	NISSAN
4	50	52	650	35	35	200	139TA4282	TOYOTA
4	50	54	860	30	85		134TA6135	NISSAN
4	50	54	865	50	90		105TA6951	NISSAN
4	50	55	290	40	100		139TA4003	LINDE-LANSING
4	50	55	675	95	100		118TA1536	CLARK-SAMSUNG
4	50	56	842	102	155		108TA4456	HYSTER
4	51	51	530	95	120		105TA7210	CLARK-SAMSUNG
4	51	51	550	100	195		110TA8593	MITSUBISHI-CATERPILLAR
4	51	51	630	37	165		134TA6213	CLARK-SAMSUNG
4	51	51	703	110	160		108TA4478	CLARK-SAMSUNG
4	51	51	710	50	110		124TA2871	CLARK-SAMSUNG
4	51	51	780	80	125		106TA6253	HYSTER
4	51	51	920	70	170	150	139TA4160	OM PIMESPO
4	51	51	990	75	100		139TA3858	CLARK-SAMSUNG
4	51	52	840	100	335		139TA4076	MITSUBISHI-CATERPILLAR
4	51	53	870	85	95	130	139TA4161	OM PIMESPO
4	51	53	1555	50	90		108TA4469	CLARK-SAMSUNG
4	51	55	525	135	305		134TA6350	YALE
4	52	52	545	75	385	80	105TA6958	LINDE-LANSING
4	53	64	656	95	145		108TA4550	TOYOTA
4	54	57	750	35	155		118TA1429	LINDE-LANSING
4	54	60	305	30	70		105TA7289	TOYOTA
4	54	61	880	325	470		108TA4473	NISSAN
4	54	63	625	120	145	150	123TA6609	CLARK-SAMSUNG
4	54	63	630	100	140	140	123TA6610	CLARK-SAMSUNG
4	55	55	720	160	260		139TA4242	STILL
4	55	55	780	220	260		139TA4243	STILL
4	55	55	825	30	175		118TA1389	LINDE-LANSING
4	55	58	640	35	155		118TA1430	LINDE-LANSING
4	55	58	1067	20	165		108TA4542	MANITOU
4	56	57	695	28	95		139TA4162	OM PIMESPO
4	56	57	800	35	160		118TA1428	LINDE-LANSING
4	60	60	815	80	340		134TA6019	TOYOTA
4	60	62	515	130	385		134TA5701	LINDE-LANSING
4	60	62	700	55	275		105TA6978	TOYOTA
4	60	80	1455	115	360		134TA5820	TCM
4	61	63	630	105	120		105TA7213	MITSUBISHI-CATERPILLAR
4	61	64	500	50	90	170	134TA5815	MANITOU
4	63	68	510	40	100		139TA3865	GROVE
4	64	64	645	65	170		105TA7002	HYSTER
4	64	69	670	95	190		105TA7106	HYSTER
4	64	71	980	50	100	175	134TA6359	MERLO
4	65	65	790	220	365		111TA3680	TOYOTA
4	65	70	1000	100	145		134TA6006	MERLO
4	65	70	1033	80	110	155	139TA4021	MERLO
4	76	76	820	100	110		118TA1542	CLARK-SAMSUNG
4	102	102	370	100	240		139TA3920	HYSTER
5	32	32	780	55	75		105TA7051	HYSTER
5	33	33	515	60	115	155	134TA5538	SALEV
5	33	33	580	80	105	80	134TA6309	HELI
5	33	45	580	70	90	310	105TA7219	OM PIMESPO
5	34	34	575	75	120	165	139TA4164	OM PIMESPO
5	34	34	625	60	220		110TA9614	KOMATSU

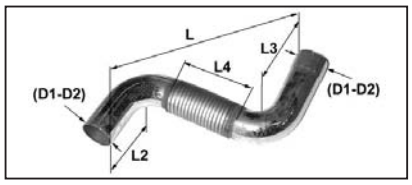
Complete range



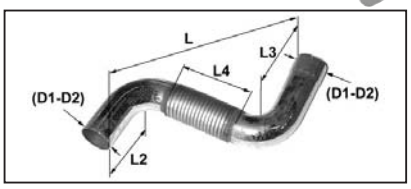
Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
5	34	37	620	132	158	170	139TA4165	OM PIMESPO
5	34	43	540	115	280	115	139TA4166	OM PIMESPO
5	34	63	476	25	120	163	139TA4167	OM PIMESPO
5	35	35	540	70	70		123TA6760	YALE
5	35	35	570	95	105		105TA7340	YALE
5	35	35	605	70	70		134TA5497	YALE
5	35	35	652	70	80		108TA4411	YALE
5	35	35	680	20	90		106TA7379	YALE
5	35	35	695	70	160	90	139TA4320	YALE
5	35	40	580	70	85	150	139TA4168	OM PIMESPO
5	35	45	785	20	60	340	105TA7217	OM PIMESPO
5	35	47	680	75	100		134TA5979	NISSAN
5	37	38	690	80	160		139TA4169	OM PIMESPO
5	37	39	790	40	90		139TA4085	MOFFETT
5	37	39	795	30	75		134TA6155	CLARK-SAMSUNG
5	38	38	135	7	54		139TA4170	OM PIMESPO
5	38	38	545	85	105		105TA7040	TCM
5	38	38	570	65	165		105TA6904	TCM
5	38	38	570	80	280	135	134TA6114	MITSUBISHI-CATERPILLAR
5	38	38	770	55	142	185	134TA6363	TCM
5	38	38	835	110	240		105TA6898	MITSUBISHI-CATERPILLAR
5	38	38	850	40	120		134TA5830	HELI
5	38	38	860	70	115		106TA5020	TCM
5	38	42	610	70	90		105TA7330	TCM
5	38	42	750	67	125	150	134TA5824	TOYOTA
5	38	42	1120	127	220		118TA1625	TOYOTA
5	38	42	1235	25	200		134TA6026	MITSUBISHI-CATERPILLAR
5	39	39	750	20	70		124TA2105	CLARK-SAMSUNG
5	39	42	680	40	90	180	134TA6029	TOYOTA
5	39	42	695	110	270	145	139TA4171	OM PIMESPO
5	39	43	1145	50	80		134TA6343	MITSUBISHI-CATERPILLAR
5	39	47	510	80	260	140	139TA4078	MITSUBISHI-CATERPILLAR
5	39	47	530	35	90	135	139TA4079	MITSUBISHI-CATERPILLAR
5	40	40	580	30	90		134TA5863	CLARK-SAMSUNG
5	40	40	705	85	200		139TA4172	OM PIMESPO
5	40	42	680	120	273	150	139TA4080	MITSUBISHI-CATERPILLAR
5	40	43	530	80	280	140	134TA5842	NISSAN
5	41	41	650	75	80		105TA7447	NISSAN
5	41	42	590	70	120	135	134TA5904	TAILIFT
5	41	42	750	70	85	165	134TA5721	TOYOTA
5	41	43	880	70	120	180	124TA5149	TOYOTA
5	41	43	915	75	115	150	134TA5791	TOYOTA
5	42	42	270	80	115		108TA4522	TCM
5	42	42	365	60	80	125	105TA7261	NISSAN
5	42	42	530	70	190		139TA4173	OM PIMESPO
5	42	42	550	50	125	130	134TA5908	TAILIFT
5	42	42	585	90	150	140	134TA5805	YANG - YAM - PUMA
5	42	42	610	15	140		139TA3876	HELI
5	42	42	645	50	80		105TA7263	TCM
5	42	42	655	115	120	155	106TA7351	YANG - YAM - PUMA
5	42	42	690	65	65	155	134TA5980	TOYOTA
5	42	42	730	95	120	150	105TA6993	TOYOTA
5	42	42	745	80	115	135	134TA5828	TOYOTA
5	42	42	884	70	120	150	108TA4400	TOYOTA
5	42	43	660	45	145	155	134TA6148	TOYOTA
5	42	43	700	80	120	147	108TA4546	TOYOTA
5	42	44	730	50	115		106TA5027	TCM
5	42	57	625	50	390	140	139TA4252	TAILIFT

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Complete range



Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
5	43	43	100	60	130	175	134TA5860	TOYOTA
5	43	43	200	70	110	185	108TA4521	TOYOTA
5	43	43	490	40	50		134TA6324	TOYOTA
5	43	43	500	35	130		105TA7180	TOYOTA
5	43	43	645	20	235		139TA4174	OM PIMESPO
5	43	43	695	45	80	145	124TA2075	TOYOTA
5	43	43	695	45	90	145	134TA6287	TOYOTA
5	43	43	710	55	150		105TA7183	TCM
5	43	43	730	70	80	135	105TA7432	TOYOTA
5	43	43	745	90	130	140	134TA5498	TOYOTA
5	43	43	750	80	80	200	134TA5513	TOYOTA
5	43	43	780	65	65	140	105TA6935	TOYOTA
5	43	43	850	75	85	190	108TA4517	TOYOTA
5	43	43	850	90	125	160	123TA6735	TOYOTA
5	43	43	950	90	90	150	123TA6734	TOYOTA
5	43	43	970	120	130	155	134TA6142	TOYOTA
5	43	43	1045	90	120		139TA4283	TOYOTA
5	43	45	810	55	65	350	134TA6284	OM PIMESPO
5	43	59	745	90	95	190	134TA5725	TOYOTA
5	43	59	973	90	140	200	118TA1581	TOYOTA
5	44	45	445	45	65	300	134TA6024	OM PIMESPO
5	44	49	1345	40	50		139TA4081	MITSUBISHI-CATERPILLAR
5	44	51	470	60	70		124TA1035	NISSAN
5	45	45	780	55	80		139TA4175	OM PIMESPO
5	45	45	980	65	155	300	108TA4530	OM PIMESPO
5	49	51	1085	70	260	145	134TA6062	YALE
5	50	50	555	40	50	135	139TA4284	TOYOTA
5	50	50	660	45	45	305	105TA7339	OM PIMESPO
5	50	50	680	53	105		105TA7429	YALE
5	50	50	745	40	60	280	105TA7038	OM PIMESPO
5	50	54	430	90	145		105TA6885	NISSAN
5	50	55	553	55	120		123TA6761	YALE
5	50	55	675	55	70		123TA6762	YALE
5	51	51	530	100	115		105TA7042	CLARK-SAMSUNG
5	51	51	780	30	220	200	139TA4176	OM PIMESPO
5	51	51	960	50	130	325	139TA4177	OM PIMESPO
5	51	54	645	155	165		105TA7272	TOYOTA
5	51	54	840	130	150		108TA8275	TOYOTA
5	51	54	970	85	120		134TA5990	MITSUBISHI-CATERPILLAR
5	51	57	755	60	150		139TA3923	HYSTER
5	55	64	790	35	60	200	139TA4178	OM PIMESPO
5	58	58	906	65	135	150	108TA4387	TOYOTA
5	61	61	1140	100	180		139TA4082	MITSUBISHI-CATERPILLAR
5	62	88	775	65	95		134TA5622	KALMAR
5	68	89	705	45	90		108TA4528	KALMAR
5	69	71	1265	80	100		139TA4244	STILL
5	70	75	515	38	38		105TA7326	TCM
6	34	34	630	70	275	105	139TA4179	OM PIMESPO
6	34	38	800	90	95	155	139TA4180	OM PIMESPO
6	35	35	645	80	125		134TA5737	YALE
6	38	41	605	65	70		110TA9696	NISSAN
6	38	42	700	60	80	150	134TA6368	TOYOTA
6	38	42	715	70	80	170	118TA1503	TOYOTA
6	38	42	815	60	70	180	139TA4285	TOYOTA
6	38	42	865	70	110	170	139TA4286	TOYOTA
6	38	42	890	60	65	170	139TA4287	TOYOTA
6	38	42	1145	100	230		139TA4288	TOYOTA
6	38	43	880	60	80	155	139TA4289	TOYOTA



