



A registered trademark of SNA Europe Group

2011

2011

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Metalcutting saws





BANDSAW BLADES

SANDFLEX® Cobra

Production cutting of large sections. multipurpose, job shop cutting and non-ferrous cutting



mm	TPI		
27 x 0.9	6/10	1	3851-27-0.9-6/10
27 x 0.9	8/12	1	3851-27-0.9-8/12
34 x 1.1	2 PS	1	3851-34-1.1-P-2
34 x 1.1	3 PS	1	3851-34-1.1-P-3
34 x 1.1	2/3 CP	1	3851-34-1.1-2/3
34 x 1.1	3/4 CP	1	3851-34-1.1-3/4
34 x 1.1	4/6 CP	1	3851-34-1.1-4/6
34 x 1.1	5/8 CP	1	3851-34-1.1-5/8
34 x 1.1	6/10	1	3851-34-1.1-6/10
41 x 1.3	2 PS	1	3851-41-1.3-P-2
41 x 1.3	1.4/2 PR	1	3851-41-1.3-1.4/2
41 x 1.3	2/3 CP	1	3851-41-1.3-2/3
41 x 1.3	3/4 CP	1	3851-41-1.3-3/4
41 x 1.3	4/6 CP	1	3851-41-1.3-4/6
41 x 1.3	5/8 CP	1	3851-41-1.3-5/8
54 x 1.3	2/3 CP	1	3851-54-1.3-2/3
54 x 1.3	3/4 CP	1	3851-54-1.3-3/4
54 x 1.3	4/6 CP	1	3851-54-1.3-4/6
54 x 1.6	1/1.4 PR	1	3851-54-1.6-1/1.4
54 x 1.6	1.4/2 PR	1	3851-54-1.6-1.4/2
54 x 1.6	2/3 CP	1	3851-54-1.6-2/3
54 x 1.6	3/4 CP	1	3851-54-1.6-3/4
67 x 1.6	.7/1 PR	1	3851-67-1.6-.7/1
67 x 1.6	1/1.4 PR	1	3851-67-1.6-1/1.4
80 x 1.6	.7/1 PR	1	3851-80-1.6-.7/1
80 x 1.6	1/1.4 PR	1	3851-80-1.6-1/1.4

3851

mm	TPI		
6 x 0.6	10/14	1	3851-6-0.6-10/14
6 x 0.6	6 H	1	3851-6-0.6-H-6
6 x 0.9	10/14	1	3851-6-0.9-10/14
6 x 0.9	6 H	1	3851-6-0.9-H-6
10 x 0.6	10/14	1	3851-10-0.6-10/14
10 x 0.6	4 H	1	3851-10-0.6-H-4
10 x 0.6	6 H	1	3851-10-0.6-H-6
10 x 0.9	10/14	1	3851-10-0.9-10/14
10 x 0.9	4 H	1	3851-10-0.9-H-4
10 x 0.9	6 H	1	3851-10-0.9-H-6
13 x 0.5	10/14	1	3851-13-0.5-10/14
13 x 0.5	14/18	1	3851-13-0.5-14/18
13 x 0.5	24 R	1	3851-13-0.5-R-24
13 x 0.6	10/14	1	3851-13-0.6-10/14
13 x 0.6	5/8 CP	1	3851-13-0.6-5/8
13 x 0.6	6/10	1	3851-13-0.6-6/10
13 x 0.6	8/12	1	3851-13-0.6-8/12
13 x 0.6	4 H	1	3851-13-0.6-H-4
13 x 0.6	6 H	1	3851-13-0.6-H-6
13 x 0.6	4 HA	1	3851-13-0.6-HA-4
13 x 0.6	6 HA	1	3851-13-0.6-HA-6
13 x 0.9	6/10	1	3851-13-0.9-6/10
13 x 0.9	10/14	1	3851-13-0.9-10/14
13 x 0.9	3 H	1	3851-13-0.9-H-3
13 x 0.9	4 H	1	3851-13-0.9-H-4
13 x 0.9	4 HA	1	3851-13-0.9-HA-4
20 x 0.9	10/14	1	3851-20-0.9-10/14
20 x 0.9	4/6 CP	1	3851-20-0.9-4/6
20 x 0.9	5/8 CP	1	3851-20-0.9-5/8
20 x 0.9	6/10	1	3851-20-0.9-6/10
20 x 0.9	8/12	1	3851-20-0.9-8/12
20 x 0.9	3 HA	1	3851-20-0.9-HA-3
27 x 0.9	10/14	1	3851-27-0.9-10/14
27 x 0.9	2 HA	1	3851-27-0.9-HA-2
27 x 0.9	3 HA	1	3851-27-0.9-HA-3
27 x 0.9	3 PS	1	3851-27-0.9-P-3
27 x 0.9	4 PS	1	3851-27-0.9-P-4
27 x 0.9	2/3 CP	1	3851-27-0.9-2/3
27 x 0.9	3/4 CP	1	3851-27-0.9-3/4
27 x 0.9	4/6 CP	1	3851-27-0.9-4/6
27 x 0.9	5/8 CP	1	3851-27-0.9-5/8

SANDFLEX® Cobra

Production cutting of small to medium sections





3851-PSG™

mm	TPI		
27 x 0.9	2/3 PSG	1	3851-27-0.9-PSG-2/3
27 x 0.9	3/4 PSG	1	3851-27-0.9-PSG-3/4
27 x 0.9	4/6 PSG	1	3851-27-0.9-PSG-4/6
34 x 1.1	2/3 PSG	1	3851-34-1.1-PSG-2/3
34 x 1.1	3/4 PSG	1	3851-34-1.1-PSG-3/4
34 x 1.1	4/6 PSG	1	3851-34-1.1-PSG-4/6
41 x 1.3	1.4/2 PSG	1	3851-41-1.3-PSG-1.4/2
41 x 1.3	2/3 PSG	1	3851-41-1.3-PSG-2/3
41 x 1.3	3/4 PSG	1	3851-41-1.3-PSG-3/4
41 x 1.3	4/6 PSG	1	3851-41-1.3-PSG-4/6
54 x 1.6	1.4/2 PSG	1	3851-54-1.6-PSG-1.4/2
54 x 1.6	2/3 PSG	1	3851-54-1.6-PSG-2/3
54 x 1.6	3/4 PSG	1	3851-54-1.6-PSG-3/4

SANDFLEX® King Cobra® and PQ
Production cutting of large sections



3854-PHG™



mm	TPI			
27 x 0.9	3/4 PHG	1		3854-27-0.9-PHG-3/4
27 x 0.9	4/6 PHG	1		3854-27-0.9-PHG-4/6
34 x 1.1	2/3 PHG	1		3854-34-1.1-PHG-2/3
34 x 1.1	3/4 PHG	1		3854-34-1.1-PHG-3/4
34 x 1.1	4/6 PHG	1		3854-34-1.1-PHG-4/6
34 x 1.1	2/3 PQ	1		3854-34-1.1-PQ-2/3
41 x 1.3	1.4/2 PHG	1		3854-41-1.3-PHG-1.4/2
41 x 1.3	2/3 PHG	1		3854-41-1.3-PHG-2/3
41 x 1.3	3/4 PHG	1		3854-41-1.3-PHG-3/4
41 x 1.3	2/3 PQ	1		3854-41-1.3-PQ-2/3
41 x 1.3	3/4 PQ	1		3854-41-1.3-PQ-3/4
54 x 1.6	.7/1 PHG	1		3854-54-1.6-PHG-.7/1
54 x 1.6	1.4/2 PHG	1		3854-54-1.6-PHG-1.4/2
54 x 1.6	2/3 PHG	1		3854-54-1.6-PHG-2/3
54 x 1.6	.9/1.2 PQ	1		3854-54-1.6-PQ-.9/1.2
54 x 1.6	1.4/2 PQ	1		3854-54-1.6-PQ-1.4/2
67 x 1.6	.7/1 PHG	1		3854-67-1.6-PHG-.7/1
67 x 1.6	1.4/2 PHG	1		3854-67-1.6-PHG-1.4/2
67 x 1.6	1/1.4 PHG	1		3854-67-1.6-PHG-1/1.4
67 x 1.6	.9/1.2 PQ	1		3854-67-1.6-PQ-.9/1.2
80 x 1.6	PQ.9/1.2	1		3854-80-1.6-PQ-.9/1.2



Carbide Triple Set® "Xtra"
Production cutting of large sections





3868

mm	TPI			
34x1.1	2 TSX	1		3868-34-1.1-TSX-2
34x1.1	2/3 TSX	1		3868-34-1.1-TSX-2/3
34x1.1	3/4 TSX	1		3868-34-1.1-TSX-3/4
41x1.3	1,6 TSX	1		3868-41-1.3-TSX-1.6
41x1.3	2 TSX	1		3868-41-1.3-TSX-2
41x1.3	2/3 TSX	1		3868-41-1.3-TSX-2/3
41x1.3	3/4 TSX	1		3868-41-1.3-TSX-3/4
41x1.3	1,4/2 TSX	1		3868-41-1.3-TSX-1.4/2
54x1.3	1,4/2 TSX	1		3868-54-1.3-TSX-1.4/2
54x1.6	1.6 TSX	1		3868-54-1.6-TSX-1.6
54x1.6	2 TSX	1		3868-54-1.6-TSX-2
54x1.6	2/3 TSX	1		3868-54-1.6-TSX-2/3
54x1.6	3/4 TSX	1		3868-54-1.6-TSX-3/4
54x1.6	1,4/2 TSX	1		3868-54-1.6-TSX-1.4/2
54x1.6	1/1,25 TSX	1		3868-54-1.6-TSX-1/1.25
67x1.6	1/1,25 TSX	1		3868-67-1.6-TSX-1/1.25
67x1.6	1,4/2 TSX	1		3868-67-1.6-TSX-1.4/2
67x1.6	.7/1 TSX	1		3868-67-1.6-TSX-.7/1
80x1.6	.7/1 TSX	1		3868-80-1.6-TSX-.7/1

3881 Carbide Multi Chip



3881

mm	TPI			
34 x 1.1	2/3 THQ	1		3881-34-1.1-THQ-2/3
41 x 1.3	1.4/2 THQ	1		3881-41-1.3-THQ-1.4/2
41 x 1.3	2/3 THQ	1		3881-41-1.3-THQ-2/3
54 x 1.6	1.4/2 THQ	1		3881-54-1.6-THQ-1.4/2
54 x 1.6	2/3 THQ	1		3881-54-1.6-THQ-2/3
54 x 1.6	1/1.25 THS	1		3881-54-1.6-THS-1/1.25
67 x 1.6	1.4/2 THQ	1		3881-67-1.6-THQ-1.4/2
67 x 1.6	1.4/2 THS	1		3881-67-1.6-THS-1.4/2
67 x 1.6	1/1.25 THS	1		3881-67-1.6-THS-1/1.25
80 x 1.6	1/1.25 THQ	1		3881-80-1.6-THQ-1/1.25
80 x 1.6	.7/1 THS	1		3881-80-1.6-THS-.7/1



BANDSAW BLADES

3860 Unset Carbide Bandsaw.

For high efficiency cutting of difficult and abrasive materials



3860

mm	TPI			
41x1.3	1.4/2	1		3860-41-1.3-TMC-1.4/2
54x1.6	1.4/2	1		3860-54-1.6-TMC-1.4/2-W
54x1.6	1/1.25	1		3860-54-1.6-TMC-1/1.25
67x1.6	1.4/2	1		3860-67-1.6-TMC-1.4/2
67x1.6	1.4/2	1		3860-67-1.6-TMC-1.4/2-W
67x1.6	1/1.25	1		3860-67-1.6-TMC-1/1.25
80x1.6	.7/1	1		3860-80-1.6-TMC-.7/1
54x1.6	1.4/2	1		3860-54-1.6-TMC-1.4/2

SANDFLEX® Top Fabricator

For structurals, bundle and tube cutting

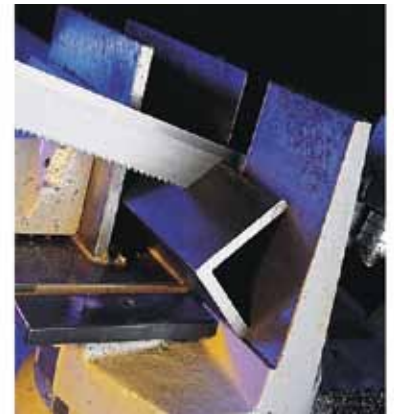


3853

mm	TPI			
27 x 0.9	3/4 PF	1		3853-27-0.9-3/4
27 x 0.9	4/6 PF	1		3853-27-0.9-4/6
27 x 0.9	5/8 PF	1		3853-27-0.9-5/8
34 x 1.1	2/3 PF	1		3853-34-1.1-2/3
34 x 1.1	3/4 PF	1		3853-34-1.1-3/4
34 x 1.1	4/6 PF	1		3853-34-1.1-4/6
34 x 1.1	5/8 PF	1		3853-34-1.1-5/8
41 x 1.3	2/3 PF	1		3853-41-1.3-2/3
41 x 1.3	3/4 PF	1		3853-41-1.3-3/4
41 x 1.3	4/6 PF	1		3853-41-1.3-4/6
41 x 1.3	5/8 PF	1		3853-41-1.3-5/8
54 x 1.6	2/3 PF	1		3853-54-1.6-2/3
54 x 1.6	3/4 PF	1		3853-54-1.6-3/4
54 x 1.6	4/6 PF	1		3853-54-1.6-4/6
67 x 1.6	2/3 PF	1		3853-67-1.6-2/3
67 x 1.6	3/4 PF	1		3853-67-1.6-3/4

EASY CUT

General Purpose Bandsaw Blade



3857

mm	TPI			
13 x 0.6	S	1		3857-13-0.6-EZ-S
13 x 0.6	L	1		3857-13-0.6-EZ-L
20 x 0.9	S	1		3857-20-0.9-EZ-S
20 x 0.9	M	1		3857-20-0.9-EZ-M
20 x 0.9	L	1		3857-20-0.9-EZ-L
27 x 0.9	S	1		3857-27-0.9-EZ-S
27 x 0.9	M	1		3857-27-0.9-EZ-M
27 x 0.9	L	1		3857-27-0.9-EZ-L
34 x 1.1	S	1		3857-34-1.1-EZ-S
34 x 1.1	M	1		3857-34-1.1-EZ-M
34 x 1.1	L	1		3857-34-1.1-EZ-L

Carbide Grit Edge





3866

mm	TPI			
6 x 0.5	G F	1		3866-6-0.5-G-F
10 x 0.6	G M	1		3866-10-0.6-G-M
13 x 0.6	C M	1		3866-13-0.6-C-M
13 x 0.6	G M	1		3866-13-0.6-G-M
13 x 0.6	G MC	1		3866-13-0.6-G-MC
20 x 0.8	G M	1		3866-20-0.8-G-M
20 x 0.8	G MC	1		3866-20-0.8-G-MC
27 x 0.9	C M	1		3866-27-0.9-C-M
27 x 0.9	C MC	1		3866-27-0.9-C-MC
27 x 0.9	G C	1		3866-27-0.9-G-C
27 x 0.9	G MC	1		3866-27-0.9-G-MC
34 x 1.1	G C	1		3866-34-1.1-G-C
41 x 1.3	G C	1		3866-41-1.3-G-C
54 x 1.6	G C	1		3866-54-1.6-G-C

Carbide Triple Set Non-ferrous cutting





3869

mm	TPI			
13 x 0.9	3 TS	1		3869-13-0.9-TS-3
20 x 0.9	3 TS	1		3869-20-0.9-TS-3
20 x 0.9	4 TS	1		3869-20-0.9-TS-4
27 x 0.9	3 TS	1		3869-27-0.9-TS-3
27 x 0.9	4 TS	1		3869-27-0.9-TS-4
29 x 1.1	2 TS	1		3869-29-1,1-TS-2
34 x 1.1	3 TS	1		3869-34-1.1-TS-3

Sawing aids



3870



			
12			3870-GLOVE
1			3870-TENSION METER
1			3870-REFRACTOMETER
1			3870-TACHO METER
5			3870-WEDGE-3
1			3870-BANDCALC
4			3870-BRUSH-60-6
4			3870-BRUSH-80-6
4			3870-BRUSH-80-8
4			3870-BRUSH-80-10
4			3870-BRUSH-100-10
4			3870-BRUSH-100-12

POWER HACKSAW BLADES

Power hacksaw blades KASTO, SANDFLEX® Bi-metal



3809

mm	TPI			
300x25x1.25	10	10		3809-300-25-1.25-10
300x25x1.25	14	10		3809-300-25-1.25-14
300x32x1.60	6	10		3809-300-32-1.60-6
300x32x1.60	10	10		3809-300-32-1.60-10
350x25x1.25	6	10		3809-350-25-1.25-6
350x25x1.25	10	10		3809-350-25-1.25-10
350x25x1.25	14	10		3809-350-25-1.25-14
350x32x1.60	4	10		3809-350-32-1.60-4
350x32x1.60	6	10		3809-350-32-1.60-6
350x32x1.60	8	10		3809-350-32-1.60-8
350x32x1.60	10	10		3809-350-32-1.60-10
350x32x1.60	14	10		3809-350-32-1.60-14
350x32x2.00	4	10		3809-350-32-2.00-4
350x32x2.00	6	10		3809-350-32-2.00-6
350x32x2.00	10	10		3809-350-32-2.00-10
350x38x2.00	6	10		3809-350-38-2.00-6
350x38x2.00	10	10		3809-350-38-2.00-10
400x25x1.25	10	10		3809-400-25-1.25-10
400x32x1.60	4	10		3809-400-32-1.60-4
400x32x1.60	6	10		3809-400-32-1.60-6
400x32x1.60	8	10		3809-400-32-1.60-8
400x32x1.60	10	10		3809-400-32-1.60-10
400x32x1.60	14	10		3809-400-32-1.60-14
400x32x2.00	4	10		3809-400-32-2.00-4
400x32x2.00	6	10		3809-400-32-2.00-6
400x32x2.00	8	10		3809-400-32-2.00-8
400x32x2.00	10	10		3809-400-32-2.00-10
400x38x2.00	4	10		3809-400-38-2.00-4
400x38x2.00	6	10		3809-400-38-2.00-6
400x38x2.00	10	10		3809-400-38-2.00-10
425x32x1.60	10	10		3809-425-32-1.60-10
450x32x1.60	4	10		3809-450-32-1.60-4
450x32x1.60	6	10		3809-450-32-1.60-6
450x32x1.60	10	10		3809-450-32-1.60-10
450x32x1.60	14	10		3809-450-32-1.60-14
450x32x2.00	4	10		3809-450-32-2.00-4
450x32x2.00	6	10		3809-450-32-2.00-6
450x32x2.00	10	10		3809-450-32-2.00-10
450x38x2.00	4	10		3809-450-38-2.00-4
450x38x2.00	6	10		3809-450-38-2.00-6
450x38x2.00	8	10		3809-450-38-2.00-8
450x38x2.00	10	10		3809-450-38-2.00-10
450x45x2.25	4	10		3809-450-45-2.25-4
450x45x2.25	6	10		3809-450-45-2.25-6
475x45x2.25	6	10		3809-475-45-2.25-6
500x38x2.00	4	10		3809-500-38-2.00-4
500x38x2.00	6	10		3809-500-38-2.00-6
500x38x2.00	10	10		3809-500-38-2.00-10
500x45x2.25	4	10		3809-500-45-2.25-4
500x45x2.25	6	10		3809-500-45-2.25-6
500x50x2.50	4	10		3809-500-50-2.50-4
500x50x2.50	6	10		3809-500-50-2.50-6
500x50x2.50	8	10		3809-500-50-2.50-8
525x38x2.00	6	10		3809-525-38-2.00-6
525x38x2.00	10	10		3809-525-38-2.00-10
525x45x2.25	4	10		3809-525-45-2.25-4
525x45x2.25	6	10		3809-525-45-2.25-6
550x45x2.25	4*	10		3809-550-45-2.25-4
550x45x2.25	6*	10		3809-550-45-2.25-6
550x50x2.50	4	10		3809-550-50-2.50-4
550x50x2.50	6	10		3809-550-50-2.50-6
575x45x2.25	4	10		3809-575-45-2.25-4
575x50x2.50	4	10		3809-575-50-2.50-4
575x50x2.50	6	10		3809-575-50-2.50-6
600x45x2.25	4	10		3809-600-45-2.25-4
600x45x2.25	6	10		3809-600-45-2.25-6
600x50x2.50	3	10		3809-600-50-2.50-3
600x50x2.50	4	10		3809-600-50-2.50-4
600x50x2.50	6	10		3809-600-50-2.50-6
650x50x2.50	4	5		3809-650-50-2.50-4
650x50x2.50	6	5		3809-650-50-2.50-6
700x50x2.50	4	5		3809-700-50-2.50-4
700x50x2.50	6	5		3809-700-50-2.50-6
750x50x2.50	4	5		3809-750-50-2.50-4





POWER HACKSAW BLADES

SANDFLEX® Bi-metal for KASTO machines



3809 KA

mm		
450x38x2.00	10	3809-450-38-2.00-4-KA
450x38x2.00	10	3809-450-38-2.00-6-KA
450x38x2.00	10	3809-450-38-2.00-10-KA
500x45x2.25	10	3809-500-45-2.25-6-KA
500x50x2.50	10	3809-500-50-2.50-4-KA
500x50x2.50	10	3809-500-50-2.50-6-KA
550x50x2.50	10	3809-550-50-2.50-4-KA
550x50x2.50	10	3809-550-50-2.50-6-KA
575x50x2.50	10	3809-575-50-2.50-3-KA
575x50x2.50	10	3809-575-50-2.50-4-KA
575x50x2.50	10	3809-575-50-2.50-6-KA
575x50x2.50	10	3809-575-50-2.50-10-KA
600x50x2.50	10	3809-600-50-2.50-4-KA
600x50x2.50	10	3809-600-50-2.50-6-KA
650x50x2.50	5	3809-650-50-2.50-3-KA
650x50x2.50	5	3809-650-50-2.50-4-KA
650x50x2.50	5	3809-650-50-2.50-6-KA
700x50x2.50	5	3809-700-50-2.50-3-KA
700x50x2.50	5	3809-700-50-2.50-4-KA
700x50x2.50	5	3809-700-50-2.50-6-KA

Power hacksaw blades, HSS



3802

mm	TPI		
300x25x1.25	6	10	3802-300-25-1.25-6
300x25x1.25	10	10	3802-300-25-1.25-10
300x25x1.25	14	10	3802-300-25-1.25-14
300x32x1.60	6	10	3802-300-32-1.60-6
300x32x1.60	10	10	3802-300-32-1.60-10
350x25x1.25	6	10	3802-350-25-1.25-6
350x25x1.25	10	10	3802-350-25-1.25-10
350x25x1.25	14	10	3802-350-25-1.25-14
350x32x1.60	4	10	3802-350-32-1.60-4
350x32x1.60	6	10	3802-350-32-1.60-6
350x32x1.60	10	10	3802-350-32-1.60-10
350x32x1.60	14	10	3802-350-32-1.60-14
400x25x1.25	6	10	3802-400-25-1.25-6
400x25x1.25	10	10	3802-400-25-1.25-10
400x25x1.25	14	10	3802-400-25-1.25-14
400x32x1.60	4	10	3802-400-32-1.60-4
400x32x1.60	6	10	3802-400-32-1.60-6
400x32x1.60	8	10	3802-400-32-1.60-8
400x32x1.60	10	10	3802-400-32-1.60-10
400x32x1.60	14	10	3802-400-32-1.60-14

mm	TPI		
400x38x2.00	4	10	3802-400-38-2.00-4
400x38x2.00	6	10	3802-400-38-2.00-6
400x38x2.00	10	10	3802-400-38-2.00-10
425x32x1.60	6	10	3802-425-32-1.60-6
425x32x1.60	10	10	3802-425-32-1.60-10
450x32x1.60	4	10	3802-450-32-1.60-4
450x32x1.60	6	10	3802-450-32-1.60-6
450x32x1.60	10	10	3802-450-32-1.60-10
450x32x1.60	14	10	3802-450-32-1.60-14
450x38x2.00	4	10	3802-450-38-2.00-4
450x38x2.00	6	10	3802-450-38-2.00-6
450x38x2.00	8	10	3802-450-38-2.00-8
450x38x2.00	10	10	3802-450-38-2.00-10
475x38x2.00	8	10	3802-475-38-2.00-8
500x38x2.00	4	10	3802-500-38-2.00-4
500x38x2.00	6	10	3802-500-38-2.00-6
500x38x2.00	8	10	3802-500-38-2.00-8
500x38x2.00	10	10	3802-500-38-2.00-10
500x50x2.50	4	10	3802-500-50-2.50-4
500x50x2.50	6	10	3802-500-50-2.50-6
525x38x2.00	6	10	3802-525-38-2.00-6
525x38x2.00	10	10	3802-525-38-2.00-10
550x50x2.50	4	10	3802-550-50-2.50-4
550x50x2.50	6	10	3802-550-50-2.50-6
550x50x2.50	10	10	3802-550-50-2.50-10
575x50x2.50	4	10	3802-575-50-2.50-4
575x50x2.50	6	10	3802-575-50-2.50-6
600x50x2.50	4	10	3802-600-50-2.50-4
600x50x2.50	6	10	3802-600-50-2.50-6
600x50x2.50	8	10	3802-600-50-2.50-8
650x50x2.50	4	5	3802-650-50-2.50-4
650x50x2.50	6	5	3802-650-50-2.50-6
700x50x2.50	4	5	3802-700-50-2.50-4
700x50x2.50	6	5	3802-700-50-2.50-6
700x63x3.00	4	5	3802-700-63-3.00-4
750x50x2.50	4	5	3802-750-50-2.50-4
750x63x3.00	4	5	3802-750-63-3.00-4
800x70x3.00	4	5	3802-800-70-3.00-4
850x70x3.00	4	5	3802-850-70-3.00-4
950x70x3.00	4	5	3802-950-70-3.00-4

HIGH SPEED for KASTO machines



3802 KA

mm		
450x38x2.00	10	3802-450-38-2.00-4-KA
450x38x2.00	10	3802-450-38-2.00-6-KA
450x38x2.00	10	3802-450-38-2.00-8-KA
450x38x2.00	10	3802-450-38-2.00-10-KA
500x50x2.50	10	3802-500-50-2.50-4-KA
500x50x2.50	10	3802-500-50-2.50-6-KA
550x50x2.50	10	3802-550-50-2.50-4-KA
550x50x2.50	10	3802-550-50-2.50-8-KA
575x50x2.50	10	3802-575-50-2.50-3-KA
575x50x2.50	10	3802-575-50-2.50-4-KA
575x50x2.50	10	3802-575-50-2.50-6-KA
650x50x2.50	5	3802-650-50-2.50-4-KA
650x50x2.50	5	3802-650-50-2.50-6-KA
700x50x2.50	5	3802-700-50-2.50-4-KA
700x50x2.50	5	3802-700-50-2.50-6-KA

▶ HOLESAWS

Holesaws, SANDFLEX® Bi-metal



3830-VIP

Ø mm		
14	6	3830-14-VIP
16	6	3830-16-VIP
17	6	3830-17-VIP
19	6	3830-19-VIP
20	6	3830-20-VIP
21	6	3830-21-VIP
22	6	3830-22-VIP
24	6	3830-24-VIP
25	6	3830-25-VIP
27	6	3830-27-VIP
29	6	3830-29-VIP
30	6	3830-30-VIP
32	6	3830-32-VIP
33	6	3830-33-VIP
35	6	3830-35-VIP
37	6	3830-37-VIP
38	6	3830-38-VIP
40	6	3830-40-VIP
41	6	3830-41-VIP
43	6	3830-43-VIP
44	6	3830-44-VIP
46	6	3830-46-VIP
48	6	3830-48-VIP
50	6	3830-50-VIP
51	6	3830-51-VIP
52	4	3830-52-VIP
54	4	3830-54-VIP
55	4	3830-55-VIP
56	4	3830-56-VIP
57	4	3830-57-VIP
59	4	3830-59-VIP
60	4	3830-60-VIP
62	4	3830-62-VIP
64	4	3830-64-VIP
65	4	3830-65-VIP
67	4	3830-67-VIP
68	4	3830-68-VIP
70	4	3830-70-VIP
73	4	3830-73-VIP
76	4	3830-76-VIP
79	4	3830-79-VIP
83	4	3830-83-VIP
86	4	3830-86-VIP
89	4	3830-89-VIP
92	4	3830-92-VIP
95	4	3830-95-VIP
98	4	3830-98-VIP
102	4	3830-102-VIP
105	4	3830-105-VIP
108	4	3830-108-VIP
111	4	3830-111-VIP
114	4	3830-114-VIP
121	1	3830-121-VIP
127	1	3830-127-VIP
133	1	3830-133-VIP
140	1	3830-140-VIP
146	1	3830-146-VIP
152	1	3830-152-VIP
168	1	3830-168
177	1	3830-177-HIGH
210	1	3830-210

Holesaws in retail packaging SANDFLEX® Bi-metal



3830-C

Ø mm		
14	1	3830-14-C
16	1	3830-16-C
17	1	3830-17-C
19	1	3830-19-C
20	1	3830-20-C
21	1	3830-21-C
22	1	3830-22-C
24	1	3830-24-C
25	1	3830-25-C
27	1	3830-27-C
29	1	3830-29-C
30	1	3830-30-C
32	1	3830-32-C
33	1	3830-33-C
35	1	3830-35-C
37	1	3830-37-C
38	1	3830-38-C
40	1	3830-40-C
41	1	3830-41-C
43	1	3830-43-C
44	1	3830-44-C
46	1	3830-46-C
48	1	3830-48-C
50	1	3830-50-C
51	1	3830-51-C
52	1	3830-52-C
54	1	3830-54-C
55	1	3830-55-C
56	1	3830-56-C
57	1	3830-57-C
59	1	3830-59-C
60	1	3830-60-C
64	1	3830-64-C
65	1	3830-65-C
67	1	3830-67-C
68	1	3830-68-C
70	1	3830-70-C
73	1	3830-73-C
76	1	3830-76-C
79	1	3830-79-C
83	1	3830-83-C
86	1	3830-86-C
89	1	3830-89-C
92	1	3830-92-C
95	1	3830-95-C
98	1	3830-98-C
102	1	3830-102-C
105	1	3830-105-C
108	1	3830-108-C
111	1	3830-111-C
114	1	3830-114-C
121	1	3830-121-C
127	1	3830-127-C
133	1	3830-133-C
140	1	3830-140-C
146	1	3830-146-C
152	1	3830-152-C

Holesaws, carbide-tipped



3832

Ø mm		
14	6	3832-14
16	6	3832-16
17	6	3832-17
19	6	3832-19
20	6	3832-20
21	6	3832-21
22	6	3832-22
24	6	3832-24
25	6	3832-25
27	6	3832-27
29	6	3832-29
30	6	3832-30
32	6	3832-32
33	6	3832-33
35	6	3832-35
37	6	3832-37
38	6	3832-38
40	6	3832-40
41	6	3832-41
43	6	3832-43
44	6	3832-44
46	6	3832-46
48	6	3832-48
51	6	3832-51
52	4	3832-52
54	4	3832-54
56	4	3832-56
57	4	3832-57
59	4	3832-59
60	4	3832-60
64	4	3832-64
65	4	3832-65
67	4	3832-67
68	4	3832-68
70	4	3832-70
73	4	3832-73
76	4	3832-76
79	4	3832-79
83	4	3832-83
86	4	3832-86
89	4	3832-89
92	4	3832-92
95	4	3832-95
98	4	3832-98
102	4	3832-102
105	4	3832-105
108	4	3832-108
111	4	3832-111
114	4	3832-114
121	1	3832-121
127	1	3832-127
133	1	3832-133
140	1	3832-140
146	1	3832-146
152	1	3832-152





HOLESAW ACCESSORIES

Arbors



3834-ARBR-730



3834-ARBR-930



3834-ARBR-11152 (PD)



3834-ARBR-11152QC

3834-ARBR

Ø mm			
14-30/6,4	1	3834-ARBR-630	
14-30/6,4	1	3834-ARBR-730	
14-30/8,5	1	3834-ARBR-930	
14-30/11,1	1	3834-ARBR-1130	
32-100/8,5	1	3834-ARBR-9100	
32-210/11,1	1	3834-ARBR-11152	
32-210/15,4	1	3834-ARBR-16152	
14-30/6,4	1	3834-ARBR-630-C	
14-30/6,4	1	3834-ARBR-730-C	
14-30/8,5	1	3834-ARBR-930-C	
14-30/11,1	1	3834-ARBR-1130-C	
32-100/8,5	1	3834-ARBR-9100-C	
32-210/11,1	1	3834-ARBR-11152-C	
32-100/8,5	1	3834-ARBR-9100QC	
32-100/8,5	1	3834-ARBR-9100QC-C	
32-210/11,1	1	3834-ARBR-11152QC	
32-210/11,1	1	3834-ARBR-11152QC-C	

Arbors with SD Drive Shank



3834-ARBR-SD30



3834-ARBR-SD152QC

3834-ARBR-SD

Ø mm			
14-30	1	3834-ARBR-SD30	
32-210	1	3834-ARBR-SD152QC	

Pilot drills



3834-DRL

Ø mm			
6,35-84	1	3834-DRL	

Pilot drills, fits all arbors



3834-DRL-CT

Ø mm			
6,35-84	1	3834-DRL-CT	

Arbor extensions



3834-EXT

Arbors			
1130,11152,11152QC	1	3834-EXT-1	
930, 9100	1	3834-EXT-2	

Morse taper adaptors



3834-MRS

Arbors			
1130,11152,11152QC	1	3834-MRS-3-11	
16152	1	3834-MRS-3	

Drive plate



3834-DP

mm			
76-105	1	3834-DP-75	
108-152	1	3834-DP-100	

Ejector spring arbors



3834-ES

Arbors			
DRL	1	3834-ES	

Arbor adaptor



3834-ADP

Arbors			
630,730,930,1130	1	3834-ADP	





▶ HOLESAW SETS

Holesaw set



3834-42

mm			
51,76,86,111	1	3834-SET-42	

Holesaw set



3834-53

mm			
19, 22, 25, 29, 30, 35, 37, 41, 52, 60, 79	1	3834-SET-53	

Holesaw set



3834-62

mm			
19 - 21 - 22 - 29 - 38 - 48	1	3834-SET-62	

Holesaw set



3834-62-16/50

mm			
16, 20, 25, 32, 40, 50	1	3834-SET-62-16/50	

Holesaw set



3834-65-16/51

mm			
16, 20, 25, 32, 40, 51	1	3834-SET-65-16/51	

Holesaw set



3834-65-22/64

mm			
22, 29, 35, 44, 51, 64	1	3834-SET-65-22/64	

Holesaw set



3834-72

mm			
19, 22, 29, 35, 44, 51, 64	1	3834-SET-72	

Holesaw set



3834-73

mm			
16 - 22 - 51 - 57 - 73 - 76 - 95	1	3834-SET-73	

Holesaw set



3834-73-22/68

mm			
22, 29, 35, 44, 51, 64, 68	1	3834-SET-73-22/68	



HOLESAW SETS

Holesaw set



3834-86

mm			
25 - 32 - 35 - 51 - 54 - 76 - 92 - 114	1		3834-SET-86

Holesaw set



3834-87

mm			
19, 22, 29, 38, 43, 48, 52, 65	1		3834-SET-87

Holesaw set



3834-92

mm			
16, 22, 25, 29, 32, 41, 51, 73, 83	1		3834-SET-92

Holesaw set



3834-94

mm			
16, 19, 22, 25, 30, 35, 41, 51, 67	1		3834-SET-94

Holesaw set



3834-95

mm			
16, 19, 22, 29, 35, 44, 52, 57, 64	1		3834-SET-95

Holesaw set



3834-103

mm			
16, 19, 24, 29, 38, 44, 57, 67	1		3834-SET-103



RECIPROCATING SAWBLADES

Reciprocating sawblades, SANDFLEX® Bi-metal



3840

mm-teeth			
100-R6	5		3840-100-6-ST-5P
100-R10	5		3840-100-10-ST-5P
100-R14	5		3840-100-14-ST-5P
100-R18	5		3840-100-18-ST-5P
100-R24	5		3840-100-24-ST-5P
100-R10	5		3840-100-10-SC-5P
100-R14	5		3840-100-14-SC-5P
100-R18	5		3840-100-18-SC-5P
150-R6	5		3840-150-6-ST-5P
150-8/12	5		3840-150-8/12-ST-5P
150-R10	5		3840-150-10-ST-5P
150-R14	5		3840-150-14-ST-5P
150-R18	5		3840-150-18-ST-5P
150-R24	5		3840-150-24-ST-5P
150-5/8	5		3840-150-5/8-SL-5P
150-4/6	5		3840-150-4/6-SC-5P
228-8/12	5		3840-228-8/12-ST-5P
228-R10	5		3840-228-10-ST-5P
228-R14	5		3840-228-14-ST-5P
228-R18	5		3840-228-18-ST-5P
228-R6	5		3840-228-6-SL-5P
300-R14	5		3840-300-14-ST-5P
300-R18	5		3840-300-18-ST-5P
300-R6	5		3840-300-6-SL-5P
300-8/12	5		3840-300-8/12-SL-5P
100-R6	1		3840-100-6-ST-10P
100-R10	1		3840-100-10-ST-10P
100-R14	1		3840-100-14-ST-10P
100-R18	1		3840-100-18-ST-10P
100-R24	1		3840-100-24-ST-10P
150-R6	1		3840-150-6-ST-10P
150-8/12	1		3840-150-8/12-ST-10P
150-R10	1		3840-150-10-ST-10P
150-R14	1		3840-150-14-ST-10P
150-R18	1		3840-150-18-ST-10P
150-R24	1		3840-150-24-ST-10P
150-5/8	1		3840-150-5/8-SL-10P
150-4/6	1		3840-150-4/6-SC-10P
228-8/12	1		3840-228-8/12-ST-10P
228-R10	1		3840-228-10-ST-10P
228-R14	1		3840-228-14-ST-10P
228-R18	1		3840-228-18-ST-10P
228-R6	1		3840-228-6-SL-10P
300-8/12	1		3840-300-8/12-SL-10P
300-R14	1		3840-300-14-ST-10P
300-R18	1		3840-300-18-ST-10P
300-R6	1		3840-300-6-SL-10P
150-R10	1		3840-150-10-ST-100P
150-R14	1		3840-150-14-ST-100P
150-R18	1		3840-150-18-ST-100P
150-R24	1		3840-150-24-ST-100P
150-8/12	1		3840-150-8/12-ST-100P
150-5/8	1		3840-150-5/8-SL-100P
228-8/12	1		3840-228-8/12-ST-100P
228-R10	1		3840-228-10-ST-100P
228-R14	1		3840-228-14-ST-100P
228-R18	1		3840-228-18-ST-100P
300-R14	1		3840-300-14-ST-100P
300-R18	1		3840-300-18-ST-100P

Slope shaped / DSL. Reciprocating sawblades, metal/woodcutting



3840 DSL

mm-teeth			
150-5/8	5		3840-150-5/8-DSL-5P
228-5/8	5		3840-228-5/8-DSL-5P
300-5/8	5		3840-300-5/8-DSL-5P
150-5/8	1		3840-150-5/8-DSL-10P
228-5/8	1		3840-228-5/8-DSL-10P
300-5/8	1		3840-300-5/8-DSL-10P

Type REMS / UST



3840 UST

mm-teeth			
150-R8	1		3840-150-8-UST-5P
200-R8	1		3840-200-8-UST-5P
300-R8	1		3840-300-8-UST-5P
150-10/14	1		3840-150-10/14-UST-5P
200-10/14	1		3840-200-10/14-UST-5P
300-10/14	1		3840-300-10/14-UST-5P

SANDFLEX® Bi-metal



3840-5/10

	1		RECIP-SET-5
	1		RECIP-SET-10

Reciprocating sawblades, woodcutting, standard



3842

mm-teeth			
150-R7	5		3842-150-7-SL-5P
228-R7	5		3842-228-7-SL-5P
300-R7	5		3842-300-7-SL-5P
150-R7	1		3842-150-7-SL-10P
228-R7	1		3842-228-7-SL-10P
300-R7	1		3842-300-7-SL-10P

Reciprocating sawblades, carbide-tipped, standard



ST



SL

3846

mm-teeth			
150-R6	5		3846-150-6-SL-1P
228-R3	5		3846-228-3-ST-1P
300-R3	5		3846-300-3-ST-1P
100-G	5		3846-100-G-ST-2P
150-G	5		3846-150-G-ST-2P

Reciprocating sawblades, SANDFLEX® Bi-metal



3840

mm-teeth			
228-10/14	10		3840-228-10/14-PR09-10P
228-10/14	1		3840-228-10/14-PR13-10P
228-10/14	1		3840-228-10/14-PR09-100P
228-10/14	1		3840-228-10/14-PR13-100P

Meat cutting blade



3844

mm-teeth			
300-R3	10		3844-300-3-MEAT-1P

JIGSAW BLADES

EURO shank, carbon steel, suitable for soft materials



91

mm-teeth	Ref Bosch			
8x116-D-F	T301 CDF	1		91-434-5P
6,4x152-D-G	T344 DF	1		91-444-5P
10x100-D-M	T111 C	1		91-023-5P
12,7x75-C-M	T119 BO	1		91-027-5P
6,4x100-D-G	T144 D	1		91-143-5P
6x100-C-G	T244 D	1		91-148-5P
10x100-D-F	T101 B	1		91-223-5P
10x100-D-F	T101 BR	1		91-226-5P
6x100-D-F	T101 D	1		91-243-5P
19x76-C-F	T101 AOF	1		91-412-5P
6x100-D-F	T144 DF	1		91-443-5P
8x116-D-F	T301 CD	1		91-233-5P
10x116-D-M	T111 HF	1		91-623-5P
36x75-D-F	T118 G	1		91-502-5P
21x75-D-M	T118 A	1		91-512-5P
21x75-C-M	T218 A	1		91-517-5P
24x132-D-F	T318 AF	1		91-611-5P
12x75-D-M	T118 B	1		91-522-5P
12x75-D-F	T118 BF	1		91-622-5P
8x100-D-M	T127 DF	1		91-433-5P
21x75-D-M	T118 AF	1		91-612-5P
14/10x132-D-M	T318 VF	1		91-7V1-5P
6x100-D-G	T141 HM	1		91-840-1P
24x75-D-F	T118 AHM	1		91-919-1P
12-8x116-D-M	T234 X	1		91-2PW-5P
21-10x100-D-M	T123 X	1		91-3PM-5P
10-5x132-D-M	T345 XF	1		91-4PWM-5P
6x152		1		91-14W6-5P
75-D-G	T130 RF	1		91-C13-1
6,4x100-D-G	T144 D	1		91-143-25P
21x75-D-M	T118 A	1		91-512-25P
6,4x100-D-G	T144 D	1		91-143-100P

PALLET AND CAR BODY SAWBLADES

SANDFLEX® Pallet sawblades



3840-P

220		100	3840-220-24

PALLET AND CAR BODY SAWBLADES

Car body sawblades, SANDFLEX®
Bi-metal



3845

mm-teeth		
90-18	1	3845-18-10P
90-24	1	3845-24-10P
90-32	1	3845-32-10P

HAND HACKSAW BLADES

Hand hacksaw blades, new SANDFLEX®
Bi-metal + Cobalt



3906

mm-TPI		
250-18	100	3906-250-18-100
250-24	100	3906-250-24-100
250-32	100	3906-250-32-100
300-14	100	3906-300-14-100
300-18	100	3906-300-18-100
300-24	100	3906-300-24-100
300-32	100	3906-300-32-100
300-18	10	3906-300-18-2P
300-24	10	3906-300-24-2P
300-32	10	3906-300-32-2P
300-18,24,32	10	3906-300-3P
300-24	10	3906-300-24-5P
300-32	10	3906-300-32-5P
300-14	10	3906-300-14-10P
300-18	10	3906-300-18-10P
300-24	10	3906-300-24-10P
300-32	10	3906-300-32-10P

Rod sawblade for junior hacksaw frames



215

mm-TPI		
150-6	5	215-150

Blade with cemented carbide



216

mm		
150	5	216-150-R
300-12	5	216-300-R

Spare blade for junior hacksaw frames



228-P

mm		
150-6 (5p)	10	228-15-5P
150-6 (5p)	10	228-32-5P
150-6 (10p)	10	228-32-10P
150-6(100p)	1	228-32-100P

Blade with tungsten carbide toothing



3816

mm		
300-12	5	3816-300

Spiro blade for sawing ventilation tubes



3810

mm-TPI		
610-32	10	3810-600-32

SANDFLEX® Bi-metal spiro blade



3806-SPIRO

mm-TPI		
600-32	10	3806-600-32

Compass saw



321

mm-TPI		
310	5	321

Compass sawblade



321-SB

mm-TPI		
310-7	10	321-7-SB
310-18	10	321-18-SB
310-24	10	321-24-SB

HAND HACKSAW FRAMES

Professional hand hacksaw frame



325

mm		
300	5	325

Professional hand hacksaw frame



225-PLUS

mm		
300	5	225-PLUS

Hacksaw frame





225-S

mm		
300	5	225-S

Professional hand hacksaw frame





319

mm		
300	5	319

Hacksaw frame





304

		
	10	304

Junior hacksaw




238

mm		
150	5	238

Hacksaw frame





317

mm		
300	10	317

Junior hacksaw





218

mm		
150	10	218
150	1	218-BULK

Junior hacksaw





239

mm		
150	5	239

Compact hacksaw frame





306

mm		
300	10	306

Junior hacksaw





219

mm		
150	5	219

Mini hacksaw





268

mm		
150	5	268

Traditional hand hack saw frame




320

mm		
504	10	320

Mini saw





228

mm		
150	5	228
150	5	228-BULK

Mini hacksaw



208

mm		
250	5	208



HAND HACKSAW FRAMES

Bow saw for ventilation tubes



14-24

mm		
610	5	14-24-3810

Toolbox size mini bow saw



9-12

mm		
300	5	9-12-51/3806-KP



INSULATED METAL SAWS

Insulated hacksaw



2820HSV1 EN60900

mm		
300	1	2820HSV1

Insulated hacksaw



2820HSV2 EN60900

mm		
300	1	2820HSV2





Files and rotary burrs



ENGINEERING FILES

Hand file industry pack, unhandled



1-100...-0

inch/mm/size		
4/100-1	10	1-100-04-1-0
4/100-2	10	1-100-04-2-0
4/100-3	10	1-100-04-3-0
6/150-1	10	1-100-06-1-0
6/150-2	10	1-100-06-2-0
6/150-3	10	1-100-06-3-0
8/200-1	10	1-100-08-1-0
8/200-2	10	1-100-08-2-0
8/200-3	10	1-100-08-3-0
10/250-1	10	1-100-10-1-0
10/250-2	10	1-100-10-2-0
10/250-3	10	1-100-10-3-0
12/300-1	5	1-100-12-1-0
12/300-2	5	1-100-12-2-0
12/300-3	5	1-100-12-3-0
14/350-1	5	1-100-14-1-0
14/350-2	5	1-100-14-2-0

Hand file single pack carded, ERGO® handle



1-100...-2 ERGO®

inch/mm/size		
4/100-1	5	1-100-04-1-2
4/100-2	5	1-100-04-2-2
4/100-3	10	1-111-04-3-0
6/150-1	5	1-100-06-1-2
6/150-2	5	1-100-06-2-2
8/200-1	5	1-100-08-1-2
8/200-2	5	1-100-08-2-2
8/200-3	5	1-100-08-3-2
10/250-1	5	1-100-10-1-2
10/250-2	5	1-100-10-2-2
10/250-3	5	1-100-10-3-2
12/300-1	5	1-100-12-1-2
12/300-2	5	1-100-12-2-2
12/300-3	5	1-100-12-3-2

Pillar file, industry pack, unhandled



1-102

inch/mm/size		
6/150-2	10	1-102-06-2-0
6/150-3	10	1-102-06-3-0
8/200-1	10	1-102-08-1-0
8/200-2	10	1-102-08-2-0
8/200-3	10	1-102-08-3-0

Lathe file, industry pack, unhandled



1-104

inch/mm/size		
10/250-2	10	1-104-10-2-0
10/250-3	10	1-104-10-3-0
12/300-2	5	1-104-12-2-0
12/300-3	5	1-104-12-3-0
14/350-3	5	1-104-14-3-0

Flat file "Oberg Cut", industry pack, unhandled



1-106...-0

inch/mm/size		
8/200-1	10	1-106-08-1-0
10/250-1	10	1-106-10-1-0
12/300-1	5	1-106-12-1-0

Hand file "Oberg cut" single pack carded, ERGO® handle



1-106...-2 ERGO®

inch/mm/size		
8/200-1	5	1-106-08-1-2
10/250-1	5	1-106-10-1-2
12/300-1	5	1-106-12-1-2

Edges tapered flat file, industry pack, unhandled



1-110...-0

inch/mm/size		
4/100-1	10	1-110-04-1-0
4/100-2	10	1-110-04-2-0
4/100-3	10	1-110-04-3-0
6/150-1	10	1-110-06-1-0
6/150-2	10	1-110-06-2-0
6/150-3	10	1-110-06-3-0
8/200-1	10	1-110-08-1-0
8/200-2	10	1-110-08-2-0
8/200-3	10	1-110-08-3-0
10/250-1	10	1-110-10-1-0
10/250-2	10	1-110-10-2-0
10/250-3	10	1-110-10-3-0
12/300-1	5	1-110-12-1-0
12/300-2	5	1-110-12-2-0
12/300-3	5	1-110-12-3-0
14/350-1	5	1-110-14-1-0

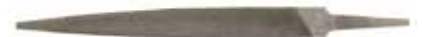
Flat file, single pack carded, ERGO® handle



1-110...-2 ERGO®

inch/mm/size		
6/150-1	5	1-110-06-1-2
6/150-2	5	1-110-06-2-2
6/150-3	5	1-110-06-3-2
8/200-1	5	1-110-08-1-2
8/200-2	5	1-110-08-2-2
8/200-3	5	1-110-08-3-2
10/250-1	5	1-110-10-1-2
10/250-2	5	1-110-10-2-2
10/250-3	5	1-110-10-3-2
12/300-1	5	1-110-12-1-2
12/300-2	5	1-110-12-2-2
12/300-3	5	1-110-12-3-2

Warding file, industry pack, unhandled



1-111...-0

inch/mm/size		
4/100-1	10	1-111-04-1-0
4/100-2	10	1-111-04-2-0
4/100-3	10	1-111-04-3-0
6/150-1	10	1-111-06-1-0
6/150-2	10	1-111-06-2-0
6/150-3	10	1-111-06-3-0
8/200-1	10	1-111-08-1-0
8/200-2	10	1-111-08-2-0

Warding file, single pack carded, ERGO® handle



1-111...-2 ERGO®

inch/mm/size		
6/150-2	5	1-111-06-2-2

Contact file



1-115

inch/mm/size		
110-3	10	1-115-11-3-1

Mill file with 2 flat edges, industry pack, unhandled



1-143...-0

inch/mm/size		
6/150-1	10	1-143-06-1-0
8/200-1	10	1-143-08-1-0
10/250-1	10	1-143-10-1-0
12/300-1	5	1-143-12-1-0

Mill file with 2 flat edges, single pack carded, ERGO® handle



1-143...-2

inch/mm/size		
6/150-1	5	1-143-06-1-2
8/200-1	5	1-143-08-1-2
10/250-1	5	1-143-10-1-2
12/300-1	5	1-143-12-1-2

Square file, industry pack, unhandled



1-160...-0

inch/mm/size		
4/100-1	10	1-160-04-1-0
4/100-2	10	1-160-04-2-0
4/100-3	10	1-160-04-3-0
6/150-1	10	1-160-06-1-0
6/150-2	10	1-160-06-2-0
6/150-3	10	1-160-06-3-0
8/200-1	10	1-160-08-1-0
8/200-2	10	1-160-08-2-0
8/200-3	10	1-160-08-3-0
10/250-1	10	1-160-10-1-0
10/250-2	10	1-160-10-2-0
10/250-3	10	1-160-10-3-0
12/300-1	5	1-160-12-1-0
12/300-2	5	1-160-12-2-0

Square file, single pack carded, ERGO® handle



1-160...-2

inch/mm/size		
4/100-1	5	1-160-04-1-2
4/100-2	5	1-160-04-2-2
6/150-1	5	1-160-06-1-2
6/150-2	5	1-160-06-2-2
6/150-3	5	1-160-06-3-2
8/200-1	5	1-160-08-1-2
8/200-2	5	1-160-08-2-2
8/200-3	5	1-160-08-3-2
10/250-1	5	1-160-10-1-2
10/250-2	5	1-160-10-2-2
10/250-3	5	1-160-10-3-2
12/300-1	5	1-160-12-1-2
12/300-2	5	1-160-12-2-2

Three square file, industry pack, unhandled



1-170...-0

inch/mm/size		
4/100-2	10	1-170-04-2-0
4/100-3	10	1-170-04-3-0
6/150-1	10	1-170-06-1-0
6/150-2	10	1-170-06-2-0
6/150-3	10	1-170-06-3-0
8/200-1	10	1-170-08-1-0
8/200-2	10	1-170-08-2-0
8/200-3	10	1-170-08-3-0
10/250-1	10	1-170-10-1-0
10/250-2	10	1-170-10-2-0
10/250-3	10	1-170-10-3-0
12/300-1	5	1-170-12-1-0
12/300-2	5	1-170-12-2-0

Three square file, single pack carded, ERGO® handle



1-170...-2

inch/mm/size		
4/100-2	5	1-170-04-2-2
6/150-1	5	1-170-06-1-2
6/150-2	5	1-170-06-2-2
6/150-3	5	1-170-06-3-2
8/200-1	5	1-170-08-1-2
8/200-2	5	1-170-08-2-2
8/200-3	5	1-170-08-3-2
10/250-1	5	1-170-10-1-2
10/250-2	5	1-170-10-2-2
10/250-3	5	1-170-10-3-2
12/300-1	5	1-170-12-1-2
12/300-2	5	1-170-12-2-2

Half-round file, industry pack, unhandled



1-210...-0

inch/mm/size		
4/100-1	10	1-210-04-1-0
4/100-2	10	1-210-04-2-0
4/100-3	10	1-210-04-3-0
6/150-1	10	1-210-06-1-0
6/150-2	10	1-210-06-2-0
6/150-3	10	1-210-06-3-0
8/200-1	10	1-210-08-1-0
8/200-2	10	1-210-08-2-0
8/200-3	10	1-210-08-3-0
10/250-1	10	1-210-10-1-0
10/250-2	10	1-210-10-2-0
10/250-3	10	1-210-10-3-0
12/300-1	5	1-210-12-1-0
12/300-2	5	1-210-12-2-0
12/300-3	5	1-210-12-3-0
14/350-1	5	1-210-14-1-0

Half-round file, single pack carded, ERGO® handle



1-210...-2

inch/mm/size		
4/100-1	5	1-210-04-1-2
4/100-2	5	1-210-04-2-2
6/150-1	5	1-210-06-1-2
6/150-2	5	1-210-06-2-2
6/150-3	5	1-210-06-3-2
8/200-1	5	1-210-08-1-2
8/200-2	5	1-210-08-2-2
8/200-3	5	1-210-08-3-2
10/250-1	5	1-210-10-1-2
10/250-2	5	1-210-10-2-2
10/250-3	5	1-210-10-3-2
12/300-1	5	1-210-12-1-2
12/300-2	5	1-210-12-2-2
12/300-3	5	1-210-12-3-2

ENGINEERING FILES

Round file, industry pack, unhandled



1-230...-0

inch/mm/size		
4/100-1	10	1-230-04-1-0
4/100-2	10	1-230-04-2-0
4/100-3	10	1-230-04-3-0
6/150-1	10	1-230-06-1-0
6/150-2	10	1-230-06-2-0
6/150-3	10	1-230-06-3-0
8/200-1	10	1-230-08-1-0
8/200-2	10	1-230-08-2-0
8/200-3	10	1-230-08-3-0
10/250-1	10	1-230-10-1-0
10/250-2	10	1-230-10-2-0
10/250-3	10	1-230-10-3-0
12/300-1	5	1-230-12-1-0
12/300-2	5	1-230-12-2-0
12/300-3	5	1-230-12-3-0

Round file, single pack carded, ERGO® handle



1-230...-2

inch/mm/size		
4/100-1	5	1-230-04-1-2
4/100-2	5	1-230-04-2-2
6/150-1	5	1-230-06-1-2
6/150-2	5	1-230-06-2-2
8/200-1	5	1-230-08-1-2
8/200-2	5	1-230-08-2-2
10/250-1	5	1-230-10-1-2
10/250-2	5	1-230-10-2-2
10/250-3	5	1-230-10-3-2
12/300-1	5	1-230-12-1-2
12/300-2	5	1-230-12-2-2

Diagonal file, industry pack, unhandled



1-320...-0

inch/mm/size		
8/200-2	10	1-320-08-2-0
10/250-2	10	1-320-10-2-0
12/300-2	5	1-320-12-2-0

File set - 3 piece



1-473

inch/mm/size		
6/150-2	5	1-473-06-2-2
8/200-2	5	1-473-08-2-2
10/250-2	5	1-473-10-2-2

File set - 6 piece



1-476

inch/mm/size		
4/100-3	1	1-476-04-3-2

File set - 5 piece



1-477

inch/mm/size		
8/200-2	5	1-477-08-2-2
10/250-2	5	1-477-10-2-2

File set - 5 piece



1-478

inch/mm/size		
8/200-1+2	5	1-478-08-1-2
10/250-1	5	1-478-10-1-2

File set - 5 piece



1-479

inch/mm/size		
8/200-1	5	1-479-08-1-2
8/200-2	5	1-479-08-2-2

Carpentry file set - 3 piece



6-470

inch/mm/size		
8/200-2	5	6-470-08-2-2

NEEDLE FILES

Hand file, industry pack, unhandled



2-300

inch/mm/size		
5½/140-0	10	2-300-14-0-0
5½/140-2	10	2-300-14-2-0
5½/140-4	10	2-300-14-4-0
6¼/160-0	10	2-300-16-0-0
6¼/160-1	10	2-300-16-1-0
6¼/160-2	10	2-300-16-2-0
6¼/160-4	10	2-300-16-4-0
7/180-0	10	2-300-18-0-0
7/180-2	10	2-300-18-2-0

Flat file with taper-shaped edges, industry pack, unhandled



2-301

inch/mm/size		
5½/140-0	10	2-301-14-0-0
5½/140-2	10	2-301-14-2-0
6¼/160-0	10	2-301-16-0-0
6¼/160-1	10	2-301-16-1-0
6¼/160-2	10	2-301-16-2-0

Three square file, industry pack, unhandled



2-302

inch/mm/size		
5½/140-0	10	2-302-14-0-0
5½/140-2	10	2-302-14-2-0
5½/140-4	10	2-302-14-4-0
6¼/160-0	10	2-302-16-0-0
6¼/160-1	10	2-302-16-1-0
6¼/160-2	10	2-302-16-2-0
6¼/160-4	10	2-302-16-4-0
7/180-0	10	2-302-18-0-0
7/180-2	10	2-302-18-2-0

Square file, industry pack, unhandled



2-303

inch/mm/size		
5½/140-2	10	2-303-14-2-0
6¼/160-0	10	2-303-16-0-0
6¼/160-1	10	2-303-16-1-0
6¼/160-2	10	2-303-16-2-0
6¼/160-4	10	2-303-16-4-0
7/180-0	10	2-303-18-0-0
7/180-2	10	2-303-18-2-0

Half-round file, industry pack, unhandled



2-304

inch/mm/size		
5½/140-0	10	2-304-14-0-0
5½/140-2	10	2-304-14-2-0
5½/140-4	10	2-304-14-4-0
6¼/160-0	10	2-304-16-0-0
6¼/160-1	10	2-304-16-1-0
6¼/160-2	10	2-304-16-2-0
6¼/160-4	10	2-304-16-4-0
7/180-0	10	2-304-18-0-0
7/180-2	10	2-304-18-2-0

Oval file, industry pack, unhandled



2-305

inch/mm/size		
6¼/160-1	10	2-305-16-1-0
6¼/160-2	10	2-305-16-2-0

Crossing file, industry pack, unhandled



2-306

inch/mm/size		
6¼/160-1	10	2-306-16-1-0
6¼/160-2	10	2-306-16-2-0

Round file, industry pack, unhandled



2-307

inch/mm/size		
5½/140-0	10	2-307-14-0-0
5½/140-2	10	2-307-14-2-0
5½/140-4	10	2-307-14-4-0
6¼/160-0	10	2-307-16-0-0
6¼/160-1	10	2-307-16-1-0
6¼/160-2	10	2-307-16-2-0
6¼/160-4	10	2-307-16-4-0
7/180-0	10	2-307-18-0-0
7/180-2	10	2-307-18-2-0

Knife file, industry pack, unhandled



2-308

inch/mm/size		
5½/140-2	10	2-308-14-2-0
6¼/160-0	10	2-308-16-0-0
6¼/160-1	10	2-308-16-1-0
6¼/160-2	10	2-308-16-2-0

Barrette file, industry pack, unhandled



2-309

inch/mm/size		
6¼/160-2	10	2-309-16-2-0
6¼/160-4	10	2-309-16-4-0

Half-round file, double cut on radius, industry pack, unhandled



2-313

inch/mm/size		
6¼/160-0	10	2-313-16-0-0

NEEDLE FILES

File set, needle files - set of 6



2-470

inch/mm/size		
5 1/2/140-0	1	2-470-14-0-0
5 1/2/140-2	1	2-470-14-2-0
5 1/2/140-4	1	2-470-14-4-0
6 1/4/160-1	10	2-470-16-1-0
6 1/4/160-2	10	2-470-16-2-0

File set, needle files - set of 9



2-471

inch/mm/size		
6 1/4/160-1	5	2-471-16-1-0

File set, needle files - set of 12



2-472

inch/mm/size		
5 1/2/140-0	5	2-472-14-0-0
5 1/2/140-2	5	2-472-14-2-0
6 1/4/160-0	5	2-472-16-0-0
6 1/4/160-1	5	2-472-16-1-0
6 1/4/160-2	5	2-472-16-2-0

Universal handle for needle files



9-488-02

inch/mm/size		
	10	9-488-02-10

DIAMOND FILES

Diamond needle files

		2-300
		2-301
		2-302
		2-303
		2-304

2-300-D - 2-304-D

mm		
140	1	2-300-14-D-1P
160	1	2-300-16-D-1P
140	1	2-301-14-D-1P
160	1	2-301-16-D-1P
140	1	2-302-14-D-1P
160	1	2-302-16-D-1P
140	1	2-303-14-D-1P
160	1	2-303-16-D-1P
140	1	2-304-14-D-1P
160	1	2-304-16-D-1P

Diamond needle files

		2-306
		2-307
		2-308
		2-309
		2-311

2-306-D - 2-311-D

mm		
140	1	2-306-14-D-1P
140	1	2-307-14-D-1P
160	1	2-307-16-D-1P
140	1	2-308-14-D-1P

Diamond precision files

		5-600
		5-610
		5-630
		5-660
		5-670

5-600-D - 5-670-D

mm		
215	1	5-600-21-D-1P
215	1	5-610-21-D-1P
215	1	5-630-21-D-1P
215	1	5-670-21-D-1P

MILLED TOOTH FILES

Flat Pansar® blades, industry pack, unhandled



3-330

inch/mm/size		
12/300-1	5	3-330-12-1-0
12/300-2	5	3-330-12-2-0
14/350-1	5	3-330-14-1-0
14/350-2	5	3-330-14-2-0

Half-round Pansar® blades, industry pack, unhandled



3-331

inch/mm/size		
14/350-1	5	3-331-14-1-0

Filemaster, industry pack, ERGO® handle



FM10 ergo®

inch/mm/size		
10/250-9+13	5	FM10

Half-round filemaster, industry pack, ERGO® handle



HRFM10

inch/mm/size		
10/250-13	5	HRFM10

SHARPENING FILES

Mill-saw file, industry pack, unhandled



4-138...-0

inch/mm/size		
6/150-1	10	4-138-06-1-0
8/200-1	10	4-138-08-1-0
10/250-1	10	4-138-10-1-0
12/300-1	5	4-138-12-1-0

Mill-saw file, single pack, carded, ERGO® handle



4-138...-2

inch/mm/size		
6/150-1	5	4-138-06-1-2
8/200-1	5	4-138-08-1-2
10/250-1	5	4-138-10-1-2
12/300-1	5	4-138-12-1-2

Mill-saw file, industry pack, unhandled



4-140...-0

inch/mm/size		
6/150-1	10	4-140-06-1-0
8/200-1	10	4-140-08-1-0
10/250-1	10	4-140-10-1-0

Mill-saw file, single pack, carded, ERGO® handle



4-140...-2

inch/mm/size		
8/200-1	5	4-140-08-1-2
10/250-1	5	4-140-10-1-2

Mill-saw file with parallel shape, industry pack, unhandled



4-144...-0

inch/mm/size		
8/200-2	10	4-144-08-2-0

Mill-saw file, single pack, carded, ERGO® handle



4-144...-2

inch/mm/size		
8/200-2	5	4-144-08-2-2

Mill-saw file, industry pack, unhandled



4-142

inch/mm/size		
6/150-1	10	4-142-06-1-0
8/200-1	10	4-142-08-1-0
10/250-1	10	4-142-10-1-0

Homeowner's file for wood, single pack carded, ERGO® handle



4-152

inch/mm/size		
8/200-1/2	5	4-152-08-2-2

Homeowner's file for metal, single pack carded, ERGO® handle



4-153

inch/mm/size		
8/200-1/2	5	4-153-08-1-2

Homeowner's set, 4-152 + 4-153, single pack carded, ERGO® handle



4-154

inch/mm/size		
8/200-1/2	10	4-154-08-2-2

Farmer's own double-duty file, industry pack, unhandled



4-155

inch/mm/size		
8/200-1	10	4-155-08-2-0
10/250-1	10	4-155-10-2-0

Taper-saw file with triangular shape, industry pack, unhandled



4-183...-0

inch/mm/size		
4/100-2	10	4-183-04-2-0
4 1/2/112-2	10	4-183-45-2-0
5/125-2	10	4-183-05-2-0
6/150-2	10	4-183-06-2-0
7/175-2	10	4-183-07-2-0
8/200-2	10	4-183-08-2-0
10/250-2	10	4-183-10-2-0

Taper saw file, regular single pack, carded, ERGO® handle



4-183...-2


inch/mm/size		
4/100-2	5	4-183-04-2-2
5/125-2	5	4-183-05-2-2
6/150-2	5	4-183-06-2-2
7/175-2	5	4-183-07-2-2
8/200-2	5	4-183-08-2-2





SHARPENING FILES

Slim taper-saw file with triangular shape, industry pack, unhandled




4-186...-0 

inch/mm/size		
4/100-2	10	4-186-04-2-0
4½/112-2	10	4-186-45-2-0
5/125-2	10	4-186-05-2-0
6/150-2	10	4-186-06-2-0
7/175-2	10	4-186-07-2-0
8/200-2	10	4-186-08-2-0

Slim taper, single pack, carded, ERGO® handle






4-186...-2  

inch/mm/size		
4/100-2	5	4-186-04-2-2
5/125-2	5	4-186-05-2-2
6/150-2	5	4-186-06-2-2

Extra slim taper-saw file with triangular shape, industry pack, unhandled





4-187...-0 

inch/mm/size		
4/100-2	10	4-187-04-2-0
4½/112-2	10	4-187-45-2-0
5/125-2	10	4-187-05-2-0
6/150-2	10	4-187-06-2-0
7/175-2	10	4-187-07-2-0

Extra slim taper, single pack, carded, ERGO® handle






4-187...-2  

inch/mm/size		
5/125-2	5	4-187-05-2-2
6/150-2	5	4-187-06-2-2

Double extra slim taper-saw file with triangular shape, industry pack, unhandled



4-188...-0 

inch/mm/size		
5/125-2	5	4-188-05-2-0
6/150-2	5	4-188-06-2-0

Double extra slim taper, single pack, Carded, ERGO® handle



4-188...-2  

inch/mm/size		
5/125-2	5	4-188-05-2-2

Double-ended saw file, industry pack, wooden handle



4-190...-0 

inch/mm/size		
6/150-2	10	4-190-06-2-0
7/175-2	10	4-190-07-2-0
8/200-2	10	4-190-08-2-0

Double-ended saw file, single pack, carded, ERGO® handle





4-190...-2  

inch/mm/size		
6/150-2	5	4-190-06-2-2
7/175-2	5	4-190-07-2-2
8/200-2	5	4-190-08-2-2

Taper bandsaw file, regular industry pack, unhandled







4-192...-0 

inch/mm/size		
6/150-2	10	4-192-06-2-0
7/175-2	10	4-192-07-2-0
8/200-2	10	4-192-08-2-0

Taper bandsaw file, regular single pack, carded, ERGO® handle






4-192...-2  

inch/mm/size		
6/150-2	5	4-192-06-2-2
8/200-2	5	4-192-08-2-2

Machine bandsaw file






4-202 - 4-204 

inch/mm/size		
8½/212-2	10	4-202-85-2-0
8½/212-2	10	4-203-85-2-0
8½/212-2	10	4-204-85-2-0

Double-edge saw file wasa®, industry pack, unhandled





4-272...-0 

inch/mm/size		
6/150-3	10	4-272-06-3-0

Double-edge saw file wasa®, single carded pack, ERGO® handle



4-272...-2  

inch/mm/size		
5/125-3-A	5	4-272-05-3-2
6/150-3-A	5	4-272-06-3-2

▶ CHAINSAW FILES

Round chainsaw files, skin pack



168 - 1P ☀

inch/mm-Ø		
6/150-3,2	12	168-6-3.2-1P
6/150-3,5	12	168-6-3.5-1P
8/200-4,0	12	168-8-4.0-1P
8/200-4,5	12	168-8-4.5-1P
8/200-4,8	12	168-8-4.8-1P
8/200-5,2	12	168-8-5.2-1P
8/200-5,5	12	168-8-5.5-1P
8/200-6,3	12	168-8-6.3-1P

Chainsaw file, packed in a 3 piece protective skin pack



168 - 3P ☀

inch/mm-Ø		
6/150-3,2	12	168-6-3.2-3P
6/150-3,5	12	168-6-3.5-3P
8/200-4,0	12	168-8-4.0-3P
8/200-4,5	12	168-8-4.5-3P
8/200-4,8	12	168-8-4.8-3P
8/200-5,2	12	168-8-5.2-3P
8/200-5,5	12	168-8-5.5-3P
8/200-6,3	12	168-8-6.3-3P

Chainsaw file, box of 6 files



168-6 ☀

inch/mm-Ø		
8/200-4,0	6	168-8-4.0-6
8/200-4,5	6	168-8-4.5-6
8/200-4,8	6	168-8-4.8-6
8/200-5,2	6	168-8-5.2-6
8/200-5,5	6	168-8-5.5-6

Flat chainsaw file, single pack carded, handled



166-2

inch/mm		
6/150	5	166-6-16-2.5-2

Flat chainsaw file, industry pack, unhandled



166/167-12

inch/mm		
8/200	12	167-8-21-3.2-12
6/150	12	166-6-16-2.5-12

Chainsaw files set



168-C

inch/mm-Ø		
8/200-4,0	1	168-COMBI-4.0
8/200-4,8	1	168-COMBI-4.8
8/200-5,5	1	168-COMBI-5.5

Chainsaw files set including filing guide



168-C-G

inch/mm-Ø		
8/200-4,0	1	168-COMBI-4.0-6922
8/200-4,8	1	168-COMBI-4.8-6920
8/200-5,5	1	168-COMBI-5.5-6924

▶ RASPS

Half-round rasps, industry pack, unhandled



6-342...-0

inch/mm/size		
6/150-2	10	6-342-06-2-0
8/200-1	10	6-342-08-1-0
8/200-2	10	6-342-08-2-0
10/250-1	10	6-342-10-1-0
10/250-2	10	6-342-10-2-0
12/300-1	5	6-342-12-1-0

Half-round rasps, single pack carded, ERGO® handle



6-342...-2

inch/mm/size		
6/150-2	5	6-342-06-2-2
8/200-1	5	6-342-08-1-2
8/200-2	5	6-342-08-2-2
10/250-1	5	6-342-10-1-2
10/250-2	5	6-342-10-2-2

Cabinet rasps, industry pack, unhandled



6-343...-0

inch/mm/size		
8/200-2	10	6-343-08-2-0
8/200-3	10	6-343-08-3-0
10/250-2	10	6-343-10-2-0
10/250-3	10	6-343-10-3-0
12/300-2	5	6-343-12-2-0

Cabinet rasps, single pack carded, ERGO® handle



6-343...-2

inch/mm/size		
8/200-2	5	6-343-08-2-2
10/250-2	5	6-343-10-2-2

RASPS

Hand rasps, single pack carded, ERGO® handle



6-344...-2

inch/mm/size		
8/200-2	5	6-344-08-2-2
10/250-2	5	6-344-10-2-2

Round rasps, industry pack, unhandled



6-345...-0

inch/mm/size		
8/200-2	10	6-345-08-2-0
10/250-2	10	6-345-10-2-0

Round rasps, single pack carded, handled



6-345...-2

inch/mm/size		
8/200-1	5	6-345-08-1-2
8/200-2	5	6-345-08-2-2
10/250-1	5	6-345-10-1-2