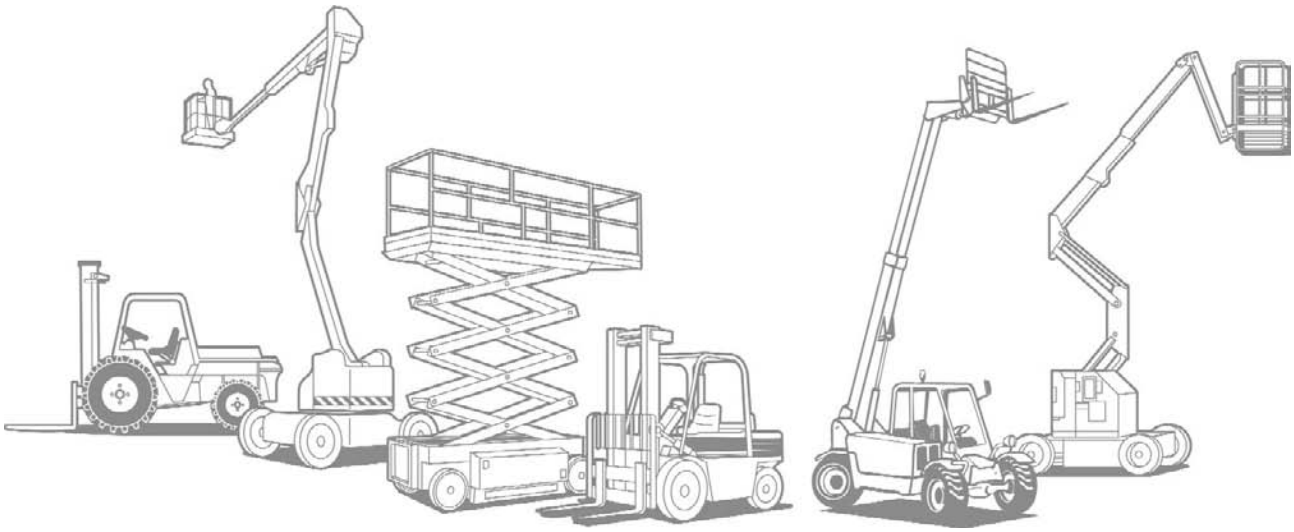
Complete range

Number of bends AT-BO	Smallest outer Ø tube (mm) D1	Largest outer Ø tube (mm) D2	Dimension (mm) L	Dimension (mm) L2	Dimension (mm) L3	Dimension (mm) L4	REF	For picture see make
6	39	42	700	60	90	155	139TA4290	TOYOTA
6	39	58	910	100	150		139TA3961	JUNGHEINRICH-STEINBOCK
6	40	42	690	45	85	140	105TA7266	TOYOTA
6	40	42	690	60	80	165	118TA1687	TOYOTA
6	40	42	695	60	90	140	105TA6893	TOYOTA
6	41	41	600	35	50		134TA6166	HANGZHOU / HC / HANGCHA
6	41	42	815	60	95	145	139TA4291	TOYOTA
6	42	42	630	60	70	155	108TA8278	TOYOTA
6	42	42	675	60	140		105TA7154	TCM
6	42	42	750	70	70	150	108TA4461	TOYOTA
6	42	42	795	75	80	180	139TA4292	TOYOTA
6	42	42	800	80	85	180	139TA4293	TOYOTA
6	42	42	885	50	100	130	134TA5960	YANG - YAM - PUMA
6	42	43	635	75	130		105TA7341	TOYOTA
6	42	47	620	55	75		134TA5959	NISSAN
6	43	43	470	53	55	180	134TA5994	SALEV
6	43	43	515	25	110		124TA1078	TOYOTA
6	43	43	600	35	35		134TA6305	TOYOTA
6	43	43	645	105	170		105TA6966	TOYOTA
6	43	43	680	40	80	140	139TA4294	TOYOTA
6	43	43	710	50	60	155	134TA5992	TOYOTA
6	43	43	820	85	90	145	134TA5541	TOYOTA
6	43	43	882	75	85	162	134TA6194	TOYOTA
6	43	43	910	90	140		134TA6207	NISSAN
6	43	43	920	60	80	150	139TA4295	TOYOTA
6	43	47	640	120	120	150	134TA5835	NISSAN
6	43	54	440	20	98		110TA9611	CLARK-SAMSUNG
6	44	44	940	60	70	170	134TA6226	TOYOTA
6	45	45	6156	10	120		105TA7211	CLARK-SAMSUNG
6	47	40	605	75	75		134TA5958	NISSAN
6	48	49	850	60	100		105TA7238	TOYOTA
6	50	50	550	50	100	300	134TA6232	OM PIMESPO
6	50	50	660	45	65	270	105TA7186	OM PIMESPO
6	50	50	830	60	60	360	105TA7201	OM PIMESPO
6	50	54	847	57	90		108TA8281	YALE
6	51	51	1395	70	140		105TA7177	HYSTER
6	65	65	720	80	100	255	105TA7231	TOYOTA
7	35	35	780	25	70		134TA5508	YALE
7	38	42	690	80	140		105TA7155	TCM
7	38	42	965	80	120	160	139TA4296	TOYOTA
7	40	45	870	80	120	155	134TA6151	TOYOTA
7	42	42	800	30	60		134TA6163	HANGZHOU / HC / HANGCHA
7	42	43	940	75	120	140	134TA6082	TOYOTA
7	43	43	930	80	120	160	139TA4297	TOYOTA
7	48	48	710	75	90	145	118TA1604	CLARK-SAMSUNG
7	50	58	580	90	220		134TA6116	YALE
8	41	43	955	75	95	150	139TA4298	TOYOTA
8	42	43	945	55	90	160	134TA6263	TOYOTA

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

NOTES

Part: 3
EXHAUST PURIFIERS



DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

CATALYTIC CONVERTERS FOR FORKLIFTS

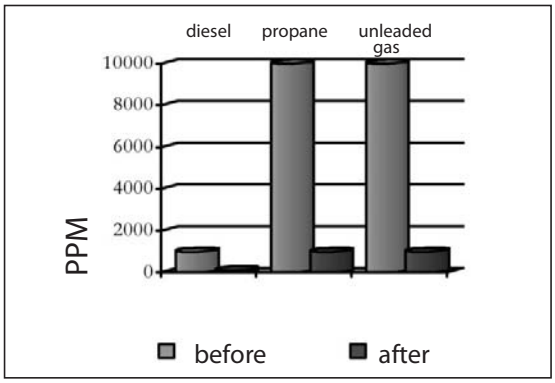
What is a catalytic converter?

- Catalytic converters reduce emissions of dangerous carbon monoxide (CO), hydrocarbons (HC), nitrogen oxides (NO_X) and odour from diesel, gas, natural gas and propane-powered equipment.

Untreated emissions

- Carbon monoxide (CO) is an odourless and colourless gas that causes headaches. In high concentrations, CO can even cause death.
- Hydrocarbons (HC) cause eye & throat irritation and are responsible for odours and irritating fumes.
- Emissions from internal combustion powered equipment cause serious health hazards to employees working in enclosed environments.

CO Emissions Comparison



What can catalytic converters do?

- Catalytic converters reduce emissions of carbon monoxide (CO) up to 99%, hydrocarbons (HC) up to 90% and diesel particles by up to 30%.

How does a catalytic converter work?

- A catalytic converter contains a honeycomb in a steel housing or muffler.
- The honeycomb is coated with a catalyst formula, which enduces chemical reactions as exhaust gases enter and pass through the honeycomb.
- The effect of the catalyst formula is the conversion of the toxic gases into harmless carbon dioxide (CO_2) and water (H_2O).

Oxidation catalytic converters?

- Oxidation catalytic converters, or two-way catalytic converters, convert poisonous carbon monoxide (CO) and hydrocarbons (HC) into carbon dioxide and water.

Three-way catalytic converters?

- Unlike oxidation catalytic converters, three-way catalytic converters offer the added reduction of nitrogen oxides (NO_X).
- Three-way catalytic converters offer added NO_X reduction by using a digital air/fuel ratio controller to maintain an optimum air/fuel ratio.
- The use of the air/fuel ratio controller combined with advanced three-way catalyst coating results in the elimination of toxic exhaust and the reduction of fuel consumption.

Catalytic converter advantage

- Each catalytic converter contains a patented stainless steel honeycomb, which is brazed to its stainless steel shell.
- The unique brazed design eliminates the possibility of the honeycomb loosening, cracking or telescoping inside the catalyst.

For further information, please contact us.

INLINE CATALYTIC CONVERTERS

- Inline catalytic converters are custom designed units made to suit each equipment make and model.
- Inline catalytic converters replace the exhaust tubing between the exhaust manifold and muffler, eliminating costly exhaust system modification and downtime.

STANDARD DESIGN DIESEL CATALYTIC CONVERTERS

- Oxidation catalytic converters install directly in the exhaust gas stream between the exhaust manifold and muffler.
- Standard design catalysts are available either with two quick release clamps, for removal of the catalyst center body, or as all-welded units with a fixed catalyst center body.

CATALYTIC MUFFLER CONVERTERS

- Catalytic muffler converters are direct replacement mufflers, making installation quick and easy.
- Catalytic muffler converters offer exhaust purification without compromising noise attenuation or creating excessive backpressure.
- Available in two or three-way catalyst reduction.

STANDARD DESIGN LPG CATALYTIC CONVERTERS

- Standard catalysts for LPG engines clamp directly onto the existing tailpipe.
- Every catalyst is an exact fit, making installation quick and easy.

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

Treatment of exhaust gases: every engine produces emissions at different pollution levels.
Exhaust gases in PPM (particles per million)

Typical exhaust gas levels	harmfulness	LPG	Diesel	Gasoline
CO: Carbon monoxides	toxic	380 - 10 000	180 - 4000	18 000 - 70 000
NO_X: Nitrogen oxides	toxic	180 - 4500	260 - 2000	250 - 4500
HC: Hydrocarbons	toxic	90 - 300	275 - 2000	250 - 600
Aldehydes	irritants	10 - 100	10 - 300	100 - 300
Soot / particle matter	toxic	-	0,24 g/m³	0,05 g/m³

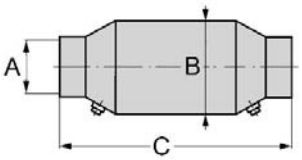
Solution:

1) Oxidation catalytic converters.

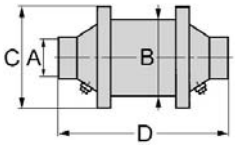
The 2-way catalytic converter reduces CO gases up to 99 % and HC gases up to 90 %.

A) STANDARD CATALYSTS

standard welded design



standard design with clamps

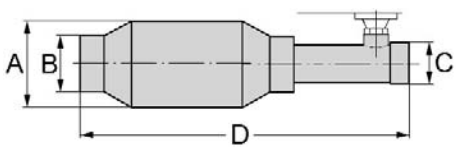


REF	Displacement	Dimensions (mm)		
	(*)	A	B	C
107TA1908	2380 cc	38	79	184
107TA1909	2380 cc	44 •	79	184
107TA1910	2380 cc	51 •	79	184
107TA1911	2380 cc	64	79	184
107TA1912	3970 cc	38	102	234
107TA1913	3970 cc	44	102	234
107TA1914	3970 cc	51 •	102	234
107TA1915	3970 cc	64 •	102	234
107TA1916	3970 cc	76 •	102	234
107TA1917	6290 cc	51	127	244
107TA1918	6290 cc	64	127	244
107TA1919	6290 cc	76 •	127	244
107TA1920	6290 cc	89	127	244
107TA1921	6290 cc	102	127	244
107TA1922	9230 cc	64	152	264
107TA1923	9230 cc	76	152	264
107TA1924	9230 cc	89	152	264
107TA1925	9230 cc	102	152	264

REF	Displacement	Dimensions (mm)			
	(*)	A	B	C	D
107TA1926	2380 cc	38	79	107	203
107TA1927	2380 cc	44 •	79	107	203
107TA1928	2380 cc	51 •	79	107	203
107TA1929	2380 cc	64	79	107	203
107TA1930	3970 cc	38	102	133	244
107TA1931	3970 cc	44	102	133	244
107TA1932	3970 cc	51 •	102	133	244
107TA1933	3970 cc	64 •	102	133	244
107TA1934	3970 cc	76 •	102	133	244
107TA1935	6290 cc	51	127	159	254
107TA1936	6290 cc	64	127	159	254
107TA1937	6290 cc	76 •	127	159	254
107TA1938	6290 cc	89	127	159	254
107TA1939	6290 cc	102	127	159	254
107TA1940	9230 cc	64	152	184	276
107TA1941	9230 cc	76	152	184	276
107TA1942	9230 cc	89	152	184	276
107TA1943	9230 cc	102	152	184	276

(•) = in stock. (*) for turbo engines, please contact us.

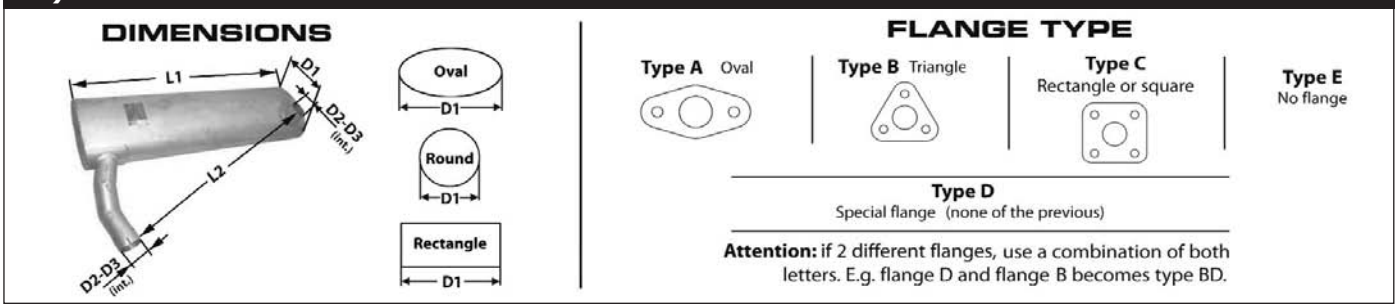
B) CATALYSTS FOR LPG & GASOLINE ENGINES (LEAD FREE)



For further information, please contact us.