ACCESSORIES

Aluminium holder for flat pansar® blades for files



9-462

for files	length mm		
3-330,3-340	350	1	9-462-14-0-0

File cleaner, and card of steel wire



9-467

1	9-467-00-0-0

File card, steel wire



9-469

1	9-469-00-0-0

Plastic file handle box quantity



9-484...10

Box qty		
10	9-484-3.2-10	
10	9-484-5.2-10	

Plastic file handle box quantity



9-484...1P

10	9-484-3.2-1P
10	9-484-5.2-1P

ERGO® handle for flat file box quantity



9-485...10

10	9-485-06-10
10	9-485-09-10
10	9-485-13-10

ERGO® handle for flat file box quantity



9-485...1P

10	9-485-06-1P
10	9-485-09-1P
10	9-485-13-1P

ERGO® handle for other files box quantity



9-486...10

10	9-486-04-10
10	9-486-05-10

ERGO® handle for other files box quantity



9-486...1P ergo®

10		9-486-04-1P
10		9-486-05-1P
10		9-486-07-1P

ERGO® handle for round and flat chainsaw file box quantity



9-486-C-10 ergo®

10		9-486-C-10

ERGO® handle for round and flat chainsaw file box quantity



9-486-C-1P ergo®

10		9-486-C-1P

Handle for round chainsaw file box quantity



PH-6604

15		PH-6604-1P
25		PH-6604-25

TUNGSTEN CARBIDE ROTARY BURRS

Tungsten carbide rotary burrs, cylindrical



A

Width-cut		
03-F	1	A0313F03
03-FE*	1	A0313F03E
03-M	1	A0313M03
03-ME*	1	A0313M03E
03-MX	1	A0313M03X
03-MXE	1	A0313M03XE
03-MXE	1	A0313M03XE-60
03-MXE	1	A0313M03XE-80
03-C	1	A0313C03
06-MX	1	A0613M03X
06-F	1	A0616F06
06-M	1	A0616M06
06-MDE*	1	A0616M06DE
06-ME*	1	A0616M06E
06-MX	1	A0616M06X
06-MXE	1	A0616M06XE
06-C	1	A0616C06
08-F*	1	A0820F06
08-FE*	1	A0820F06E
08-M	1	A0820M06
08-ME*	1	A0820M06E
08-MX	1	A0820M06X
08-MXE	1	A0820M06XE
08-C*	1	A0820C06
10-F*	1	A1020F06
10-M	1	A1020M06
10-ME*	1	A1020M06E
10-MX	1	A1020M06X
10-MXE	1	A1020M06XE
10-C*	1	A1020C06
10-MX	1	A1040M06X
10-MX	1	A1050M06X
12-F	1	A1225F06
12-FE*	1	A1225F06E
12-M	1	A1225M06
12-M	1	A1225M06DE
12-ME*	1	A1225M06E
12-MX	1	A1225M06X
12-MXE	1	A1225M06XE
12-C	1	A1225C06
12-F*	1	A1225F08
12-M	1	A1225M08
12-ME*	1	A1225M08E
12-MX*	1	A1225M08X
12-MXE*	1	A1225M08XE
12-C*	1	A1225C08
16-F*	1	A1625F06
16-M*	1	A1625M06
16-MX	1	A1625M06X
16-MXE	1	A1625M06XE
16-C*	1	A1625C06
16-F*	1	A1625F08
16-M	1	A1625M08
16-ME*	1	A1625M08E
16-MX	1	A1625M08X
16-MXE	1	A1625M08XE
16-C*	1	A1625C08

Cylindrical round nose



C

Width-cut		
03-F	1	C0313F03
03-M	1	C0313M03
03-MX	1	C0313M03X
03-C	1	C0313C03
06-MX	1	C0613M03X
06-MX	1	C0616M03X
06-F	1	C0616F06
06-M	1	C0616M06
06-M	1	C0616M06D
06-MX	1	C0616M06X
06-C	1	C0616C06
08-F*	1	C0820F06
08-M	1	C0820M06
08-MX	1	C0820M06X
08-C*	1	C0820C06
10-F*	1	C1020F06
10-M	1	C1020M06
10-MX	1	C1020M06X
10-C*	1	C1020C06
12-F	1	C1225F06
12-M	1	C1225M06
12-MX	1	C1225M06X
12-C	1	C1225C06
12-F*	1	C1225F08
12-M	1	C1225M08
12-MX*	1	C1225M08X
12-C*	1	C1225C08
16-F*	1	C1625F06
16-M	1	C1625M06
16-MX	1	C1625M06X
16-C*	1	C1625C06
16-F*	1	C1625F08
16-M	1	C1625M08
16-MX	1	C1625M08X
16-C*	1	C1625C08

Tungsten carbide rotary burrs spherical



D

Width-cut		
03-F	1	D0303F03
03-M	1	D0303M03
03-MX	1	D0303M03X
03-C	1	D0303C03
06-MX	1	D0605M03X
06-F	1	D0606F06
06-M	1	D0606M06
06-MX	1	D0606M06X
06-C	1	D0606C06
08-F*	1	D0807F06
08-M	1	D0807M06
08-MX	1	D0807M06X
08-C*	1	D0807C06





**TUNGSTEN CARBIDE
ROTARY BURRS**

Width-cut		
10-F*	1	D1009F06
10-M	1	D1009M06
10-MX	1	D1009M06X
10-C*	1	D1009C06
12-F	1	D1211F06
12-D	1	D1211F06D
12-M	1	D1211M06
12-MX	1	D1211M06X
12-C	1	D1211C06
16-F*	1	D1614F06
16-M	1	D1614M06
16-MX	1	D1614M06X
16-C*	1	D1614C06
16-F*	1	D1614F08
16-M	1	D1614M08
16-MX	1	D1614M08X
16-C*	1	D1614C08

Oval



E

Width-cut		
03-F*	1	E0308F03
03-M	1	E0308M03
03-MX*	1	E0308M03X
03-C*	1	E0308C03
06-F*	1	E0614F06
06-M	1	E0614M06
06-MX	1	E0614M06X
06-C*	1	E0614C06
08-F*	1	E0816F06
08-M	1	E0816M06
08-MX	1	E0816M06X
08-C*	1	E0816C06
10-F*	1	E1018F06
10-M	1	E1018M06
10-MX	1	E1018M06X
10-C*	1	E1018C06
12-F*	1	E1222F06
12-M*	1	E1222M06
12-MX	1	E1222M06X
12-C*	1	E1222C06
12-F*	1	E1222F08
12-M*	1	E1222M08
12-MX*	1	E1222M08X
12-C*	1	E1222C08
16-F*	1	E1625F06
16-M*	1	E1625M06
16-MX	1	E1625M06X
16-C	1	E1625C06
16-F*	1	E1625F08
16-M	1	E1625M08
16-MX	1	E1625M08X
16-C*	1	E1625C08

Arch round nose



F

Width-cut		
03-F	1	F0313F03
03-M	1	F0313M03
03-MX*	1	F0313M03X
03-C	1	F0313C03
04-F*	1	F0612F04
04-M	1	F0612M04
04-MX*	1	F0612M04X
04-C*	1	F0612C04
03-MX	1	F0613M03X
06-F	1	F0618F06
06-M	1	F0618M06
06-MX	1	F0618M06X
06-C	1	F0618C06
08-F*	1	F0820F06
08-M	1	F0820M06
08-MX	1	F0820M06X
08-C*	1	F0820C06
10-F*	1	F1020F06
10-M	1	F1020M06
10-MX	1	F1020M06X
10-C*	1	F1020C06
12-F	1	F1225F06
12-M	1	F1225M06
12-MX	1	F1225M06X
12-C	1	F1225C06
12-F*	1	F1225F08
12-M	1	F1225M08
12-MX*	1	F1225M08X
12-C*	1	F1225C08
16-F*	1	F1625F06
16-M	1	F1625M06
16-MX	1	F1625M06X
16-C*	1	F1625C06
16-F*	1	F1625F08
16-M	1	F1625M08
16-MX	1	F1625M08X
16-C*	1	F1625C08

Arch pointed nose



G

Width-cut		
03-F	1	G0313F03
03-M	1	G0313M03
03-MX	1	G0313M03X
03-C	1	G0313C03
06-MX	1	G0613M03X
06-F	1	G0618F06
06-M	1	G0618M06
06-MX	1	G0618M06X
06-C	1	G0618C06

Width-cut

Width-cut		
08-F*	1	G0820F06
08-M	1	G0820M06
08-MX	1	G0820M06X
08-C	1	G0820C06
10-F*	1	G1020F06
10-M*	1	G1020M06
10-MX	1	G1020M06X
10-C*	1	G1020C06
12-F	1	G1225F06
12-M	1	G1225M06
12-MX	1	G1225M06X
12-C	1	G1225C06
12-F*	1	G1225F08
12-M	1	G1225M08
12-MX*	1	G1225M08X
12-C*	1	G1225C08
16-F*	1	G1625F06
16-M	1	G1625M06
16-MX	1	G1625M06X
16-C*	1	G1625C06
16-F*	1	G1625F08
16-M	1	G1625M08
16-MX	1	G1625M08X
16-C*	1	G1625C08

Tungsten carbide rotary burrs flame



H

Width-cut		
06-MX	1	H0613M03X
10-F*	1	H1025F06
10-M	1	H1025M06
10-M	1	H1025M08
10-MX	1	H1025M06X
10-C*	1	H1025C06
12-M	1	H1232M06
12-MX	1	H1232M06X
16-F*	1	H1635F06
16-MX	1	H1635M06X
16-M*	1	H1635M06
16-C*	1	H1635C06
16-F*	1	H1635F08
16-M*	1	H1635M08
16-MX	1	H1635M08X
16-C*	1	H1635C08

60° cone



J

Width-cut		
06-F*	1	J0604F06
06-M	1	J0604M06
06-C*	1	J0604C06
10-F*	1	J1010F06
10-M	1	J1010M06

Width-cut		
10-C*	1	J1010C06
12-M	1	J1212M06
16-F*	1	J1616F06
16-M	1	J1616M06
16-C*	1	J1616C06
16-F*	1	J1616F08
16-M*	1	J1616M08
16-C*	1	J1616C08

90° cone



K

Width-cut		
06-F*	1	K0602F06
06-M	1	K0602M06
06-C*	1	K0602C06
10-F*	1	K1008F06
10-M	1	K1008M06
10-C*	1	K1008C06
12-F*	1	K1210F06
12-M	1	K1210M06
12-C*	1	K1210C06
16-F*	1	K1612F06
16-M*	1	K1612M06
16-C*	1	K1612C06
16-M	1	K1612M08
16-F*	1	K1612F08
16-C*	1	K1612C08

Conical round nose



L

Width-cut		
10-F*	1	L1020F06
10-M	1	L1020M06
10-MX	1	L1020M06X
10-C*	1	L1020C06
12-F*	1	L1225F06
12-M	1	L1225M06
12-MX	1	L1225M06X
12-F*	1	L1230F06
12-M	1	L1230M06
12-MX	1	L1230M06X
12-C*	1	L1230C06
16-F*	1	L1630F06
16-M*	1	L1630M06
16-MX	1	L1630M06X
16-C*	1	L1630C06
16-M	1	L1630M08
16-MX	1	L1630M08X
16-F*	1	L1630F08
16-C*	1	L1630C08

Tungsten carbide rotary burrs, conical pointed nose f=fine, m=medium, c=coarse



M

Width-cut		
03-F	1	M0310F03
03-M	1	M0310M03
03-MX*	1	M0310M03X
03-C	1	M0310C03
06-MX	1	M0613M03X
06-F	1	M0618F06
06-M	1	M0618M06
06-MX	1	M0618M06X
06-C	1	M0618C06
10-F*	1	M1022F06
10-M	1	M1022M06
10-MD*	1	M1022M06D
10-MX	1	M1022M06X
10-C*	1	M1022C06
12-F	1	M1227F06
12-M	1	M1227M06
12-MX	1	M1227M06X
12-C	1	M1227C06
12-F*	1	M1227F08
12-M*	1	M1227M08
12-MX*	1	M1227M08X
12-C*	1	M1227C08
16-F*	1	M1630F06
16-M*	1	M1630M06
16-MX	1	M1630M06X
16-C*	1	M1630C06
16-F*	1	M1630F08
16-M	1	M1630M08
16-MX*	1	M1630M08X
16-C*	1	M1630C08

Tungsten carbide rotary burrs, inverted cone f=fine, m=medium, c=coarse



N

Width-cut		
03-F*	1	N0306F03
03-M	1	N0306M03
03-ME*	1	N0306M03E
03-C*	1	N0306C03
06-F*	1	N0607F06
06-M	1	N0607M06
06-ME*	1	N0607M06E
06-C*	1	N0607C06
12-F*	1	N1213F06
12-M	1	N1213M06
12-ME*	1	N1213M06E
12-X	1	N1213M06X
12-C*	1	N1213C06
16-F*	1	N1613F06
16-M*	1	N1613M06
16-ME*	1	N1613M06E

Width-cut		
16-MX*	1	N1613M06X
16-C*	1	N1613C06
16-F*	1	N1613F08
16-M	1	N1613M08
16-ME*	1	N1613M08E
16-C*	1	N1613C08

Burrs for aluminium cylindrical



A-AL

Width-cut		
06-ALE	1	A0616AL06E
12-ALE	1	A1225AL06E
12-ALE	1	A1225AL08E

Burrs for aluminium cylindrical round nose



C-AL

Width-cut		
06-AL	1	C0616AL06
12-AL	1	C1225AL06
12-AL	1	C1225AL08

Burrs for aluminium spherical



D-AL

Width-cut		
12-AL	1	D1211AL06
12-AL	1	D1211AL08

TUNGSTEN CARBIDE ROTARY BURRS

Burrs for aluminium arch round nose



F-AL

Width-cut		
06-AL	1	F0618AL06
12-AL	1	F1225AL06
12-AL	1	F1225AL08

Burrs for aluminium conical, round nose



L-AL

Width-cut		
12-AL	1	L1230AL06
12-AL	1	L1230AL08

Special burrs for internal grinding



A-int

Width-cut		
04-FD	1	A0408F03D
06-FD	1	A0610F06D
08-FD	1	A0810F06D

Special burr for tyre repair



A/G

Width-cut		
03-MX	1	A0320M03X
06-MX	1	A0625M06X
06-MX	1	G0645M4.9X
08-MX	1	G0845M6.6X
10-MX	1	G1050M8.3X
06-MX (HSS)	1	HSSG-G0645MX

HSS ROTARY BURRS

Cylindrical



HSSG-A

Width-cut		
06-M	1	HSSG-A0616M
10-M	1	HSSG-A1020M
12-EC	1	HSSG-A1225EC
12-M	1	HSSG-A1225M
16-M	1	HSSG-A1625M

Cylindrical round nose



HSSG-C

Width-cut		
06-M	1	HSSG-C0616M
10-M	1	HSSG-C1020M
12-EC	1	HSSG-C1225EC
12-M	1	HSSG-C1225M

Spherical



HSSG-D

Width-cut		
06-M	1	HSSG-D0606M
08-M	1	HSSG-D0807M
10-M	1	HSSG-D1009M
12-EC	1	HSSG-D1211EC
12-M	1	HSSG-D1211M
16-M	1	HSSG-D1614M

Oval



HSSG-E

Width-cut		
06-M	1	HSSG-E0614M
12-EC	1	HSSG-E1222EC
12-M	1	HSSG-E1222M
16-M	1	HSSG-E1625M

Arch round nose



HSSG-F

Width-cut		
06-M	1	HSSG-F0618M
12-M	1	HSSG-F1225M
16-M	1	HSSG-F1625M

Arch pointed nose



HSSG-G

Width-cut		
06-M	1	HSSG-G0618M
12-M	1	HSSG-G1220M
12-EC	1	HSSG-G1225EC
12-M	1	HSSG-G1225M

Conical pointed nose



HSSG-M

Width-cut		
06-M	1	HSSG-M0618M
12-M	1	HSSG-M1227M

Inverted cone



HSSG-N

Width-cut		
12-M	1	HSSG-N1230M

Oval pointed nose



HSSG-O

Width-cut		
12-M	1	HSSG-O1218M

Pear



HSSG-P

Width-cut		
06-M	1	HSSG-P0622M
12-M	1	HSSG-P1230M

AUTOMOTIVE

Spark plug wire brush



52

mm		
150	1	52

General purpose utility wire brush



782-U

mm		
290	1	782-U

Brake steel brush



783

mm		
230	1	783

Terminal brush



2555

mm		
85	12	2555







Wrenches and spanners



▶ ADJUSTABLE WRENCHES

Phosphated adjustable wrench, P: reversible jaw



9072



9072P

90 ergo®

mm			
158x20	5		9070
158x21	5		9070 P
208x27	5		9071
208x28	5		9071 P
257x31	5		9072
257x33	5		9072 P
308x34	5		9073
308x35	5		9073 P

Phosphated adjustable wrench, wide opening jaw



9029-9035 ergo®

mm			
170x32	5		9029
218x38	5		9031
270x46.5	5		9033
324x55.6	5		9035

Adjustable wrench, wide jaw, extra thin jaws



9031-T ergo®

mm			
218x38	5		9031-T

Chrome plated adjustable wrench, series P



9072 C



9072 PC

90C ergo®

mm			
158x20	5		9070C
158x21	5		9070 PC
208x27	5		9071C
208x28	5		9071 PC
257x31	5		9072 C
257x33	5		9072 PC
308x34	3		9073 C
308x35	3		9073 PC

Chrome plated adjustable wrench with extra wide jaw opening



9029C/9031C

mm			
170x32	5		9029 C
218x38	5		9031 C

Phosphated adjustable wrench



8070

80

mm			
110x13	5		8069
155x20	5		8070
205x27	5		8071
255x30	5		8072
305x34	5		8073
380x44	3		8074
455x53	3		8075
110x13	50		8069 IP
155x20	40		8070 IP
205x27	50		8071 IP
255x30	30		8072 IP
305x34	20		8073 IP
380x44	20		8074 IP
455x53	10		8075 IP

Chrome-plated adjustable wrench



8069C - 8075C



8072PC - 8073PC

80C

mm			
110x13	5		8069 C
155x20	5		8070 C
205x27	5		8071 C
255x30	5		8072 C
305x34	3		8073 C
380x44	3		8074 C
455x53	3		8075 C
110x13	5		8069 C IP
155x20	5		8070 C IP
205x27	5		8071 C IP
255x30	5		8072 C IP
305x34	3		8073 C IP
380x44	3		8074 C IP
455x53	3		8075 C IP

Adjustable wrench



31



86 - 87

31/86/87

mm			
205x32	5		31
614x63	1		86
770x85	1		87
205x32	50		31 IP

Spare parts for adjustable wrenches: roll, pin, spring and jaw



8069-8075, 9029, 9031



10, 31, 86, 87

RPS

for codes		
8069 C	1	8069-95
9070 C	1	8070-95
9071 C	1	8071-95
9072 C	1	8072-95
9073 C	1	8073-95
8074 C	1	8074-95
8075 C	1	8075-95
9029	1	9029-95
9031	1	9031-95
31	1	31-95
9070P/C	1	9070 P-95
9071P/C	1	9071 P-95
8072P/9072P	1	9072 P-95
8073P/9073P	1	9073 P-95

Spare parts for adjustable wrenches



RPS-R

for codes		
3004 N	1	8069 R-95
3006 N	1	8070 R-95
3008 N	1	8071 R-95
3010 N	1	8072 R-95
3012 N	1	8073 R-95

Chrome plated nut adjustable wrench for heavy duty applications



91C



97C

91C/97C

mm	inch		
150	6	5	91C
200	8	5	92C
250	10	5	93C
300	12	5	94C
400	16	1	95C
500	20	1	96C
750	30	1	97C

3/8" Crowfoot adjustable wrench



1950MZ

3/8"x0-29mm	1	1950MZ-3/8

Phosphate adjustable wrenches, heavy duty



9570-9573

mm		
158x20	5	9570
208x27	5	9571
257x35	5	9572
308x39.5	5	9573

▶ SPANNERS

Double open-end spanner



6M

mm	mm		
4x5	105	10	6M-4-5
4,5x5,5	105	10	6M-4.5-5.5
5x5,5	105	10	6M-5-5.5
5,5x7	122	10	6M-5.5-7
6x7	122	10	6M-6-7
7x8	122	10	6M-7-8
8x9	138	10	6M-8-9
8x10	138	10	6M-8-10
10x11	153	10	6M-10-11
10x13	153	10	6M-10-13
12x13	168	10	6M-12-13
12x14	168	10	6M-12-14
13x14	168	10	6M-13-14
13x15	183	10	6M-13-15
13x16	183	10	6M-13-16
13x17	183	10	6M-13-17
14x15	183	10	6M-14-15
14x17	183	10	6M-14-17
16x17	201	10	6M-16-17
16x18	201	10	6M-16-18
17x19	222	10	6M-17-19
18x19	222	10	6M-18-19
19x22	225	10	6M-19-22
19x24	225	10	6M-19-24
20x22	225	10	6M-20-22
21x23	240	10	6M-21-23
21x24	240	10	6M-21-24
22x24	240	10	6M-22-24
24x26	260	10	6M-24-26
24x27	260	10	6M-24-27
24x30	280	5	6M-24-30
25x28	280	5	6M-25-28
27x30	280	5	6M-27-30
27x32	300	5	6M-27-32
30x32	300	5	6M-30-32
30x36	355	5	6M-30-36
32x36	355	5	6M-32-36
34x36	355	1	6M-34-36
36x41	385	1	6M-36-41
38x42	385	1	6M-38-42
41x46	400	1	6M-41-46
46x50	446	1	6M-46-50
4x5	105	1	SB6M-4-5
6x7	122	1	SB6M-6-7
8x9	138	1	SB6M-8-9
10x11	153	1	SB6M-10-11
12x13	168	1	SB6M-12-13
14x15	183	1	SB6M-14-15
16x17	201	1	SB6M-16-17
18x19	222	1	SB6M-18-19
20x22	225	1	SB6M-20-22
21x23	240	1	SB6M-21-23
22x24	240	1	SB6M-22-24
24x26	260	1	SB6M-24-26
24x27	260	1	SB6M-24-27
30x32	300	1	SB6M-30-32



SPANNERS

Set of double open-end spanners



6M-BOX

mm		
6-32	1	6M-BOX

Set of double open-end spanners



6M/S8



6M/8T



6M/SH6



6M/SH12

6M/

mm		
6-22	1	6M/8T
6-32	1	6M/10T
6-32	1	6M/12T
6-22	1	6M/S8
8-19	1	6M/SH6
6-27	1	6M/SH12

Double open-end spanner



S10

mm		
6x7	1	SBS10-6-7
8x9	1	SBS10-8-9
10x11	1	SBS10-10-11
12x13	1	SBS10-12-13
14x15	1	SBS10-14-15
16x17	1	SBS10-16-17
17x19	1	SBS10-17-19
18x19	1	SBS10-18-19
20x22	1	SBS10-20-22
21x23	1	SBS10-21-23
24x27	1	SBS10-24-27
30x32	1	SBS10-30-32

Double open-end spanner set



S10/

mm		
8-19	1	S10/SH6
6-17	1	S10/SH11

Double open-end spanner



6Z

inch		
1/4x5/16	5	6Z-1/4-5/16
3/8x7/16	5	6Z-3/8-7/16
7/16x1/2	5	6Z-7/16-1/2
1/2x9/16	5	6Z-1/2-9/16
9/16x5/8	5	6Z-9/16-5/8
19/32x11/16	5	6Z-19/32-11/16
5/8x3/4	5	6Z-5/8-3/4
11/16x3/4	5	6Z-11/16-3/4
3/4x7/8	5	6Z-3/4-7/8
25/32x13/16	5	6Z-25/32-13/16
13/16x7/8	5	6Z-13/16-7/8
7/8x15/16	5	6Z-7/8-15/16
15/16x1	5	6Z-15/16-1
1x1.1/8	1	6Z-1-1.1/8
1.1/16x1.1/4	1	6Z-1.1/16-1.1/4
1.1/4x1.3/8	1	6Z-1.1/4-1.3/8

Double open-end spanner set



6Z/

inch		
1/4"-1"	1	6Z/8T

Liliput double open-end spanner



1931M

mm		
4	5	1931M-4
4,5	5	1931M-4.5
5	5	1931M-5
5,5	5	1931M-5.5
6	5	1931M-6
7	5	1931M-7
8	5	1931M-8
9	5	1931M-9
10	5	1931M-10
11	5	1931M-11
12	5	1931M-12
13	5	1931M-13
14	5	1931M-14
17	5	1931M-17

Liliput double open-end spanner set



1931M/

mm		
4-11	1	1931M/10T

Liliput double open-end spanners



1931Z

inch		
5/32	5	1931Z-5/32
3/16	5	1931Z-3/16
13/64	5	1931Z-13/64
7/32	5	1931Z-7/32
1/4	5	1931Z-1/4
9/32	5	1931Z-9/32
5/16	5	1931Z-5/16
11/32	5	1931Z-11/32
3/8	5	1931Z-3/8
7/16	5	1931Z-7/16
1/2	5	1931Z-1/2
9/16	5	1931Z-9/16
5/8	5	1931Z-5/8

Liliput double open-end spanner set



1931Z/

inches		
5/32-5/8	1	1931Z/12T

Electronic double open-end spanner set



1933M/

mm		
4-7	1	1933M/6T

Flare-nut open-ring spanner



1950M

mm		
10 (1/4)	1	1950M-10
12 (1/4)	1	1950M-12
13 (1/4)	1	1950M-13
14 (1/4)	1	1950M-14
17 (3/8)	1	1950M-17
19 (3/8)	1	1950M-19
21 (3/8)	1	1950M-21
22 (3/8)	1	1950M-22
24 (3/8)	1	1950M-24
26 (3/8)	1	1950M-26
27 (3/8)	1	1950M-27
30 (1/2)	1	1950M-30
32 (1/2)	1	1950M-32
36 (1/2)	1	1950M-36
41 (1/2)	1	1950M-41
46 (1/2)	1	1950M-46

Flare-nut spanner, double end offset



1949M

point	inch		
6	8x9	1	1949M-8-9
6	10x11	1	1949M-10-11
6	10x12	1	1949M-10-12
6	12x13	1	1949M-12-13
12	12x14	1	1949M-12-14
12	14x15	1	1949M-14-15
12	14x17	1	1949M-14-17
12	17x19	1	1949M-17-19
12	19x22	1	1949M-19-22
12	22x24	1	1949M-22-24
12	24x27	1	1949M-24-27
12	30x32	1	1949M-30-32

Flare-nut spanner, double end, offset



1949Z

point	inch		
6	3/8x7/16	1	1949Z-3/8-7/16
6	1/2x9/16	1	1949Z-1/2-9/16
12	5/8x3/4	1	1949Z-5/8-3/4
12	3/4x7/8	1	1949Z-3/4-7/8
12	1x1.1/8	1	1949Z-1-1.1/8

Double ended ring spanner, deep offset



2M

mm		
6x7	5	2M-6-7
8x9	5	2M-8-9
8x10	5	2M-8-10
10x11	5	2M-10-11
10x13	5	2M-10-13
12x13	5	2M-12-13
13x17	5	2M-13-17
14x15	5	2M-14-15
16x17	5	2M-16-17
16x18	5	2M-16-18
17x19	5	2M-17-19
18x19	5	2M-18-19
19x22	5	2M-19-22
20x22	5	2M-20-22
21x23	5	2M-21-23
22x24	5	2M-22-24
24x26	5	2M-24-26
24x27	5	2M-24-27
25x28	5	2M-25-28
27x30	5	2M-27-30
27x32	5	2M-27-32
30x32	5	2M-30-32
32x36	1	2M-32-36
36x41	1	2M-36-41
41x46	1	2M-41-46
46x50	1	2M-46-50
6x7	1	SB2M-6-7
8x9	1	SB2M-8-9
10x11	1	SB2M-10-11
12x13	1	SB2M-12-13
14x15	1	SB2M-14-15
16x17	1	SB2M-16-17
17x19	1	SB2M-17-19
18x19	1	SB2M-18-19
20x22	1	SB2M-20-22
21x23	1	SB2M-21-23
24x27	1	SB2M-24-27
24x26	1	SB2M-24-26
30x32	1	SB2M-30-32

Double ended ring spanner, deep offset



2Z

inch		
1/4x5/16	1	2Z-1/4-5/16
5/16x3/8	1	2Z-5/16-3/8
3/8x7/16	1	2Z-3/8-7/16
1/2x9/16	1	2Z-1/2-9/16
9/16x5/8	1	2Z-9/16-5/8
5/8x11/16	1	2Z-5/8-11/16
3/4x7/8	1	2Z-3/4-7/8
13/16x7/8	1	2Z-13/16-7/8
15/16x1	1	2Z-15/16-1
1x1.1/8	1	2Z-1-1.1/8
1.1/16x1.1/4	1	2Z-1.1/16-1.1/4





▶ SPANNERS

Double ended ring spanner



1300Z

inch		
1/4x5/16	1	1300Z-1/4-5/16
3/8x7/16	1	1300Z-3/8-7/16
1/2x9/16	1	1300Z-1/2-9/16
19/32x11/16	1	1300Z-19/32-11/16
5/8x3/4	1	1300Z-5/8-3/4
25/32x13/16	1	1300Z-25/32-13/16
7/8x15/16	1	1300Z-7/8-15/16
15/16x1	1	1300Z-15/16-1
1x1.1/8	1	1300Z-1-1.1/8

Double ended ring spanner, deep offset




2M/8T



2M/S8



2M/Z/ 

mm-inches		
6x7-20x22	1	2M/8T
6x7-30x32	1	2M/12T
6x7-20x22	1	2M/S8

Double ended box spanner, deep offset





S30 

inch		
6x7	1	SBS30-6-7
8x9	1	SBS30-8-9
10x11	1	SBS30-10-11
12x13	1	SBS30-12-13
14x15	1	SBS30-14-15
16x17	1	SBS30-16-17
17x19	1	SBS30-17-19
18x19	1	SBS30-18-19
20x22	1	SBS30-20-22
21x23	1	SBS30-21-23
24x27	1	SBS30-24-27
30x32	1	SBS30-30-32

Double end flat ring spanner




4M 

mm		
6x7	10	4M-6-7
8x9	5	4M-8-9
10x11	5	4M-10-11
12x13	5	4M-12-13
14x15	5	4M-14-15
16x17	5	4M-16-17
17x19	5	4M-17-19
18x19	5	4M-18-19
20x22	5	4M-20-22
24x27	1	4M-24-27
30x32	1	4M-30-32

Ring spanner set





4M/ 

mm		
6x7-30x32	1	4M/10T

Double end flat ring spanner set





4M/

mm		
6x7-20x22	1	4M/8

Ring spanner, half-circle





1943M 

mm		
11x13	1	1943M-11-13
13x15	1	1943M-13-15
13x17	1	1943M-13-17
14x16	1	1943M-14-16
14x17	1	1943M-14-17
15x17	1	1943M-15-17
19x22	1	1943M-19-22

Ratcheting ring spanner




1320RM

mm		
6x7	1	1320RM-6-7
8x9	1	1320RM-8-9
10x11	1	1320RM-10-11
12x13	1	1320RM-12-13
14x15	1	1320RM-14-15
16x17	1	1320RM-16-17
18x19	1	1320RM-18-19

Ratcheting ring spanner set



1320RM/

mm		
6x7-18x19	10	1320RM/S7

Ratcheting box spanner set



S4RM/

mm		
8x9-18x19	20	S4RM/3T

Ratcheting spanner



1320RZ

inch		
1/4 x 5/16	1	1320RZ-1/4-5/16
3/8 x 7/16	1	1320RZ-3/8-7/16
1/2 x 9/16	1	1320RZ-1/2-9/16

Heavy duty box spanner, offset,



310M

mm		
24	1	310M-24
27	1	310M-27
30	1	310M-30
32	1	310M-32
36	1	310M-36
38	1	310M-38
41	1	310M-41
46	1	310M-46
50	1	310M-50
55	1	310M-55
60	1	310M-60
65	1	310M-65
70	1	310M-70
75	1	310M-75
80	1	310M-80
85	1	310M-85
90	1	310M-90
95	1	310M-95

Tubular handle



R310

Ø mm		
19	1	R310-0
22	1	R310-1
25	1	R310-2
30	1	R310-3

Double head socket spanner, offset



28M

mm		
6	5	28M-6
7	5	28M-7
8	5	28M-8
9	5	28M-9
10	5	28M-10
11	5	28M-11
12	5	28M-12
13	5	28M-13
14	5	28M-14
15	5	28M-15
16	5	28M-16
17	5	28M-17
18	3	28M-18
19	3	28M-19
20	3	28M-20
21	3	28M-21
22	3	28M-22
23	3	28M-23
24	3	28M-24
25	3	28M-25
26	3	28M-26
27	3	28M-27
28	1	28M-28
29	1	28M-29
30	1	28M-30
32	1	28M-32

Double head socket spanner set



28M/

mm		
8-19	1	28M/8
8-22	1	28M/11
8-19	1	28M/12
8-24	1	28M/15

Double head socket spanner, offset



29M

mm		
6	5	29M-6
7	5	29M-7
8	5	29M-8
9	5	29M-9
10	5	29M-10
11	5	29M-11
12	5	29M-12
13	5	29M-13
14	5	29M-14
15	5	29M-15
16	5	29M-16
17	5	29M-17
18	3	29M-18
19	3	29M-19
20	3	29M-20
21	3	29M-21
22	3	29M-22
23	3	29M-23
24	3	29M-24
25	3	29M-25
26	3	29M-26
27	3	29M-27
28	1	29M-28
29	1	29M-29
30	1	29M-30
32	1	29M-32

Double head socket spanner set



29M/

mm		
8-22	1	29M/8
8-19	1	29M/10
8-24	1	29M/14



SPANNERS

Double head box spanner



1936M



mm		
6x7	5	1936M-6-7
8x9	5	1936M-8-9
8x10	5	1936M-8-10
10x11	5	1936M-10-11
10x13	5	1936M-10-13
12x13	5	1936M-12-13
13x17	5	1936M-13-17
14x15	5	1936M-14-15
14x17	5	1936M-14-17
16x17	5	1936M-16-17
17x19	5	1936M-17-19
18x19	5	1936M-18-19
19x22	5	1936M-19-22
20x22	5	1936M-20-22
21x23	5	1936M-21-23
22x24	5	1936M-22-24
24x26	5	1936M-24-26
24x27	5	1936M-24-27
25x28	1	1936M-25-28
30x32	1	1936M-30-32
30x34	1	1936M-30-34
36x41	1	1936M-36-41
46x50	1	1936M-46-50

Double head box spanner set



1936M/



mm		
8x9-20x22	1	1936M/7
6x7-30x32	1	1936M/12

Double head box spanner



27M

mm		
6x7	10	27M-6-7
8x9	10	27M-8-9
10x11	10	27M-10-11
13x17*	10	27M-13-17
14x15	10	27M-14-15
16x18*	10	27M-16-18
18x19*	10	27M-18-19
21x23*	5	27M-21-23
21x24*	5	27M-21-24
24x26*	5	27M-24-26
24x27*	5	27M-24-27
25x28*	5	27M-25-28
27x29*	5	27M-27-29
6x7	10	SB27M-6-7
8x9	10	SB27M-8-9
10x11	10	SB27M-10-11
12x13	10	SB27M-12-13
14x15	10	SB27M-14-15
16x17*	10	SB27M-16-17
18x19*	10	SB27M-18-19
20x22*	10	SB27M-20-22
21x23*	5	SB27M-21-23
24x26*	5	SB27M-24-26

* with hole to locate stud

Double head box spanner set



27M/

From/To		
6x7/16x17	1	27M/6
6x7/20x22	1	27M/8
6x7/24x26	1	27M/10
6x7/30x32	1	27M/12

Double head box spanner set



27M/

From/to		
6x7/20x22	1	27M/8T
6x7/30x32	1	27M/12T

Stepped tommy bar



26S

Ø mm		
6, 8, 10	1	26S-610
12, 14, 16	1	26S-1216

Flex-head spanner, metric mm



4040M



mm		
6x7	1	4040M-6-7
8x9	1	4040M-8-9
10x11	1	4040M-10-11
10x13	1	4040M-10-13
12x13	1	4040M-12-13
13x17	1	4040M-13-17
14x15	1	4040M-14-15
16x17	1	4040M-16-17
16x18	1	4040M-16-18
17x19	1	4040M-17-19
18x19	1	4040M-18-19
20x22	1	4040M-20-22
21x23	1	4040M-21-23
24x27	1	4040M-24-27

Flex-head spanner set



4040M/6T



4040M/S6

4040M/

mm		
8x9-18x19	1	4040M/6T
8x9-18x19	1	4040M/S6

Flex-head spanner



S50

mm		
8x9	1	SBS50-8-9
10x11	1	SBS50-10-11
12x13	1	SBS50-12-13
14x15	1	SBS50-14-15
16x17	1	SBS50-16-17
18x19	1	SBS50-18-19
20x22	1	SBS50-20-22
21x23	1	SBS50-21-23

Flex-head spanner



4040Z

inch		
3/8x7/16	1	4040Z-3/8-7/16
1/2x9/16	1	4040Z-1/2-9/16
5/8x11/16	1	4040Z-5/8-11/16
5/8x3/4	1	4040Z-5/8-3/4

COMBINATION SPANNERS

Liliput combination spanner



4020L-M

mm		
3	5	4020L-M-3
3,2	5	4020L-M-3.2
3,5	5	4020L-M-3.5
4,5	5	4020L-M-4.5
5	5	4020L-M-5
5,5	5	4020L-M-5.5

Magnetic spanner, on a ring



3280M/

mm		
4-7,5	1	3280M

Combination spanner, offset



111M

mm		
5,5	10	111M-5.5
6	10	111M-6
7	10	111M-7
8	10	111M-8
9	10	111M-9
10	10	111M-10
11	10	111M-11
12	10	111M-12
13	10	111M-13
14	10	111M-14
15	10	111M-15
16	10	111M-16
17	10	111M-17
18	10	111M-18
19	10	111M-19
20	10	111M-20
21	10	111M-21
22	5	111M-22
23	5	111M-23
24	5	111M-24
25	5	111M-25
26	5	111M-26
27	5	111M-27
28	5	111M-28
29	5	111M-29
30	5	111M-30
32	5	111M-32
34	5	111M-34
36	1	111M-36
41	1	111M-41
46	1	111M-46
50	1	111M-50
55	1	111M-55
60	1	111M-60
65	1	111M-65
70	1	111M-70
75	1	111M-75
80	1	111M-80
6	1	SB111M-6
7	1	SB111M-7
8	1	SB111M-8
9	1	SB111M-9
10	1	SB111M-10
11	1	SB111M-11
12	1	SB111M-12
13	1	SB111M-13
14	1	SB111M-14
15	1	SB111M-15
16	1	SB111M-16

mm		
17	1	SB111M-17
18	1	SB111M-18
19	1	SB111M-19
20	1	SB111M-20
21	1	SB111M-21
22	1	SB111M-22
23	1	SB111M-23
24	1	SB111M-24
25	1	SB111M-25
26	1	SB111M-26
27	1	SB111M-27
30	1	SB111M-30

Combination spanner set, offset



111M/11T



111M/10



111M/SH6



111M/SH12

111M/

mm		
8-22	1	111M/7T
8-22	1	111M/11T
6-32	1	111M/14T
6-22	1	111M/17T
6-32	1	111M/26T
8-22	1	111M/10
8-17	1	111M/SH6
8-19	1	111M/SH12





COMBINATION SPANNERS

Set of combination spanners, offset



BS20/

mm		
8-22	1	BS20/S10

Combination spanner



S20

mm	inch		
6		1	SBS20-6
7		1	SBS20-7
8		1	SBS20-8
9		1	SBS20-9
10		1	SBS20-10
11		1	SBS20-11
12		1	SBS20-12
13		1	SBS20-13
14		1	SBS20-14
15		1	SBS20-15
16		1	SBS20-16
17		1	SBS20-17
18		1	SBS20-18
19		1	SBS20-19
20		1	SBS20-20
21		1	SBS20-21
22		1	SBS20-22
24		1	SBS20-24
27		1	SBS20-27
30		1	SBS20-30
32		1	SBS20-32

Combination spanner set



S20/

mm		
8-17	1	S20/SH6
8-19	1	S20/SH12

Combination spanner



111Z

inch		
1/4	5	111Z-1/4
5/16	5	111Z-5/16
3/8	5	111Z-3/8
7/16	5	111Z-7/16
1/2	5	111Z-1/2
9/16	5	111Z-9/16
5/8	5	111Z-5/8
11/16	5	111Z-11/16
3/4	5	111Z-3/4
13/16	5	111Z-13/16
7/8	5	111Z-7/8
15/16	3	111Z-15/16
1	3	111Z-1
1.1/16	5	111Z-1.1/16
1.1/8	5	111Z-1.1/8
1.1/4	5	111Z-1.1/4
1.5/16	5	111Z-1.5/16
1.3/8	1	111Z-1.3/8
1.7/16	1	111Z-1.7/16
1.1/2	1	111Z-1.1/2
1.5/8	1	111Z-1.5/8
1.11/16	1	111Z-1.11/16
1.3/4	1	111Z-1.3/4
1.13/16	1	111Z-1.13/16
1.7/8	1	111Z-1.7/8
2	1	111Z-2
2.1/8	1	111Z-2.1/8
2.1/4	1	111Z-2.1/4
2.3/8	1	111Z-2.3/8
2 1/2	1	111Z-2.1/2
2.5/8	1	111Z-2.5/8
2.3/4	1	111Z-2.3/4
2.7/8	1	111Z-2.7/8
3	1	111Z-3

Combination spanner set



111Z/

inch		
3/8-7/8	1	111Z/8T
3/8-1	1	111Z/11T

Combination spanner, offset



1952M

mm		
6	10	1952M-6
7	10	1952M-7
8	10	1952M-8
9	10	1952M-9
10	10	1952M-10
11	10	1952M-11
12	10	1952M-12
13	10	1952M-13
14	10	1952M-14
15	10	1952M-15
16	10	1952M-16
17	10	1952M-17
18	10	1952M-18
19	10	1952M-19
20	10	1952M-20
21	10	1952M-21
22	5	1952M-22
23	5	1952M-23
24	5	1952M-24
25	5	1952M-25
26	5	1952M-26
27	5	1952M-27
28	1	1952M-28
29	1	1952M-29
30	1	1952M-30
32	1	1952M-32
34	1	1952M-34
36	1	1952M-36
41	1	1952M-41
46	1	1952M-46
50	1	1952M-50
55	1	1952M-55
60	1	1952M-60
65	1	1952M-65
70	1	1952M-70
75	1	1952M-75
80	1	1952M-80
7	1	SB1952M-7
8	1	SB1952M-8
10	1	SB1952M-10
12	1	SB1952M-12
13	1	SB1952M-13
14	1	SB1952M-14
17	1	SB1952M-17
19	1	SB1952M-19
24	1	SB1952M-24

Combination spanners set, offset



1952M/14T



1952M/10





1952M/SH6



1952M/SH12



1952M/

mm		
8-22	1	1952M/7T
6-32	1	1952M/14T
6-22	1	1952M/17T
6-32	1	1952M/26T
8-19	1	1952M/10
8-17	1	1952M/SH6
8-19	1	1952M/SH12

Combination spanner, offset





1952Z

inch		
1/4	5	1952Z-1/4
5/16	5	1952Z-5/16
11/32	5	1952Z-11/32
3/8	5	1952Z-3/8
7/16	5	1952Z-7/16
1/2	5	1952Z-1/2
9/16	5	1952Z-9/16
5/8	5	1952Z-5/8
11/16	5	1952Z-11/16
3/4	5	1952Z-3/4
13/16	5	1952Z-13/16
7/8	5	1952Z-7/8
15/16	5	1952Z-15/16
1	1	1952Z-1
1.1/16	1	1952Z-1.1/16
1.1/8	1	1952Z-1.1/8
1.1/4	1	1952Z-1.1/4
1.5/16	1	1952Z-1.5/16
1.3/8	1	1952Z-1.3/8
1.7/16	1	1952Z-1.7/16
1.1/2	1	1952Z-1.1/2
1.5/8	1	1952Z-1.5/8

Combination spanner set, offset




1952Z/



inch		
1/4-7/8	1	1952Z/11T

Combination spanner, offset, long series



11M



mm		
8	5	11M-8
9	5	11M-9
10	5	11M-10
11	5	11M-11
12	5	11M-12
13	5	11M-13
14	5	11M-14
15	5	11M-15
16	5	11M-16

mm		
17	5	11M-17
18	5	11M-18
19	5	11M-19
21	5	11M-21
22	5	11M-22
24	5	11M-24
27	1	11M-27
30	1	11M-30
32	1	11M-32
36	1	11M-36
38	1	11M-38

Combination spanner set, offset, long series





11M/

mm		
8-19	1	11M/S8

Ratchet combination spanner



1RM

mm		
6	1	1RM-6
7	1	1RM-7
8	1	1RM-8
9	1	1RM-9
10	1	1RM-10
11	1	1RM-11
12	1	1RM-12
13	1	1RM-13
14	1	1RM-14
15	1	1RM-15
16	1	1RM-16
17	1	1RM-17
18	1	1RM-18
19	1	1RM-19
22	1	1RM-22
24	1	1RM-24
27	1	1RM-27
30	1	1RM-30
32	1	1RM-32





COMBINATION SPANNERS

Ratchet combination spanner set



1RM/

mm		
8-17	1	1RM/S6
8-19	1	1RM/S12

Ratchet combination spanner



1RZ

Dimension		
1/4	1	1RZ-1/4
5/16	1	1RZ-5/16
3/8	1	1RZ-3/8
7/16	1	1RZ-7/16
1/2	1	1RZ-1/2
9/16	1	1RZ-9/16
5/8	1	1RZ-5/8
11/16	1	1RZ-11/16
3/4	1	1RZ-3/4

Set of ratchet combination spanners



1RZ/

inches		
5/16-3/4	1	1RZ/S8

Ratchet combination stubby spanner



10RM

Dimension		
8	1	10RM-8
10	1	10RM-10
13	1	10RM-13
17	1	10RM-17
19	1	10RM-19

Set with ratchet combination stubby spanner



10RM/

mm		
8-19	1	10RM/S5

Ratchet combination wrenches



41RM

mm		
8	1	41RM-8
10	1	41RM-10
11	1	41RM-11
12	1	41RM-12
13	1	41RM-13
14	1	41RM-14
17	1	41RM-17
19	1	41RM-19

Set of ratchet combination wrenches



41RM/

mm		
8-19	1	41RM/S8
8-19	1	41RM/S8H
8-19	1	41RM/S12H



SPANNERS, SPECIAL

Sledge hammer spanner



133SGM

mm		
27	1	133SGM-27
30	1	133SGM-30
32	1	133SGM-32
36	1	133SGM-36
41	1	133SGM-41
46	1	133SGM-46
50	1	133SGM-50
55	1	133SGM-55
60	1	133SGM-60
65	1	133SGM-65
70	1	133SGM-70
75	1	133SGM-75
80	1	133SGM-80
85	1	133SGM-85
90	1	133SGM-90
95	1	133SGM-95
100	1	133SGM-100
105	1	133SGM-105
110	1	133SGM-110
115	1	133SGM-115
120	1	133SGM-120

Ring-end sledge hammer spanner



7444SG-M

mm		
27	1	7444SG-M-27
30	1	7444SG-M-30
32	1	7444SG-M-32
34	1	7444SG-M-34
36	1	7444SG-M-36
38	1	7444SG-M-38
41	1	7444SG-M-41
42	1	7444SG-M-42
46	1	7444SG-M-46
50	1	7444SG-M-50
55	1	7444SG-M-55
60	1	7444SG-M-60
65	1	7444SG-M-65
70	1	7444SG-M-70
75	1	7444SG-M-75
80	1	7444SG-M-80
85	1	7444SG-M-85
90	1	7444SG-M-90
95	1	7444SG-M-95
100	1	7444SG-M-100
105	1	7444SG-M-105
110	1	7444SG-M-110
115	1	7444SG-M-115
120	1	7444SG-M-120
125	1	7444SG-M-125
130	1	7444SG-M-130
135	1	7444SG-M-135
140	1	7444SG-M-140
145	1	7444SG-M-145
150	1	7444SG-M-150
155	1	7444SG-M-155
160	1	7444SG-M-160
165	1	7444SG-M-165
170	1	7444SG-M-170
175	1	7444SG-M-175

Ring-end sledge hammer spanner



7444SG-Z

Inch		
1.1/16	1	7444SG-Z-1.1/16
1.1/8	1	7444SG-Z-1.1/8
1.3/16	1	7444SG-Z-1.3/16
1.1/4	1	7444SG-Z-1.1/4
1.5/16	1	7444SG-Z-1.5/16
1.3/8	1	7444SG-Z-1.3/8
1.7/16	1	7444SG-Z-1.7/16
1.1/2	1	7444SG-Z-1.1/2
1.5/8	1	7444SG-Z-1.5/8

Inch		
1.11/16	1	7444SG-Z-1.11/16
1.3/4	1	7444SG-Z-1.3/4
1.13/16	1	7444SG-Z-1.13/16
1.7/8	1	7444SG-Z-1.7/8
2	1	7444SG-Z-2
2.1/16	1	7444SG-Z-2.1/16
2.1/8	1	7444SG-Z-2.1/8
2.3/16	1	7444SG-Z-2.3/16
2.1/4	1	7444SG-Z-2.1/4
2.3/8	1	7444SG-Z-2.3/8
2.9/16	1	7444SG-Z-2.9/16
2.5/8	1	7444SG-Z-2.5/8
2.3/4	1	7444SG-Z-2.3/4
3	1	7444SG-Z-3
3.1/8	1	7444SG-Z-3.1/8
3.3/8	1	7444SG-Z-3.3/8
3.1/2	1	7444SG-Z-3.1/2
3.3/4	1	7444SG-Z-3.3/4
3.7/8	1	7444SG-Z-3.7/8
4	1	7444SG-Z-4
4.1/8	1	7444SG-Z-4.1/8
4.1/2	1	7444SG-Z-4.1/2

Offset ring slogging spanner



315M

mm		
27	1	315M-27
30	1	315M-30
32	1	315M-32
36	1	315M-36
41	1	315M-41
46	1	315M-46
50	1	315M-50
55	1	315M-55
60	1	315M-60
65	1	315M-65
70	1	315M-70
75	1	315M-75
80	1	315M-80

Offset ring slogging spanner



315Z

Inch		
1.1/16	1	315Z-1.1/16
1.1/8	1	315Z-1.1/8

Inch		
1.3/16	1	315Z-1.3/16
1.1/4	1	315Z-1.1/4
1.5/16	1	315Z-1.5/16
1.3/8	1	315Z-1.3/8
1.7/16	1	315Z-1.7/16
1.1/2	1	315Z-1.1/2
1.5/8	1	315Z-1.5/8
1.11/16	1	315Z-1.11/16
1.3/4	1	315Z-1.3/4
1.13/16	1	315Z-1.13/16
1.7/8	1	315Z-1.7/8
1.15/16	1	315Z-1.15/16
2	1	315Z-2
2.1/16	1	315Z-2.1/16
2.1/8	1	315Z-2.1/8
2.3/16	1	315Z-2.3/16
2.1/4	1	315Z-2.1/4
2.5/16	1	315Z-2.5/16
2.3/8	1	315Z-2.3/8
2.1/2	1	315Z-2.1/2
2.9/16	1	315Z-2.9/16
2.5/8	1	315Z-2.5/8
2.3/4	1	315Z-2.3/4
2.7/8	1	315Z-2.7/8
2.15/16	1	315Z-2.15/16
3	1	315Z-3
3.1/8	1	315Z-3.1/8

Double open-end spanner



895M

mm		
6x7	10	895M-6-7
8x9	10	895M-8-9
8x10	10	895M-8-10
10x11	10	895M-10-11
10x13	10	895M-10-13
13x17	5	895M-13-17
17x19	5	895M-17-19
19x22	5	895M-19-22
19x24	5	895M-19-24
22x24	5	895M-22-24
24x27	5	895M-24-27
24x30	5	895M-24-30
27x32	5	895M-27-32
30x32	5	895M-30-32
30x36	1	895M-30-36
32x36	1	895M-32-36
36x41	1	895M-36-41
41x46	1	895M-41-46
46x50	1	895M-46-50
50x55	1	895M-50-55
55x60	1	895M-55-60
65x70	1	895M-65-70



▶ SPANNERS, SPECIAL

Single open-end spanner



894M

mm		
7	10	894M-7
8	10	894M-8
9	10	894M-9
10	10	894M-10
11	10	894M-11
12	10	894M-12
13	10	894M-13
14	10	894M-14
15	10	894M-15
17	10	894M-17
19	10	894M-19
22	5	894M-22
24	5	894M-24
27	5	894M-27
30	5	894M-30
32	5	894M-32
36	5	894M-36
38	1	894M-38
41	1	894M-41
46	1	894M-46
50	1	894M-50
55	1	894M-55
60	1	894M-60
65	1	894M-65
70	1	894M-70
75	1	894M-75
80	1	894M-80
85	1	894M-85
90	1	894M-90
95	1	894M-95
100	1	894M-100
105	1	894M-105
110	1	894M-110
115	1	894M-115
120	1	894M-120
125	1	894M-125
130	1	894M-130
135	1	894M-135

Pin spanner, adjustable



4307/4310

mm		
50	1	4307
100	1	4310

Pin spanner, adjustable



40B

mm		
19-50	10	40B-19-50
32-75	10	40B-32-75
50-120	10	40B-50-120
115-165	10	40B-115-165

Hook spanner, adjustable



4106

mm		
19-50	10	4106-19-50
32-75	10	4106-32-75

Ratcheting tube wrench



1322Z

Inch		
3/8	1	1322Z-3/8
7/16	1	1322Z-7/16
1/2	1	1322Z-1/2
9/16	1	1322Z-9/16
5/8	1	1322Z-5/8
11/16	1	1322Z-11/16
3/4	1	1322Z-3/4
13/16	1	1322Z-13/16
7/8	1	1322Z-7/8
15/16	1	1322Z-15/16
1	1	1322Z-1

▶ INSULATED WRENCHES AND SPANNERS

1000V Insulated open end wrench



6MV EN60900

mm		
6	5	6MV-6
7	5	6MV-7
8	5	6MV-8
10	5	6MV-10
11	5	6MV-11
12	5	6MV-12
13	5	6MV-13
14	5	6MV-14
16	5	6MV-16
19	3	6MV-19
20	3	6MV-20
21	3	6MV-21
22	3	6MV-22
23	3	6MV-23
24	3	6MV-24
27	2	6MV-27
30	2	6MV-30
32	2	6MV-32

Insulated ring wrench



2MV EN60900

mm		
6	5	2MV-6
7	5	2MV-7
8	5	2MV-8
9	5	2MV-9
10	5	2MV-10
11	5	2MV-11
12	5	2MV-12
13	5	2MV-13
14	5	2MV-14
15	5	2MV-15
16	5	2MV-16
17	3	2MV-17
18	3	2MV-18
19	3	2MV-19
21	3	2MV-21
22	3	2MV-22
23	3	2MV-23
24	3	2MV-24



Insulated T Handle



28MV EN60900 1000V

mm		
8	2	28MV-8
9	2	28MV-9
10	2	28MV-10
11	2	28MV-11
12	2	28MV-12
13	2	28MV-13
14	2	28MV-14
15	2	28MV-15
16	2	28MV-16
17	2	28MV-17
18	2	28MV-18
19	2	28MV-19
20	2	28MV-20
21	2	28MV-21
22	2	28MV-22

Insulated hexagonal key wrench



1999MV EN60900 1000V

mm		
3	5	1999MV-3
4	5	1999MV-4
5	5	1999MV-5
6	5	1999MV-6
7	5	1999MV-7
8	5	1999MV-8
9	5	1999MV-9
10	3	1999MV-10
12	5	1999MV-12

Insulated cross wrench



2820V EN60900 1000V

mm		
7-13	1	2820V13

Insulated adjustable wrench



8070V - 8074V EN60900

mm		
150	2	8070V
200	2	8071V
250	2	8072V
300	2	8073V
375	2	8074V

Insulated adjustable wrench



8071VLT - 8073VLT EN60900 1000V

mm		
200	1	8071VLT





Sockets and accessories



SOCKETS 1/4"

Hexagon sockets, 1/4", metric



6700SM

mm		
4	5	6700SM-4
4,5	5	6700SM-4.5
5	5	6700SM-5
5,5	5	6700SM-5.5
6	5	6700SM-6
7	5	6700SM-7
8	5	6700SM-8
9	5	6700SM-9
10	5	6700SM-10
11	5	6700SM-11
12	5	6700SM-12
13	5	6700SM-13
14	5	6700SM-14
4	1	SB6700SM-4
4,5	1	SB6700SM-4.5
5	1	SB6700SM-5
5,5	1	SB6700SM-5.5
6	1	SB6700SM-6
7	1	SB6700SM-7
8	1	SB6700SM-8
9	1	SB6700SM-9
10	1	SB6700SM-10
11	1	SB6700SM-11
12	1	SB6700SM-12
13	1	SB6700SM-13
14	1	SB6700SM-14

Double hexagon long series sockets, 1/4",



A6800DM

mm		
4	1	A6800DM-4
5	1	A6800DM-5
5,5	1	A6800DM-5.5
6	1	A6800DM-6
7	1	A6800DM-7
8	1	A6800DM-8
9	1	A6800DM-9
10	1	A6800DM-10
11	1	A6800DM-11
12	1	A6800DM-12
13	1	A6800DM-13
14	1	A6800DM-14

Hexagon sockets, 1/4"



6700SZ

inch		
5/32	5	6700SZ-5/32
3/16	5	6700SZ-3/16
7/32	5	6700SZ-7/32
1/4	5	6700SZ-1/4
9/32	5	6700SZ-9/32
5/16	5	6700SZ-5/16
11/32	5	6700SZ-11/32
3/8	5	6700SZ-3/8
7/16	5	6700SZ-7/16
1/2	5	6700SZ-1/2
9/16	5	6700SZ-9/16

Double hexagon sockets, 1/4"



A6700DM

mm		
5,5	5	A6700DM-5.5
6	5	A6700DM-6
7	5	A6700DM-7
8	5	A6700DM-8
9	5	A6700DM-9
10	5	A6700DM-10
11	5	A6700DM-11
12	5	A6700DM-12
13	5	A6700DM-13
14	5	A6700DM-14

Double hexagon sockets, 1/4"



A6700DZ

inch		
3/16	5	A6700DZ-3/16
7/32	5	A6700DZ-7/32
1/4	5	A6700DZ-1/4
9/32	5	A6700DZ-9/32
5/16	5	A6700DZ-5/16
11/32	5	A6700DZ-11/32
3/8	5	A6700DZ-3/8
7/16	5	A6700DZ-7/16
1/2	5	A6700DZ-1/2
9/16	5	A6700DZ-9/16

Double hexagon sockets, 1/4"



A6710DM

mm		
5,5	1	A6710DM-5.5
6	1	A6710DM-6
7	1	A6710DM-7
8	1	A6710DM-8
9	1	A6710DM-9
10	1	A6710DM-10
11	1	A6710DM-11
12	1	A6710DM-12
13	1	A6710DM-13
14	1	A6710DM-14

Double hexagon sockets, 1/4"



A6710DZ

inch		
3/16	1	A6710DZ-3/16
7/32	1	A6710DZ-7/32
1/4	1	A6710DZ-1/4
9/32	1	A6710DZ-9/32
5/16	1	A6710DZ-5/16
11/32	1	A6710DZ-11/32
3/8	1	A6710DZ-3/8
7/16	1	A6710DZ-7/16
1/2	1	A6710DZ-1/2
9/16	1	A6710DZ-9/16

Double hexagon long series sockets, 1/4"



A6800DZ

inch		
3/16	1	A6800DZ-3/16
7/32	1	A6800DZ-7/32
1/4	1	A6800DZ-1/4
9/32	1	A6800DZ-9/32
5/16	1	A6800DZ-5/16
11/32	1	A6800DZ-11/32
3/8	1	A6800DZ-3/8
7/16	1	A6800DZ-7/16
1/2	1	A6800DZ-1/2
9/16	1	A6800DZ-9/16

Hexagon sockets 1/4"



S60

inch		
4	1	SBS60-4
4,5	1	SBS60-4.5
5	1	SBS60-5
5,5	1	SBS60-5.5
6	1	SBS60-6
7	1	SBS60-7
8	1	SBS60-8
9	1	SBS60-9
10	1	SBS60-10
11	1	SBS60-11
12	1	SBS60-12
13	1	SBS60-13
14	1	SBS60-14

Socket drivers 1/4" for Torx® screws



6700TORX-E

T		
E4	5	6700TORX-E4
E5	5	6700TORX-E5
E6	5	6700TORX-E6
E7	5	6700TORX-E7
E8	5	6700TORX-E8
E10	5	6700TORX-E10

SOCKET DRIVERS 1/4"

Socket drivers 1/4" for slotted screws



6709F

mm		
4,5	5	6709F-4.5
5,5	5	6709F-5.5
8	5	6709F-8

Socket drivers 1/4" for cross-head screws Phillips®



6709PH

PH		
1	5	6709PH-1
2	5	6709PH-2
3	5	6709PH-3

Socket drivers 1/4" for Pozidriv® screws



6709PZ

PZ		
1	5	6709PZ-1
2	5	6709PZ-2
3	5	6709PZ-3

Socket drivers 1/4" for Torx® screws



6709TORX

T		
T8	5	6709TORX-T8
T9	5	6709TORX-T9
T10	5	6709TORX-T10
T15	5	6709TORX-T15
T20	5	6709TORX-T20
T25	5	6709TORX-T25
T27	5	6709TORX-T27
T30	5	6709TORX-T30
T40	5	6709TORX-T40

Socket drivers 1/4" for Torx® screws Tamper resistant



6709TORX-R

T		
T8	1	6709TORX-R-T8
T10	1	6709TORX-R-T10
T15	1	6709TORX-R-T15
T20	1	6709TORX-R-T20
T25	1	6709TORX-R-T25

Hex head socket drivers 1/4", short



6709M

mm		
3	5	6709M-3
4	5	6709M-4
5	5	6709M-5
6	5	6709M-6
8	5	6709M-8



▶ SOCKET DRIVERS 1/4"

Hex head drivers, 1/4" long



A6709M

mm		
2,5	1	A6709M-2.5
3	1	A6709M-3
4	1	A6709M-4
5	1	A6709M-5
6	1	A6709M-6

Hex head drivers, 1/4" long



A6709Z

inch		
1/8	1	A6709Z-1/8
9/64	1	A6709Z-9/64
5/32	1	A6709Z-5/32
3/16	1	A6709Z-3/16

Adaptor, bit holder with hexagon drive, 1/4"



6972H

inch		
1/4 - 1/4	5	6972H

▶ ACCESSORIES 1/4"

Reversible ratchet, 1/4"



6950

mm		
120	1	6950
120	1	SB6950

Reversible Ratchet 1/4"



6950RN

mm		
130	1	6950RN
130	1	SB6950RN

Reversible ratchet 1/4"



SBS61

mm		
145	1	SBS61

Ratchet adaptor, 1/4"



6951

mm		
35	1	6951

Speeder, 1/4"



6952

mm		
410	1	6952

Breaker bar, 1/4"



6958

mm		
135,5	1	6958

Breaker bar 1/4"



S67

mm		
153	1	SBS67

Sliding T-handle, 1/4"



6954

mm		
115	1	6954

Sliding T-handle, 1/4"



S64

mm		
125	1	SBS64

Spinner handle, 1/4"



6956

mm		
150	1	6956

Extension bar 1/4"



6959 - 6962L

mm		
50	1	6960
100	1	6961
150	1	6962
355	1	6962L
50	1	SB6960
100	1	SB6961
150	1	SB6962

Extension bars, 1/4"



6960-W - 6962-W

mm		
50	1	6960-W
150	1	6962-W

Flexible extension 1/4"



6963

mm		
155	1	6963

Extension bars, 1/4"



S63

mm		
50	1	SBS63-2
100	1	SBS63-4
150	1	SBS63-6

Universal joint, 1/4"



6966

mm		
32,5	1	6966

Universal joint, 1/4"



S65

mm		
32,5	1	SBS65

Adaptor for 1/4" square drive and 3/8" socket



7765

inch		
1/4 - 3/8	1	7765

Adaptor



S69

inch		
1/4 - 3/8	1	SBS69

Magnetic adaptor for 1/4" to 3/8"



7767

inch		
1/4 - 3/8	1	7767

Adaptor 1/4" square & 10 mm hexagon



1RMA-10-1/4-SQ

inch		
1/4	1	1RMA-10-1/4-SQ

Adaptor set with 7767, 8167, 8967



8967/

for codes		
7767-8167-8967	1	8967/S3



ACCESSORIES 1/4"

Set of ratcheting wrench adaptors



1RMA/S4



1 1RMA/S4

Set of ratcheting combination wrenches and adaptors



1RMA/S8

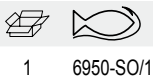


1 1RMA/S8

Spare parts for 1/4" ratchet 6950



6950-SO/1

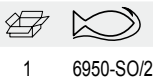


1 6950-SO/1

Spare parts for 1/4" ratchet 6950



6950-SO/2



1 6950-SO/2

Spare parts for 1/4" ratchet 6950RN



6950RN-SO/2



1 6950RN-SO/2

Socket rails length



187/264/340

length mm		
187	3	RAIL-187
264	3	RAIL-264
340	3	RAIL-340

Clips 1/4"



C1/4

length mm		
19	25	CLIPS-1/4

SOCKET SETS 1/4"

Socket set, 12 piece



6712R

mm		
4-13	1	6712R

Socket set, 12 piece



6712RN

mm		
4-13	1	6712RN

Socket set, 15 piece



A6716DM

mm		
5.5-14	1	A6716DM

Socket set, 16 piece



6715MGS

mm		
4-13	1	6715MGS

Socket set, 17 piece





6719SM

mm		
4-13	1	6719SM

Socket set, 20 piece





6715MG

mm		
4-14	1	6715MG

Socket set, 29 piece





6715PZ

mm		
4-13	1	6715PZ

Socket set, 19 piece





6821NZ

inch		
5/32-9/16	1	6821NZ

Socket set, 21 piece





6721NM

mm		
4-14	1	6721NM

Socket set, 29 piece





6715GJ

mm		
4-13	1	6715GJ

Socket set, 25 piece





6715MZ

mm inch		
4-13 3/16-1/2	1	6715MZ

Socket set, 27 piece





6722M

mm		
4-14	1	6722M

Socket set, 33 piece





6720NM

mm		
4-14	1	6720NM

Socket set, 13 piece, hexagon socket 6700SM on rail-187





6729SM

mm		
6700SM 4-14	1	6729SM

Socket set, 27 piece





6715GE

mm		
4-14	1	6715GE

Socket set, 15 piece





A6716DZ

inch		
3/16-9/16	1	A6716DZ

Socket set, 13 piece, hexagon socket 6700SM on rail-187



6729SZ

inch		
6700SZ 3/16-1/2	1	6729SZ



SOCKET SETS 1/4"

Bicycle tool set



BKE850901

mm	Quantity	Part Number
10	10	BKE850901

SOCKETS 3/8"

Hexagon sockets, 3/8"



7400SM

mm	Quantity	Part Number
6	5	7400SM-6
7	5	7400SM-7
8	5	7400SM-8
9	5	7400SM-9
10	5	7400SM-10
11	5	7400SM-11
12	5	7400SM-12
13	5	7400SM-13
14	5	7400SM-14
15	5	7400SM-15
16	5	7400SM-16
17	5	7400SM-17
18	5	7400SM-18
19	5	7400SM-19
20	5	7400SM-20
21	5	7400SM-21
22	5	7400SM-22

Socket set, 12 piece, 3/8"



7400SR/

mm	Quantity	Part Number
8-19	1	7400SR/S12

Double hexagon sockets, 3/8"



A7400DM

mm	Quantity	Part Number
9	5	A7400DM-9
10	5	A7400DM-10
11	5	A7400DM-11
12	5	A7400DM-12
13	5	A7400DM-13
14	5	A7400DM-14
15	5	A7400DM-15
16	5	A7400DM-16
17	5	A7400DM-17
18	5	A7400DM-18
19	5	A7400DM-19
20	5	A7400DM-20
21	5	A7400DM-21
22	5	A7400DM-22

Double hexagon sockets, 3/8"



A7400DZ

inch	Quantity	Part Number
1/4	5	A7400DZ-1/4
5/16	5	A7400DZ-5/16
3/8	5	A7400DZ-3/8
7/16	5	A7400DZ-7/16
1/2	5	A7400DZ-1/2
17/32	5	A7400DZ-17/32
9/16	5	A7400DZ-9/16
19/32	5	A7400DZ-19/32
5/8	5	A7400DZ-5/8
11/16	5	A7400DZ-11/16
3/4	5	A7400DZ-3/4
13/16	5	A7400DZ-13/16
7/8	5	A7400DZ-7/8

Double hexagon socket, 3/8"



A7410DZ

inch	Quantity	Part Number
5/16	1	A7410DZ-5/16
3/8	1	A7410DZ-3/8
7/16	1	A7410DZ-7/16
1/2	1	A7410DZ-1/2
9/16	1	A7410DZ-9/16
5/8	1	A7410DZ-5/8
11/16	1	A7410DZ-11/16
3/4	1	A7410DZ-3/4

Double hexagon long series sockets, 3/8"



A7402DM

mm	Quantity	Part Number
10	1	A7402DM-10
11	1	A7402DM-11
12	1	A7402DM-12
13	1	A7402DM-13
14	1	A7402DM-14
15	1	A7402DM-15
16	1	A7402DM-16
17	1	A7402DM-17
18	1	A7402DM-18
19	1	A7402DM-19

Double hexagon long series sockets, 3/8"



A7402DZ

inch	Quantity	Part Number
1/4	1	A7402DZ-1/4
5/16	1	A7402DZ-5/16
3/8	1	A7402DZ-3/8
7/16	1	A7402DZ-7/16
1/2	1	A7402DZ-1/2
9/16	1	A7402DZ-9/16
19/32	1	A7402DZ-19/32
5/8	1	A7402DZ-5/8
11/16	1	A7402DZ-11/16
3/4	1	A7402DZ-3/4
13/16	1	A7402DZ-13/16
7/8	1	A7402DZ-7/8

Spark plug sockets, magnetic



7406ZZ

mm		
21	24	7406ZZ-31

Hexagon sockets, 3/8"



SF

inch		
10	1	SBSF-10
11	1	SBSF-11
12	1	SBSF-12
13	1	SBSF-13
14	1	SBSF-14
15	1	SBSF-15
16	1	SBSF-16
17	1	SBSF-17
18	1	SBSF-18
19	1	SBSF-19

Socket drivers, 3/8" for Torx® screws



7400TORX-E

E		
E10	5	7400TORX-E10
E11	5	7400TORX-E11
E12	5	7400TORX-E12
E14	5	7400TORX-E14
E16	5	7400TORX-E16
E18	5	7400TORX-E18

Socket set, 7 piece, 3/8"



7400TORX-ER/

E		
E10-E20	1	7400TORX-ER/S7

SOCKET DRIVERS 3/8"

Sockets for slotted screws, 3/8"



7409F

mm		
6,5	5	7409F-6.5
8	5	7409F-8
10	5	7409F-10

Socket drivers, 3/8" for Phillips® screws



7409PH

PH		
1	5	7409PH-1
2	5	7409PH-2
3	5	7409PH-3

Socket drivers, 3/8", for Torx® screws, long series



7409TORX

T		
T25	5	7409TORX-T25
T27	5	7409TORX-T27
T30	5	7409TORX-T30
T40	5	7409TORX-T40
T45	5	7409TORX-T45
T50	5	7409TORX-T50

Socket drivers, 3/8", for Torx® screws, tamper resistant



7409TORX-R

T		
T27	5	7409TORX-R-T27
T30	5	7409TORX-R-T30
T40	5	7409TORX-R-T40
T45	5	7409TORX-R-T45
T50	5	7409TORX-R-T50

Socket driver set, 5 piece, 3/8"



7409TORX-TRR/

T		
T27-T50	1	7409TORX-TRR/S5

Socket driver for Torx® head screws Long series



7409TORX-L

T		
T25	5	7409TORX-T25-L
T30	5	7409TORX-T30-L
T40	5	7409TORX-T40-L
T45	5	7409TORX-T45-L
T50	5	7409TORX-T50-L

Hex head drivers, 3/8", short series



7409M

mm		
3	5	7409M-3
4	5	7409M-4
5	5	7409M-5
6	5	7409M-6
7	5	7409M-7
8	5	7409M-8
10	5	7409M-10

▶ SOCKET DRIVERS 3/8"

Socket driver set, 7 piece, 3/8"



7409MR/

mm		
3-10	1	7409MR/S7

Ball Hex head socket driver, 3/8"



7409BH

mm		
4	5	7409BH-4
5	1	7409BH-5
6	5	7409BH-6
8	5	7409BH-8
10	5	7409BH-10

▶ ACCESSORIES 3/8"

Ergonomic reversible ratchet, ERGO®



7755-3/8

mm		
215	1	7755-3/8
215	1	SB7755-3/8

Reversible ratchet, 3/8"



7750

mm		
205	1	7750

Reversible ratchet, 3/8"



7750RN

mm		
200	1	7750RN

Reversible ratchet, 3/8"



SBS750

mm		
200	1	SBS750

Reversible flex-head ratchet, 3/8"



7710

mm		
280	1	7710

Speeder, 3/8"



7752

mm		
435	1	7752

Breaking bar, 3/8"



7758

mm		
250	1	7758

Breaker bar



S705

mm		
240	1	SBS705

Sliding T-handle, 3/8"



7754

mm		
160	1	7754

Sliding T-handle, 3/8"



S755

mm		
160	1	SBS755

Spinner handle, 3/8"