	REF 107TA7671	REF 107TA7672	REF 107TA7673	REF 107TA7674
Max. engine power (kW)	32 (23,9)	32 (23,9)	53 (39,5)	53 (39,5)
Max flow exhaust (m³/h)	192 (326)	192 (326)	318 (540)	318 (540)
A inch (mm)	3.12 (79)	3.12 (79)	4.00 (102)	4.00 (102)
B inch (mm)	1.75 (44)	2.04 (52)	2.04 (52)	1.75 (44)
C inch (mm)	1.75 (44)	2.04 (52)	2.04 (52)	1.75 (44)
D inch (mm)	11.77 (300)	11.77 (300)	13.75 (350)	13.75 (350)

C) CUSTOM REPLACEMENT CATALYST



Length L1: 34,3 mm
Diameter D1: 129 mm
Diameter D2: 56 mm
Diameter D3: 0 mm
Dimension L2: 0 mm
Flange type TY-FL: E

REF 139TA4708

Length L1: 90 mm
Diameter D1: 108 mm
Diameter D2: 38 mm
Diameter D3: 39 mm
Dimension L2: 195 mm
Flange type TY-FL: B

REF 139TA4709

Length L1: 90 mm
Diameter D1: 135 mm
Diameter D2: 47 mm
Diameter D3: 51 mm
Dimension L2: 265 mm
Flange type TY-FL: B

REF 139TA4710

Length L1: 170 mm
Diameter D1: 111 mm
Diameter D2: 36,5 mm
Diameter D3: 36,5 mm
Dimension L2: 410 mm
Flange type TY-FL: B

REF 139TA4711

Length L1: 170 mm
Diameter D1: 127 mm
Diameter D2: 51 mm
Diameter D3: 68 mm
Dimension L2: 285 mm
Flange type TY-FL: B

REF 139TA4712

Length L1: 207 mm
Diameter D1: 103 mm
Diameter D2: 44 mm
Diameter D3: 58 mm
Dimension L2: 820 mm
Flange type TY-FL: AB

REF 107TA1953

Length L1: 215 mm
Diameter D1: 126 mm
Diameter D2: 39 mm
Diameter D3: 39 mm
Dimension L2: 466 mm
Flange type TY-FL: A

REF 139TA4713

Length L1: 218 mm
Diameter D1: 115 mm
Diameter D2: 41 mm
Diameter D3: 41 mm
Dimension L2: 220 mm
Flange type TY-FL: A

REF 139TA4714

Length L1: 220 mm
Diameter D1: 108 mm
Diameter D2: 40 mm
Diameter D3: 42 mm
Dimension L2: 300 mm
Flange type TY-FL: B

REF 139TA4715

Length L1: 238 mm
Diameter D1: 108 mm
Diameter D2: 46 mm
Diameter D3: 0 mm
Dimension L2: 0 mm
Flange type TY-FL: A

REF 139TA4716

Length L1: 244 mm
Diameter D1: 79 mm
Diameter D2: 40,8 mm
Diameter D3: 40,8 mm
Dimension L2: 435 mm
Flange type TY-FL: C

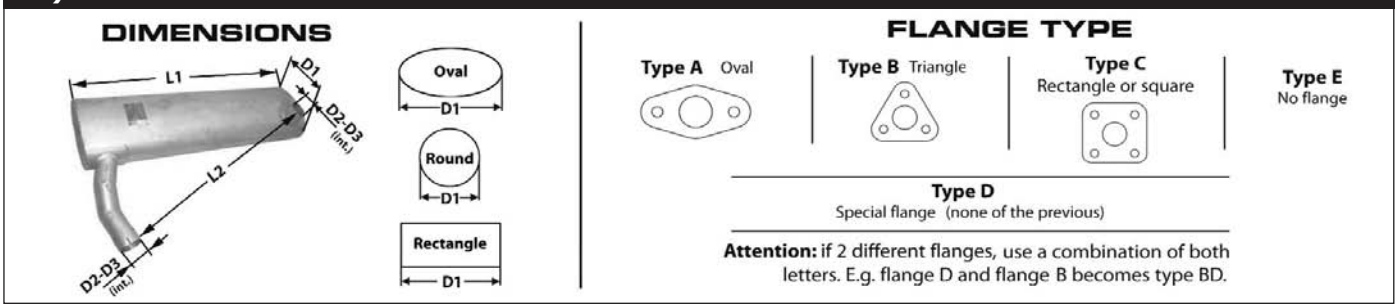
REF 139TA4717

Length L1: 255 mm
Diameter D1: 220 mm
Diameter D2: 47 mm
Diameter D3: 51 mm
Dimension L2: 148 mm
Flange type TY-FL: E

REF 139TA4718

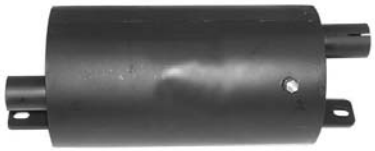
DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

C) CUSTOM REPLACEMENT CATALYST



Length L1: 280 mm
Diameter D1: 153 mm
Diameter D2: 32 mm
Diameter D3: 35,5 mm
Dimension L2: 390 mm
Flange type TY-FL: E

REF 139TA4719



Length L1: 283 mm
Diameter D1: 154,9 mm
Diameter D2: 30,3 mm
Diameter D3: 35,5 mm
Dimension L2: 438 mm
Flange type TY-FL: E

REF 139TA4720

Length L1: 285 mm
Diameter D1: 138 mm
Diameter D2: 50 mm
Diameter D3: 50 mm
Dimension L2: 215 mm
Flange type TY-FL: AB

REF 139TA4721

Length L1: 290 mm
Diameter D1: 38 mm
Diameter D2: 48 mm
Diameter D3: 180 mm
Dimension L2: 520 mm
Flange type TY-FL: E

REF 139TA4722

Length L1: 297 mm
Diameter D1: 151 mm
Diameter D2: 31,3 mm
Diameter D3: 35,5 mm
Dimension L2: 392 mm
Flange type TY-FL: E

REF 139TA4723

Length L1: 300 mm
Diameter D1: 150 mm
Diameter D2: 35 mm
Diameter D3: 39 mm
Dimension L2: 410 mm
Flange type TY-FL: E

REF 139TA4724

Length L1: 300 mm
Diameter D1: 151 mm
Diameter D2: 32 mm
Diameter D3: 37 mm
Dimension L2: 388 mm
Flange type TY-FL: E

REF 139TA4725

Length L1: 300 mm
Diameter D1: 153 mm
Diameter D2: 35 mm
Diameter D3: 39 mm
Dimension L2: 400 mm
Flange type TY-FL: E

REF 139TA4726

Length L1: 300 mm
Diameter D1: 203 mm
Diameter D2: 38 mm
Diameter D3: 38 mm
Dimension L2: 515 mm
Flange type TY-FL: E

REF 107TA1954

Length L1: 300 mm
Diameter D1: 203 mm
Diameter D2: 42 mm
Diameter D3: 42 mm
Dimension L2: 517 mm
Flange type TY-FL: E

REF 139TA4727

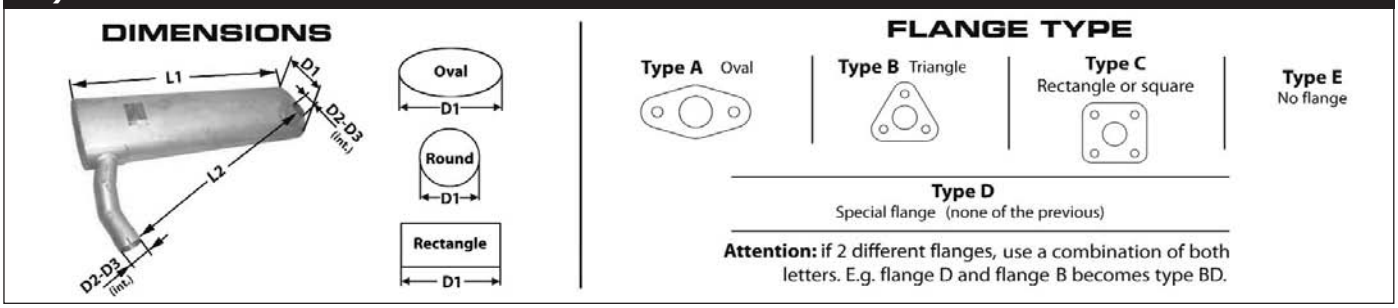
Length L1: 300 mm
Diameter D1: 204 mm
Diameter D2: 39 mm
Diameter D3: 39 mm
Dimension L2: 510 mm
Flange type TY-FL: E

REF 139TA4728

Length L1: 303 mm
Diameter D1: 206 mm
Diameter D2: 42 mm
Diameter D3: 45 mm
Dimension L2: 380 mm
Flange type TY-FL: B

REF 139TA4729

C) CUSTOM REPLACEMENT CATALYST



Length L1: 314 mm
Diameter D1: 120 mm
Diameter D2: 71 mm
Diameter D3: 71 mm
Dimension L2: 0 mm
Flange type TY-FL: A

REF 139TA4730

Length L1: 315 mm
Diameter D1: 160 mm
Diameter D2: 39 mm
Diameter D3: 39 mm
Dimension L2: 460 mm
Flange type TY-FL: E

REF 139TA4731

Length L1: 315 mm
Diameter D1: 168 mm
Diameter D2: 67 mm
Diameter D3: 0 mm
Dimension L2: 0 mm
Flange type TY-FL: A

REF 139TA4732

Length L1: 320 mm
Diameter D1: 110 mm
Diameter D2: 38 mm
Diameter D3: 42 mm
Dimension L2: 245 mm
Flange type TY-FL: A

REF 139TA4733

Length L1: 320 mm
Diameter D1: 154 mm
Diameter D2: 40,8 mm
Diameter D3: 42 mm
Dimension L2: 430 mm
Flange type TY-FL: A

REF 139TA4734

Length L1: 320 mm
Diameter D1: 155 mm
Diameter D2: 35 mm
Diameter D3: 40 mm
Dimension L2: 575 mm
Flange type TY-FL: A

REF 139TA4735

Length L1: 320 mm
Diameter D1: 155 mm
Diameter D2: 43 mm
Diameter D3: 45 mm
Dimension L2: 0 mm
Flange type TY-FL: A

REF 139TA4736

Length L1: 320 mm
Diameter D1: 190 mm
Diameter D2: 38 mm
Diameter D3: 42 mm
Dimension L2: 220 mm
Flange type TY-FL: A

REF 139TA4737

Length L1: 325 mm
Diameter D1: 152 mm
Diameter D2: 40 mm
Diameter D3: 45 mm
Dimension L2: 335 mm
Flange type TY-FL: E

REF 139TA4738

Length L1: 329 mm
Diameter D1: 196 mm
Diameter D2: 35 mm
Diameter D3: 39 mm
Dimension L2: 217 mm
Flange type TY-FL: A

REF 139TA4739

Length L1: 330 mm
Diameter D1: 172 mm
Diameter D2: 42 mm
Diameter D3: 42 mm
Dimension L2: 320 mm
Flange type TY-FL: A

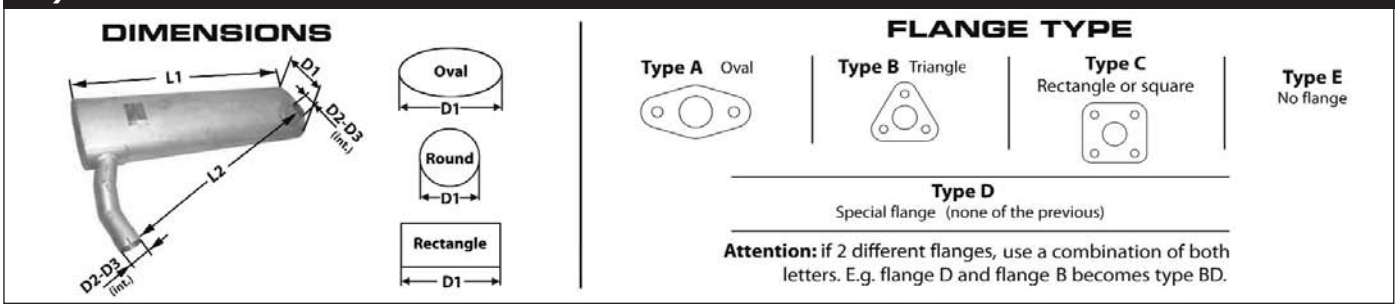
REF 139TA4740

Length L1: 330 mm
Diameter D1: 190 mm
Diameter D2: 42,5 mm
Diameter D3: 46 mm
Dimension L2: 435 mm
Flange type TY-FL: A

REF 139TA4741

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

C) CUSTOM REPLACEMENT CATALYST



Length L1: 330 mm
Diameter D1: 235 mm
Diameter D2: 37 mm
Diameter D3: 43 mm
Dimension L2: 450 mm
Flange type TY-FL: A

REF 139TA4742

Length L1: 337 mm
Diameter D1: 190 mm
Diameter D2: 34 mm
Diameter D3: 35 mm
Dimension L2: 200 mm
Flange type TY-FL: C

REF 139TA4743

Length L1: 340 mm
Diameter D1: 150 mm
Diameter D2: 37,5 mm
Diameter D3: 41 mm
Dimension L2: 565 mm
Flange type TY-FL: A

REF 139TA4744

Length L1: 340 mm
Diameter D1: 152 mm
Diameter D2: 32 mm
Diameter D3: 43 mm
Dimension L2: 335 mm
Flange type TY-FL: E

REF 139TA4745

Length L1: 340 mm
Diameter D1: 154 mm
Diameter D2: 35,5 mm
Diameter D3: 44,5 mm
Dimension L2: 530 mm
Flange type TY-FL: A

REF 139TA4746

Length L1: 340 mm
Diameter D1: 160 mm
Diameter D2: 35 mm
Diameter D3: 39 mm
Dimension L2: 560 mm
Flange type TY-FL: E

REF 139TA4747

Length L1: 340 mm
Diameter D1: 160 mm
Diameter D2: 35 mm
Diameter D3: 40 mm
Dimension L2: 270 mm
Flange type TY-FL: A