7757

mm		
150	1	7757

Wobbler extension bar, 3/8"



7756/7760-7763

mm		
75	1	7760
125	1	7761
250	1	7762
75	1	SB7760
250	1	SB7762

Wobbler extension bar



7759-W - 7762-W

mm		
75	1	7760-W
125	1	7761-W

Flexible extension



7759

mm		
208	1	7759

Extension



S760 - S762

mm		
75	1	SBS760
125	1	SBS761
250	1	SBS762

Universal joint



7766

mm		
52	1	7766

Universal Adaptor



S775

mm		
75	1	SBS775

Adaptors, 3/8" to 1/4"



7764

inch		
3/8 - 1/4	1	7764

Adaptor, 3/8 to 1/2"



8164-1/2

inch		
3/8 - 1/2	1	8164-1/2

Adaptor with magnet, 3/8" to 1/2"



8167

inch		
3/8 - 1/2	1	8167

Adaptor



S723 / S724

inch		
3/8 1/4	1	SBS723
3/8 1/2	1	SBS724

3/8" Adaptor for bits 5/16"



7106

Hex		
5/16"	1	7106J0080



ACCESSORIES 3/8"

Adaptor 3/8" & 13 mm hexagon



1RMA-13-3/8-SQ



1 1RMA-13-3/8-SQ

Adaptor set with 7767, 8167, 8967



8967/

for codes



7767-8167-8967

1 8967/S3

Set of ratcheting wrench adaptors



1RMA/S4



1 1RMA/S4

Set of ratcheting combination wrenches and adaptors



1RMA/S8



1 1RMA/S8

Spare parts for 3/8" ratchet 7710-7750RN



7710-SO/1



1 7710-SO/1

Spare parts for 3/8" ratchet 7750



7750-SO/1



1 7750-SO/1

Spare parts for 3/8" ratchet 7750



7750-SO/2



1 7750-SO/2

Spare part set for 7755-3/8"



7755-SO/1



1 7755-SO/1

Spare part set for 7755-3/8"



7755-SO/2



1 7755-SO/2

Socket rails and clips, 1/2"



187/264/340

length mm		
187	3	RAIL-187
264	3	RAIL-264
340	3	RAIL-340

Socket rails and clips, 3/8"



C3/8

length mm		
19	25	CLIPS-3/8

SOCKET SETS 3/8"

Socket sets, 3/8"



7420RE **ergo**[®]

mm		
8-19	1	7420RE

Socket sets, 3/8"



7440ME **ergo**[®]

mm		
6-19	1	7440ME

Socket sets, 3/8"



7430GE ergo®

mm		
6-19	1	7430GE

Socket sets, 3/8"



A7435DME ergo®

mm		
9-22	1	A7435DME

Socket sets, 3/8"



A7440DZE ergo®

inch		
1/4 - 7/8	1	A7440DZE

Socket set 3/8" with ERGO® ratchet



A7440DME ergo®

mm		
9-22	1	A7440DME

Socket sets, 3/8"



A7535DZE ergo®

inch		
1/4 - 7/8	1	A7535DZE

Socket sets, 34 piece, 3/8"



7429JDE ergo®

mm		
6-22	1	7429JDE

SOCKETS 1/2"

Hexagon socket, 1/2"



7800SM

mm		
8	10	7800SM-8
9	10	7800SM-9
10	10	7800SM-10
11	10	7800SM-11
12	10	7800SM-12
13	10	7800SM-13
14	10	7800SM-14
15	10	7800SM-15
16	10	7800SM-16
17	10	7800SM-17
18	10	7800SM-18
19	10	7800SM-19
21	5	7800SM-21
22	5	7800SM-22
23	5	7800SM-23
24	5	7800SM-24
25	5	7800SM-25
26	5	7800SM-26

mm		
27	5	7800SM-27
28	5	7800SM-28
30	5	7800SM-30
32	5	7800SM-32
34	5	7800SM-34
36	1	7800SM-36
8	1	SB7800SM-8
9	1	SB7800SM-9
10	1	SB7800SM-10
11	1	SB7800SM-11
12	1	SB7800SM-12
13	1	SB7800SM-13
14	1	SB7800SM-14
15	1	SB7800SM-15
16	1	SB7800SM-16
17	1	SB7800SM-17
18	1	SB7800SM-18
19	1	SB7800SM-19
21	1	SB7800SM-21
22	1	SB7800SM-22
23	1	SB7800SM-23
24	1	SB7800SM-24
25	1	SB7800SM-25
26	1	SB7800SM-26
27	1	SB7800SM-27
28	1	SB7800SM-28
30	1	SB7800SM-30
32	1	SB7800SM-32

Hexagon socket, long series, 1/2"



7805SM

mm		
10	5	7805SM-10
12	5	7805SM-12
13	5	7805SM-13
14	5	7805SM-14
15	5	7805SM-15
16	5	7805SM-16
17	5	7805SM-17
18	5	7805SM-18
19	5	7805SM-19
20	5	7805SM-20
21	1	7805SM-21
22	1	7805SM-22
23	1	7805SM-23
24	1	7805SM-24
25	1	7805SM-25
26	1	7805SM-26
27	1	7805SM-27
28	1	7805SM-28
29	1	7805SM-29
30	1	7805SM-30
32	1	7805SM-32



SOCKETS 1/2"

Double hexagon socket, 1/2"



7800DM

mm		
8	10	7800DM-8
9	10	7800DM-9
10	10	7800DM-10
11	10	7800DM-11
12	10	7800DM-12
13	10	7800DM-13
14	10	7800DM-14
15	10	7800DM-15
16	10	7800DM-16
17	10	7800DM-17
18	10	7800DM-18
19	10	7800DM-19
20	5	7800DM-20
21	5	7800DM-21
22	5	7800DM-22
23	5	7800DM-23
24	5	7800DM-24
25	5	7800DM-25
26	5	7800DM-26
27	5	7800DM-27
28	5	7800DM-28
29	5	7800DM-29
30	5	7800DM-30
32	5	7800DM-32
36	1	7800DM-36
8	1	SB7800DM-8
9	1	SB7800DM-9
10	1	SB7800DM-10
11	1	SB7800DM-11
12	1	SB7800DM-12
13	1	SB7800DM-13
14	1	SB7800DM-14
15	1	SB7800DM-15
16	1	SB7800DM-16
17	1	SB7800DM-17
18	1	SB7800DM-18
19	1	SB7800DM-19
20	1	SB7800DM-20
21	1	SB7800DM-21
22	1	SB7800DM-22
23	1	SB7800DM-23
24	1	SB7800DM-24
25	1	SB7800DM-25
26	1	SB7800DM-26
27	1	SB7800DM-27
28	1	SB7800DM-28
29	1	SB7800DM-29
30	1	SB7800DM-30
32	1	SB7800DM-32
36	1	SB7800DM-36

Double hexagon socket, 1/2"



7800DZ

inch		
3/8	5	7800DZ-3/8
7/16	5	7800DZ-7/16
1/2	5	7800DZ-1/2
9/16	5	7800DZ-9/16
19/32	5	7800DZ-19/32
5/8	5	7800DZ-5/8
11/16	5	7800DZ-11/16
3/4	5	7800DZ-3/4
25/32	5	7800DZ-25/32
13/16	5	7800DZ-13/16
7/8	5	7800DZ-7/8
15/16	5	7800DZ-15/16
1	5	7800DZ-1
1.1/16	1	7800DZ-1.1/16
1.1/8	1	7800DZ-1.1/8
1.3/16	1	7800DZ-1.3/16
1.1/4	1	7800DZ-1.1/4

Double hexagon socket, long series, 1/2"



7805DM

mm		
10	5	7805DM-10
12	5	7805DM-12
13	5	7805DM-13
14	5	7805DM-14
15	5	7805DM-15
16	5	7805DM-16
17	5	7805DM-17
18	5	7805DM-18
19	5	7805DM-19
21	1	7805DM-21
22	1	7805DM-22
24	1	7805DM-24
26	1	7805DM-26
27	1	7805DM-27
30	1	7805DM-30

Spark plug socket, 1/2"



7805ZZ

mm		
16	1	7805ZZ-16
21	1	7805ZZ-21

Hexagon socket, 1/2"



S80

mm		
8	1	SBS80-8
9	1	SBS80-9
10	1	SBS80-10
11	1	SBS80-11
12	1	SBS80-12
13	1	SBS80-13
14	1	SBS80-14
15	1	SBS80-15
16	1	SBS80-16
17	1	SBS80-17
18	1	SBS80-18
19	1	SBS80-19
21	1	SBS80-21
22	1	SBS80-22
23	1	SBS80-23
24	1	SBS80-24
27	1	SBS80-27
30	1	SBS80-30
32	1	SBS80-32

Socket for Torx® head screws, external



7800TORX-E

size		
E12	5	7800TORX-E12
E14	5	7800TORX-E14
E16	5	7800TORX-E16
E18	5	7800TORX-E18
E20	5	7800TORX-E20
E24	5	7800TORX-E24

Lambda service socket, 1/2"



7806

mm		
22	1	7806

Diesel injection socket, 1/2"



7807

mm		
27	1	7807

SOCKET DRIVERS 1/2"

Socket drivers 1/2", for slotted screws



7809F

mm		
8	5	7809F-8
10	5	7809F-10

Socket drivers 1/2", for Phillips® screws



7809PH

PH		
2	5	7809PH-2
3	5	7809PH-3
4	5	7809PH-4

Socket drivers 1/2", for Pozidriv® screws



7809PZ

PZ		
2	5	7809PZ-2
3	5	7809PZ-3

Socket drivers 1/2", hex head driver



7809M

mm		
5	5	7809M-5
5	5	7809M-5-180
6	5	7809M-6
6	5	7809M-6-140
7	5	7809M-7
7	5	7809M-7-100
8	5	7809M-8
8	5	7809M-8-120
9	5	7809M-9
10	5	7809M-10
10	5	7809M-10-140
12	5	7809M-12
14	5	7809M-14
17	5	7809M-17
19	5	7809M-19
5	1	SB7809M-5
5	1	SB7809M-5-180
6	1	SB7809M-6
6	1	SB7809M-6-140
7	1	SB7809M-7
7	1	SB7809M-7-100
8	1	SB7809M-8
8	1	SB7809M-8-120
9	1	SB7809M-9
10	1	SB7809M-10
10	1	SB7809M-10-140
12	1	SB7809M-12
14	1	SB7809M-14
17	1	SB7809M-17
19	1	SB7809M-19

Socket drivers 1/2", for hex head driver



7809Z

inch		
3/16	5	7809Z-3/16
1/4	5	7809Z-1/4
5/16	5	7809Z-5/16
3/8	5	7809Z-3/8
7/16	5	7809Z-7/16
1/2	5	7809Z-1/2
9/16	5	7809Z-9/16
19/32	5	7809Z-19/32
5/8	5	7809Z-5/8

Socket drivers 1/2", for Torx® Screws



7809TORX

T		
T20	5	7809TORX-T20
T25	5	7809TORX-T25
T27	5	7809TORX-T27
T30	5	7809TORX-T30
T40	5	7809TORX-T40
T45	5	7809TORX-T45
T50	5	7809TORX-T50
T55	5	7809TORX-T55
T60	5	7809TORX-T60
T20	1	SB7809TORX-T20
T25	1	SB7809TORX-T25
T27	1	SB7809TORX-T27
T30	1	SB7809TORX-T30
T40	1	SB7809TORX-T40
T45	1	SB7809TORX-T45
T50	1	SB7809TORX-T50
T55	1	SB7809TORX-T55
T60	1	SB7809TORX-T60

Socket drivers 1/2", for multiple screws XZN



7809XZN

mm		
8	1	7809XZN-8
8	1	7809XZN-8-100
10	1	7809XZN-10
10	1	7809XZN-10-100
12	1	7809XZN-12
12	1	7809XZN-12-100
14	1	7809XZN-14
14	1	7809XZN-14-100



ACCESSORIES 1/2"

Ergonomic reversible ratchet, ERGO®



8155-1/2

mm		
260	1	8155-1/2
260	1	SB8155-1/2

Reversible ratchet, 1/2"



8150-1/2

mm		
270	1	8150-1/2
270	1	SB8150-1/2

Reversible ratchet 1/2" drive with plastic grip



SBS81

mm		
270	1	SBS81

Reversible ratchet, 1/2"



8150RN-1/2

mm		
270	1	8150RN-1/2
270	1	SB8150RN-1/2

Reversible ratchet, 1/2", with plastic grip



SBS82

mm		
270	1	SBS82

Reversible ratchet, 1/2"



8193-1/2

mm		
255	1	8193-1/2
32	1	8194-1/2

Square driver, 1/2"



8194-1/2

mm		
32	1	8194-1/2

Reversible ratchet, 1/2"



8110-1/2

mm		
410	1	8110-1/2
410	1	SB8110-1/2

Reversible Ratchet, 1/2"



8110H-1/2

mm		
450	1	8110H-1/2

Reversible ratchet adaptor



8151-1/2

mm		
55	1	8151-1/2

Speeder



8152-1/2

mm		
417	1	8152-1/2

Breaker bar



8158-1/2

mm		
390	1	8158-1/2
390	1	SB8158-1/2

Breaker bar, 1/2" drive



S87

mm		
257	1	SBS87S
390	1	SBS87

Offset handle 1/2"



8167

L mm		
200	1	8167-1/2

Sliding T-handle



8154-1/2

mm		
283	1	8154-1/2

Sliding T-handle



S86

mm		
283	1	SBS86

Extension



8157/8159 - 8162

mm		
75	1	8159-1/2
125	1	8160-1/2
250	1	8162-1/2
75	1	SB8159-1/2
125	1	SB8160-1/2

Extension bar, 1/2"



S83

mm		
75	1	SBS83-3
125	1	SBS83-5
250	1	SBS83-10

Wobble extension bars



8158-W - 8162-W

mm		
75	1	8159-W
125	1	8160-W
250	1	8162-W

1/2" Locking extension bar



8160-B

L mm		
150	1	8160-B

Universal joint, 1/2"



8166-1/2

mm		
72	1	8166-1/2
72	1	SB8166-1/2

Universal joint, 1/2"



S85

mm		
72	1	SBS85

Adaptor, 1/2" to 3/8"



8165-1/2

inch		
1/2 - 3/8	1	8165-1/2

Adaptor for 1/2" square drive and 3/8" socket



S88

square		
1/2 - 3/8	1	SBS88





ACCESSORIES 1/2"

Adaptor, 1/2" to 3/4"



8964

inch
1/2 - 3/4

1 8964

Adaptor for 1/2" square drive and 3/4" socket



S89

square
1/2 - 3/4

1 SBS89

Adaptor with magnet, 1/2" to 3/4"



8967

inch
1/2 - 3/4

1 8967

1/2" Adaptor for bits 5/16"



7106

Hex
5/16"

1 7106S0080

Adaptor 1/2" square & 19 mm hexagon



1RMA-19-1/2-SQ

1 1RMA-19-1/2-SQ

Adaptor set with 7767, 8167, 8967



8967/

for codes
7767-8167-8967

1 8967/S3

Set of ratcheting wrench adaptors



1RMA/S4

1 1RMA/S4

Set of ratcheting combination wrenches and adaptors



1RMA/S8

1 1RMA/S8

Spare parts for 1/2" ratchet 8110-1/2 - 8150RN-1/2



8110-SO/1

1 8110-SO/1

Spare parts for 1/2" ratchet 8150-1/2



8150-SO/1

1 8150-SO/1

Spare parts for 1/2" ratchet 8150-1/2



8150-SO/2

1 8150-SO/2

Spare part set for 8158-1/2



8158-SO/1



1 8158-SO/1

Spare part set for 8155-1/2 ratchet



8155-SO/1



1 8155-SO/1

Spare part set for 8155-1/2 ratchet



8155-SO/2



1 8155-SO/2

Socket rails and clips, 1/2"



187/264/340

length mm		
187	3	RAIL-187
264	3	RAIL-264
340	3	RAIL-340

Socket rails and clips, 1/2"



C1/2

length mm		
19	25	CLIPS-1/2

SOCKET SETS 1/2"

Socket set, 10 piece, 1/2"



7819SRE ergo®

mm		
10-24	1	7819SRE

Socket set, 10 piece, 1/2"



7819DME ergo®

mm		
10-24	1	7819DME

Socket set, 19 piece, 1/2"



7819HNRE ergo®

mm		
10-32	1	7819HNRE

Socket set, 21 piece, 1/2"



7886SME ergo®

mm		
12-32	1	7886SME

Socket set, 21 piece, 1/2"



7886DME ergo®

mm		
12-32	1	7886DME

Socket set, 23 piece, 1/2"



7819HRN

mm		
10-32	1	7819HRN

Socket set, 25 piece, 1/2"



7819DRN

mm		
10-32	1	7819DRN

Socket set, 25 piece, 1/2"



7888SM

mm		
10-32	1	7888SM



SOCKET SETS 1/2"

Socket set, 25 piece, 1/2"



7888DM

mm		
10-32	1	7888DM

Socket set, 27 piece, 1/2"



7819JE ergo®

mm		
10-30	1	7819JE

Socket set, 10 piece, 1/2"



7819DZE ergo®

inch		
3/8-15/16	1	7819DZE

Socket set, 21 piece, 1/2"



7819DZ

inch		
3/8-1.3/16	1	7819DZ

Socket set, 10 piece, 1/2"



7886DZE ergo®

inch		
7/16-1.1/4	1	7886DZE

Socket set, 41 piece, 1/2"



4003M

mm		
10-32	1	4003M

Hexagon socket set in metric sizes



S80/8



S80/17

S80/

mm	mm		
235x75x33	10-24	1	S80/6
315x75x34	10-24	1	S80/8
180x165x60	10-82	1	S80/17

Set of hex head drivers, 10 piece



7809M/10

mm		
5-19	1	7809M/10

Set of hex head drivers, 10 piece



7809Z/10

inch		
3/16-5/8	1	7809Z/10

Set of socket set drivers, 10 piece, for Torx® and Phillips® T-PH



7809TORX/10

T-PH		
T20-T55 - 2-3	1	7809TORX/10

SOCKETS 3/4"

Hexagon sockets



8900SM

mm		
22	1	8900SM-22
24	1	8900SM-24
27	1	8900SM-27
30	1	8900SM-30
32	1	8900SM-32
34	1	8900SM-34
36	1	8900SM-36
38	1	8900SM-38
41	1	8900SM-41
46	1	8900SM-46
50	1	8900SM-50
55	1	8900SM-55
60	1	8900SM-60

Double hexagon sockets, 3/4"



8900DM

mm		
19	1	8900DM-19
22	1	8900DM-22
24	1	8900DM-24
25	1	8900DM-25
27	1	8900DM-27
28	1	8900DM-28
30	1	8900DM-30
32	1	8900DM-32
34	1	8900DM-34
36	1	8900DM-36
41	1	8900DM-41
46	1	8900DM-46
50	1	8900DM-50
55	1	8900DM-55
60	1	8900DM-60

Double hexagon sockets, 3/4"



8900DZ

inch		
15/16	1	8900DZ-15/16
1	1	8900DZ-1
1.1/16	1	8900DZ-1.1/16
1.1/8	1	8900DZ-1.1/8
1.3/16	1	8900DZ-1.3/16
1.1/4	1	8900DZ-1.1/4
1.5/16	1	8900DZ-1.5/16
1.3/8	1	8900DZ-1.3/8
1.7/16	1	8900DZ-1.7/16
1.1/2	1	8900DZ-1.1/2
1.5/8	1	8900DZ-1.5/8
1.3/4	1	8900DZ-1.3/4
1.13/16	1	8900DZ-1.13/16
1.7/8	1	8900DZ-1.7/8
2	1	8900DZ-2

ACCESSORIES 3/4"

Reversible ratchet, 3/4"



8950N

mm		
610	1	8950N

Reversible ratchet, 3/4"



8952N

L mm		
525	1	8952N

Universal handle for 8950N/A, 8958A, 8954A



8953

mm		
500	1	8953

Universal handle for 8952N/A



8952N/B

L mm		
450	1	8952N/B

Reversible ratchet head, 3/4"



8950N/A

mm		
170	1	8950N/A

Reversible ratchet head, 3/4"



8952N/A

Spare	mm		
	145	1	8952N/A

Reversible ratchet adaptor, 3/4"



8951

mm		
95	1	8951

Sliding T-handle, 3/4"



8954

mm		
500	1	8954

Sliding head for 8953



8954A

mm		
62	1	8954A

Breaker bar



8958

mm		
570	1	8958



ACCESSORIES 3/4"

Breaker bar head



8958A

mm		
125	1	8958A

Offset handle 3/4"



8963

L mm		
415	1	8963

Extension 3/4"



8961/8962

mm		
200	1	8961
400	1	8962

Universal joint



8966

mm		
103,5	1	8966

Adaptor, 3/4" to 1/2"



8965

inch		
3/4 - 1/2	1	8965

Adaptor, 3/4" to 1"



9564

inch		
3/4 - 1	1	9564

Spare parts for 3/4" ratchets 8950RN & 8950N/A



8950NA-SO/2

1	8950NA-SO/2

SOCKET SETS 3/4"

Socket set, 15 piece, 3/4"



8845NM

mm		
22-50	1	8845NM

Socket set, 15 piece, 3/4"



8845DM

mm		
19-50	1	8845DM

Socket set, 24 piece, 3/4"



8840M

mm		
19-60	1	8840M

SOCKETS 1"

Sockets hexagon



9500SM

mm	mm		
67x57x48	41	1	9500SM-41
71x63x48	46	1	9500SM-46
74x69x48	50	1	9500SM-50
78x74x48	54	1	9500SM-54
79x75x54	55	1	9500SM-55
82x79x54	58	1	9500SM-58
83x82x54	60	1	9500SM-60
85x86x54	63	1	9500SM-63
86x88x54	65	1	9500SM-65
89x90x54	67	1	9500SM-67
91x94x60	70	1	9500SM-70
92x95x60	71	1	9500SM-71
95x101x60	75	1	9500SM-75
98x103x60	77	1	9500SM-77
101x108x60	80	1	9500SM-80
104x110x60	82	1	9500SM-82

Sockets hexagon



9500SZ

mm	inch		
67x57x48	1.5/8	1	9500SZ-1.5/8
71x63x48	1.13/16	1	9500SZ-1.13/16
73x65x48	1.7/8	1	9500SZ-1.7/8
74x69x48	2	1	9500SZ-2
78x74x48	2.1/8	1	9500SZ-2.1/8
79x75x54	2.3/16	1	9500SZ-2.3/16
82x79x54	2.1/4	1	9500SZ-2.1/4
83x82x54	2.3/8	1	9500SZ-2.3/8
85x86x54	2.1/2	1	9500SZ-2.1/2
86x88x54	2.9/16	1	9500SZ-2.9/16
89x90x54	2.5/8	1	9500SZ-2.5/8
91x94x60	2.3/4	1	9500SZ-2.3/4
95x101x60	2.15/16	1	9500SZ-2.15/16
98x103x60	3	1	9500SZ-3
101x108x60	3.1/8	1	9500SZ-3.1/8

ACCESSORIES 1"

Reversible ratchet, 1"



9551

mm		
640	1	9551

Reversible ratchet head 1"



9550AB

mm		
190	1	9550AB

Universal handle for ratchet head



9552AB

mm		
624	1	9552AB

Sliding T-handle, 1"



9555

mm		
508	1	9555

Sliding T-handle head, 1"



9555AB

mm		
78x78x78	1	9555AB

Extension bar 1", square drive to socket



9560AB/9563AB

mm		
200	1	9560AB
400	1	9563AB

Adaptor for 1" square drive to 3/4" sockets



9565AB

mm	square		
72	1"-3/4"	1	9565AB

Spare part set for 9551 and 9550AB ratchet



9550AB-SO/1

1	9550AB-SO/1

SOCKET SETS 1"

Socket set in baked enamelled metal box



9540MB

mm		
46-80	1	9540MB

Socket set in baked enamelled metal box



9540MBL

mm		
46-80	1	9540MBL

Socket set in baked enamelled metal box



9540ZB

inch		
1.13/16-2.3	1	9540ZB

Socket set in baked enamelled metal box



9540ZBL

inch		
1.13/16-3.1	1	9540ZBL



SOCKET SETS, BAHCO

Socket set, 24 piece, 1/4" drive



SL24

contents		
24 pieces, 1/4"	1	SL24

Socket set, 25 piece, 1/4" drive



SL25

mm		
4-13	1	SL25
4-13	5	SBSL25

Socket set, 16 piece, 1/4"



S160

mm		
4-13	1	S160

Socket set 1/4" 16pcs



S160AF

inch		
1/8"-9/16"	1	S160AF

Socket set, 29 piece, 1/4"



S290

mm		
4-13	6	S290

Socket set, 46 piece, 1/4"



S460

mm		
4-13	6	S460

Socket set, 33 piece, 1/4" and 3/8"



S330

mm		
10-22	6	S330

Socket set 3/8" & 1/4"



S330AF

inch		
1/4"-7/8"	6	S330AF

Socket set, 24 piece, 1/2"



S240

mm		
10-32	4	S240

Socket set, 23 piece, 1/2"



S240AF

inch		
3/8-1.1/4"	4	S240AF

Socket set, 40 piece, 1/2" + combination wrench





S400

mm		
10-32	2	S400

Socket set 1/2" & spanner





S350AF

inch		
13/16-25/32	2	S350AF

Pass-through socket set, 14 piece



S140T

mm		
10-24	10	S140T

Pass-through ratchet kit, 3 piece





S140T-R

	
40	S140T-R

Pass-through socket set, 53 piece





S530T

mm		
10-24	4	S530T

Socket set, 91 piece, 1/4" and 1/2" + combination wrench set





S910

mm		
1/4 = 4-13	2	S910

Socket set 1/4" & 1/2" & spanners + combination wrench set





S910AF

inch		
1/2-1.3/16	2	S910AF

Socket set, 94 piece, 1/4" and 1/2" + combination wrench set





S87+7

mm		
375x430x110	2	S87+7

Socket set, 106 piece, 1/4" and 1/2" + combination wrench set





S106

mm		
375x430x110	2	S106

Socket set, 1/2" + 1/4" 108 piece + combination wrench set





S108

mm		
375x430x110	2	S108

Socket set 1/2" + 1/4" drives, 56 piece



S560

Pcs		
56	4	S560

Socket set 1/4"-1/2", 41 piece + combination wrench set





S410

	
2	S410

Socket set, 3/4", 17 piece



SLX 17

mm		
22-50	1	SLX 17



SOCKET SETS, BAHCO

Socket set 3/4"



SLX17AF

inch 1.1/16"-2" 1 SLX 17AF

Case for set S160



S160-CASE

1 S160-CASE

Case for set S240



S240-CASE

1 S240-CASE

Case for set S290



S290-CASE

10 S290-CASE

Case for set S330



S330-CASE

1 S330-CASE

Case for set S87+7



S87+7-CASE

5 S87+7-CASE

Case for set S910



S910-CASE

1 S910-CASE

INSULATED SOCKETS AND ACCESSORIES

Insulated socket



7800DMV

mm	Quantity	Model
8	10	7800DMV-8
10	10	7800DMV-10
11	10	7800DMV-11
12	10	7800DMV-12

mm	Quantity	Model
13	10	7800DMV-13
14	10	7800DMV-14
15	10	7800DMV-15
16	10	7800DMV-16
17	10	7800DMV-17
18	10	7800DMV-18
19	10	7800DMV-19
20	10	7800DMV-20
21	10	7800DMV-21
22	10	7800DMV-22
24	5	7800DMV-24
27	5	7800DMV-27
30	5	7800DMV-30
32	5	7800DMV-32

Insulated 1/2" ratchet



8150-1/2V

EN60900 1000V 1 8150-1/2V

Insulated T handle



8154-1/2V

EN60900 1000V 1 8154-1/2V

Insulated 1/2" extensions



8160-1/2V - 8162-1/2V

mm	Quantity	Model
125	1	8160-1/2V
250	1	8162-1/2V



Torque tools



TORQUE TOOLS

Torque wrenches with scale



7451/7851

Nm		
2-20 3/8	1	7451-20
10-60 3/8	1	7451-60
10-100 3/8	1	7451-100
10-100 1/2	1	7851-100
20-200 1/2	1	7851-200
70-340 1/2	1	7851-340

Torque wrenches with scale, metal handle



7455/7456

ft.lb.	Nm		
.74-3.7	1-5	1	7455-5
2.2-11.1	3-15	1	7455-15
3-14.8	4-20	1	7455-20
3.7-18.4	5-25	1	7455-25
7.4-44.3	10-60	1	7455-60
44.3-221.3	60-300	1	7455-300
14.8-73.8	20-100	1	7455-100
29.5-147.5	40-200	1	7455-200
44.3-221.3	60-340	1	7455-340
73.8-368.8	100-500	1	7455-500
110.6-590	150-800	1	7455-800
221.3-1106	300-1500	1	7455-1500
368.8-1844	500-2500	1	7455-2500
10-80		1	7456-80LB

Torque wrench with break-back 3/4"



8951-F-800

Nm		
200-800 3/4	1	8951-F-800

Reversible ratchet insert tool



6852/7452/7852

Nm		
2-20	1	6852-20
10-100	1	7452-100
20-200	1	7852-200
70-340	1	7852-340

Mechanical torque wrench with interchangeable head



8952F

Nm		
120-600	1	8952F

Presettable, mechanical torque wrenches



6852P/7452P/7852P

	1	6852P-25
	1	7452P-50
	1	7452P-85
	1	7852P-200

Reversible ratchet insert tool



6852/7452/7852/8952 -1

Connect.	Nm		
9x12	2-25	1	6852-1
9x12	5-50	1	7452-1
9x12	15-85	1	7852-1
14x18	20-200	1	8952-1

Flare nut insert tool



7452-9

mm		
10	1	7452-9-10
11	1	7452-9-11
12	1	7452-9-12
13	1	7452-9-13
14	1	7452-9-14
16	1	7452-9-16
17	1	7452-9-17
18	1	7452-9-18
19	1	7452-9-19

Ring insert tool



7452-8

mm		
7	1	7452-8-7
8	1	7452-8-8
10	1	7452-8-10
11	1	7452-8-11
12	1	7452-8-12
13	1	7452-8-13
14	1	7452-8-14
15	1	7452-8-15
17	1	7452-8-17
19	1	7452-8-19

Ring insert tool



7852-8

mm		
13	1	7852-8-13
14	1	7852-8-14
15	1	7852-8-15
17	1	7852-8-17
19	1	7852-8-19
22	1	7852-8-22
24	1	7852-8-24
27	1	7852-8-27
30	1	7852-8-30
32	1	7852-8-32

Insert square drive 3/4"



8952-3

inch		
3/4"	1	8952-3

Welding insert tool



7452-10

mm		
9x12	1	7452-10

Welding insert tool



7852-10

mm		
14x18	1	7852-10

Open-end insert tool



7452-7

mm		
7	1	7452-7-7
8	1	7452-7-8
9	1	7452-7-9
10	1	7452-7-10
11	1	7452-7-11
13	1	7452-7-13
14	1	7452-7-14
15	1	7452-7-15

mm		
16	1	7452-7-16
17	1	7452-7-17
18	1	7452-7-18
19	1	7452-7-19

Open-end insert tool



7852-7

mm		
13	1	7852-7-13
14	1	7852-7-14
15	1	7852-7-15
17	1	7852-7-17
18	1	7852-7-18
19	1	7852-7-19
22	1	7852-7-22
24	1	7852-7-24
27	1	7852-7-27
30	1	7852-7-30
32	1	7852-7-32

Torque tools set, 32 piece



7452/S32

1	7452/S32

Torque tools set, 17 piece



6852-5/S17

1	6852-5/S17

Dial torque wrenches, double scale



7454

Nm		
0-3.5	1	7454-3
0-9	1	7454-9
0-18	1	7454-18
0-35	1	7454-35
0-70	1	7454-70
0-140	1	7454-140
0-240	1	7454-240
0-350	1	7454-350
0-480	1	7454-480
0-800	4	7454-800
0-1400	1	7454-1400
0-800	1	7454-800E
0-1400	1	7454-1400E

Double-scale torque wrench



6981/7481/8181

Nm		
0,3-4 - 1/4	1	6981A
0,5-13,5 -1/4	1	6981C
3-40 - 3/8	1	7481A
6-80 - 3/8	1	7481C
6-80 -1/2	1	8181A
20-215 - 1/2	1	8181C

Double-scale torque wrench with signal light



8981/9581

Nm		
80-400 -3/4	1	8981
40-800 - 3/4	1	8981A
400-2000- 1	1	9581C

Electronic torque screwdriver, reversible ratchet head



IZO-D

Nm		
3-30 1/4	1	IZO-D-30
7-135 3/8	1	IZO-D-135
20-200 1/2	1	IZO-D-200
34-340 1/2	1	IZO-D-340



TORQUE TOOLS

Electronic torque screwdriver, with fixed ratcheting ring spanner



IZO-DR

Nm		
81-810 - 3/4	1	IZO-DR-810

Electronic torque angle wrench



IZO-DAG

Nm		
14-135 3/8"	1	IZO-DAG-135
18-340 1/2"	1	IZO-DAG-340

Electronic wrench, reversible ratchet head



IZO-DM

Nm		
3-30 - 1/4	1	IZO-DM-30
7-135 - 3/8	1	IZO-DM-135
20-200 - 1/2	1	IZO-DM-200
34-340 - 1/2	1	IZO-DM-340

Electronic wrench, fixed ratchet head



IZO-DRM

Nm		
81-810 - 3/4	1	IZO-DRM-810

Ergonomic torque screwdriver, fixed setting



BE-6990

T	Nm		
6	0,6	1	BE-6990-IP6
7	0,9	1	BE-6990-IP7
8	1,2	1	BE-6990-IP8
9	1,4	1	BE-6990-IP9
10	2,0	1	BE-6990-IP10
15	3,0	1	BE-6990-IP15

Spare blade for Torx® head screws



BE-6990TX-KL

T		
T6	10	BE-6990TX-T6-KL
T7	10	BE-6990TX-T7-KL
T8	10	BE-6990TX-T8-KL
T9	10	BE-6990TX-T9-KL
T10	10	BE-6990TX-T10KL
T15	10	BE-6990TX-T15KL

Spare blade for Torx® plus head screws



BE-6990-IP-KL

IP6	10	BE-6990-IP6-KL
IP7	10	BE-6990-IP7-KL
IP8	10	BE-6990-IP8-KL
IP9	10	BE-6990-IP9-KL
IP10	10	BE-6990-IP10-KL
IP15	10	BE-6990-IP15-KL

Ergo® torque screwdriver set



BE-6990-IPSET

1	1	BE-6990-IPSET

Pre-set torque screwdriver, fixed setting



BE-6990-IP20/25

Nm		
4.0	1	BE-6990-IP20
5.0	1	BE-6990-IP25

Spare blade for Torx® head screw



BE-6990-IP-KL

T20	10	BE-6990-IP20-KL

Spare blade for Torx® plus head screws



BE-6990TX-KL

T		
T20	10	BE-6990TX-T20KL

Torque screwdriver with scale, adjustment ring



6973N-6978N

cNm		
10-80	1	6973N
40-200	1	6976N
50-450	1	6978N

Micro adjustable torque screwdriver



MA500-1 - MAL500-3



cNm		
10-80	1	MA500-1
40-200	1	MA500-2
50-450	1	MA500-3

Torque screwdrivers with dial indication



6881

cNm		
0-50 - 1/4	1	6881B
0-100 - 1/4	1	6881D

Torque calibration ring



6976E

Nm		
0,2-4 - 1/4, 3/8	1	6976E/1
1-12 - 1/4, 3/8	1	6976E/2

Torque screwdrivers with scale, adjustment ring



6976AN

cNm		
20-120 +1/4	1	6976AN

Torque screwdriver with scale, adjustment ring



6976CN

Nm		
1-6 - 1/4	1	6976CN

Torque screwdriver with preset torque values



6976

Nm		
2-135 - 1/4	1	6976A

Torque screwdriver with preset torque values



6975A

cNm		
2-22 - 1/4	1	6975A

Torque wrench with preset torque value



6873N-6880N

cNm		
4-22	1	6873N
7-70	1	6876N
15-170	1	6878N
45-450	1	6880N

Torque screwdriver with preset torque values, 1/4" female hexagon drive



BE-6990-AH

Drive	Nm		
1/4	0.5-15	1	BE-6990-AH

Micro adjustable torque screwdriver



PS501-2



cNm		
7-70	1	PS501-2

Preset torque handles



7453

Drive	Nm		
1/4 Hex fem	2-20	1	7453-20-6F
1/4 SQ male	2-20	1	7453-20-6
3/8 SQ male	2-20	1	7453-20-10

Torque wrench 5



6852-5

Nm		
1-5 1/4	1	6852-5





TORQUE TOOLS

Angle meter 1/2" with magnet



7851-M

Drive		
1/2"	1	7851-M

Angle meter 1/2" with grip



7851-G

Drive		
1/2"	1	7851-G

Angle meter 3/4" magnet



8951-M

Drive		
3/4"	1	8951-M

Automotive torque multiplier



8905-TM/9505-TM

Nm		
260-1300	1	8905-TM
540-2700	1	9505-TM

Torque multiplier, standard



9505/9605/9525/9625

Nm		
340-1700	1	9505-1700
680-3400	1	9505-3400
68-1700	1	9525-1700
136-3400	1	9525-3400
1200-6000	1	9605-6000
240-6000	1	9625-6000
380-9500	1	9625-9500

Torque multiplier slim line



8905S/9525S/9505S/9515S/9625S/

Nm		
200-1000	1	8905S-1000
600-3000	1	9505S-3000
200-3000	1	9515S-3000
60-1500	1	9525S-1500
240-6000	1	9625S-6000
80-6000	1	9675S-6000

Digital torque tester



DTT

Nm		
0,5-5	1	69DTT-5
10-100	1	74DTT-100
34-340	1	78DTT-340
80-800	1	89DTT-800



Impact tools and bits



▶ IMPACT TOOLS 1/4"

Hexagon sockets, 1/4"



K6701M ○

mm		
6	1	K6701M-6
7	1	K6701M-7
8	1	K6701M-8
9	1	K6701M-9
10	1	K6701M-10
11	1	K6701M-11
12	1	K6701M-12
13	1	K6701M-13
14	1	K6701M-14

Magnetic sockets



KM6701M ○

mm		
7	1	KM6701M-7
8	1	KM6701M-8
10	1	KM6701M-10

Adaptor, hexagon bitholder, 1/4"



6972H

inch		
1/4 - 1/4	5	6972H

Clamping spring



K560F-1

inch		
1/4	5	K560F-1

▶ IMPACT TOOLS 3/8"

Hexagon sockets, 3/8"



K7401M ○

mm		
7	1	K7401M-7
8	1	K7401M-8
9	1	K7401M-9
10	1	K7401M-10
11	1	K7401M-11
12	1	K7401M-12
13	1	K7401M-13
14	1	K7401M-14
15	1	K7401M-15
16	1	K7401M-16
17	1	K7401M-17
18	1	K7401M-18
19	1	K7401M-19
20	1	K7401M-20
21	1	K7401M-21
22	1	K7401M-22
24	1	K7401M-24

Sockets, long series, 3/8"



K7406M ○

mm		
10	1	K7406M-10
13	1	K7406M-13
17	1	K7406M-17

Extension 3/8"



K7760C

mm		
75	1	K7760C-1
150	1	K7760C-2

Ball joint, 3/8"



K7767S

inch		
3/8 - 3/8	1	K7767S

Adaptor, 3/8" to 1/2"



K6964C

K6964C/K8164C

inch		
3/8 - 1/4	1	K6964C
3/8 - 1/2	1	K8164C

Adaptors, universal holder, 1/4"



K172

inch		
1/4 - 3/8	1	K172

Adaptors, Hexagon Bitholder, Male 11mm



7407H / 7408H

7409H

7407H-7409H

inch		
1/4 - 3/8	1	7407H
5/16 - 3/8	1	7408H
11 mm - 3/8	1	7409H

Clamping spring



K560F-2/3

mm		
7-12 - 3/8	5	K560F-2
13-19 - 3/8	5	K560F-3

▶ IMPACT TOOLS 1/2"

Hexagon sockets, 1/2"



K7801M

mm		
8	1	K7801M-8
9	1	K7801M-9
10	1	K7801M-10
11	1	K7801M-11
12	1	K7801M-12
13	1	K7801M-13
14	1	K7801M-14
15	1	K7801M-15
16	1	K7801M-16
17	1	K7801M-17
18	1	K7801M-18
19	1	K7801M-19
20	1	K7801M-20

mm		
21	1	K7801M-21
22	1	K7801M-22
23	1	K7801M-23
24	1	K7801M-24
25	1	K7801M-25
26	1	K7801M-26
27	1	K7801M-27
30	1	K7801M-30
32	1	K7801M-32
34	1	K7801M-34
36	1	K7801M-36

Sockets



K7801VM

mm		
17	1	K7801VM-17
19	1	K7801VM-19
22	1	K7801VM-22
24	1	K7801VM-24

Socket sets



K7801VM/S4

mm		
17-24	1	K7801VM/S4

Sockets, long series, 1/2"



K7806M

mm		
10	1	K7806M-10
11	1	K7806M-11
12	1	K7806M-12
13	1	K7806M-13
14	1	K7806M-14
16	1	K7806M-16
17	1	K7806M-17
18	1	K7806M-18
19	1	K7806M-19

mm		
21	1	K7806M-21
22	1	K7806M-22
23	1	K7806M-23
24	1	K7806M-24
27	1	K7806M-27
30	1	K7806M-30

Sockets 1/2" drive, long series



K7806Z

3/8	10	K7806Z-3/8
7/16	10	K7806Z-7/16
1/2	10	K7806Z-1/2
9/16	10	K7806Z-9/16
5/8	5	K7806Z-5/8
11/16	5	K7806Z-11/16
3/4	5	K7806Z-3/4
13/16	5	K7806Z-13/16
7/8	5	K7806Z-7/8
15/16	5	K7806Z-15/16
1	5	K7806Z-1
1.1/16	5	K7806Z-1.1/16
1.1/8	5	K7806Z-1.1/8
1.1/4	5	K7806Z-1.1/4
1.5/16	5	K7806Z-1.5/16
1.3/8	5	K7806Z-1.3/8
1.7/16	5	K7806Z-1.7/16
1.1/2	5	K7806Z-1.1/2

Socket sets, long series, 1/2"



K7806M/S4

mm		
17-24	1	K7806M/S4

Power socket, thin walled



KT7806M

mm		
24	1	KT7806M-24



▶ IMPACT TOOLS 1/2"

Hexagon sockets, 1/2"



K7801Z ○

inch		
3/8		K7801Z-3/8
7/16		K7801Z-7/16
1/2		K7801Z-1/2
9/16		K7801Z-9/16
5/8		K7801Z-5/8
11/16		K7801Z-11/16
3/4		K7801Z-3/4
13/16		K7801Z-13/16
7/8		K7801Z-7/8
15/16		K7801Z-15/16
1		K7801Z-1
1.1/16		K7801Z-1.1/16
1.1/8		K7801Z-1.1/8
1.1/4		K7801Z-1.1/4
1.5/16		K7801Z-1.5/16
1.3/8		K7801Z-1.3/8
1.7/16		K7801Z-1.7/16
1.1/2		K7801Z-1.1/2

Sockets, Torx® 1/2"



K7801TORX-E ⚙️

T		
E10	1	K7801TORX-E10
E12	1	K7801TORX-E12
E14	1	K7801TORX-E14
E16	1	K7801TORX-E16
E18	1	K7801TORX-E18
E20	1	K7801TORX-E20
E24	1	K7801TORX-E24

**Sockets set in metric sizes
D/S10: 10-19mm; D/S14: 10-27mm**



D/S10



D/S14

D/

mm	mm		
280x160x70	10-19	6	D/S10
280x160x70	10-27	6	D/S14

**Socket set long sockets in metric sizes
DD/S10: 10-19mm; DD/S14: 10-27mm**



DD/S10



DD/S14

DD/

mm	mm		
280x160x70	10-19	6	DD/S10
375x215x100	10-27	4	DD/S14

Mixed socket set of 20 pieces, deep and standard impact sockets 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm



D-DD/

mm		
375x215x100	4	D-DD/S20

Extension 1/2"



K8160D

mm		
75	1	K8160D-1
125	1	K8160D-2
250	1	K8160D-3

Ball joint 1/2"



K8167S

inch		
1/2 - 1/2	1	K8167S

Adaptor, 1/2" to 3/4"



K7764D

K8964D

K7764D/K8964D

inch		
1/2 - 3/8	1	K7764D
1/2 - 3/4	1	K8964D

Bit holding adaptor, male 11mm



7807H-7809H

inch		
1/4 - 1/2	1	7807H
5/16 - 1/2	1	7808H
11 mm - 1/2	1	7809H

Clamping spring



K560F-4/5

mm		
10-14	5	K560F-4
15-32	5	K560F-5

1/2" Hexagonal tip socket driver



7993S

Hex.		
5	1	7993S0050
6	1	7993S0060
8	1	7993S0080
10	1	7993S0100
12	1	7993S0120
14	1	7993S0140
17	1	7993S0170
19	1	7993S0190

1/2" Torx® bit socket driver



7994S

Size		
T-30	1	7994S0300
T-40	1	7994S0400
T-45	1	7994S0450
T-50	1	7994S0500
T-55	1	7994S0550
T-60	1	7994S0600

▶ IMPACT TOOLS 3/4"

Hexagon sockets, 3/4"



K8901M

mm		
17	1	K8901M-17
18	1	K8901M-18
19	1	K8901M-19
21	1	K8901M-21
22	1	K8901M-22
23	1	K8901M-23
24	1	K8901M-24
27	1	K8901M-27
28	1	K8901M-28
29	1	K8901M-29
30	1	K8901M-30
32	1	K8901M-32
33	1	K8901M-33
34	1	K8901M-34
36	1	K8901M-36
38	1	K8901M-38
41	1	K8901M-41
46	1	K8901M-46
50	1	K8901M-50
55	1	K8901M-55
60	1	K8901M-60

Hexagon sockets, 3/4"



K8901Z

inch		
3/4	1	K8901Z-3/4
13/16	1	K8901Z-13/16
7/8	1	K8901Z-7/8
15/16	1	K8901Z-15/16
1	1	K8901Z-1
1.1/16	1	K8901Z-1.1/16
1.1/8	1	K8901Z-1.1/8
1.1/4	1	K8901Z-1.1/4
1.5/16	1	K8901Z-1.5/16
1.3/8	1	K8901Z-1.3/8
1.7/16	1	K8901Z-1.7/16
1.1/2	1	K8901Z-1.1/2
1.5/8	1	K8901Z-1.5/8
1.3/4	1	K8901Z-1.3/4
1.15/16	1	K8901Z-1.15/16
2	1	K8901Z-2
2.1/16	1	K8901Z-2.1/16
2.3/16	1	K8901Z-2.3/16
2.1/4	1	K8901Z-2.1/4
2.3/8	1	K8901Z-2.3/8

Hexagon sockets, metric 3/4", long series



K8906M

mm		
17	1	K8906M-17
19	1	K8906M-19
21	1	K8906M-21
22	1	K8906M-22
24	1	K8906M-24
27	1	K8906M-27
30	1	K8906M-30
32	1	K8906M-32
33	1	K8906M-33
34	1	K8906M-34
36	1	K8906M-36
41	1	K8906M-41

Hexagon sockets, long series, 3/4"



K8906Z

inch		
3/4	1	K8906Z-3/4
13/16	1	K8906Z-13/16
7/8	1	K8906Z-7/8
15/16	1	K8906Z-15/16
1	1	K8906Z-1
1.1/16	1	K8906Z-1.1/16
1.1/8	1	K8906Z-1.1/8
1.1/4	1	K8906Z-1.1/4
1.5/16	1	K8906Z-1.5/16
1.3/8	1	K8906Z-1.3/8
1.7/16	1	K8906Z-1.7/16
1.1/2	1	K8906Z-1.1/2
1.5/8	1	K8906Z-1.5/8
1.3/4	1	K8906Z-1.3/4
2	1	K8906Z-2

Extension 3/4"



K8960F

mm		
175	1	K8960F-2
250	1	K8960F-3



▶ IMPACT TOOLS 3/4"

Ball joint 3/4"



K8967S

inch		
3/4 - 3/4	1	K8967S

Adaptor, 3/4" to 1"



K8164F



K9564F

K8164F/K9564F

inch		
3/4 - 1/2	1	K8164F
3/4 - 1	1	K9564F

Adaptor, hexagon bitholder, male



K8909H

mm		
22 mm - 3/4	1	K8909H-5

3/4" Hexagonal tip socket driver



7993T

Hex.		
12	1	7993T0120
14	1	7993T0140
17	1	7993T0170
19	1	7993T0190
22	1	7993T0220
24	1	7993T0240

Clamping spring



K560F-6

mm		
17-46	5	K560F-6

▶ IMPACT TOOLS 1"

Hexagon sockets, 1"



K9501M

mm		
22	1	K9501M-22
24	1	K9501M-24
27	1	K9501M-27
30	1	K9501M-30
32	1	K9501M-32
33	1	K9501M-33
34	1	K9501M-34
36	1	K9501M-36
38	1	K9501M-38
41	1	K9501M-41
42	1	K9501M-42
46	1	K9501M-46
50	1	K9501M-50
55	1	K9501M-55
60	1	K9501M-60
65	1	K9501M-65
70	1	K9501M-70
75	1	K9501M-75
80	1	K9501M-80

Hexagon sockets 1"



K9501Z

inch		
1	1	K9501Z-1
1.1/16	1	K9501Z-1.1/16
1.1/8	1	K9501Z-1.1/8
1.3/16	1	K9501Z-1.3/16
1.1/4	1	K9501Z-1.1/4
1.5/16	1	K9501Z-1.5/16
1.3/8	1	K9501Z-1.3/8
1.7/16	1	K9501Z-1.7/16
1.1/2	1	K9501Z-1.1/2
1.9/16	1	K9501Z-1.9/16
1.5/8	1	K9501Z-1.5/8
1.11/16	1	K9501Z-1.11/16
1.3/4	1	K9501Z-1.3/4
1.13/16	1	K9501Z-1.13/16
1.7/8	1	K9501Z-1.7/8
1.15/16	1	K9501Z-1.15/16
2	1	K9501Z-2
2.1/8	1	K9501Z-2.1/8
2.3/16	1	K9501Z-2.3/16
2.1/4	1	K9501Z-2.1/4
2.5/16	1	K9501Z-2.5/16
2.9/16	1	K9501Z-2.9/16
2.3/4	1	K9501Z-2.3/4

Hexagon sockets, long series, 1"



K9506M

mm		
22	1	K9506M-22
24	1	K9506M-24
27	1	K9506M-27
30	1	K9506M-30
32	1	K9506M-32
33	1	K9506M-33
34	1	K9506M-34
36	1	K9506M-36
38	1	K9506M-38
41	1	K9506M-41
46	1	K9506M-46
50	1	K9506M-50
55	1	K9506M-55
60	1	K9506M-60

Hexagon sockets, long series, 1"



K9506Z

inch		
1	1	K9506Z-1
1.1/16	1	K9506Z-1.1/16
1.3/16	1	K9506Z-1.3/16
1.1/4	1	K9506Z-1.1/4
1.7/16	1	K9506Z-1.7/16
1.1/2	1	K9506Z-1.1/2
1.5/8	1	K9506Z-1.5/8
1.13/16	1	K9506Z-1.13/16
1.7/8	1	K9506Z-1.7/8

Extension 1"



K9560G

mm		
125	1	K9560G-1
175	1	K9560G-2
250	1	K9560G-3
300	6	K9560G-4
400	1	K9560G-5

Ball joint 1"



K9567S

inch		
1 - 1	1	K9567S

Adaptors of 1" to 3/4" and 1 1/2"



K8964G/K9895G

inch		
1 - 3/4	1	K8964G
1 - 1.1/2	1	K9895G

Adaptor, hexagon bitholder, male 22mm



K9509H5

mm		
22 mm - 1	1	K9509H5

1" Hexagonal tip socket driver



7993M

Hex.		
17	1	7993M0170
19	1	7993M0190
22	1	7993M0220
27	1	7993M0270

Adaptor, hexagon bit holder male 22mm



K8909ML/K9509ML

mm		
12	1	K8909ML-12
14	1	K8909ML-14
17	1	K8909ML-17
19	1	K9509ML-19
22	1	K9509ML-22
24	1	K9509ML-24

Clamping spring



K560F-7/8

mm		
19-70	5	K560F-7
75-80	5	K560F-8

1" Torsion Bar



BZWTB

Size/Nm		
32/450	1	BZWTB0132450
32/600	1	BZWTB0132600
33/600	1	BZWTB0133600

IMPACT TOOLS 1 1/2"

Hexagon sockets, 1.1/2"



K9801M

mm		
46	1	K9801M-46
50	1	K9801M-50
55	1	K9801M-55
60	1	K9801M-60
65	1	K9801M-65
70	1	K9801M-70
75	1	K9801M-75
80	1	K9801M-80
85	1	K9801M-85
90	1	K9801M-90
95	1	K9801M-95
100	1	K9801M-100
105	1	K9801M-105
110	1	K9801M-110
115	1	K9801M-115
120	1	K9801M-120
125	1	K9801M-125
130	1	K9801M-130
135	1	K9801M-135
140	1	K9801M-140
145	1	K9801M-145
150	1	K9801M-150
155	1	K9801M-155



▶ IMPACT TOOLS 1 1/2"

Hexagon sockets 1.1/2", manufactured on demand



K9801Z

inch		
1.3/8	1	K9801Z-1.3/8
1.7/16	1	K9801Z-1.7/16
1.1/2	1	K9801Z-1.1/2
1.9/16	1	K9801Z-1.9/16
1.5/8	1	K9801Z-1.5/8
1.11/16	1	K9801Z-1.11/16
1.3/4	1	K9801Z-1.3/4
1.13/16	1	K9801Z-1.13/16
1.7/8	1	K9801Z-1.7/8
1.15/16	1	K9801Z-1.15/16
2	1	K9801Z-2
2.1/16	1	K9801Z-2.1/16
2.1/8	1	K9801Z-2.1/8
2.3/16	1	K9801Z-2.3/16
2.1/4	1	K9801Z-2.1/4
2.5/16	1	K9801Z-2.5/16
2.3/8	1	K9801Z-2.3/8
2.7/16	1	K9801Z-2.7/16
2.1/2	1	K9801Z-2.1/2
2.9/16	1	K9801Z-2.9/16
2.5/8	1	K9801Z-2.5/8
2.11/16	1	K9801Z-2.11/16
2.3/4	1	K9801Z-2.3/4
2.13/16	1	K9801Z-2.13/16
2.7/8	1	K9801Z-2.7/8
2.15/16	1	K9801Z-2.15/16
3	1	K9801Z-3
3.1/16	1	K9801Z-3.1/16
3.1/8	1	K9801Z-3.1/8
3.1/4	1	K9801Z-3.1/4
3.5/16	1	K9801Z-3.5/16
3.3/8	1	K9801Z-3.3/8
3.7/16	1	K9801Z-3.7/16
3.1/2	1	K9801Z-3.1/2
3.9/16	1	K9801Z-3.9/16
3.5/8	1	K9801Z-3.5/8
3.11/16	1	K9801Z-3.11/16
3.3/4	1	K9801Z-3.3/4
3.13/16	1	K9801Z-3.13/16
3.7/8	1	K9801Z-3.7/8
3.15/16	1	K9801Z-3.15/16
4	1	K9801Z-4
4.1/16	1	K9801Z-4.1/16
4.1/8	1	K9801Z-4.1/8
4.1/4	1	K9801Z-4.1/4
4.5/16	1	K9801Z-4.5/16
4.3/8	1	K9801Z-4.3/8
4.7/16	1	K9801Z-4.7/16
4.1/2	1	K9801Z-4.1/2
4.5/8	1	K9801Z-4.5/8
4.3/4	1	K9801Z-4.3/4

Hexagon sockets, long series, 1.1/2", manufactured on demand



K9806M

mm		
41	1	K9806M-41
46	1	K9806M-46
50	1	K9806M-50
55	1	K9806M-55
60	1	K9806M-60
65	1	K9806M-65
70	1	K9806M-70
75	1	K9806M-75
80	1	K9806M-80
85	1	K9806M-85
90	1	K9806M-90
95	1	K9806M-95
100	1	K9806M-100
105	1	K9806M-105
110	1	K9806M-110
115	1	K9806M-115
120	1	K9806M-120

Hexagon sockets, long series, 1.1/2", manufactured on demand



K9806Z

inch		
1.3/8	1	K9806Z-1.3/8
1.7/16	1	K9806Z-1.7/16
1.1/2	1	K9806Z-1.1/2
1.5/8	1	K9806Z-1.5/8
1.11/16	1	K9806Z-1.11/16
2	1	K9806Z-2
2.1/16	1	K9806Z-2.1/16
2.3/16	1	K9806Z-2.3/16
2.1/4	1	K9806Z-2.1/4
2.5/16	1	K9806Z-2.5/16
2.3/8	1	K9806Z-2.3/8
2.7/16	1	K9806Z-2.7/16
2.1/2	1	K9806Z-2.1/2
2.9/16	1	K9806Z-2.9/16
2.5/8	1	K9806Z-2.5/8
2.11/16	1	K9806Z-2.11/16
2.3/4	1	K9806Z-2.3/4
2.13/16	1	K9806Z-2.13/16
2.7/8	1	K9806Z-2.7/8
2.15/16	1	K9806Z-2.15/16
3	1	K9806Z-3
3.1/16	1	K9806Z-3.1/16
3.1/8	1	K9806Z-3.1/8
3.3/16	1	K9806Z-3.3/16
3.1/4	1	K9806Z-3.1/4
3.5/16	1	K9806Z-3.5/16
3.3/8	1	K9806Z-3.3/8
3.7/16	1	K9806Z-3.7/16

inch		
3.1/2	1	K9806Z-3.1/2
3.9/16	1	K9806Z-3.9/16
3.5/8	1	K9806Z-3.5/8
3.11/16	1	K9806Z-3.11/16
3.3/4	1	K9806Z-3.3/4
3.13/16	1	K9806Z-3.13/16
3.7/8	1	K9806Z-3.7/8
3.15/16	1	K9806Z-3.15/16
4	1	K9806Z-4
4.1/16	1	K9806Z-4.1/16
4.1/8	1	K9806Z-4.1/8
4.1/4	1	K9806Z-4.1/4
4.5/16	1	K9806Z-4.5/16
4.3/8	1	K9806Z-4.3/8
4.1/2	1	K9806Z-4.1/2
4.5/8	1	K9806Z-4.5/8
4.3/4	1	K9806Z-4.3/4

1.1/2" Impact extensions



K9860H

mm		
1.1/2"x200	1	K9860H-1
1.1/2"x300	1	K9860H-2
1.1/2"x400	1	K9860H-3

Adaptors



K9598H/K9998H

1 - 1 1/2	1	K9598H
2 1/2-1.1/2	1	K9998H
1.1/2-2.1/2	1	K9899H

Impact ball Joint 1 1/2"



K9867S

inch		
1.5 -1.5	1	K9867S

Clamping spring



K560F-9

mm		
95-120	5	K560F-9

BITS 5/32"

Bit for slotted head screws, 5/32", Phillips® screws



42H

PH		
1	5	42H-1
2	5	42H-2

Bit for hexagon socket head screws, 5/32"



45M

mm		
1,5	5	45M-1.5
2	5	45M-2
2,5	5	45M-2.5
3	5	45M-3.0

BITS 1/4"

Bit for slotted head screws



50MH

mm		
3	10	50MH-0.5-3.0
4 x 0,5	10	50MH-0.5-4.0
3,5	10	50MH-0.6-3.5
4 x 0,6	10	50MH-0.6-4.0
4,5	10	50MH-0.6-4.5
5,5 x 0,8	10	50MH-0.8-5.5
5,5 x 1,0	10	50MH-1.0-5.5
6	10	50MH-1.0-6.0
7	5	50MH-1.0-7.0
6,5	5	50MH-1.2-6.5
8 x 1,2	5	50MH-1.2-8.0
9	5	50MH-1.6-9.0
10	5	50MH-1.6-10.0

Bit for slotted head screws, short series



50K

mm		
4,5 x 0,6	10	50K-0.6-4.5
5,5 x 0,8	10	50K-0.8-5.5
5,5 x 1,0	10	50K-1.0-5.5
6,5	10	50K-1.2-6.5
8 x 1,2	5	50K-1.2-8.0

Assortment bits for slotted head screws, short series



50K 2P/S3

mm		
4.5	1	50K-0.6-4.5-2P

Bits for hexagon metric socket head screws



K1CM50H

mm		
3	5	K1CM50H-0.5-3.0
4 x 0,5	5	K1CM50H-0.5-4.0
3,5	5	K1CM50H-0.6-3.5
4,5	5	K1CM50H-0.6-4.5
4 x 0,8	5	K1CM50H-0.8-4.0
5,5	5	K1CM50H-0.8-5.5
6	5	K1CM50H-1.0-6.0
6,5	5	K1CM50H-1.2-6.5

Bit for slotted head screws, Phillips® screws



52H

PH		
0x25	10	52H-0
1x25	10	52H-1
1x50	10	52H-1B
2x25	10	52H-2
2x50	10	52H-2B
3x25	5	52H-3
4x32	5	52H-4

Assortment bits for slotted head screws short series, Phillips® screws



52H 2P/S3

PH		
1	1	52H-1-2P
2	1	52H-2-2P
3	1	52H-3-2P



BITS 1/4"

Bits for Phillips® head screws



52H-IP

PH		
1	100	52H-1-IP
2	100	52H-2-IP
3	50	52H-3-IP

Bits for Phillips® head screws



52H-2G-25P

1	52H-2G-25P

Bit bowl with 100 bits Grabber 2



52H-2G-BOX/S100

Pcs.		
100	1	52H-2G-BOX/S100

Bit bowl with 50 bits



52H1-BOX/S50

PH		
1	1	52H1-BOX/S50

Bit bowl with 100 bits



52H2-BOX/S100

PH		
2	1	52H2-BOX/S100

Bit for hexagon metric socket head screws Phillips® screws



K3C50H

PH		
1	10	K3C50H-1
2	10	K3C50H-2
3	10	K3C50H-3

Bit for slotted head screws, long series Phillips® screws



K3C125H

PH		
2	5	K3C125H-2
3	5	K3C125H-3

Bit for slotted head screws, Pozidriv® screws



51PZSDVH

PZ		
0x25	10	51PZSDVH-0
1x25	10	51PZSDVH-1
1x50	10	51PZSDVH-1B
2x25	10	51PZSDVH-2
2x50	10	51PZSDVH-2B
3x25	5	51PZSDVH-3
4x32	5	51PZSDVH-4

Assortment bits for slotted head screws, Pozidriv® screws



51PZ 2P/1P/S3

PZ		
1	1	51PZ-1-2P
2	1	51PZ-2-2P
3	1	51PZ-3-2P
4	1	51PZ-4-1P

Bits for Pozidriv® head screws



51PZ-IP

PZ		
1	100	51PZ-1-IP
2	100	51PZ-2-IP
3	50	51PZ-3-IP

Bit bowl with 50 bits



51PZ1-BOX/S50

PZ		
1	1	51PZ1-BOX/S50

Bit bowl with 100 bits



51PZ2-BOX/S100

PZ		
2	1	51PZ2-BOX/S100

Bit for slotted head screws, long series, Pozidriv® screws



K3CPZD125H



PZ		
2	5	K3CPZD125H-2
3	5	K3CPZD125H-3

Bit for hexagon metric socket head screws, Pozidriv® screws



K3CPZSDV50H



PZ		
1	10	K3CPZSDV50H-1
2	10	K3CPZSDV50H-2
3	5	K3CPZSDV50H-3

Bit for Torx® head screws



64TORX



T		
4	5	64TORX-T4
5	5	64TORX-T5
6	10	64TORX-T6
7	10	64TORX-T7
8	10	64TORX-T8
9	10	64TORX-T9
10	10	64TORX-T10
15	10	64TORX-T15
20	10	64TORX-T20
25	5	64TORX-T25
27	5	64TORX-T27
30	5	64TORX-T30
40	5	64TORX-T40

Assortment bits for slotted head screws, Torx® screws



64TORX 2P/S3/4P



T		
10	1	64TORX-T10-2P
15	1	64TORX-T15-2P
20	1	64TORX-T20-2P
25	1	64TORX-T25-2P
27	1	64TORX-T27-2P
30	1	64TORX-T30-2P
40	1	64TORX-T40-2P
15	1	64TORX-T15-4P
20	1	64TORX-T20-4P

Bit for Torx® head screws



64TORX-IP



T		
10	50	64TORX-T10-IP
15	50	64TORX-T15-IP
20	50	64TORX-T20-IP
25	50	64TORX-T25-IP
30	50	64TORX-T30-IP
40	50	64TORX-T40-IP

Bit for hexagon metric socket head screws, Torx® screws



K7CTORX



T		
10	5	K7CTORX-T10
15	5	K7CTORX-T15
20	5	K7CTORX-T20
25	5	K7CTORX-T25
27	5	K7CTORX-T27
30	5	K7CTORX-T30
40	5	K7CTORX-T40

Bit bowl with Torx® bits



64TX



T		
10	1	64TX-T10BOX/S50
15	1	64TX-T15BOX/S50
20	1	64TX-T20BOX/S50
25	1	64TX-T25BOX/S25
30	1	64TX-T30BOX/S25

Bit for tamper resistant Torx® head screws



66TORX



T		
10	5	66TORX-T10
15	5	66TORX-T15
20	5	66TORX-T20
25	5	66TORX-T25
27	5	66TORX-T27
30	5	66TORX-T30
40	5	66TORX-T40

Bit for Torq-Set dead screws



60



TORQ-SET®		
0	5	60-0
1	5	60-1
2	5	60-2
3	5	60-3
4	5	60-4
5	5	60-5
6	5	60-6
8	5	60-8
10	5	60-10
1/4"	5	60-1/4



BITS 1/4"

Bit for Tri-Wing head screws



61

Tri-Wing®		
0	5	61-0
1	5	61-1
2	5	61-2
3	5	61-3
4	5	61-4
5	5	61-5

Bit for Hexagon metric socket head screws



55M

mm		
1,5	5	55M-1.5
2	5	55M-2.0
2,5	5	55M-2.5
3	5	55M-3.0
4	5	55M-4.0
5	5	55M-5.0
6	5	55M-6.0
8	5	55M-8.0
10	5	55M-10.0

Assortment bits for slotted head screws



55M 2P/S3

mm		
3	1	55M-3.0-2P
4	1	55M-4.0-2P
5	1	55M-5.0-2P
6	1	55M-6.0-2P

Bit for hexagon metric socket head screws



K7CM50

mm		
3	5	K7CM50-3
4	5	K7CM50-4
5	5	K7CM50-5
6	5	K7CM50-6

Bit for hexagon imperial socket head screws



55Z

inch		
1/16	5	55Z-1/16
5/64	5	55Z-5/64
3/32	5	55Z-3/32
7/64	5	55Z-7/64
1/8	5	55Z-1/8
9/64	5	55Z-9/64
5/32	5	55Z-5/32
3/16	5	55Z-3/16
7/32	5	55Z-7/32
1/4	5	55Z-1/4
5/16	5	55Z-5/16
3/8	5	55Z-3/8

Bit for slotted head screws of Titanium-nitride, Phillips® screws



52HTIN

PH		
1	10	52HTIN-1
2	10	52HTIN-2
3	10	52HTIN-3

Bit for slotted head screws of Titanium-nitride, Phillips® screws, long series



52H50TIN

PH		
2	10	52H50TIN-2

Bit for slotted head screws of Titanium-nitride, Pozidriv® screws



51PZTIN

PZ		
1	10	51PZTIN-1
2	10	51PZTIN-2
3	10	51PZTIN-3

Bit for slotted head screws of Titanium-nitride, Pozidriv® screws, long series



51PZ50TIN

PZ		
1	10	51PZ50TIN-1
2	10	51PZ50TIN-2

Hexagon male adaptors, 1/4" to square male 1/4"



K6729

inch		
1/4 - 1/4	5	K6729

Adaptor with male hexagon to male square, 1/4"



K6728C/K7428C

mm		
1/4-1/4-50	1	K6728C-1
1/4-1/4-100	1	K6728C-2
3/8-1/4-50	1	K7428C-1
3/8-1/4-100	5	K7428C-3

Adaptors, bit holder, 1/4"



K253

mm			
28	1	K253	

Bit adaptor 1/4" bits & 10 mm hexagon



1RMA-10-1/4-BIT

inch			
1/4	1	1RMA-10-1/4-BIT	

Adaptors, universal holder, 1/4"



K153

mm	L		
32	60	5	K153-32
48	75	5	K153-48
102	130	5	K153-102

Adaptor with permanent magnet Vanadium-extra Steel /copper-Beryllium



KM153

mm	L		
48	75	5	KM153-48
76	100	5	KM153-76

Adaptor with permanent magnet Vanadium-extra, anti-magnetic stainless steel



KM153MS-48

mm	L		
48	75	1	KM153MS-48

Adaptor with permanent magnet



KM653

mm	L		
34	50	5	KM653
34	50	1	KM653-1P

Adaptor with permanent magnet



KM653-QR

L	Ø		
60	14	1	KM653-QR
60	14	1	KM653-QR-1P
60	14	1	KM653QR-BOX/S25

▶ BIT SETS 1/4"

Bit assortment, Phillips® and Pozidriv®



59		1	59/1

Bit assortment, Torx® head screws



T			
9-10-15-20-25-30		1	59TORX/1

Bit assortment Phillips® and Pozidriv® head screws



9933		3	9933

Bit assortment Torx® head screws



9923		10	9923

Bit set for slotted Phillips® and Pozidriv® head screws, 13 piece



59/S13-1		1	59/S13-1

Bit set for Torx® head screw, 13 piece



59/S13-2		1	59/S13-2



BIT SETS 1/4"

Bit set for Phillips® head screws, 13 piece



59/S13-3

bits 1 59/S13-3
4xPH1 6xPH2 2xPH3

Bit set for Phillips® and Pozidriv® head screws, 13 piece



59/S13-4

1 59/S13-4

Bit set for slotted Phillips®, Pozidriv®, Torx® head screws, 28 piece



59/S28-1

1 59/S28-1

Bit magazine



SB-59/S15-1

12 SB-59/S15-1

Bit magazine



SB-59/S15-2

12 SB-59/S15-2

Bit magazine



SB-59/S15-4

12 SB-59/S15-4

Bit set for slotted Phillips®, Pozidriv®, Torx® tamper, hexagon head screws, 28 piece mm



59/S28-2

1 59/S28-2

Bit magazine



SB-59/S15-3

12 SB-59/S15-3

Bit set for slotted, Phillips, Hexagon, Tri-wing® and Torq-Set® head screws



59/S28-3

1 59/S28-3

Bit set for slotted, Phillips, Hexagon, Torx®, Hexagon and Torq-Set® head screws



59/S28-4

1 59/S28-4

Impact bits set 31 piece



59/S31

6 59/S31

Impact bits set 31 piece



59/T31

6 59/T31

Bit set with bits, sockets, bit-ratchet and adapters



2058/S26



mm	Quantity	Part Number
1	1	2058/S26
1	1	SB-2058/S26

Bit set with bits, sockets, bit-ratchet and adapters



2058/S26-2



mm	Quantity	Part Number
1	1	2058/S26-2

Bit set for slotted, Phillips®, Pozidriv®, Torx® head screws, 56 piece



59/S56



bits	Quantity	Part Number
mm,PZ,PH,TORX®	1	59/S56

Adaptor with permanent magnet



KM6726

mm	Quantity	Part Number
8 - 12,5	1	KM6726-8
10 - 14,5	1	KM6726-10
12 - 18	1	KM6726-12
14 - 20	1	KM6726-14

Power magnetic nut driver



K6726

mm	Quantity	Part Number
10 - 14,5	1	K6726-10
8 - 12,5	1	K6726-8

Bit assortment with permanent magnet



K6726/

mm	Quantity	Part Number
8-10-12-14	5	K6726/S4

BITS 5/16"

Bits for slotted head screws



70MH

mm	Quantity	Part Number
8 x 1.2	5	70MH-1.2-8.0
9	5	70MH-1.6-9.0
10	5	70MH-1.6-10.0
12	5	70MH-2.0-12.0
14	5	70MH-2.5-14.0

Bit for slotted head screws, Phillips® screws



72H

PH	Quantity	Part Number
1	5	72H-1
2	5	72H-2
3	5	72H-3
4	5	72H-4

Bit for slotted head screws, Pozidriv® screws



71PZSDSVH

PZ	Quantity	Part Number
1	5	71PZSDSVH-1
2	5	71PZSDSVH-2
3	5	71PZSDSVH-3
4	5	71PZSDSVH-4

Bit for slotted head screws



65TORX

T	Quantity	Part Number
30	5	65TORX-T30
40	5	65TORX-T40
45	5	65TORX-T45
50	5	65TORX-T50
55	5	65TORX-T55

Bit for Slotted Head Screws TORQ-SET®



62

TORQ-SET®	Quantity	Part Number
8mm	5	62-8
10mm	5	62-10
1/4"	5	62-1/4
5/16"	5	62-5/16



▶ BITS 5/16"

Bit for Hexagon metric socket head screws



75M

mm		
4	5	75M-4
5	5	75M-5
6	5	75M-6

Bit adaptor 5/16" & 13mm hexagon



1RMA-13-5/16-BIT

inch		
5/16	1	1RMA-13-5/16-BIT

▶ BIT SETS 5/16"