REF 139TA4748

Length L1: 340 mm
Diameter D1: 160 mm
Diameter D2: 35 mm
Diameter D3: 40 mm
Dimension L2: 430 mm
Flange type TY-FL: A

REF 139TA4749

Length L1: 340 mm
Diameter D1: 160 mm
Diameter D2: 35 mm
Diameter D3: 40,2 mm
Dimension L2: 252 mm
Flange type TY-FL: A

REF 139TA4750

Length L1: 340 mm
Diameter D1: 160 mm
Diameter D2: 35 mm
Diameter D3: 43 mm
Dimension L2: 320 mm
Flange type TY-FL: E

REF 139TA4751

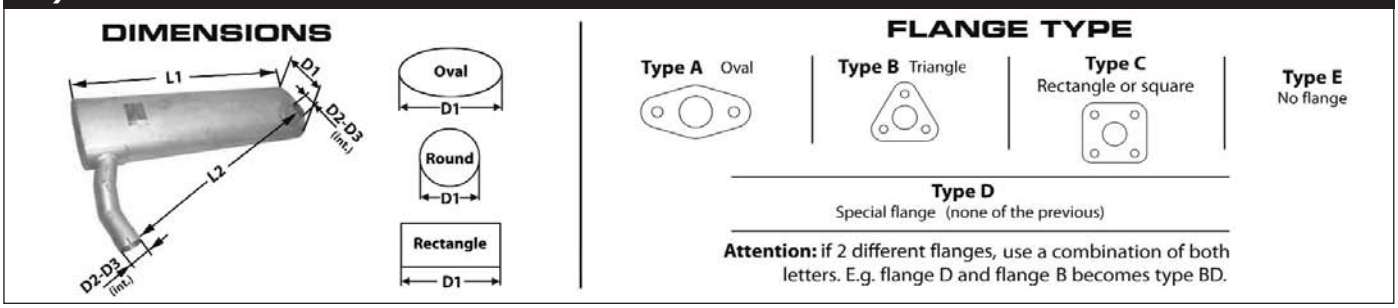
Length L1: 340 mm
Diameter D1: 160 mm
Diameter D2: 35 mm
Diameter D3: 43 mm
Dimension L2: 335 mm
Flange type TY-FL: E

REF 139TA4752

Length L1: 340 mm
Diameter D1: 160 mm
Diameter D2: 35 mm
Diameter D3: 43 mm
Dimension L2: 377 mm
Flange type TY-FL: E

REF 139TA4753

C) CUSTOM REPLACEMENT CATALYST



Length L1: 340 mm
Diameter D1: 160 mm
Diameter D2: 35 mm
Diameter D3: 43 mm
Dimension L2: 695 mm
Flange type TY-FL: E

REF 139TA4754

Length L1: 340 mm
Diameter D1: 160 mm
Diameter D2: 39 mm
Diameter D3: 43 mm
Dimension L2: 580 mm
Flange type TY-FL: A

REF 139TA4755

Length L1: 340 mm
Diameter D1: 200 mm
Diameter D2: 38 mm
Diameter D3: 42 mm
Dimension L2: 258 mm
Flange type TY-FL: A

REF 139TA4756

Length L1: 341 mm
Diameter D1: 153 mm
Diameter D2: 38,5 mm
Diameter D3: 45 mm
Dimension L2: 325 mm
Flange type TY-FL: E

REF 139TA4757

Length L1: 343 mm
Diameter D1: 195 mm
Diameter D2: 37 mm
Diameter D3: 42 mm
Dimension L2: 255 mm
Flange type TY-FL: A

REF 139TA4758

Length L1: 345 mm
Diameter D1: 155 mm
Diameter D2: 32 mm
Diameter D3: 43 mm
Dimension L2: 345 mm
Flange type TY-FL: E

REF 139TA4759

Length L1: 345 mm
Diameter D1: 190 mm
Diameter D2: 37,5 mm
Diameter D3: 41 mm
Dimension L2: 270 mm
Flange type TY-FL: A

REF 139TA4760

Length L1: 346 mm
Diameter D1: 194 mm
Diameter D2: 35 mm
Diameter D3: 38 mm
Dimension L2: 415 mm
Flange type TY-FL: E

REF 139TA4761

Length L1: 350 mm
Diameter D1: 191 mm
Diameter D2: 38 mm
Diameter D3: 38 mm
Dimension L2: 187 mm
Flange type TY-FL: E

REF 139TA4762

Length L1: 350 mm
Diameter D1: 195 mm
Diameter D2: 41 mm
Diameter D3: 42 mm
Dimension L2: 180 mm
Flange type TY-FL: E

REF 139TA4763

Length L1: 350 mm
Diameter D1: 203 mm
Diameter D2: 45 mm
Diameter D3: 48 mm
Dimension L2: 472 mm
Flange type TY-FL: E

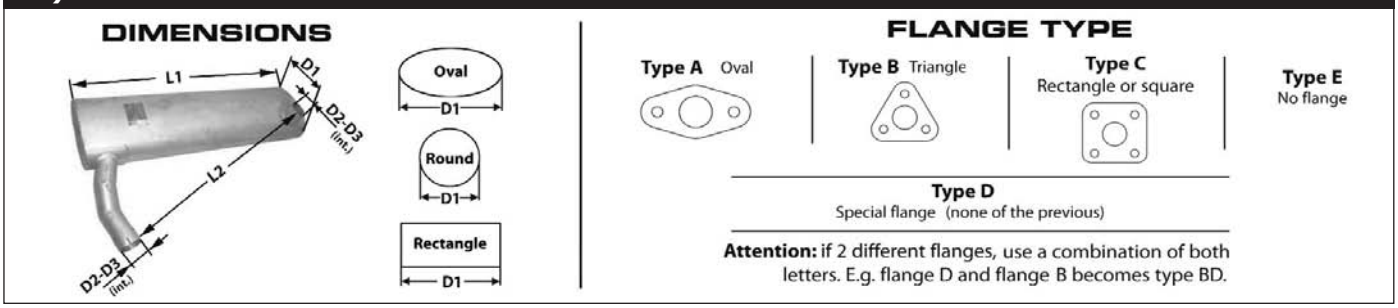
REF 139TA4764

Length L1: 350 mm
Diameter D1: 211 mm
Diameter D2: 33,7 mm
Diameter D3: 34,7 mm
Dimension L2: 370 mm
Flange type TY-FL: A

REF 139TA4765

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

C) CUSTOM REPLACEMENT CATALYST



Length L1: 350 mm
Diameter D1: 212 mm
Diameter D2: 38 mm
Diameter D3: 42 mm
Dimension L2: 150 mm
Flange type TY-FL: E

REF 139TA4766

Length L1: 350 mm
Diameter D1: 215 mm
Diameter D2: 35 mm
Diameter D3: 40 mm
Dimension L2: 600 mm
Flange type TY-FL: E

REF 139TA4767

Length L1: 350 mm
Diameter D1: 290 mm
Diameter D2: 57 mm
Diameter D3: 64 mm
Dimension L2: 575 mm
Flange type TY-FL: B

REF 139TA4768

Length L1: 352 mm
Diameter D1: 188 mm
Diameter D2: 41 mm
Diameter D3: 41,5 mm
Dimension L2: 43 mm
Flange type TY-FL: E

REF 139TA4769

Length L1: 353 mm
Diameter D1: 188 mm
Diameter D2: 41,5 mm
Diameter D3: 42 mm
Dimension L2: 145 mm
Flange type TY-FL: E

REF 139TA4770

Length L1: 353 mm
Diameter D1: 190 mm
Diameter D2: 39 mm
Diameter D3: 39 mm
Dimension L2: 155 mm
Flange type TY-FL: E

REF 139TA4771

Length L1: 353 mm
Diameter D1: 201 mm
Diameter D2: 47,5 mm
Diameter D3: 50 mm
Dimension L2: 440 mm
Flange type TY-FL: E

REF 139TA4772

Length L1: 355 mm
Diameter D1: 151 mm
Diameter D2: 38 mm
Diameter D3: 42 mm
Dimension L2: 528 mm
Flange type TY-FL: A

REF 139TA4773

Length L1: 360 mm
Diameter D1: 261 mm
Diameter D2: 48 mm
Diameter D3: 48 mm
Dimension L2: 325 mm
Flange type TY-FL: E

REF 139TA4774

Length L1: 370 mm
Diameter D1: 230 mm
Diameter D2: 40 mm
Diameter D3: 40 mm
Dimension L2: 125 mm
Flange type TY-FL: E

REF 139TA4775

Length L1: 375 mm
Diameter D1: 179 mm
Diameter D2: 51,2 mm
Diameter D3: 51,7 mm
Dimension L2: 470 mm
Flange type TY-FL: E

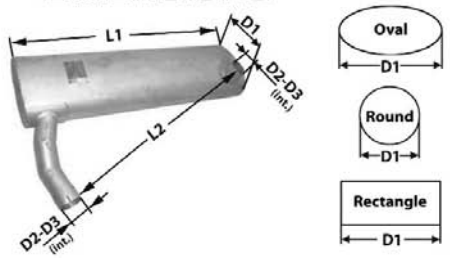
REF 139TA4776

Length L1: 375 mm
Diameter D1: 180 mm
Diameter D2: 42 mm
Diameter D3: 42 mm
Dimension L2: 120 mm
Flange type TY-FL: E

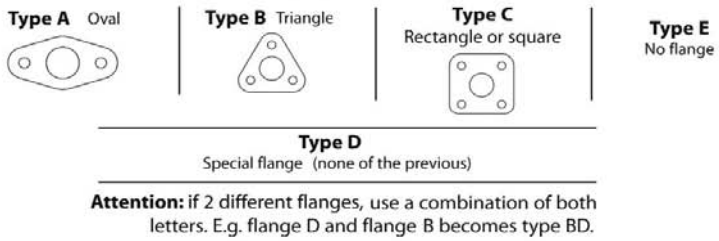
REF 139TA4777

C) CUSTOM REPLACEMENT CATALYST

DIMENSIONS



FLANGE TYPE



Attention: if 2 different flanges, use a combination of both letters. E.g. flange D and flange B becomes type BD.

Length L1: 382 mm
Diameter D1: 240 mm
Diameter D2: 39 mm
Diameter D3: 42 mm
Dimension L2: 760 mm
Flange type TY-FL: E

REF 139TA4778

Length L1: 387 mm
Diameter D1: 227 mm
Diameter D2: 70 mm
Diameter D3: 70 mm
Dimension L2: 0 mm
Flange type TY-FL: B

REF 139TA4779

Length L1: 395 mm
Diameter D1: 265 mm
Diameter D2: 39 mm
Diameter D3: 39 mm
Dimension L2: 440 mm
Flange type TY-FL: E

REF 139TA4780

Length L1: 398 mm
Diameter D1: 206 mm
Diameter D2: 35 mm
Diameter D3: 40,5 mm
Dimension L2: 565 mm
Flange type TY-FL: A

REF 139TA4781

Length L1: 398 mm
Diameter D1: 270 mm
Diameter D2: 40 mm
Diameter D3: 40 mm
Dimension L2: 445 mm
Flange type TY-FL: E

REF 139TA4782

Length L1: 400 mm
Diameter D1: 175 mm
Diameter D2: 54 mm
Diameter D3: 46 mm
Dimension L2: 515 mm
Flange type TY-FL: E

REF 139TA4783

Length L1: 400 mm
Diameter D1: 178 mm
Diameter D2: 52 mm
Diameter D3: 52 mm
Dimension L2: 494 mm
Flange type TY-FL: E

REF 139TA4784

Length L1: 400 mm
Diameter D1: 200 mm
Diameter D2: 55 mm
Diameter D3: 55 mm
Dimension L2: 330 mm
Flange type TY-FL: E

REF 139TA4785

Length L1: 400 mm
Diameter D1: 270 mm
Diameter D2: 36 mm
Diameter D3: 36 mm
Dimension L2: 580 mm
Flange type TY-FL: E

REF 139TA4786

Length L1: 402 mm
Diameter D1: 200 mm
Diameter D2: 47,2 mm
Diameter D3: 50,8 mm
Dimension L2: 690 mm
Flange type TY-FL: E

REF 139TA4787

Length L1: 407 mm
Diameter D1: 146 mm
Diameter D2: 41,5 mm
Diameter D3: 45 mm
Dimension L2: 500 mm
Flange type TY-FL: E

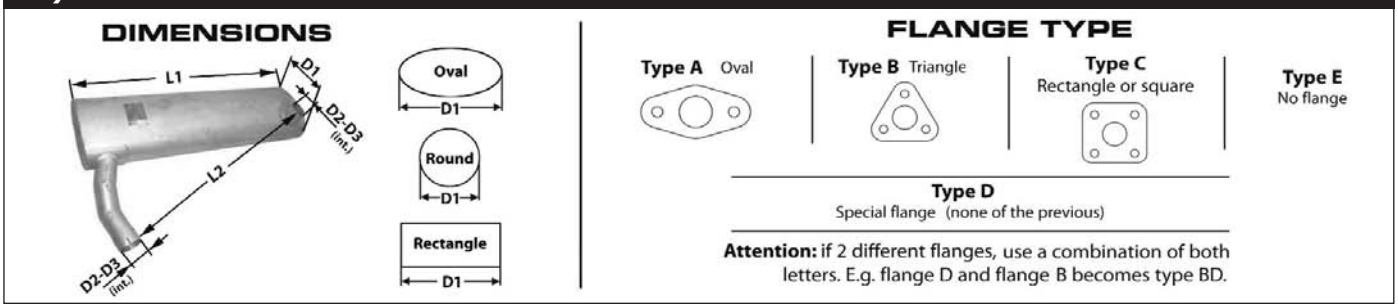
REF 105TA6871

Length L1: 410 mm
Diameter D1: 204 mm
Diameter D2: 40 mm
Diameter D3: 54 mm
Dimension L2: 15 mm
Flange type TY-FL: E