Bit assortment Phillips® screws



7865

1	7865	

▶ BITS 11.2 mm (7/16")

Bits for Hexagon metric socket head screws



7409KML

mm		
4	5	7409KML-4
5	5	7409KML-5
6	5	7409KML-6
7	5	7409KML-7
8	5	7409KML-8
10	5	7409KML-10
12	5	7409KML-12
14	5	7409KML-14
17	5	7409KML-17

Adaptor 7/16" & square male 3/8"-1/2"



K7828E

inch		
1/2 - 7/16	1	K7828E-2

▶ BITS FOR MAGAZINE SCREWDRIVERS

Bit for Phillips® head screws



K18NF

PH		
2	5	K18NF-2

Bits for Pozidriv® head screws



K19PZD

PZ		
2-NF	10	K19PZD-2NF
2-M5	10	K19PZD-2M5

Bit for Torx® head screws



K20TORX

T		
25	10	K20TORX-T25

▶ ACCESSORIES

Magnetic dish



1419-MD

mm		
150	36	1419-MD




Screwdrivers





ERGO® SCREWDRIVERS

Flat screwdriver






BE-8010 - BE-8252 

mm		
0,4x2,5x60	5	BE-8010
0,4x2,5x75	5	BE-8210
0,5x3x75	5	BE-8020
0,5x3x75	5	BE-8020L
0,5x3x125	5	BE-8220
0,6x3,5x75	5	BE-8030
0,6x3,5x125	5	BE-8230
0,8x4x100	5	BE-8040
0,8x4x175	5	BE-8240
1x5,5x150	5	BE-8242
1x5,5x200	5	BE-8250L
1,2x6,5x150	5	BE-8252

Screwdriver for slotted head screws





BE-8150 - BE-8258 

mm		
1x5,5x100	5	BE-8150
1,2x6,5x125	5	BE-8155
1x5,5x150	5	BE-8250
1,2x6,5x150	5	BE-8255
1,6x8x150	5	BE-8256
1,6x8x175	5	BE-8257
1,6x10x200	5	BE-8258

Screwdriver for slotted head screws






BE-8158 - BE-8890 

mm		
1x5,5x125	5	BE-8158
1,2x6,5x150	5	BE-8159
1,6x8x125	5	BE-8160
1,6x8x175	5	BE-8260
1,6x8x175	5	BE-8865
1,6x10x175	5	BE-8870
2x12x200	5	BE-8880
2,5x14x200	5	BE-8890

Screwdriver for slotted head screws, Stubby type





BE-8330 - BE-8455 

mm		
0,6x3,5x25	5	BE-8330
0,8x4x25	5	BE-8340
1x5,5x25	5	BE-8350
1x5,5x45	5	BE-8450
1,2x6,5x25	5	BE-8355
1,2x6,5x45	5	BE-8455
1,2x8x25	5	BE-8360

Phillips® screwdriver



BE-8600 - BE-8624 



PH - mm		
0-60	5	BE-8600
1-75	5	BE-8610
1-75	5	BE-8611
1-200	5	BE-8610L
2-100	5	BE-8620
2-100	5	BE-8621
2-200	5	BE-8620L
3-150	5	BE-8623
4-200	5	BE-8624

Screwdriver for Phillips® head screws



BE-8628


BE-8628 - BE-8640 

PH - mm		
1-100	5	BE-8628
2-125	5	BE-8629
3-150	5	BE-8630
4-200	5	BE-8640

Screwdriver for Phillips® head screws, Stubby type




BE-8601/BE-8602 

PH - mm		
1-25	5	BE-8601
2-25	5	BE-8602

Pozidriv® screwdriver





BE-8800 - BE-8824 

PZ - mm		
0-60	5	BE-8800
1-75	5	BE-8810
1-75	5	BE-8811
1-200	5	BE-8810L
2-100	5	BE-8820
2-100	5	BE-8821
2-200	5	BE-8820L
3-150	5	BE-8823
4-200	5	BE-8824

Screwdriver for Pozidriv® screws






BE-8828 - BE-8840 

PZ - mm		
1-100	5	BE-8828
2-125	5	BE-8829
3-150	5	BE-8830
4-200	5	BE-8840

Screwdriver for Pozidriv® head screws, Stubby type



BE-8801/BE-8802 

PZ - mm		
1-25	5	BE-8801
2-25	5	BE-8802

Torx® screwdriver



BE-8904 - BE-8945



T		
4x75	5	BE-8904
5x75	5	BE-8905
6x75	5	BE-8906
7x75	5	BE-8907
8x75	5	BE-8908
9x75	5	BE-8909
10x75	5	BE-8910
15x100	5	BE-8915
20x100	5	BE-8920
25x125	5	BE-8925
27x125	5	BE-8927
30x150	5	BE-8930
40x150	5	BE-8940
45x150	5	BE-8945

Screwdriver for Torx® screws, Tamper resistant



BE-7907 - BE-7940



T		
7x75	5	BE-7907
8x75	5	BE-7908
9x75	5	BE-7909
10x75	5	BE-7910
15x100	5	BE-7915
20x100	5	BE-7920
25x125	5	BE-7925
27x125	5	BE-7927
30x150	5	BE-7930
40x150	5	BE-7940

Hexagon screwdriver



BE-8702

BE-8702 - BE-8710



mm		
2x100	5	BE-8702
2,5x100	5	BE-8725
3x100	5	BE-8703
4x100	5	BE-8704
5x100	5	BE-8705
6x125	5	BE-8706
8x150	5	BE-8708
10x150	5	BE-8710

Screwdriver, Robertson



BE-9001 - BE-9003



R - mm		
1x80	1	BE-9001
2x80	5	BE-9002
3x80	5	BE-9003

Torq-set® screwdriver



BE-8080



mm	T		
75	1	5	BE-8080-1
75	2	5	BE-8080-2
75	3	5	BE-8080-3
75	4	5	BE-8080-4
75	5	5	BE-8080-5
75	6	5	BE-8080-6
100	8	5	BE-8080-8
100	10	5	BE-8080-10

Awl Screwdriver



BE-8985



Ø - mm		
6,0 x 100	5	BE-8985

Reamer



BE-8980



Ø - mm		
6,0 x 100	5	BE-8980

Bit holder female hexagon 1/4"



BE-8577



mm		
118	5	BE-8577

Nut drivers with handle and flexible blade



BE-76



mm		
6	5	BE-7606
7	5	BE-7607
8	5	BE-7608

Nut drivers with handle



BE-6400M



mm		
4	5	BE-6400M-4
5	5	BE-6400M-5
5,5	5	BE-6400M-5.5
7	5	BE-6400M-7

Nut drivers with handle, long bore



BE-78



mm		
3	5	BE-7803
3,5	5	BE-7835
4	5	BE-7804
4,5	5	BE-7845
5	5	BE-7805
5,5	5	BE-7855
6	5	BE-7806
7	5	BE-7807
8	5	BE-7808
9	5	BE-7809
10	5	BE-7810
11	5	BE-7811
12	5	BE-7812
13	5	BE-7813
14	5	BE-7814



ERGO® SCREWDRIVERS

Insulated screwdriver



BE-8010S - BE-8065S

mm		
0,4x2,5x75	5	BE-8010S
0,5x3x100	5	BE-8220S
0,6x3,5x100	5	BE-8230S
0,8x4x100	5	BE-8040S
1,0x5,5x125	5	BE-8050S
1,2x6,5x150	5	BE-8255S
1,2x8x175	5	BE-8065S

Insulated screwdriver Torx® head screws



BE-8910S - BE-8930S

T mm		
10-100	5	BE-8910S
15-125	5	BE-8915S
20-125	5	BE-8920S
25-150	5	BE-8925S
30-175	5	BE-8930S

Screwdriver set, 6 piece Pozidriv®



BE-9882

mm PZ		
0,5-0,8-1-1,2/PZ1-2	1	BE-9882

Insulated screwdriver



BE-8600S - BE-8640S

PH-mm		
0-75	5	BE-8600S
1-80	5	BE-8610S
2-100	5	BE-8620S
3-150	5	BE-8630S
4-200	5	BE-8640S

Insulated screwdriver



BE-8725S - BE-8708S

mm		
2,5x100	5	BE-8725S
3x125	5	BE-8703S
4x150	5	BE-8704S
5x175	5	BE-8705S
6x150	5	BE-8706S
8x200	5	BE-8708S

Screwdriver set, 6 piece Pozidriv®, Torx®



BE-9883

PZ TORX®		
1-2-3/10-15-25	1	BE-9883

Insulated screwdriver



BE-8800S - BE-8840S

PZ-mm		
0-75	5	BE-8800S
1-80	5	BE-8810S
2-100	5	BE-8820S
3-150	5	BE-8830S
4-200	5	BE-8840S

Screwdriver set, 6 piece for slotted and Phillips® screws



BE-9881

mm PH		
0,5-0,8-1-1,2/PH1-2	1	BE-9881

Screwdriver set, 5 piece



BE-9885

TORX®		
10-15-20-25-30	1	BE-9885

Screwdriver set, 6 piece, for slotted, Phillips®, Pozidriv® head screws



BE-9886

mm PH PZ		
0,6-1/PH1-2/PZ1-2	1	BE-9886

Screwdriver set , for slotted, Phillips® head screws



BE-9889

PZ TORX®		
1-2/10-15-25	1	BE-9889

Insulated screwdriver set up to 1000 volts, for slotted, Phillips® head screws



BE-9881S

mm PH		
0,5-0,8-1/PH1-2	1	BE-9881S

Insulated screwdriver set , for slotted, Pozidriv® head screws



BE-9882S

mm PZ		
0,5-0,8-1/PZ1-2	1	BE-9882S

Insulated screwdriver set , for slotted, Pozidriv® head screws



BE-9888S

mm PZ		
0,4-0,5-0,8-1, PZO-2-3	1	BE-9888S

TEKNO+ SCREWDRIVERS

Flat screwdriver



020

mm		
0,8x4,0x100	10	020.040.100
1,0x5,5x125	10	020.055.125
1,2x6,5x150	10	020.065.150
1,6x8,0x175	10	020.080.175
1,6x10x200	10	020.100.200
2,0x12x250	10	020.120.250
2,5x14x250	10	020.140.250

Flat tip with round shank



021

mm		
0,8x4,0x100	10	021.040.100
1,0x5,5x125	10	021.055.125
1,2x6,5x150	10	021.065.150
1,6x8,0x175	10	021.080.175
1,6x10x200	10	021.100.200

Straight screwdriver



022

mm		
0,5x3,0x100	10	022.030.100
0,5x3,0x200	10	022.030.200
0,6x3,5x100	10	022.035.100
0,8x4,0x125	10	022.040.125
0,8x4,0x250	10	022.040.250
1,0x5,5x150	10	022.055.150
1,0x5,5x300	10	022.055.300
1,2x6,5x150	10	022.065.150
1,2x6,5x300	10	022.065.300

Phillips® screwdriver



023

PH-mm		
0-75	10	023.000.075
1-100	10	023.001.100
2-125	10	023.002.125
3-150	10	023.003.150
4-200	10	023.004.200

Phillips® tip with round shank



024

PH-mm		
0-75	10	024.000.075
1-100	10	024.001.100
1-250	10	024.001.250
2-125	10	024.002.125
2-300	10	024.002.300
3-150	10	024.003.150





**TEKNO+
SCREWDRIVERS**

Pozidriv® screwdriver



025

PZ-mm		
0-75	10	025.000.075
1-100	10	025.001.100
2-125	10	025.002.125
3-150	10	025.003.150
4-200	10	025.004.200

Pozidriv® tip with round shank



026

PZ-mm		
0-75	10	026.000.075
1-100	10	026.001.100
1-250	10	026.001.250
2-125	10	026.002.125
2-300	10	026.002.300
3-150	10	026.003.150

Torx® screwdriver



027

T		
6-75	10	027.006.075
7-75	10	027.007.075
8-75	10	027.008.075
9-75	10	027.009.075
10-75	10	027.010.075
15-100	10	027.015.100
20-100	10	027.020.100
25-125	10	027.025.125
27-125	10	027.027.125
30-150	10	027.030.150
40-150	10	027.040.150

Tamper resistant Torx® tip hexagonal shank



028

T tamper r.		
10-75	5	028.010.075
15-100	5	028.015.100
20-100	5	028.020.100
25-125	5	028.025.125
27-125	5	028.027.125
30-150	5	028.030.150
40-150	5	028.040.150

Hexagonal Ball tip screwdriver



029

mm		
2x100	10	029.020.100
2,5x100	10	029.025.100
3x100	10	029.030.100
4x100	10	029.040.100
5x100	10	029.050.100
6x125	10	029.060.125

Nut driver with handle



030

mm		
4x125	5	030.040.125
4,5x125	5	030.045.125
5x150	5	030.050.150
5,5x150	5	030.055.150
6x150	5	030.060.150
7x150	5	030.070.150
8x150	5	030.080.150
9x150	5	030.090.150
10x150	5	030.100.150
13x150	5	030.130.150
14x150	5	030.140.150

Robertson screwdriver



031

mm		
1x100	10	031.001.100
2x125	10	031.002.125
3x150	10	031.003.150

Magnetic bit holder



032.1/4

Hex.		
1/4	5	032.1/4.125

Bit holder flexible blade



032

Hex.		
1/4"	1	032.001.125

Bit holder set



232

Bits	Hex		
30	1/4	3	232.030

Through blade flat tip with hex shank



038

mm		
5,5x100	5	038.055.100
6,5x125	5	038.065.125
8,0x150	5	038.080.150
10x175	5	038.100.175
12x200	5	038.120.200
14x200	5	038.140.200

Through blade Phillips® tip with hexagonal shank



039

PH-mm		
1-100	5	039.001.100
2-125	5	039.002.125
3-150	5	039.003.150
4-200	5	039.004.200

Through blade Pozidriv® tip with hexagonal shank



040

PZ-mm		
1-100	5	040.001.100
2-125	5	040.002.125
3-150	5	040.003.150

Tekno plus set through blade, 6 pieces



202.020

Pcs.		
5,5-6,5-8,0 PH1-2-3	1	202.020

Tekno plus set through blade, 6 pieces



202.021

Pcs.		
5,5-6,5-8,0 PZ1-2-3	1	202.021

Insulated straight tip screwdriver



033

mm		
0,5x3,0x100	10	033.030.100
0,6x3,5x100	10	033.035.100
0,8x4,0x100	10	033.040.100
1,0x5,5x125	10	033.055.125
1,2x6,5x175	10	033.065.150
1,2x8,0x175	10	033.080.175
1,6x10x200	10	033.100.200

Insulated Phillips® tip screwdriver



034

PH-mm		
0-100	10	034.000.100
1-150	10	034.001.150
2-175	10	034.002.175
3-200	10	034.003.200

Insulated Pozidriv® tip screwdriver



035

PZ-mm		
0x100	10	035.000.100
1x150	10	035.001.150
2x175	10	035.002.175
3x200	10	035.003.200

Insulated nut driver



036

Hex.		
5,5	5	036.055.125
6,0	5	036.060.125
7,0	5	036.070.125
8,0	5	036.080.125
10	5	036.100.125
13	5	036.130.125

Tekno plus set, 6 pieces



202.005

Pcs.		
3,0-4,0-5,5-6,5 PH1-2	1	202.005

Tekno plus set, 6 pieces



202.006

Pcs.		
3,0-4,0-5,5-6,5 PZ1-2	1	202.006

Tekno plus set, 7 pieces



202.007

Pcs.		
3,0-4,0-5,5-6,5-8 PH1-2	1	202.007





**TEKNO+
SCREWDRIVERS**

Tekno plus set, 7 pieces





202.008  

Pcs.  
3,0-4,0-5,5-6,5 PZ1-2 1 202.008

Teknoplus insulated screwdriver set





202.035    

+ tester Pcs.  
PH0,1,2 3,0-4,0-5,5 1 202.035

Tekno insulated screwdrivers set
7 pieces in zip case





202.032    

Pcs.  
3,0-4,0-5,5-6,5 PZ1-2-3 1 202.032

Insulated Tekno+ sets







202.030    

Pcs.  
3,0-4,0-5,5-6,5 PH0-1-2 1 202.030

**Screwdriver set
7 pieces in zip case**





202.013  

Pcs.  
3,0-4,0-5,5-6,5-8 PH1-2 1 202.013

Interchangeable blades set





350.011

Pcs.  
11 3 350.011

Insulated screwdriver set, 7 pieces





202.031    

Pcs.  
3,0-4,0-5,5 PZ0-1-2 1 202.031

**Screwdrivers set
7 pieces in zip case**





202.033    

Pcs.  
3,0-4,0-5,5-6,5 PH0-1-2 1 202.033

Interchangeable blades in wallet



350.008.1

Pcs.  
8 4 350.008.1

Interchangeable blades in wallet



350.008.2

Pcs.		
8	4	350.008.2

8000-SERIES

Blade through screwdriver, for slotted head screws



9715

mm		
2,5x14x250	5	9715-14-250

Combination screwdriver with reversible blades



8052

mm		
1.0x6.0x80	5	8052

800-SERIES

Screwdriver for slotted screws



811

mm		
1.0x5.5x25	10	811-5,5-25
1.0x5.5x100	10	811-5.5-100
1.0x5.5x125	10	811-5.5-125
1.2x6.5x25	10	811-6.5-25
1.2x6.5x125	10	811-6.5-125
1.2x6.5x150	10	811-6.5-150
1.6x8.0x150	10	811-8-150
1.6x10x200	10	811-10-200
1.0x5.5x25	1	SB811-5,5-25
1.0x5.5x100	1	SB811-5,5-100
1.0x5.5x125	1	SB811-5,5-125
1.2x6.5x25	1	SB811-6,5-25
1.2x6.5x125	1	SB811-6,5-125
1.2x6.5x150	1	SB811-6,5-150
1.2x8.0x150	1	SB811-8-150
1.6x10x200	1	SB811-10-200

Electrician's screwdriver for slotted screws



813

mm		
0,4x2,5x75	10	813-2,5-75
0,5x3,0x75	10	813-3-75
0,5x3,0x100	10	813-3-100
0,6x3,5x100	10	813-3,5-100
0,8x4,0x100	10	813-4-100
0,8x4,0x125	10	813-4-125
1,0x5,5x150	10	813-5,5-150
0,8x4,0x125	1	SB813-4-125
1,0x5,5x150	1	SB813-5,5-150
0,4x2,5x75	1	SB813-2,5-75
0,5x3,0x75	1	SB813-3-75
0,5x3,0x100	1	SB813-3-100
0,6x3,5x100	1	SB813-3,5-100
0,8x4,0x100	1	SB813-4-100

Screwdriver for Phillips® head screws



815

PH - mm		
PH 0 x 75	10	815-0-75
PH 1 x 25	10	815-1-25
PH 1 x 100	10	815-1-100
PH 2 x 25	10	815-2-25
PH 2 x 125	10	815-2-125
PH 3 x 150	10	815-3-150
PH 0 x 75	1	SB815-0-75
PH 1 x 25	1	SB815-1-25
PH 1 x 100	1	SB815-1-100
PH 2 x 25	1	SB815-2-25
PH 2 x 125	1	SB815-2-125
PH 3 x 150	1	SB815-3-150

Screwdriver for Pozidriv® head screws



816

PZ - mm		
PZ 0 x 75	10	816-0-75
PZ 1 x 25	10	816-1-25
PZ 1 x 100	10	816-1-100
PZ 2 x 25	10	816-2-25
PZ 2 x 125	10	816-2-125
PZ 3 x 150	10	816-3-150
PZ 0 x 75	1	SB816-0-75
PZ 1 x 100	1	SB816-1-100
PZ 2 x 25	1	SB816-2-25
PZ 2 x 125	1	SB816-2-125
PZ 3 x 150	1	SB816-3-150



8000-SERIES

Screwdriver for Torx® head screws



818

T mm		
T6 x 75	10	818-6-75
T7 x 75	10	818-7-75
T8 x 75	10	818-8-75
T9 x 75	10	818-9-75
T10 x 75	10	818-10-75
T15 x 100	10	818-15-100
T20 x 100	10	818-20-100
T25 x 125	10	818-25-125
T30 x 150	10	818-30-150
T6 x 75	1	SB818-6-75
T7 x 75	1	SB818-7-75
T15 x 100	1	SB818-15-100
T20 x 100	1	SB818-20-100

Screwdriver for hexagon socket head screws



819

mm		
2,0 x 100	10	819-2-100
2,5 x 100	10	819-2,5-100
3,0 x 100	10	819-3-100
4,0 x 100	10	819-4-100
5,0 x 100	10	819-5-100
6,0 x 125	10	819-6-125
8,0 x 150	5	819-8-150

Insulated screwdriver , for slotted head screw



813VDE

mm		
0,5x3,0x100	10	813VDE-3-100
0,6x3,5x100	10	813VDE-3,5-100
0,8x4,0x100	10	813VDE-4-100
1,0x5,5x125	10	813VDE-5,5-125
1,2x6,5x150	10	813VDE-6,5-150
1,2x8,0x175	10	813VDE-8-175
1,6x10x200	10	813VDE-10-200
2,0x12x200	10	813VDE-12-200
0,5x3,0x100	1	SB813VDE-3-100
0,6x3,5x100	1	SB813VDE-3,5-100
0,8x4,0x100	1	SB813VDE-4-100
1,0x5,5x125	1	SB813VDE-5,5-125
1,2x6,5x150	1	SB813VDE-6,5-150
1,2x8,0x175	1	SB813VDE-8-175

Insulated screwdriver for Phillips® head screws



815VDE

PH mm		
PH 0 x 100	10	815VDE-0-100
PH 1 x 150	10	815VDE-1-150
PH 2 x 175	10	815VDE-2-175
PH 3 x 200	10	815VDE-3-200
PH 4 x 200	10	815VDE-4-200
PH 0 x 100	1	SB815VDE-0-100
PH 1 x 150	1	SB815VDE-1-150
PH 2 x 175	1	SB815VDE-2-175
PH 3 x 200	1	SB815VDE-3-200

Insulated screwdriver for Pozidriv® head screws



816VDE

PZ mm		
PZ 0 x 100	10	816VDE-0-100
PZ 1 x 150	10	816VDE-1-150
PZ 2 x 175	10	816VDE-2-175
PZ 3 x 200	10	816VDE-3-200
PZ 0 x 100	1	SB816VDE-0-100
PZ 1 x 150	1	SB816VDE-1-150
PZ 2 x 175	1	SB816VDE-2-175

Insulated nut driver



817V

mm	
6	5 817V-6
7	5 817V-7
8	5 817V-8
10	5 817V-10
13	5 817V-13

Awl screwdriver



814

Ø mm	
6,0 x 100	10 814-100
6,0 x 100	1 SB814-100

Reamer



817

Ø mm	
6,0 x 100	10 817-100
6,0 x 100	1 SB817-100

Screwdriver set, 4 piece, for slotted, Phillips® head screws



800-4

mm/PH	
4,0-5,5/PH1-2	1 800-4

Screwdriver set, 6 piece, slotted, Phillips® head screws



804-6

mm/PH	
3-4-5-6,5 PH1-2	1 804-6

Screwdriver set, 6 pieces, Slotted, Phillips® and Pozidriv® head screws



805-6   

mm/PH/PZ

3-4 PH1-2 PZ1-2



1 805-6

Screwdriver set, 9 pieces, Slotted, Phillips® head screws



808-9  

PH mm

0-1-2-3 3-4-5-5-6-5-8



1 808-9

Insulated screwdriver set, 5 pieces, Slotted, Pozidriv® head screws



820VDE    

mm/PZ

3-4-5-5 PZ1-2



1 820VDE-5

Screwdriver set, 6 pieces, Slotted Pozidriv® head screws



806-6  

mm/PZ

3-4-5-6,5 PZ1-2



1 806-6

Screwdriver set, 10 pieces



808-10    

Piece

3,5 PH2 PZ1-2 T15-20-25



1 808-10

Insulated screwdriver, 5 pieces, Slotted, Phillips® head screws



822VDE    

mm/PH

3,0-4,0-5,5/PH1-2



1 822VDE-5

Screwdriver set, 5 pieces, Pozidriv® Torx® head screws



807-5  

PZ/TX


PZ1-2/T10-15-25



1 807-5

Screwdriver set, 5 pieces, Torx® head screws



810-5 

TORX®

T10-15-20-25-30



1 810-5



PREMIUM

Flat screwdriver



190 

mm

mm		
0,8x4,0x75	10	190.040.075
0,8x4,0x100	10	190.040.100
1,0x5,5x100	10	190.055.100
1,0x5,5x125	10	190.055.125
1,2x6,5x125	10	190.065.125
1,2x6,5x150	10	190.065.150
1,6x8,0x150	10	190.080.150
1,6x8,0x175	10	190.080.175
1,6x10x200	10	190.100.200
2,0x12x250	10	190.120.250



PREMIUM

Straight screwdriver



191

mm		
0,4x2,5x75	10	191.025.075
0,5x3,0x75	10	191.030.075
0,5x3,0x100	10	191.030.100
0,5x3,0x200	10	191.030.200
0,6x3,5x100	10	191.035.100
0,8x4,0x100	10	191.040.100
0,8x4,0x125	10	191.040.125
0,8x4,0x250	10	191.040.250
1,0x5,5x125	10	191.055.125
1,0x5,5x150	10	191.055.150
1,0x5,5x300	10	191.055.300
1,2x6,5x150	10	191.065.150
1,2x6,5x300	10	191.065.300

Phillips® screwdriver



192

PH - mm		
0-75	10	192.000.075
0-200	10	192.000.200
1-100	10	192.001.100
1-250	10	192.001.250
2-125	10	192.002.125
2-300	10	192.002.300
3-150	10	192.003.150
4-200	10	192.004.200

Pozidriv® screwdriver



193

PZ - mm		
0-75	10	193.000.075
1-100	10	193.001.100
2-125	10	193.002.125
3-150	10	193.003.150
4-200	10	193.004.200

Torx® screwdriver



194

T		
4x75	10	194.004.075
5x75	10	194.005.075
6x75	10	194.006.075
7x75	10	194.007.075
8x75	10	194.008.075
9x75	10	194.009.075
10x75	10	194.010.075
15x100	10	194.015.100
20x100	10	194.020.100
25x125	10	194.025.125
27x125	10	194.027.125
30x150	10	194.030.150
40x150	10	194.040.150

Tamper resistant Torx® screwdriver



141

T		
7x75	5	141.007.075
8x75	5	141.008.075
9x75	5	141.009.075
10x75	5	141.010.075
15x100	5	141.015.100
20x100	5	141.020.100
25x125	5	141.025.125
27x125	5	141.027.125
30x150	5	141.030.150
40x150	5	141.040.150

Premium stubby screwdriver



195

PH - mm		
1x25	10	195.001.025
2x25	10	195.002.025

Flat screwdriver stubby



195

mm		
5,5x25	10	195.055.025
6,0x25	10	195.060.025

Pozidriv® screwdriver stubby



195

PZ - mm		
1x25	10	195.901.025
2x25	10	195.902.025

Hexagonal ball tip screwdriver



143

mm		
2,5x100	10	143.025.100
3,0x100	10	143.030.100
4,0x100	10	143.040.100
5,0x100	10	143.050.100
6,0x125	10	143.060.125

Nut driver



198

mm		
3,2x125	10	198.032.125
4,0x125	10	198.040.125
4,5x125	10	198.045.125
5,0x150	5	198.050.150
5,5x150	5	198.055.150
6,0x150	5	198.060.150
7,0x150	5	198.070.150
8,0x150	5	198.080.150
9,0x150	5	198.090.150
10x150	5	198.100.150
11x150	5	198.110.150
12x150	5	198.120.150
13x150	5	198.130.150
14x150	5	198.140.150

Magnetic bit holder



705

Hex.		
1/4	5	705.1/4.125

Premium insulated screwdriver with straight tip



196



mm		
0,4x2,5x100	10	196.025.100
0,5x3,0x100	10	196.030.100
0,6x3,5x100	10	196.035.100
0,8x4,0x100	10	196.040.100
1,0x5,5x125	10	196.055.125
1,2x6,5x150	10	196.065.150
1,2x8,0x175	10	196.080.175
1,6x10x200	10	196.100.200
2,0x12x200	10	196.120.200

Premium insulated screwdriver with Phillips® tip



197



PH - mm		
0-100	10	197.000.100
1-150	10	197.001.150
2-175	10	197.002.175
3-200	10	197.003.200
4-200	10	197.004.200

Premium insulated screwdriver with Pozidriv® tip



142



PZ - mm		
0-100	10	142.000.100
1-150	10	142.001.150
2-175	10	142.002.175
3-200	10	142.003.200

Premium insulated screwdriver with hexagonal tubular nut driver



199



mm		
5,0x125	5	199.050.125
5,5x125	5	199.055.125
6,0x125	5	199.060.125
7,0x125	5	199.070.125
8,0x125	5	199.080.125
9,0x125	5	199.090.125
10x125	5	199.100.125
11x125	5	199.110.125
12x125	5	199.120.125
13x125	5	199.130.125

Premium set in blister, 6 pieces



219.100



Pcs.		
3,0-4,0-5,5-6,5 PH0-1	1	219.100

Premium set in blister, 7 pieces



219.101



Pcs.		
3-4-5-5,6,5-8 PH1-2	1	219.101

Premium set in blister, 8 pieces



219.102



Pcs.		
5,5-6,5-8,0 PH0-1-2	1	219.102

Premium set in blister, 7 pieces



219.105



Pcs.		
3,0-4,0-5,5-6,5-8 PZ1-2	1	219.105

Premium set in blister, 5 pieces



219.109



Pcs.		
3,0-4,0-6,5 PH1-2	1	219.109





PREMIUM

Premium Torx® set in blister 5 pieces



219.110



Pcs.



1 219.110

T-10,20,25,30,40

Premium set of 8 pieces



219.002



Pcs.



1 219.002

5,5-6,5-8,0 PH0-1-2

Premium set of 7 pieces insulated screwdrivers



219.600



Pcs.



1 219.600

3,0-4,0-5,5-6,5 PH0-1-2

Premium set of 6 pieces



219.000



Pcs.



1 219.000

3,0-4,0-5,5-6,5 PH0-1

Premium set of 8 pieces



219.003



Pcs.



1 219.003

5,5-6,5-8,0 PZ0-1-2

Premium set of 7 pieces Insulated screwdrivers



219.601



With tester

Pcs.



1 219.601

PH-0,1,2 3,0-4,0-5,5

Premium set of 7 pieces



219.001



Pcs.



1 219.001

3,0-4,0-5,5-6,5-8 PH1-2

Premium set of 7 pieces



219.005



Pcs.



1 219.005

3-4-5,5-6,5-8 PZ1-2

Premium set of 7 pieces Insulated screwdrivers



219.605



Pcs.



1 219.605

3,0-4,0-5,5-6,5 PZ-0,1,2

Premium screwdriver set: 7 pieces in zip case



219.008

Pcs.		
3-4-5-5-6-5-8 PH1-2	1	219.008

Premium insulated screwdriver set: 7 pieces in zip case



219.602

Pcs.		
3-4-5-5-6,5 PZ 0,1,2	1	219.602

600-SERIES

Flat screwdriver



611

mm		
0,6x3,5x50	10	611-3.5-50
0,6x3,5x75	10	611-3.5-75
0,6x3,5x100	10	611-3.5-100
0,8x4,0x75	10	611-4-75
0,8x4,0x100	10	611-4-100
1,0x5,5x125	10	611-5.5-125
1,2x6,5x25	10	611-6.5-25
1,2x6,5x125	10	611-6.5-125
1,2x6,5x150	10	611-6.5-150
1,2x8,0x150	10	611-8-150
1,2x8,0x175	10	611-8-175
1,6x10x200	10	611-10-200

Straight screwdriver



613

mm		
0.5*3.0*75	10	613-3-75
0.5*3.0*100	10	613-3-100
0.6*3.5*100	10	613-3.5-100
0.8*4.0*100	10	613-4-100
0.8*4.0*125	10	613-4-125
1.0*5.5*125	10	613-5.5-125
1.2*5.5*150	10	613-5.5-150
1.2*6.5*150	10	613-6.5-150

Pozidriv® screwdriver



616

PZ		
0	10	616-0-75
1	10	616-1-100
2	10	616-2-125
3	10	616-3-150

Phillips® screwdriver



615

PH		
0	10	615-0-75
1	10	615-1-100
2	10	615-2-25
2	10	615-2-125
3	10	615-3-150

Torx® screwdriver



618

Torx®		
T-10	10	618-10-75
T-15	10	618-15-100
T-20	10	618-20-100
T-25	10	618-25-125
T-27	10	618-27-125
T-30	10	618-30-150
T-40	10	618-40-150

Round AWL screwdriver



614

mm		
100	10	614-100

Square AWL screwdriver



617

mm		
100	10	617-100

Insulated straight screwdriver 600 series



623 EN60900

mm		
0.5x3.0x100	10	623-3-100
0.6x3.5x100	10	623-3.5-100
0.8x4.0x100	10	623-4-100
1.0x5.5x125	10	623-5.5-125
1.2x6.5x150	10	623-6.5-150

600-SERIES

Insulated Phillips® screwdriver 600 series





625 EN60900  

PH		
0	10	625-0-100
1	10	625-1-150
2	10	625-2-175

Screwdriver set
Slotted 3, 5.5 and PH 1





600-3

Pcs.		
3	1	600-3

Screwdriver set
Slotted 3, 5.5, 6.5 and PH 1





602-4

Pcs.		
4	1	602-4

Screwdriver set
Slotted 3, 4, 6.5 and PH 1, 2





604-5

Pcs.		
5	1	604-5

Screwdriver set
Slotted 3, 4, PH1, PH2, PZ1, PZ2





605-6

Pcs.		
6	1	605-6

Screwdriver set
Slotted 3, 4, 5.5, 6.5 and PH 1, 2





606-6

Pcs.		
6	1	606-6

Screwdriver set
Slotted 3, 4, 5.5, 6.5 and PH 0, 1





608-6

Pcs.		
6	1	608-6

Screwdriver set
Slotted 3, 4, 5.5, 6.5 and PZ 1, 2





610-6

Pcs.		
6	1	610-6

Screwdriver set
Torx® T10, T15, T20, T25, T30



612-5

Pcs.		
5	1	612-5

Insulated screwdriver set, slotted 3, 4, 5.5, 6.5 and PH 1, 2



620-6 EN60900 1000V

Pcs.		
6	1	620-6

9000-SERIES

Screwdriver for slotted head screws, with wooden handle



9710

mm		
0,6x3,5x75	10	9710-3.5-75
1x5,5x100	10	9710-5.5-100
1,2x6,5x125	10	9710-6.5-125
1,2x8x150	5	9710-8-150
1,6x10x175	5	9710-10-175

Screwdriver with wooden handle, Phillips® head screws



9778

PH mm		
1-80	10	9778-1
2-110	10	9778-2
3-150	5	9778-3

Screwdriver with wooden handle, Pozidriv® head screws



9778PZD

PZ mm		
1-80	10	9778PZD-1
2-110	10	9778PZD-2

Screwdriver set, 5 piece, wooden handle, slotted, Phillips® head screws



9710/S5

mm PH		
0,8-1-1,2/PH1-2	1	9710/S5

Screwdriver set, 6 piece, wooden handle, slotted, Phillips® head screws



9710/S6

mm PH		
0,8-1-1,2-1,2/PH1-2	1	9710/S6

RATCHETING SCREWDRIVERS

Ratcheting screwdriver



808050

L mm	Drive		
255	1/4"	1	808050

Pistol handle ratcheting screwdriver



808050P

L mm	Drive		
260	1/4"	1	808050P

25 Piece pistol grip ratcheting screwdriver set



808050P-

mm	Pcs.		
285x158x70	25	1	808050P-25

LED light ratcheting screwdriver



808050L

L mm	Drive		
250	1/4	1	808050L
AG-3, 4.5 V	3 bat.	1	808050L-SP1

Stubby T handle ratcheting screwdriver



808050TS

L mm	Drive		
95	1/4"	1	808050TS



RATCHETING SCREWDRIVERS

Stubby ratcheting screwdriver



808050S

L mm	Drive		
95	1/4"	1	808050S

18 and 22 pieces. stubby ratcheting screwdriver sets



808050S-

Sizes	Pcs.		
195x130x46	18	1	808050S-18
195x130x46	22	1	808050S-22

PRECISION SCREWDRIVERS

Flat screwdriver



700

mm		
1x50	5	700-1-50
1.2x50	5	700-1.2-50
1.5x50	5	700-1.5-50
1.8x50	5	700-1.8-50
2x50	5	700-2-50
2x75	5	700-2-75
2.5x100	5	700-2.5-100
2.5x50	5	700-2.5-50
3x100	5	700-3-100
3x200	5	700-3-200
3x50	5	700-3-50
3.5x75	5	700-3.5-75
4x75	5	700-4-75
4x250	5	700-4-250