REF 139TA4788

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

C) CUSTOM REPLACEMENT CATALYST



Length L1: 415 mm
Diameter D1: 123 mm
Diameter D2: 38 mm
Diameter D3: 38 mm
Dimension L2: 347 mm
Flange type TY-FL: E

REF 139TA4789

Length L1: 415 mm
Diameter D1: 175 mm
Diameter D2: 47 mm
Diameter D3: 48 mm
Dimension L2: 670 mm
Flange type TY-FL: E

REF 139TA4790

Length L1: 415 mm
Diameter D1: 205 mm
Diameter D2: 53 mm
Diameter D3: 54 mm
Dimension L2: 470 mm
Flange type TY-FL: E

REF 139TA4791

Length L1: 421 mm
Diameter D1: 180 mm
Diameter D2: 40 mm
Diameter D3: 44 mm
Dimension L2: 555 mm
Flange type TY-FL: E

REF 139TA4792

Length L1: 422 mm
Diameter D1: 190 mm
Diameter D2: 32 mm
Diameter D3: 44,5 mm
Dimension L2: 560 mm
Flange type TY-FL: E

REF 139TA4793

Length L1: 447 mm
Diameter D1: 188 mm
Diameter D2: 38 mm
Diameter D3: 38 mm
Dimension L2: 522 mm
Flange type TY-FL: A

REF 139TA4794

Length L1: 450 mm
Diameter D1: 133 mm
Diameter D2: 44 mm
Diameter D3: 48 mm
Dimension L2: 440 mm
Flange type TY-FL: E

REF 139TA4795

Length L1: 470 mm
Diameter D1: 196 mm
Diameter D2: 41 mm
Diameter D3: 47,5 mm
Dimension L2: 680 mm
Flange type TY-FL: E

REF 139TA4796

Length L1: 470 mm
Diameter D1: 210 mm
Diameter D2: 47 mm
Diameter D3: 51 mm
Dimension L2: 710 mm
Flange type TY-FL: E

REF 139TA4797

Length L1: 500 mm
Diameter D1: 102 mm
Diameter D2: 35 mm
Diameter D3: 38,7 mm
Dimension L2: 450 mm
Flange type TY-FL: E

REF 139TA4798

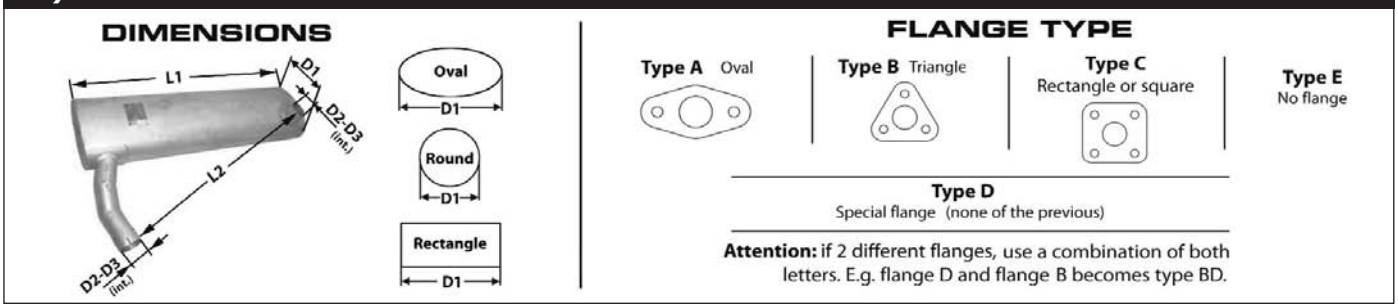
Length L1: 500 mm
Diameter D1: 190 mm
Diameter D2: 47 mm
Diameter D3: 49 mm
Dimension L2: 780 mm
Flange type TY-FL: E

REF 139TA4799

Length L1: 508 mm
Diameter D1: 210 mm
Diameter D2: 48 mm
Diameter D3: 51 mm
Dimension L2: 73 mm
Flange type TY-FL: E

REF 139TA4800

C) CUSTOM REPLACEMENT CATALYST



Length L1: 510 mm
Diameter D1: 215 mm
Diameter D2: 47,5 mm
Diameter D3: 51,5 mm
Dimension L2: 75 mm
Flange type TY-FL: E

REF 139TA4801

Length L1: 510 mm
Diameter D1: 218 mm
Diameter D2: 47 mm
Diameter D3: 51,7 mm
Dimension L2: 75 mm
Flange type TY-FL: E

REF 139TA4802

Length L1: 528 mm
Diameter D1: 202 mm
Diameter D2: 51 mm
Diameter D3: 51 mm
Dimension L2: 595 mm
Flange type TY-FL: E

REF 139TA4803

Length L1: 545 mm
Diameter D1: 270 mm
Diameter D2: 50 mm
Diameter D3: 60 mm
Dimension L2: 520 mm
Flange type TY-FL: D

REF 139TA4804

Length L1: 550 mm
Diameter D1: 210 mm
Diameter D2: 52 mm
Diameter D3: 66 mm
Dimension L2: 160 mm
Flange type TY-FL: D

REF 139TA4805

Length L1: 565 mm
Diameter D1: 230 mm
Diameter D2: 55 mm
Diameter D3: 60 mm
Dimension L2: 695 mm
Flange type TY-FL: E

REF 139TA4806

Length L1: 670 mm
Diameter D1: 205 mm
Diameter D2: 47,5 mm
Diameter D3: 52 mm
Dimension L2: 580 mm
Flange type TY-FL: E

REF 139TA4807

Length L1: 680 mm
Diameter D1: 213 mm
Diameter D2: 47 mm
Diameter D3: 52,5 mm
Dimension L2: 320 mm
Flange type TY-FL: E

REF 139TA4808

Length L1: 690 mm
Diameter D1: 340,5 mm
Diameter D2: 52 mm
Diameter D3: 70 mm
Dimension L2: 285 mm
Flange type TY-FL: E

REF 139TA4809

Length L1: 691 mm
Diameter D1: 343 mm
Diameter D2: 46,5 mm
Diameter D3: 66,5 mm
Dimension L2: 280 mm
Flange type TY-FL: E

REF 139TA4810

Length L1: 755 mm
Diameter D1: 110 mm
Diameter D2: 53 mm
Diameter D3: 54 mm
Dimension L2: 625 mm
Flange type TY-FL: E

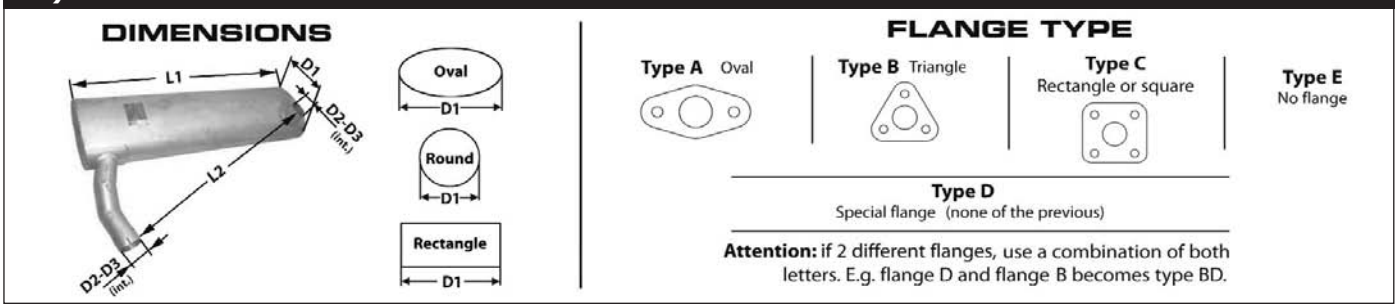
REF 139TA4811

Length L1: 1100 mm
Diameter D1: 275 mm
Diameter D2: 64 mm
Diameter D3: 67 mm
Dimension L2: 215 mm
Flange type TY-FL: E

REF 105TA6870

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

C) CUSTOM REPLACEMENT CATALYST



Length L1: 1325 mm
Diameter D1: 193 mm
Diameter D2: 45 mm
Diameter D3: 51,5 mm
Dimension L2: 133 mm
Flange type TY-FL: E

REF 139TA4812

PELLETS FOR CATALYTIC CONVERTER WITHOUT HONEYCOMB

REF 139TA5999

content: 1 l

For further information, please contact us.

TEMPORARY EXHAUST FILTERS (DIESEL & GASOLINE)

EXHAUST CLEANER FOR STARTING INSIDE BUILDINGS

complete filter:
REF 105TA2744

replacement element:
REF 105TA2745

This filter is an exhaust cleaner for **temporary use** of vehicles in factories, ships, workshops, exhibition halls etc...

The filter functions immediately on start, gives maximum flexibility indoors and is uneffected by moisture.

The filter removes all hazardous substances from the exhaust particles.

connecting cone:
d min. = 35 mm
d max. = 70 mm
REF 105TA2746

connecting cone:
d min. = 25 mm
d max. = 45 mm
REF 105TA2747

TECHNICAL DATA

For use inside buildings

particle separ.	>99,9 %
Co separ.	+/- 30 %
Nox separ.	+/- 60 %
Rc Ho separ.	+/- 90 %
Hc separ.	+/- 35 %
Max. engine	5,5 l cyl col
Max. rpm	2500 rpm
Max const. temp	200 °C
Max temp. 30 sec.	350 °C

Expected lifetime:

> 300 starts; for petrol (3,0 l engine)

>75 starts; for diesel (3,0 l engine)

Weight	0,4 kg

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

EXHAUST FUME WASHER (DIESEL)

- The exhaust fumes are led through a water bath.
- The water retains the soot.

Advantage: cost price.
Disadvantage: lower efficiency, daily maintenance.

WATER-MUFFLER FOR DIESEL EXHAUST GAS.

This type of water-muffler gives an answer to the problem of the "black smoke", which is caused by diesel engines. The muffler reduces the grade of smoke (black smoke) and soot by 85% and consequently a large part of all bad smelling and irritating substances with the help of an exhaust gas "cleaning" mechanism. Gases are finely passed through the cleaning fluid (water) in order to deposit all unburnt hydrocarbons, at the bottom of the tank, as a part of sulphurous compounds and aldehydes. These are the reason for the typical smell and grade of smoke of diesel engines. The exhaust gases reach a considerable temperature drop. In this way the transformation of nitric oxides into very noxious nitric dioxides is avoided. They are kept constantly under the flash point of eventual gases present in the working environment.

- It is an excellent silencer and spark quencher in corformity with explosion-proof standards CEI 31-11 and European standards CENELEC EN 50014 and 50018.
- Its temperature is lower than class "T5" (100 °C).
- Works as spark arrestor also without water.

MOUNTING:

It can be mounted on any part of the forklift, even if it is far away from the engine.

1. Remove the pre-existing muffler (in order to avoid an increase in back pressure).
2. Fix the muffler on the forklift chassis by means of the fitting brackets which are to be found on the lower part.
3. Connect the tube coming from the manifold to the inlet flange of the muffler by inserting a flexible tube section between them.

MAINTENANCE:

The maintenance is very simple, fast and economic. It simply requires the water replacement every 8 working hours.
First empty the tank, open the fitting tap and afterwards refill the tank with water.
Clean the muffler every 300 working hours.
Empty the water tank and wash the inside with a pressure water jet for 2 or 3 minutes.

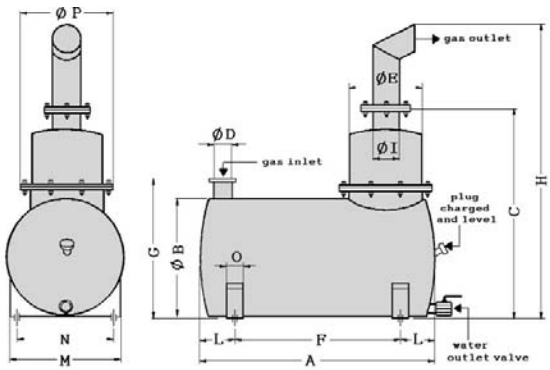
WARNING:

Do not use sea water (salt) or water containing chloride!

Soot filter additive

This product keeps the inside of the purifier clean and extends maintenance intervals.
TAM additive also improves purification by neutralizing sulphuric and sulphurous acids and nitrogen oxides. We recommend using a fresh dosage of TAM additive every time the body of water is replaced. The TAM additive is provided in convenient containers with screw caps holding a volume of 150 cc.

REF 124TA2654 (kit of 10 bottles)



REF	Engine power	A mm	Ø B mm	C mm	Ø D mm	Ø E mm	F mm	G mm	H mm	Ø I mm	L mm	M mm	N mm	O mm	Ø P mm
107TA1956	up to 15 kW (20 pk)	450	300	600	40	150	290	350	800	50	80	268	205	45	-
107TA1957	up to 37 kW (50 pk)	570	350	700	50	180	350	400	1380	80	110	303	230	60	230
107TA1958	up to 59 kW (80 pk)	660	350	700	50	200	430	400	1380	80	115	303	230	60	250
107TA1959	up to 81 kW (110 pk)	750	370	740	60	230	530	420	1420	80	110	342	280	70	280
107TA1960	up to 110 kW (150 pk)	950	400	740	80	300	620	450	-	100	165	362	290	70	350
107TA1961	up to 184 kW (250 pk)	1000	600	1000	100	400	750	650	-	100	125	556	480	100	450
107TA1962	up to 258 kW (350 pk)	1100	700	1100	120	420	800	750	-	120	150	610	520	100	470

SOOT FILTER WITH REPLACEABLE CARTRIDGES (DIESEL)

Soot filter replaceable elements:

- The soot is retained by a special replaceable filter element.
  - Advantage: 99,98 % efficiency.
  - Disadvantage: replacement of elements (every 300 to 400 hours).
- Please advise truck type + engine power + installation counterweight or installation on roof.

Function:

The "heart" of the soot filter is an interchangeable filter element that is composed of cellulose.
This element has the ability to withstand high temperatures (in comparison with an ordinary filter) and reduces the emission of diesel soot by 99%.

Composition:

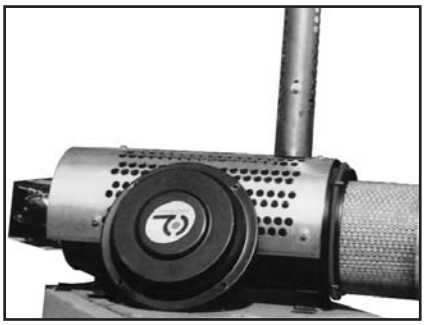
The system consists of a filter housing, with filter element, counter pressure valve + indicator, temperature safety valve + outlet valve and flexibles.
The filter is available for both assembly on the counter weight and assembly on the top.

Maintenance:

The element should be replaced every 300 to 400 hours, with normal use.

Please supply truck model, serial number and engine type

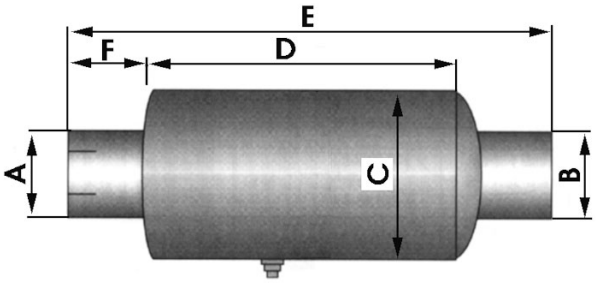
REF compl.	Engine power	Element	REF element
REF 107TA1966	80 pk	Ø11" 340 °C	REF 107TA1963 (2x)
REF 107TA1967	60 pk	Ø15" 320 °C	REF 102TA6003
REF 107TA1968	50 pk	Ø11" 320 °C	REF 107TA1965

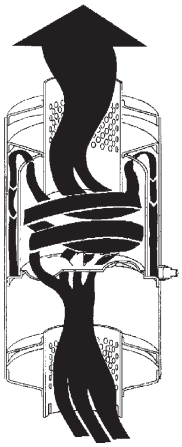


Donaldson.
Filtration Solutions

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

SPARK ARRESTORS



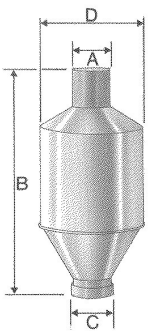


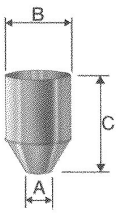
No more flames thanks to the centrifugal system

- Designed for universal application with a minimum of restriction on the engine.
- They work well as add-on units to existing exhaust systems. Their lightweight and small size reduces stress and vibration to the rest of the exhaust system.
- Typical applications include logging and construction equipment, agricultural machinery, over-the-road trucks, airport equipment, forestry and military vehicles.
- All arrestors exceed U.S. forestry requirements and are qualified and tested for vertical and horizontal installations under the U.S. forestry Service Standard 5100-1b.
- All inlets are slotted tube connections. Outlets are O.D. tubing.
- CFM rating is based on a pressure drop of 1 PSI.

inner ø A	outer ø B	C	D	E	F	CFM	l/min	REF
27 mm - 1,05″	32 mm - 1,25″	108 mm	81 mm	150 mm	33 mm	80	2266	122TA7586
38 mm - 1,50″	38 mm - 1,50″	108 mm	79 mm	150 mm	36 mm	165	4675	107TA1976
51 mm - 2,00″	51 mm - 2,00″	143 mm	163 mm	279 mm	51 mm	295	8357	108TA8876
64 mm - 2,50″	67 mm - 2,63″	143 mm	218 mm	325 mm	51 mm	450	12748	107TA1978
76 mm - 3,00″	80 mm - 3,13″	168 mm	259 mm	378 mm	64 mm	660	18696	104TA5741
89 mm - 3,50″	92 mm - 3,63″	194 mm	305 mm	447 mm	76 mm	900	25496	107TA1979
102 mm - 4,00″	105 mm - 4,13″	216 mm	371 mm	538 mm	86 mm	1180	33427	122TA7587
127 mm - 5,00″	130 mm - 5,13″	244 mm	406 mm	310 mm	102 mm	1840	52123	122TA7588
152 mm - 6,00″	156 mm - 6,13″	308 mm	559 mm	686 mm	51 mm	2650	75069	122TA7589

SPARK ARRESTORS

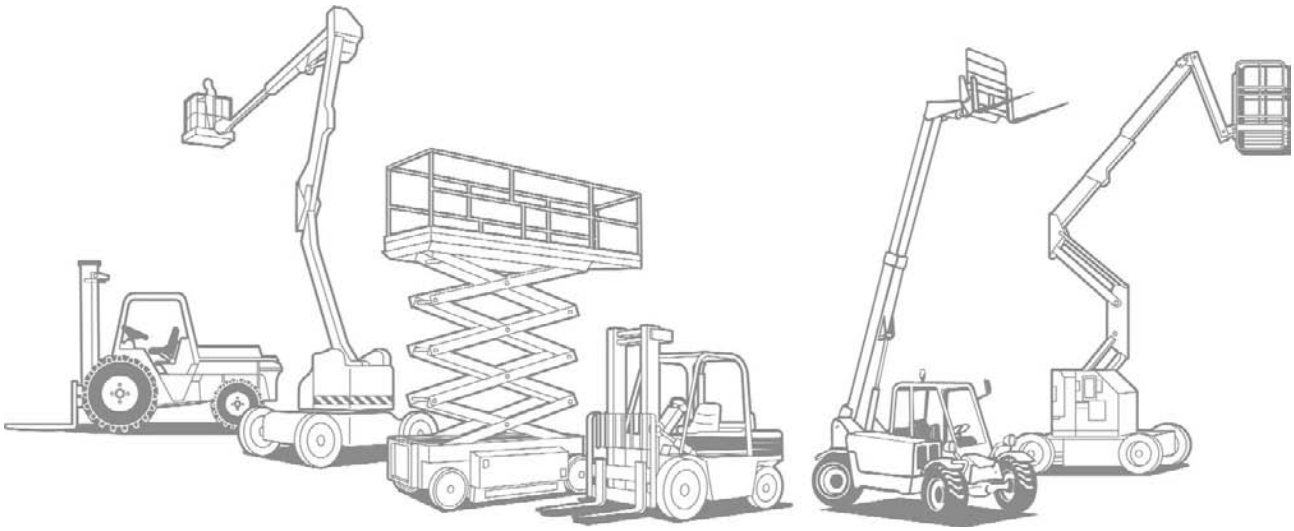




REF	Engine power pk	Engine power kW	Dimensions (mm) A	B	C	D
REF 107TA1974	25-65	18-48	70	335	70	188
REF 107TA1975	50-125	37-92	70	401	70	188

For further information, please contact us.

Part: 4
EXHAUST ACCESSORIES



DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

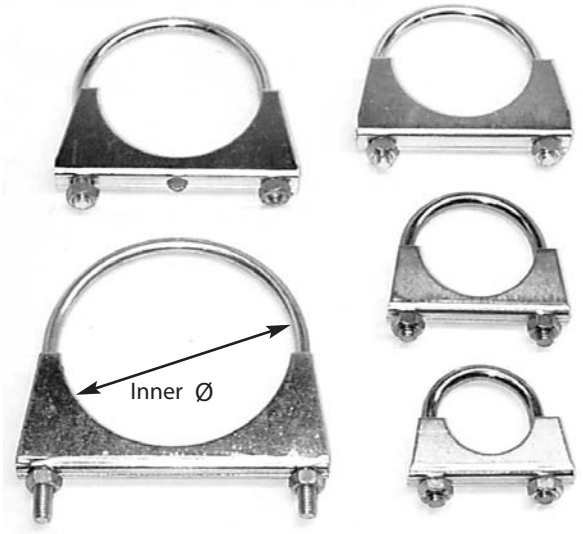
EXHAUST CAPS FOR FORKLIFT TRUCKS

Inner diameter (inch)	Inner diameter Ø (mm)	REF
2"	51	107TA1881
2" 1/4	57	107TA1882
2" 1/2	63	107TA1883
2" 3/4	70	107TA1884
3"	76	107TA1885
3" 1/2	89	107TA1886
4"	102	107TA1887

FLEXIBLE EXHAUST PIPES

Inner diameter	REF galvanized	REF inox
25 mm	139TA4653	-
30 mm	139TA4654	139TA4667
35 mm	139TA4655	139TA4668
38 mm	107TA1862	-
40 mm	107TA1864	107TA1863
42 mm	107TA1865	139TA4669
45 mm	107TA1867	107TA1866
48 mm	107TA1868	-
50 mm	107TA1872	107TA1869
55 mm	107TA1873	107TA1870
60 mm	107TA1874	107TA1871
65 mm	107TA1875	139TA4670
70 mm	107TA1878	107TA1876
75 mm	107TA1879	107TA1877
80 mm	107TA1880	139TA4671
85 mm	139TA4656	139TA4672
90 mm	139TA4657	139TA4673
95 mm	139TA4658	139TA4674
100 mm	139TA4659	139TA4675
110 mm	139TA4660	139TA4676
115 mm	139TA4661	139TA4677
120 mm	139TA4662	139TA4678
125 mm	139TA4663	139TA4679
128 mm	-	139TA4680
130 mm	139TA4664	-
140 mm	139TA4665	139TA4681
150 mm	139TA4666	139TA4682

STANDARD EXHAUST CLAMPS



Inner diameter (mm)	Inner diameter (inch)	Tube outer diameter (mm)	Tube outer diameter (inch)	REF
35	1" 3/8	32	1" 1/4	107TA1895
38	1" 1/2	35	1" 3/8	107TA1896
41	1" 5/8	38	1" 1/2	107TA1897
44	1" 3/4	41	1" 5/8	107TA1898
48	1" 7/8	44	1" 3/4	107TA1899
51	2"	48	1" 7/8	107TA1900
54	2" 1/8	51	2"	107TA1901
58	2" 1/4	54	2" 1/8	107TA1902
60	2" 3/8	57	2" 1/4	107TA1903
67	2" 5/8	63	2" 1/2	107TA1904
73	2" 7/8	67	2" 3/4	107TA1905
79	3" 1/8	76	3"	107TA1906
105	4" 1/8	102	4"	107TA1907

HEAVY DUTY EXHAUST CLAMPS

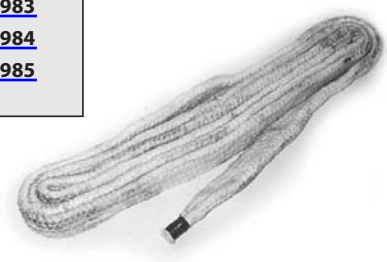
Inner diameter (mm)	Inner diameter (inch)	REF
54	2" 1/8	107TA1888
67	2" 5/8	107TA1889
73	2" 7/8	107TA1890
79	3" 1/8	107TA1891
86	3" 3/8	107TA1892
92	3" 5/8	107TA1893
113	4" 7/16	107TA1894

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

PIPE EXHAUST SLEEVE

SOLD PER METRE

	REF
Ø 40	REF 107TA1981
Ø 45	REF 107TA1982
Ø 50	REF 107TA1983
Ø 57	REF 107TA1984
Ø 76	REF 107TA1985



HEAT RESISTANT EXHAUST WRAPPING

REF 111TA4010
- Heat resistant
- Length: 50 metre roll
- Width: 30 mm

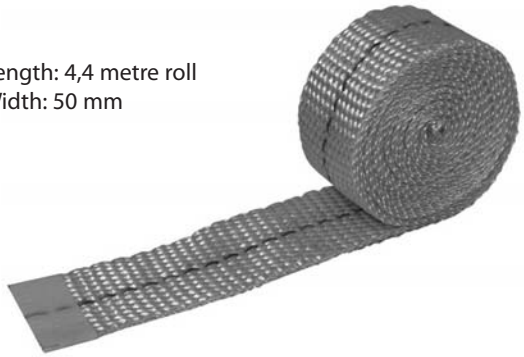
REF 107TA1993
- Heat resistant
- Length: 25 metre roll
- Width: 30 mm

DIESEL FUEL TREATMENT

REF 107TA1989
Improved diesel combustion
500 ml

INSULATION

- Length: 4,4 metre roll
- Width: 50 mm



REF 139TA5316

EXHAUST MOUNTING PASTE

REF 107TA7713
High temperature paste
200 gram

HEAT RESISTANT PAINT

REF 107TA1990
Black
400 ml

REF 107TA1991
Silver
400 ml

HEAT RESISTANT GLOVES

REF 107TA1988
Heat resistant glove
resists against heat up to 600 °C (32 sec.)

HEAT RESISTANT GLOVES

REF 107TA1987
Heat resistant glove
resists against heat up to 350 °C (15 sec.)

COPPER SPRAY

REF 107TA1986
Copper spray
400 ml

EXHAUST REPAIR

REF 139TA4852

EXHAUST REPAIR PASTE

REF 107TA1992
The quick repair for sound absorbers and outlet systems.

GREASE

REF 139TA5427
400 gr

SUPPORT

REF 139TA5321

CLAMP

REF 139TA5326

CLAMP

REF 139TA5319

CLAMP

REF 139TA5320

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

PIPE CUTTER

REF 111TA1914
Diameter: 19 - 76 mm

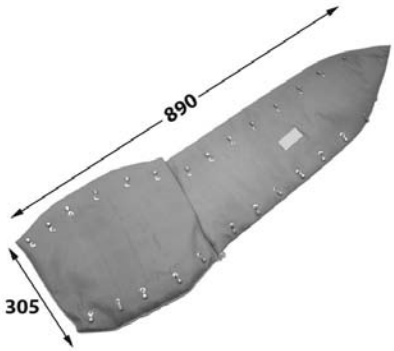
PIPE EXPANDER

REF 111TA1915
28 - 43 mm

PIPE EXPANDER

REF 111TA1916
43 - 64 mm

MULTILAYER INSULATION

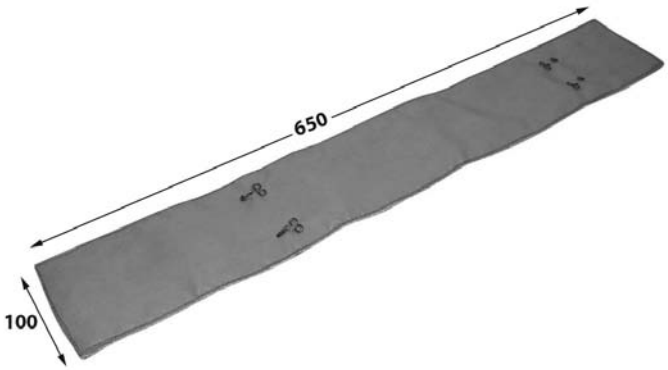


REF 139TA4833

MULTILAYER INSULATION

REF 139TA5239

MULTILAYER INSULATION

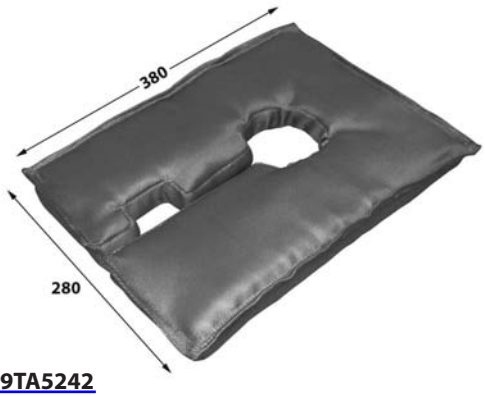


REF 139TA5240

MULTILAYER INSULATION

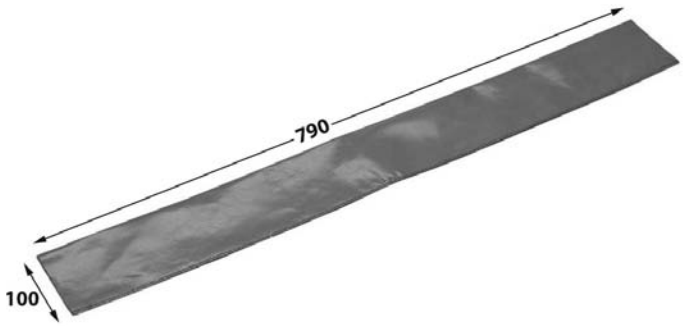
REF 139TA5241

MULTILAYER INSULATION



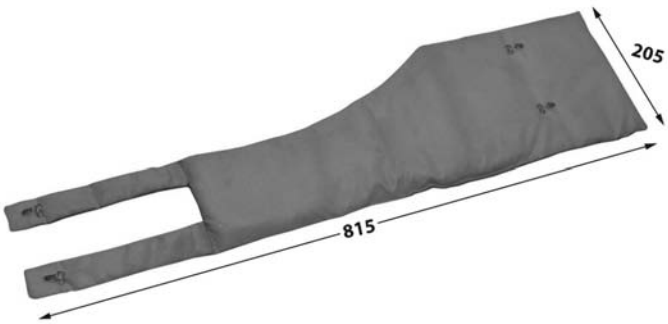
REF 139TA5242

MULTILAYER INSULATION



REF 139TA5243

MULTILAYER INSULATION



REF 139TA5244

MULTILAYER INSULATION

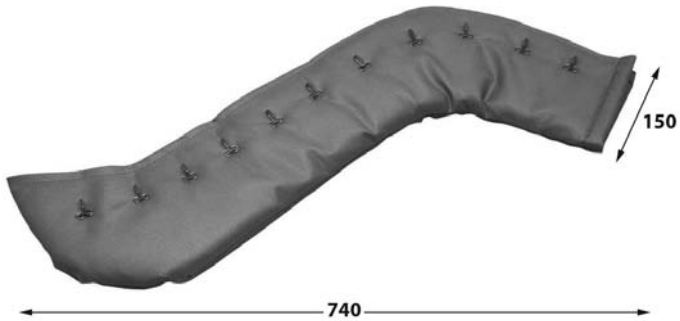
REF 139TA5245

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

MULTILAYER INSULATION

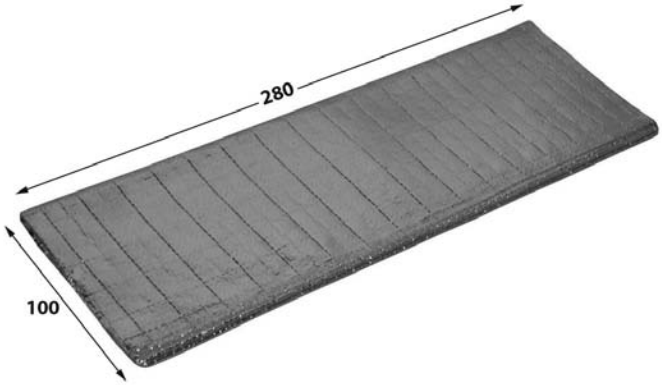
REF 139TA5246

MULTILAYER INSULATION



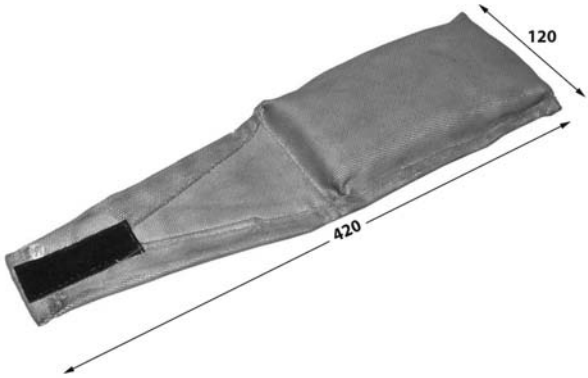
REF 139TA5247

MULTILAYER INSULATION



REF 139TA5248

MULTILAYER INSULATION



REF 139TA5249

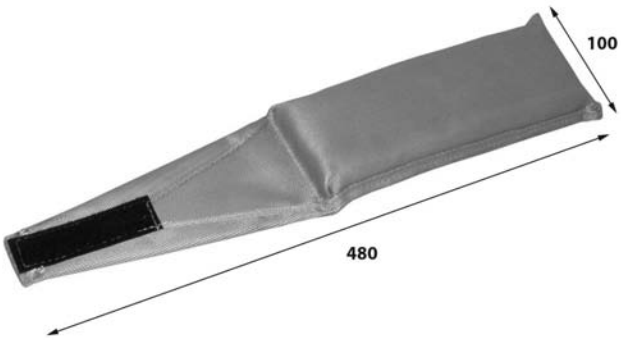
MULTILAYER INSULATION

REF 139TA5250

MULTILAYER INSULATION

REF 139TA5253

MULTILAYER INSULATION



REF 139TA5254

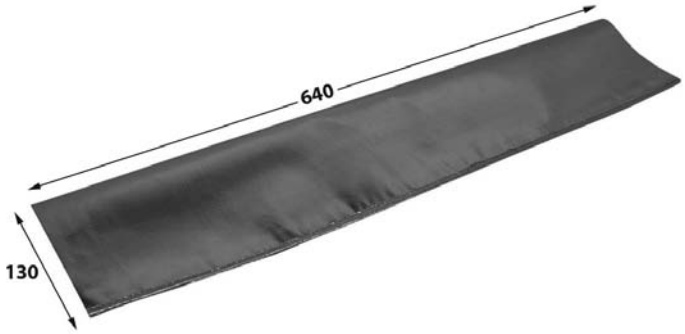
MULTILAYER INSULATION

REF 139TA5269

MULTILAYER INSULATION

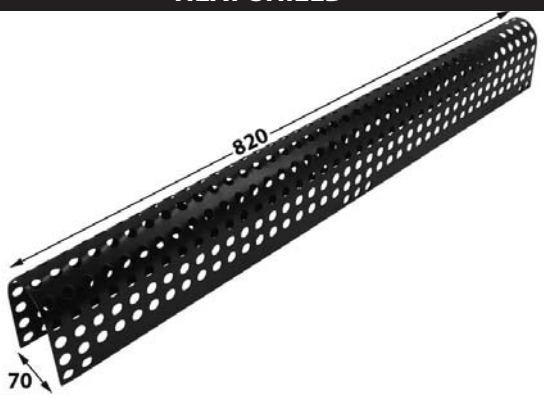
REF 139TA5311

MULTILAYER INSULATION



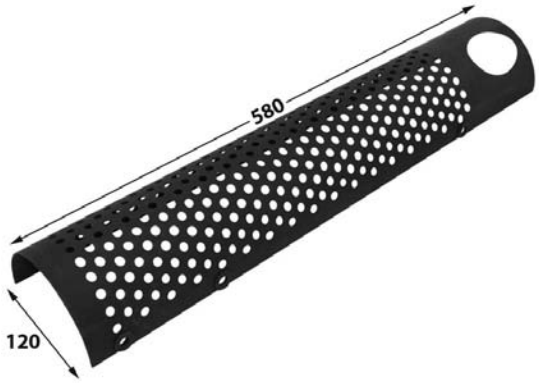
REF 139TA5324

HEAT SHIELD



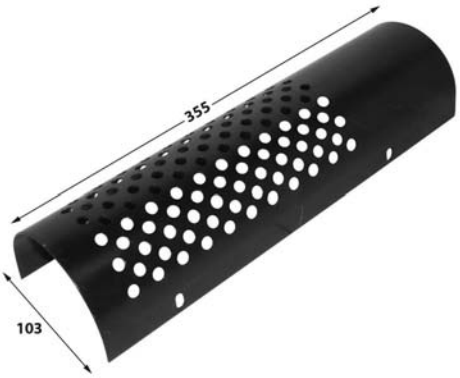
REF 139TA5325

HEAT SHIELD



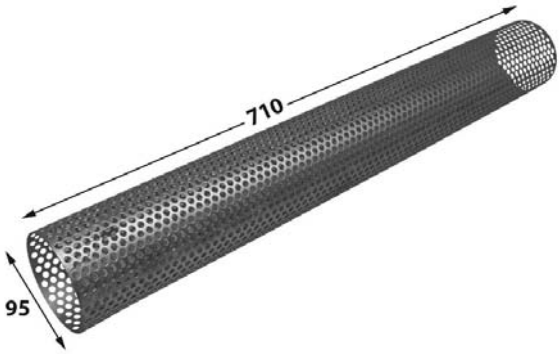
REF 139TA5428

HEAT SHIELD



REF 139TA5323

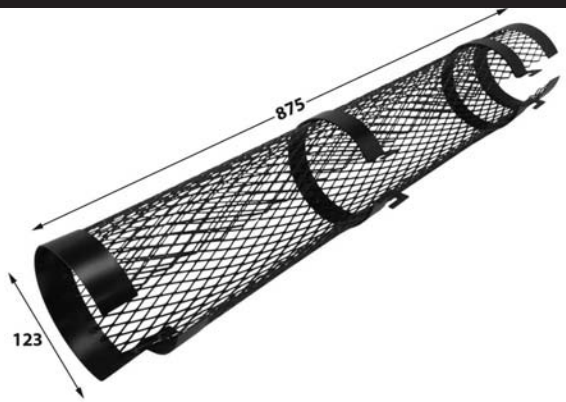
HEAT SHIELD



REF 139TA5280

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

HEAT SHIELD



REF 139TA5270

HEAT SHIELD

REF 139TA5272

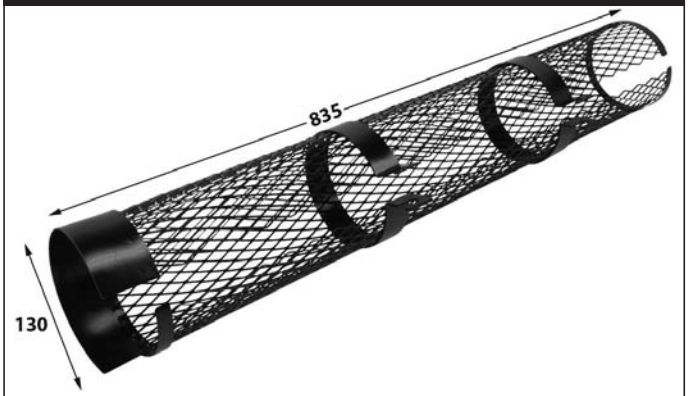
HEAT SHIELD

REF 139TA5275

HEAT SHIELD

REF 139TA5276

HEAT SHIELD



REF 139TA5277

HEAT SHIELD

REF 139TA5278

HEAT SHIELD

REF 139TA5279

SEAL

REF 139TA4834
Ø D = 57 mm Ø d = 45 mm
thickness = 5,7 mm

SEAL

REF 139TA4835
Ø D = 68,5 mm Ø d = 55,2 mm
thickness = 5 mm

SEAL

REF 139TA4836
Ø D = 63,5 mm Ø d = 43,5 mm
thickness = 10 mm

SEAL

REF 139TA4837
Ø D = 51,3 mm Ø d = 43 mm
thickness = 4 mm

SEAL

REF 139TA4838
Ø D = 63 mm Ø d = 36 mm
thickness = 13 mm

SEAL

REF 139TA4839
Ø D = 60 mm Ø d = 42 mm
thickness = 25 mm

SEAL

REF 139TA4840
Ø D = 46 mm Ø d = 38,5 mm
thickness = 4 mm

SEAL

REF 139TA4841
Ø D = 67 mm Ø d = 44 mm
thickness = 30 mm

SEAL

REF 139TA4842
Ø D = 63 mm Ø d = 49,5 mm
thickness = 5 mm

SEAL

REF 139TA4843
Ø D = 79 mm Ø d = 66 mm
thickness = 5 mm

SEAL

REF 139TA4844
Ø D = 62 mm Ø d = 43 mm
thickness = 0,7 mm

SEAL

REF 139TA4845
Ø D = 93 mm Ø d = 56 mm
thickness = 1,5 mm

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

SEAL

REF 139TA4846
Ø D = 83 mm Ø d = 50 mm
height = 42 mm

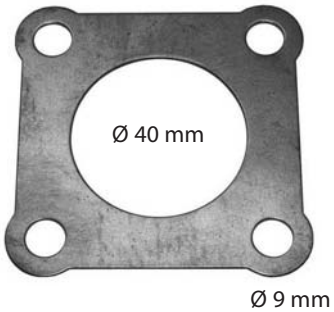
SEAL

REF 139TA4850
Ø D = 64 mm Ø d = 51,5 mm
thickness = 16 mm

SEAL

REF 139TA5281
Ø D = 59 mm Ø d = 43 mm
thickness = 21 mm

SEAL

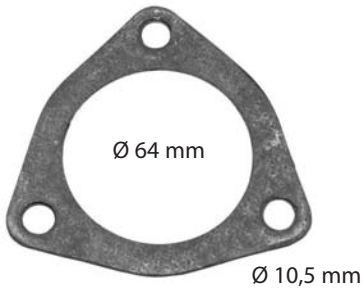


REF 139TA4847
width = 68 mm height = 68 mm
thickness = 1 mm

SEAL

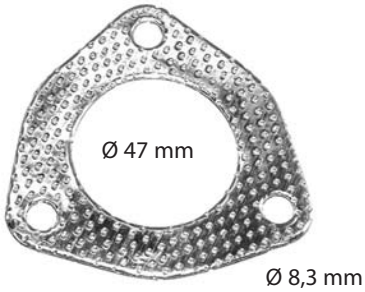
REF 139TA4848
width = 73,3 mm height = 48 mm
thickness = 2,2 mm

SEAL



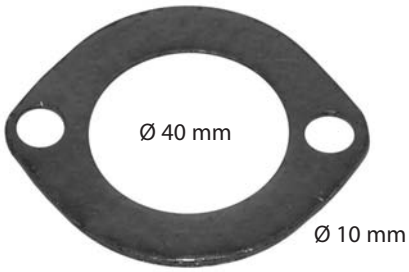
REF 139TA4849
width = 100 mm height = 100 mm
thickness = 2,3 mm

SEAL



REF 139TA4851
H = 87 mm W = 87 mm
thickness = 1,6 mm

SEAL



REF 139TA5286
width = 74 mm
thickness = 2 mm

SEAL

REF 139TA5329
width = 91 mm height = 44 mm
thickness = 0,7 mm

SEAL

REF 139TA5283
Ø D = 50,8 mm Ø d = 43 mm
thickness = 4 mm

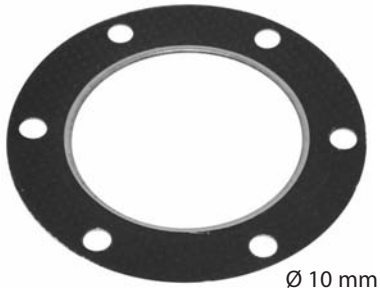
SEAL

REF 139TA5285
Ø D = 52 mm Ø d = 37,5 mm
thickness = 7,5 mm

SEAL

REF 139TA5297
Ø D = 64 mm Ø d = 52 mm
thickness = 11,5 mm

SEAL

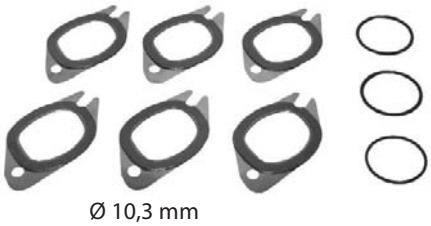


REF 139TA5298
Ø D = 140 mm Ø d = 90 mm

SEAL

REF 139TA5299
Ø D = 57 mm Ø d = 43 mm
height = 8,6 mm

SEAL



REF 139TA5300
Ø D = 56 mm Ø d = 51 mm H = 1,5 mm
width = 121,7 mm height = 72 mm

SEAL

REF 139TA5301
Ø D = 58,7 mm Ø d = 46 mm
height = 8,2 mm

SEAL

REF 139TA5304
Ø D = 65 mm Ø d = 50 mm
height = 5 mm

SEAL

REF 139TA5322
Ø D = 98 mm Ø d = 64 mm
height = 14,7 mm

SEAL

REF 139TA5327
Ø D = 62,5 mm Ø d = 51,5 mm
height = 10 mm

SEAL

REF 139TA5328
Ø D = 70 mm Ø d = 58 mm
height = 23 mm

SEAL

REF 139TA5429
Ø D = 60,4 mm Ø d = 51,5 mm
height = 2,5 mm

SEAL

REF 139TA5430
Ø D = 53 mm Ø d = 44 mm
height = 11 mm

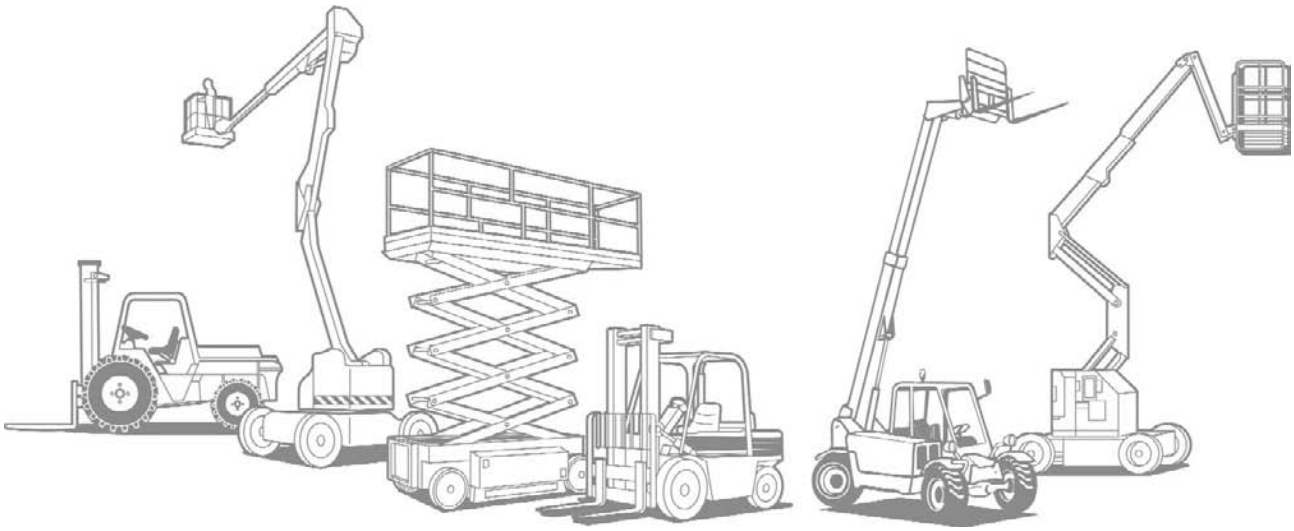
SEAL

REF 139TA5431
Ø D = 70 mm Ø d = 57 mm
height = 12,6 mm

DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

NOTES

Part: 5
TOOLS & MEASURING INSTRUMENTS



DES Fördertechnik
Matthias Manzeit
Tel. +49 (0) 228 243 666 88

ANALYZERS 4-5 GAZ

How do you check the emissions of your lift trucks?
The IMPCO portable gas analyzer allows you to establish new criteria for use, user-friendliness and interpretation of measurements.

Weight: 1,1 kg.
Can be held in one hand and has an autonomy of several hours thanks to its built-in battery. The internal memory stores up to 150 measurements of exhaust fumes, performed by controlled applications.

The infrared detection system, a unique feature on devices in this range, can display up to 4 measurements at the same time, and has an optional illuminated display. (Nox optional)

A PC link cable and infrared controlled printer are available separately.

With an accuracy as good as any other quality device, the IMPCO gas analyzer is perfectly adapted to the material handling, the pre-conformity test and test on engine diagnostics and tune-up.

The IMPCO analyzer can even be used under changing atmospheric pressure and temperatures.

Field of operation:
All thermic ignition-based applications

Advantages:
For all gasoline, LPG, NGV applications
Measures: CO, HC, CO_2, O_2, Lambda,
NO_x optional
Temperature and RPM probe
Easy to use and to read
Up to 150 measurements stored in memory
Automatic calibration
Autonomy: up to 8 hours stand-by
Input: 12, 110, 220 V

NEW IN PROGRAMME

REF 122TA7541

Analyzer 4 gas (CO, HC, CO_2, O_2), OIML Class 1 certified

- Shockproof, identification IMPCO
- Trapdoor for water and filter (5 filters included)
- Charger 12 VAC
- Escape borer
- Multilingual interface English, German, French, Spanish and Dutch
- Transport suitcase and instruction leaflet
- PC link cable and infrared printer available separately

REF 122TA7542

Analyzer 4 gas (CO, HC, CO_2, O_2), not OIML Class 1 certified

- Shockproof, identification IMPCO
- Trapdoor for water and filter (5 filters included)
- Charger 12 VAC
- Escape borer
- Multilingual interface English, German, French, Spanish and Dutch
- Transport suitcase and instruction leaflet
- PC link cable and infrared printer available separately

REF 122TA7543

Analyzer 5 gas (CO, HC, CO_2, O_2) identical to model 122TA7541 with NO_x module and certificate OIML Class 1
- PC link cable and infrared printer available separately

REF 122TA7544

Analyzer 5 gas (CO, HC, CO_2, O_2) identical to model 122TA7541 with NO_x module and certificate OIML Class 1

- Specific transport suitcase
- Feeding cable
- Portable infrared printer
- Oil temperature and RPM borers
- PC link cable and infrared printer included

REF 122TA7545

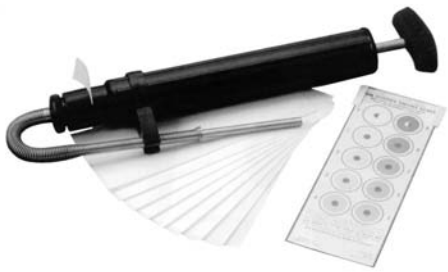
Analyzer 5 gas (CO, HC, CO_2, O_2) identical to model 122TA7541 with NO_x module but without certificate OIML Class 1
- PC link cable and infrared printer available separately

	Maximum range	Normal range	Resolution
CO	20%	5%	0,01
HC	10 000 ppm	2000 ppm	1
O_2	25%	21%	0,02
CO_2	20%	16%	0,1
NO_x	0 - 5000 ppm	5000 ppm	1

Device	Dimensions 240 x 135 x 160 mm Weight 1,1 kg
Range of operation	from +5 °C to +40 °C
Environment	860 - 1060 hPa
Power supply	12, 110, 230 V
Autonomy	8 hours stand-by 4 hours operational
Memory	Up to 150 registered measurements

Supplied with a rubber protection sleeve, a water reservoir and filter, a transport case, a sectorial charger/adapter, an exhaust pipe probe, a RPM probe and an oil temperature probe.

SMOKE TEST SET



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.

REF 106TA6388

CARBON MONOXIDE ANALYZER

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

REF 106TA6390

PRESSURE GAUGE

REF 107TA1980
To check the back pressure between the engine and the catalyst.

For further information, please contact us.