Phillips® screwdriver



701

PH		
PH 00	5	701-00-50
PH 0	5	701-0-50
PH 0-200	5	701-0-200
PH 1	5	701-1-75
PH 1	5	701-1-250

Pozidriv® screwdriver



702

PZ		
PZ 0	5	702-0-50
PZ 1	5	702-1-75

Torx® screwdriver



703

mm		
T-4	5	703-4-50
T-5	5	703-5-50
T-6	5	703-6-50
T-7	5	703-7-50
T-8	5	703-8-50
T-9	5	703-9-50
T-10	5	703-10-50
T-15	5	703-15-75
T-20	5	703-20-75

Hexagonal ball screwdrivers



704

mm		
1.5x50	5	704-1.5-50
2X50	5	704-2-50
2.5X50	5	704-2.5-50
3X75	5	704-3-75
3/32X75	5	704Z-3/32

Screwdriver set, 6 piece



706-1

mm/PH		
1.5-2-2.5-3/PH0-1	1	706-1

Screwdriver set, 6 piece



706-2

mm/PH		
1-1.2-1.5-1.8/PH00-0	1	706-2

Screwdriver set, 6 piece



706-3

mm/PZ		
1-1.2-1.5-1.8/PZ 2-2.5	1	706-3

Screwdriver set, 7 piece



706-4

mm/PH/T		
1.5-2.5-3.5/PH0-1/T6-8	1	706-4

Screwdriver set, 24 piece, for slotted, Phillips®, Pozidriv®, Torx®, hexagon head screws



706-5

1	706-5

ELECTRONICS SCREWDRIVERS

Electronic screwdriver for slotted head and grub screws



7372I

mm		
0,4x2x63	10	7372I-2-63
0,4x2,5x75	10	7372I-2.5-75
0,5x3x80	10	7372I-3-80

T-HANDLE

Flat screwdriver



900T

mm		
2x100	5	900T-020-100
2.5x100	5	900T-025-100
3x100	5	900T-030-100
4x150	5	900T-040-150
5x150	5	900T-050-150
6x200	5	900T-060-200
8x200	5	900T-080-200
10x200	5	900T-100-200

T handle bit holder



904T

1/4"	5 904T-060-150

T handle Socket Driver 1/4"



905T

1/4"	5 905T-060-100

Torx® screwdriver



901T

T		
T-6	5	901T-006-100
T-7	5	901T-007-100
T-8	5	901T-008-100
T-9	5	901T-009-100
T-10	5	901T-010-100
T-15	5	901T-015-150
T-20	5	901T-020-150
T-25	5	901T-025-150
T-27	5	901T-027-150
T-30	5	901T-030-200
T-40	5	901T-040-200
T-45	5	901T-045-200
T-50	5	901T-050-200

Torx® screwdriver



902T


mm		
5	5	902T-050-150
5.5	5	902T-055-150
6	5	902T-060-150
7	5	902T-070-175
8	5	902T-080-175
9	5	902T-090-175
10	5	902T-100-175
11	5	902T-110-175
12	5	902T-120-175
13	5	902T-130-175





T-HANDLE

Screwdriver set, 6 piece for slotted head screws




903T-1 

Pcs.		
6	1	903T-1

Screwdriver set, 6 piece for Torx® head screws






903T-2 

Pcs.		
6	1	903T-2

Screwdriver set, 6 piece for Torx® head screws







903T-3 



Pcs.		
6	1	903T-3

SPECIAL SCREWDRIVERS

Insulated Screwdriver, Voltage Tester mm









806 EN60900    

mm		
0,6x3x65	6	806-1-1
0,6x3,5x100	6	806-1-2

Insulated screwdriver, voltage tester








8045LVDE EN60900    

mm		
0,5x3,5x42	10	8045LVDE

Insulated screwdriver, voltage tester



8045VDE EN60900    

mm		
0,5x3,5x77	10	8045VDE

Insulated screwdriver, voltage tester




806

mm		
3x45	6	806-1-3

Bit holder





808050A/TORX

L mm	Drive		
230	1/4"	50	808050A
230	1/4"	50	808050TORX

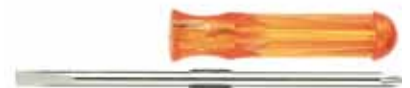
Bit holder





6306

Length mm		
100-190	1	6306-5/32

Reversible screwdriver slotted 6





1019

PH	mm		
PH-2	6	10	1019

Reversible screwdriver slotted 4,5



1067

PH	mm		
PH-1	4,5	10	1067

Reversible screwdriver slotted 6



135

PH	mm		
PH-2	6	10	13561

Reversible blades set 6 blades



6

PH	mm		
PH-0,1,2	3,5-5,0-6,5	1	6

Trimming tool



2252

mm		
170	1	2252

Magnetising and demagnetising box



M780

mm		
50x52x29	1	M780

Magnetizer - demagnetizer



M781

mm		
320x110x30	5	M781

OFFSET/HEXAGON SCREWDRIVERS

For hexagon socket head screws, metric, steel VANADIUM - EXTRA



1997M

mm		
1,5	10	1997M-1.5
2	10	1997M-2
2,5	10	1997M-2.5
3	10	1997M-3
3,5	10	1997M-3.5
4	10	1997M-4
4,5	10	1997M-4.5
5	10	1997M-5
6	10	1997M-6
7	10	1997M-7
8	10	1997M-8
9	10	1997M-9
10	10	1997M-10
11	10	1997M-11
12	5	1997M-12
14	5	1997M-14
16	1	1997M-16
17	1	1997M-17
19	1	1997M-19

Double offset screwdrivers, slotted head screws



2047

mm		
0,8x4	5	2047-0.8-4
1x5,5	5	2047-1-5.5
1,2x8	5	2047-1.2-8
1,6x10	1	2047-1.6-10
2x12	1	2047-2-12

Double offset screwdriver, Phillips® head screws



2047PR

PH		
1-2	5	2047PR-1-2
3-4	5	2047PR-3-4

For hexagon socket head screws, black version



1995M

mm		
1.5	10	1995M-1.5
2.0	10	1995M-2
2.5	10	1995M-2,5
3.0	10	1995M-3
4.0	10	1995M-4
5.0	10	1995M-5
6.0	10	1995M-6
7.0	10	1995M-7
8.0	10	1995M-8
9.0	10	1995M-9
10	10	1995M-10
12	10	1995M-12
14	10	1995M-14
17	10	1995M-17
19	10	1995M-19
22	10	1995M-22





OFFSET/HEXAGON SCREWDRIVERS

For hexagon socket head screws, black



1995LM

mm		
1.5	10	1995LM-1.5
2	10	1995LM-2
2.5	10	1995LM-2,5
3.0	10	1995LM-3
4.0	10	1995LM-4
5.0	10	1995LM-5
6.0	10	1995LM-6
7.0	10	1995LM-7
8.0	10	1995LM-8
9.0	10	1995LM-9
10	10	1995LM-10
12	10	1995LM-12
14	10	1995LM-14

For hexagon socket head screws, black version



1995Z

inch		
1/16	10	1995Z-1/16
5/64	10	1995Z-5/64
3/32	10	1995Z-3/32
1/8	10	1995Z-1/8
5/32	10	1995Z-5/32
3/16	10	1995Z-3/16
7/32	10	1995Z-7/32
1/4	10	1995Z-1/4
5/16	10	1995Z-5/16
3/8	10	1995Z-3/8
7/16	10	1995Z-7/16
1/2	10	1995Z-1/2
5/8	10	1995Z-5/8
3/4	10	1995Z-3/4

For ball end, black



1996M

mm		
1.5	10	1996M-1.5
2.0	10	1996M-2
2.5	10	1996M-2.5
3.0	10	1996M-3
4.0	10	1996M-4
5.0	10	1996M-5
6.0	10	1996M-6
8.0	10	1996M-8
10	10	1996M-10
12	10	1996M-12

For Torx® head screws, black version



1995TORX

Torx®		
T-6	5	1995TORX-T6
T-7	5	1995TORX-T7
T-8	5	1995TORX-T8
T-9	5	1995TORX-T9
T-10	5	1995TORX-T10
T-15	5	1995TORX-T15
T-20	5	1995TORX-T20
T-25	5	1995TORX-T25
T-27	5	1995TORX-T27
T-30	5	1995TORX-T30
T-40	5	1995TORX-T40
T-45	5	1995TORX-T45
T-50	5	1995TORX-T50

For Torx® ball end, black



1996TORX

Torx®		
9	5	1996TORX-T9
10	5	1996TORX-T10
15	5	1996TORX-T15
20	5	1996TORX-T20
25	5	1996TORX-T25
27	5	1996TORX-T27
30	5	1996TORX-T30
40	5	1996TORX-T40
45	5	1996TORX-T45
50	5	1996TORX-T50

For Torx® tamper resistant, black version



1986TORX

Torx®		
T-9	5	1986TORX-T9
T-10	5	1986TORX-T10
T-15	5	1986TORX-T15
T-20	5	1986TORX-T20
T-25	5	1986TORX-T25
T-27	5	1986TORX-T27
T-30	5	1986TORX-T30
T-40	5	1986TORX-T40

For Torx® Plus, black



1976TORX

Torx®		
IP-6	5	1976TORX-T6
IP-7	5	1976TORX-T7
IP-8	5	1976TORX-T8
IP-9	5	1976TORX-T9
IP-10	5	1976TORX-T10
IP-15	5	1976TORX-T15
IP-20	5	1976TORX-T20
IP-25	5	1976TORX-T25
IP-27	5	1976TORX-T27
IP-30	5	1976TORX-T30
IP-40	5	1976TORX-T40

For hexagon socket head screws, nickel version



1998M

mm		
1.5	10	1998M-1.5
2.0	10	1998M-2
2.5	10	1998M-2.5
3.0	10	1998M-3
4.0	10	1998M-4
5.0	10	1998M-5
6.0	10	1998M-6
7.0	10	1998M-7
8.0	10	1998M-8
9.0	5	1998M-9
10.0	5	1998M-10
12.0	5	1998M-12
14.0	1	1998M-14
17.0	1	1998M-17
19.0	1	1998M-19
22.0	1	1998M-22

Hexagon screwdriver set, steel VANADIUM - EXTRA



1997M/T

mm		
2-8	1	1997M/7T
1,5-8	1	1997M/10T
2-12	1	1997M/11T

Hexagon screwdriver set, Steel CHROME-VANADIUM



1999M/7H

mm		
2,5-10	1	1999M/7H

Hexagon screwdriver set, steel CHROME-VANADIUM



BE-9765/BE-9770

mm		
1,5-5	3	BE-9765
1,5-10	3	BE-9770

Hexagon screwdriver set, Steel CHROME-VANADIUM



BE-9776/BE-9777

mm		
1,5-6	6	BE-9776
2,5-10	6	BE-9777

Metric sets



1995M/

From/To	Pieces		
2-6	6	1	1995M/6T
2-8	8	1	1995M/8T
2-10	10	1	1995M/10T
2-12	11	1	1995M/11T
2-22	15	1	1995M/15T

For hexagon socket head screws, Steel CHROME-VANADIUM



BE-9775-BE-9785

inch		
5/64-3/16	3	BE-9775
0.050-5/16	3	BE-9780
0.050-3/8	3	BE-9785

Hexagon screwdriver set, Steel CHROME-VANADIUM



BE-9787

inch		
3/32-3/8	6	BE-9787

Torx® sets



1995TORX/

From/To	Pieces		
T-10/T-40	4	1	1995TORX/4T
T-10/T-40	7	1	1995TORX/7T
T-6/T-50	11	1	1995TORX/11T
T-6-T50	13	1	1995TORX/13T

Torx® sets



1986TORX/

Pieces		
7	1	1986TORX/7T



OFFSET/HEXAGON SCREWDRIVERS

Torx® sets



1976TORX/

From/To	Pieces		
IP-10/IP-40	5	1	1976TORX/5T

Torx® sets



1996TORX/

From/To	Pieces		
T-10/T-40	5	1	1996TORX/5T

For Torx® head screws,
Steel VANADIUM-EXTRA



BE-8975

T		
9-40	6	BE-8975

Offset screwdriver set hex nickel
9 pieces



BE-9778

From/To	Pcs.		
1,5-10	9	1	BE-9778

Offset screwdriver set hex black
9 pieces



BE-9578

From/To	Pcs.		
1,5-10	9	1	BE-9578

Offset screwdriver set
hex long black 9 pieces



BE-9588

From/To	Pcs.		
1,5-10	9	1	BE-9588

Offset screwdriver set
hex ball end black 9 pieces



BE-9678

From/To	Pcs.		
1,5-10	9	1	BE-9678

Offset screwdriver set hex
ball end + magnetized black 9 pieces



BE-9688

From/To	Pcs.		
1,5-10	9	1	BE-9688

Offset screwdriver set Torx® black
8 pieces



BE-9575

From/To	Pcs.		
T-9/T-40	8	1	BE-9575

**Offset screwdriver set
Torx® + magnetized black tip 8 pieces**



BE-9585

From/To	Pcs.		
T-9/T-40	9	1	BE-9585

**Offset screwdriver set Torx®
tamper resistant black 8 pieces**



BE-8675

From/To	Pcs.		
T-9/T-40	8	1	BE-8675

**Offset screwdriver set Torx®
ball end black 8 pieces**



BE-9675

From/To	Pcs.		
T-9/T-40	8	1	BE-9675

**Offset screwdriver set Torx®
plus black tip 8 pieces**



BE-7675

From/To	Pcs.		
T-9/T-40	8	1	BE-7675

Metric sets nickel finish



1998M/

From/To	Pcs.		
2-6	6	1	1998M/6T
2-8	8	1	1998M/8T
2-10	10	1	1998M/10T
2-11	11	1	1998M/11T
2-22	15	1	1998M/15T

**Offset screwdriver set hex nickel
9 pieces**



BE-9878

From/To	Pcs.		
1.5-10	9	1	BE-9878

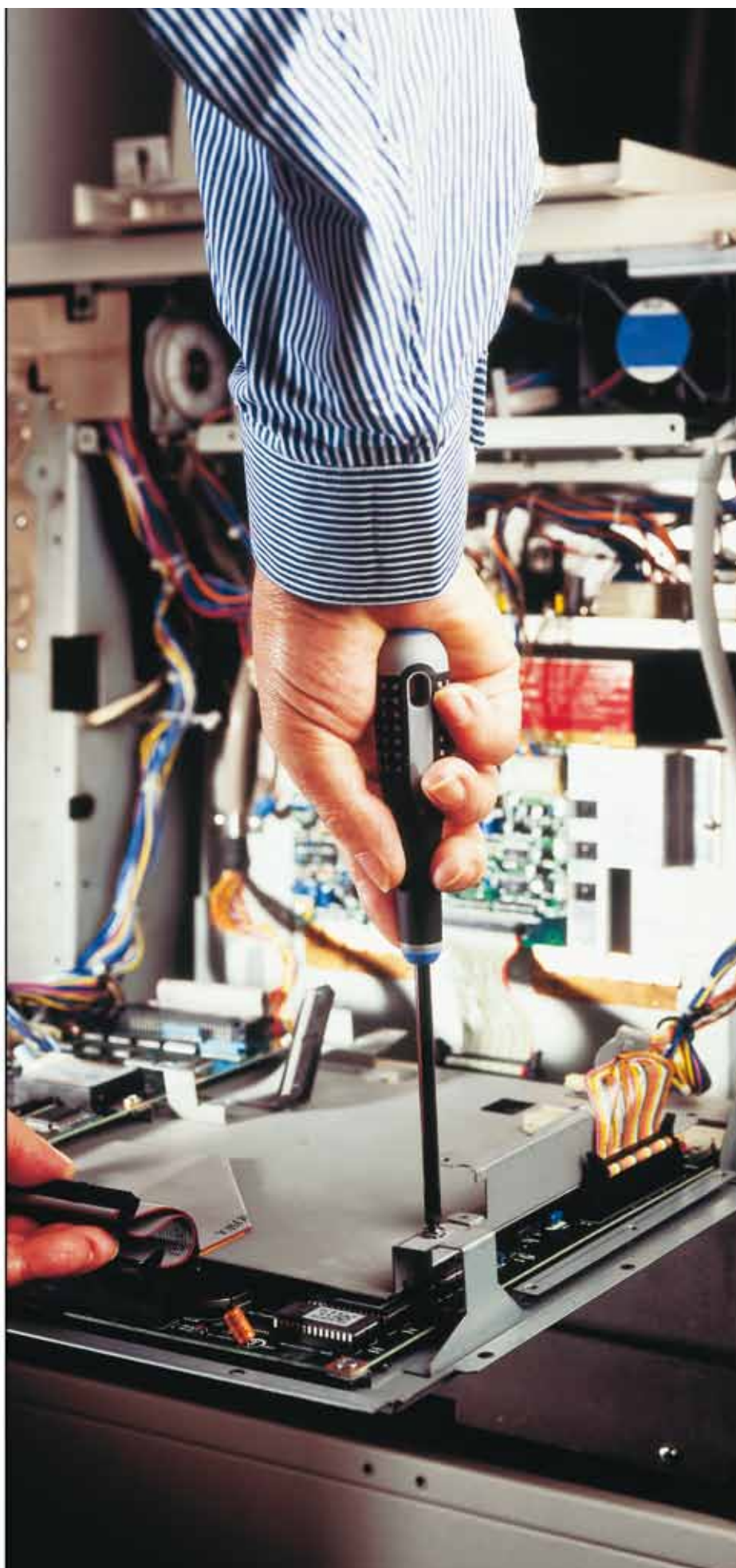
Metric set on ring, nickel finish



1998M/8R

From/To	Pcs.		
2-8	8	1	1998M/8R







Pliers



SIDE CUTTERS

Side cutting pliers with progressive edge for piano wire and softer materials like copper or plastic



2101G ergo®

mm		
125	5	2101G-125
140	5	2101G-140
160	5	2101G-160
180	5	2101G-180
200	5	2101G-200
125	5	2101G-125IP
140	5	2101G-140IP
160	5	2101G-160IP
180	5	2101G-180IP
200	5	2101G-200IP

Side Cutting Plier with Progressive Edges For Piano Wire and Softer Materials like Copper or Plastic



2101G-A ergo®

mm		
140	5	2101G-140A
160	5	2101G-160A
180	5	2101G-180A

High leverage side cutting pliers with progressive edges for piano wire and softer material like plastic or copper



2101G-AHL

mm		
200	5	2101G-200AHL

Chrome plated side cutting pliers with progressive edges for piano wire and softer materials like copper or plastic



2101GC ergo®

mm		
125	5	2101GC-125IP
140	5	2101GC-140IP
160	5	2101GC-160IP
180	5	2101GC-180IP
200	5	2101GC-200IP

Side cutting pliers for plastic flush cut



2101PG ergo®

mm		
160	5	2101PG-160

Side cutting pliers with progressive edges for piano wire and softer materials like copper or plastic



2101D

mm		
125	5	2101D-125
140	5	2101D-140
160	5	2101D-160
180	5	2101D-180
200	5	2101D-200
125	5	2101D-125IP
140	5	2101D-140IP
160	5	2101D-160IP
180	5	2101D-180IP
200	5	2101D-200IP

Side cutting pliers for plastic flush cut, cutting edge at 45°



2145PD

mm		
150	5	2145PD-150

Side cutting pliers for plastic flush cut, cutting plane at 90°



2190PD

mm		
150	5	2190PD-150

Side cutting pliers with progressive edges, 1000v insulated handles for piano wire and softer materials like plastic or copper



2101S EN60900

mm		
140	3	2101S-140
160	3	2101S-160
180	3	2101S-180
200	3	2101S-200

Side cutting pliers, 3 layer insulated for hard wire



2171V EN60900

mm		
160	2	2171V-160
180	2	2171V-180

1000 V Heavy duty side cutting pliers



2191V EN60900

mm		
180	2	2191V-180
200	2	2191V-200

Chrome-plated side cutting pliers for hard steel wire



2666NB-2676NB

mm		
125	1	2666 NB
140	1	2667 NB
160	1	2674 NB
180	1	2676 NB

Chrome-plated side cutting pliers for piano wire



2667B-2678B

mm		
125	1	2667 B
140	1	2674 B
160	1	2676 B
200	1	2678 B

Chrome plated side cutting pliers, 1000v insulated for hard steel wire



2667NVDE-2676NVDE

mm		
140	1	2667 NVDE
160	1	2674 NVDE
180	1	2676 NVDE

Side cutting pliers



2171G

mm		
140	5	2171G-140
160	5	2171G-160
180	5	2171G-180

Power cutter with centric precision cutting edges for piano and soft wire



1520G

mm		
210	5	1520 G

Power cutter with centric precision cutting edges for piano and soft wire



1520D

mm		
210	5	1520 D

END CUTTERS

Black-oxidised end cutting pliers for piano wire



527D

mm		
160	3	527 D-160
200	3	527 D-200

1000 V End cutting pliers



527V



mm		
160	2	527V-160
200	2	527V-200

Chrome-plated side cutting pliers for hard steel wire



2686

mm		
160	1	2686

Black oxidised side cutting pliers for piano wire



1519D

mm		
230	3	1519 D
	1	1519-9

FENCING PLIERS

End cutter, fencing plier, iron wire



2339D

mm		
220	3	2339 D
220	5	2339 DIP

End cutter, fencing plier, iron wire



2339

mm		
220	3	2339-220
220	5	2339-220IP
250	5	2339-250IP
280	5	2339-280IP
300	5	2339-300IP

Pincers, iron wire



541D

mm		
150	5	541 D-150
180	5	541D-180
200	5	541 D-200
225	5	541D-225
250	5	541 D-250



FENCING PLIERS

Nail puller



38

mm		
450	1	38

CABLE CUTTERS

Ratcheting cable cutter for copper and aluminium



2800N-2801N

mm		
170	1	2800 N
230	1	2801 N

Ratcheting cable cutter for copper and aluminium



2804-2805

mm		
250	1	2804
280	1	2805-280

Ratcheting cable cutter for copper and aluminium



2804CC

capacity	mm		
62	440	1	2804CC62
80	560	2	2804CC80

Cable cutting and stripping pliers for copper and aluminium wire



2233D

mm		
160	5	2233 D-160
200	5	2233 D-200
240	5	2233 D-240
160	10	2233D-160IP
200	5	2233D-200IP
240	5	2233D-240IP

1000V Insulated cable cutter



2250V

mm		
170	2	2250V-170

Steel cable cutter



2235-160

mm		
165	1	2235-160

Cable cutter for aluminium and copper



2520

mm		
550	1	2520
	1	2520-SH

Insulated cable cutter for aluminium and copper



2520S

mm		
550	1	2520 S

Copper cable cutter



2620-80

mm		
800	1	2620-80

Steel cable cutter



2720

mm		
600	1	2720
163	1	2720-SH

1000V Cable cutter (copper and aluminium)



2260V

mm		
210	2	2260V-210

WIRE STRIPPERS

Wire stripping pliers copper wire and cable



2223G ergo®

mm		
150	5	2223 G-150

Wire stripping pliers copper wire and cable



2223GC ergo®

mm		
150	5	2223GC-150

Wire stripping pliers copper wire and cable



2223D

mm		
150	5	2223 D-150

1000V insulated wire stripping pliers copper wire and cable



2223S EN60900

mm		
150	3	2223 S-150

1000V insulated wire stripping pliers for copper wire and cable



2223V EN60900

mm		
160	2	2223V-160

Wire stripping pliers for copper wire and cable



3417NFB

mm		
160	1	3417 NF B

Wire stripping pliers for copper wire and cables



3417NF

mm		
160	1	3417 NF

1000V insulated wire stripping pliers for copper wire and cables



3417NFVDE

mm		
160	1	3417 NF VDE

Wire stripping pliers for copper and aluminium wire



3419A

1	3419 A

Wire stripping pliers for copper and aluminium wire



3419B

1	3419 B
1	3419 EB

ROUND NOSE PLIERS

Round nose pliers



2521G ergo®

mm		
140	5	2521 G-140
160	5	2521 G-160 IP

Round nose pliers - chrome-plated



2521GC ergo®

mm		
160	5	2521GC-160



▶ ROUND NOSE PLIERS

Round nose pliers,
PVC coated handles



2521D

mm		
140	5	2521 D-140
160	5	2521D-160

1000 V insulated round nose pliers



2521V

EN60900

mm		
160	2	2521V-160

Round nose pliers - chrome-plated



2727B/2698B

mm		
140	1	2727 B
160	1	2698 B

Round nose pliers - chrome-plated,
PVC coated handles



2727

mm		
140	1	2727

1000V insulated round nose pliers,
chrome-plated



2698VDE

mm		
160	1	2698 VDE

▶ COMBINATION PLIERS

Combination pliers



2628G

mm		
160	5	2628 G-160
180	5	2628 G-180
200	5	2628 G-200
160	5	2628 G-160IP
180	5	2628 G-180IP
200	5	2628G-200IP

Combination pliers-chrome-plated



2628GC

mm		
160	5	2628 GC-160IP
180	5	2628 GC-180IP
200	5	2628 GC-200IP

Combination pliers,
PVC coated handles



2628D

mm		
160		2628 D-160
180		2628 D-180
200		2628 D-200

Combination pliers,
1000v insulated handles



2628S

EN60900

mm		
180	3	2628 S-180
200	3	2628 S-200

Combination pliers, bimaterial handles
reinforced cutting edge



2630GC

mm		
160	5	2630GC-160IP
180	5	2630GC-180IP
200	5	2630GC-200IP

Combination pliers, PVC coated
handles reinforced cutting edges



2630D

mm		
160	5	2630D-160
180	5	2630D-180
200	5	2630D-200

Universal pier for electrician





2688D

mm		
250	1	2688D-250

**Universal pliers,
American model Linesman**



2640D

mm		
160	10	2640D-160
200	5	2640D-200
180	5	2640D-180

**Combination pliers-chrome-plated,
Hard steel wire**





2665B

mm		
160	1	2665 B-160
180	1	2665 B-180
200	1	2665 B-200

**Combination pliers-chrome-plated,
Hard steel wire-insulated model**





2665VDE

mm		
160	1	2665 VDE-160
180	1	2665 VDE-180
200	1	2665 VDE-200

Combination pliers



2678G


mm		
160	5	2678 G-160
180	5	2678 G-180
200	5	2678 G-200

1000 V Combination pliers



2678V

EN60900   

mm		
160	2	2678V-160
180	2	2678V-180
200	2	2678V-200



▶ SNIPE NOSE PLIERS

Snipe nose pliers, long, hard steel wire



2430G





mm		
140	5	2430 G-140
160	5	2430 G-160
200	5	2430 G-200
140	5	2430 G-140 IP
160	5	2430 G-160 IP
200	5	2430 G-200 IP

**Snipe nose pliers, long-chrome-plated,
Hard steel wire**



2430GC



mm		
140	5	2430 GC-140 IP
160	5	2430 GC-160 IP
200	5	2430 GC-200 IP

**Snipe nose pliers, long,
Hard steel wire**



2430G-HD




mm		
190	5	2430 G-190HD
210	5	2430 G-210HD

**Snipe nose pliers, long,
Hard steel wire, PVC coated handles**



2430D



mm		
140	5	2430 D-140
160	5	2430 D-160
200	5	2430 D-200
140	5	2430 D-140 IP
160	5	2430 D-160 IP
200	5	2430 D-200 IP

**Snipe nose pliers long,
1000v insulated handles
for hard steel wire**



2430S

EN60900 



mm		
200	3	2430 S-200

**Snipe nose pliers, 1000v insulated
handles for hard steel wire**



2430V

EN60900   

mm		
160	2	2430V-160
200	2	2430V-200

Snipe nose plier



2470G

mm		
160	5	2470 G-160
200	5	2470 G-200





▶ SNIPE NOSE PLIERS

Snipe nose pliers-chrome-plated,
Hard steel wire





2719SB/2457B/2456AB

mm		
140	1	2719 SB
160	1	2457 B
200	1	2456 AB

Snipe nose pliers-chrome-plated,
Hard steel wire





2457/2456A

mm		
160	1	2457
200	1	2456 A

Snipe nose pliers-chrome-plated,
Hard steel wire-insulated model





2457VDE/2456AVDE

mm		
160	1	2457 VDE
200	1	2456 AVDE

Extra long snipe nose plier




158-N



mm		
280	12	158-N

**▶ SNIPE NOSE PLIERS,
BENT TIP**

Snipe nose pliers, bent tip 60° for hard
steel wire




2427G 

mm		
160	5	2427 G-160
200	5	2427 G-200
160	5	2427 G-160 IP
200	5	2427 G-200 IP

Snipe nose pliers, bent tip 60°-chrome-
plated, Hard steel wire





2427GC 

mm		
160	5	2427 GC-160IP
200	5	2427 GC-200IP

Snipe nose pliers, bent tip 60°,
Hard steel wire-PVC coated handles






2427D

mm		
160	5	2427 D-160
200	5	2427 D-200

Snipe nose pliers, bent tip 60°,
Hard steel wire-insulated model





2427S 

mm		
200	3	2427 S-200

1000 V Snipe nose pliers 60°





2427V   

mm		
200	2	2427V-200

Snipe nose pliers, bent





2477G-200

mm		
200	5	2477 G-200

Snipe nose pliers, bent tip 45°, chrome-
plated hard steel wire





2456BB

mm		
210	1	2456 BB

Snipe nose pliers, bent tip 45°-chrome-
plated, Hard steel wire



2456B

mm		
200	1	2456 B

Snipe nose pliers, bent tip 45°-chrome-plated, Hard steel wire



2456BVDE

mm			
210	1		2456 BVDE

Extra long snipe nose plier with tips angled at 35°



158-NB

mm			
270	12		158-NB

MACHINISTS PLIERS

Machinist's pliers-chrome-plated



2477AB

mm			
200	1		2477 AB

Snipe nose pliers, bent tip 45°- chrome-plated



2477BB

mm			
215	1		2477 BB

FLAT NOSE PLIERS

Flat nose pliers



2420G ergo®

mm			
125	5		2420 G-125

Flat nose pliers



2421G ergo®

mm			
140	5		2421 G-140
160	5		2421 G-160
180	5		2421 G-180
140	5		2421 G-140IP
160	5		2421 G-160 IP
180	5		2421 G-180 IP

Flat nose pliers - chrome-plated



2421GC ergo®

mm			
160	5		2421GC-160

Flat nose pliers - PVC coated handles



2421D

mm			
160	5		2421 D-160
140	5		2421 D-140IP
160	5		2421 D-160IP
180	5		2421 D-180IP

1000 V Flat nose pliers



2421V



mm			
160	2		2421V-160

Flat nose plier, mm



2471G

mm			
160	5		2471 G-160

Flat nose pliers - chrome-plated



2718B/2458B

mm			
140	1		2718 B
180	1		2458 B

Flat nose pliers - chrome-plated



2724B/2694B

mm			
125	1		2724 B
160	1		2694 B



FLAT NOSE PLIERS

Flat nose pliers - chrome-plated



2718

mm		
140	1	2718

Flat nose pliers - chrome-plated, Insulated model



2458VDE

mm		
180	1	2458 VDE

Flat nose pliers - chrome-plated, Insulated model



2694VDE

mm		
160	1	2694 VDE

VDE INSULATED TOOL SETS

Cable Knife with Protective Cap,



2820VDE EN60900

mm		
180	1	2820VDE

Electrician's Tool Set, Insulated Tools up to 1000V



3045/1VDE

1	3045/1VDE

Set of Insulated Pliers for Electricians



3048VDE

1	3048VDE

1000 V Insulated tool set 10 pieces



3045V-1 EN60900

1	3045V-1

1000 V Insulated tool set 19 pieces



3045V-2 EN60900

1	3045V-2

CONNECTING / ADJUSTING PLIERS

Connector Pliers



7835G **ergo**[®]

mm		
160	10	7835 G-160

Adjusting Pliers, Chrome-Plated



2713A

mm		
140	1	2713 A

FINE MECHANICAL CUTTERS AND PLIERS

Side Cutters



4130, 4131 **ergo**[®]

mm/cut		
0,3-1,5/M	3	4130
0,3-1,5/F	3	4131

Oblique Cutters



4231 **ergo**[®]

mm/cut		
0,3-1,25/S	3	4231

Oblique Cutters 45°



4239 ergo®

mm/cut		
0,3-1,0/S	3	4239

Flat Nose Pliers



4430 ergo®

mm		
26	3	4430

Snipe Nose Pliers



4830, 4831 ergo®

mm		
25	3	4830
25	3	4831

Snipe Nose Pliers, Bent Tip 60°



4833 ergo®

mm		
23	3	4833

Round Nose Pliers



4530 ergo®

mm		
22	3	4530

Fine Mechanical Cutters and Pliers Set



9733 ergo®

1	9733

SLIP JOINT PLIERS

Slip Joint Pliers



8223 - 8226 ergo®

mm		
200	5	8223
250	5	8224
315	5	8225
400	1	8226
200	5	8223 IP
250	5	8224 IP
315	5	8225 IP

Slip Joint Pliers



7224

mm		
250	5	7224

Slip Joint Pliers, Large Opening



8231 ergo®

mm		
225	5	8231
225	5	8231 IP

Slip Joint Pliers



8224/8225C ergo®

mm		
250	5	8224CIP
315	5	8225CIP

Slip Joint Pliers



221 D - 225 D

mm		
117	5	221 D
150	5	222 D
192	5	223 D
240	5	224 D
305	3	225 D



▶ SLIP JOINT PLIERS

Slip Joint Pliers



2619LS

mm		
175	5	2619 LS-175
250	5	2619 LS-250
300	5	2619 LS-300

1000 V Box joint pliers



2619V

EN60900

mm		
250	2	2619V-250

Slip Joint Pliers



2971G

mm		
250	5	2971G-250

Slip Joint Plier



6224DC

mm		
250	5	6224 DC

1000 V Groove joint pliers



6224V

EN60900

mm		
250	2	6224V

Slip Joint Plier



5223 - 5226 DC

mm		
190	5	5223 DC
250	5	5224 DC
300	2	5225 DC
400	1	5226 DC

▶ CONNECTOR PLIERS

Connector Plier



2650

mm		
235	1	2650
	1	2650 B

▶ PLIER SETS

Plumber's Set



9873 ergo®

Assortment		
8224, 9072P	1	9873

Tool Set in Carboard Box



9853 ergo®

mm		
292x252x25	1	9853

Pliers Set



9897 ergo®

Assortment		
8224, 2628G, 2101G	1	9897

**1000 V pliers Set
2101S, 2628S, 2430S**



9860S

mm		
160, 180, 200	1	9860S

PIPE WRENCHES

Swedish Model Pipe Wrench, 90°



1410/1420 ergo®

mm-inch		
335 - 1	1	1410
430 - 1 1/2	1	1420

Swedish Model Pipe Wrench, 90° Chrome Plated



1175 ergo®

mm-inch		
335 - 1	1	1175-1
430 - 1 1/2	1	1175-11/2

Swedish Model Pipe Wrench, 90°



140-147

mm-inch		
215-3/4	1	140
280-1	1	141
370-1 1/2	1	142
555-2 1/2	1	143
720-3 1/2	1	144
1060-5	1	147

Corner Pipe Wrench, 45°



442 B-444 B

mm-inch		
320-1	1	442 B
430-2	1	443 B
535-2 1/2	1	444 B

Swedish Model Pipe Wrench, 90°



DOW175

mm-inch		
310-1	1	DOW 175-1
420-1 1/2	1	DOW 175-11/2
560-2	1	DOW 175-2
655-3	1	DOW 175-3

Swedish Model Corner Wrench, 45°



DOW176

mm-inch		
314-1	1	DOW 176-1
456-1 1/2	1	DOW 176-11/2
570-2	1	DOW 176-2

Swedish Model Combination Pipe Wrench, 45°



DOW177

mm-inch		
320-1	1	DOW 177-1/2-1
416-1 1/2	1	DOW 177-11/2
535-2	1	DOW 177-2

Swedish Model Combination Pipe Wrench, 45°



341-344

mm-inch		
230-1/2	1	341
330-1	1	342
420-1 1/2	1	343
530- 1 1/2	1	344

Heavy Duty Chain Wrench



HD 372

mm-inch		
1.1/2	1	372-1.1/2
2.1/2	1	372-2.1/2
4	1	372-4
6	1	372-6
8	1	372-8
12	1	372-12

Aluminium Pipe Wrench



380

mm-inch		
10	1	380-10
14	1	380-14
18	1	380-18
24	1	380-24
36	1	380-36
48	1	380-48

Stillson Pipe Wrench



361

mm-inch		
200-8	1	361-8
250-10	1	361-10
300-12	1	361-12
350-14	1	361-14
450-18	1	361-18
600-24	1	361-24
900-36	1	361-36





NUT PLIER

Nut Plier



2979D

mm		
180/3-13	5	2979 D-180



WIRE TWISTING PLIERS

Wire Twisting Pliers



2855

mm		
224	1	2855

Wire Twisting Pliers, Automatic Reversing



2855D

mm		
282	1	2855 D



GRIP AND WELDING PLIERS

Grip with Cutter, with Wire Cutter



2951

mm		
140	1	2951-140
180	1	2951-180
250	1	2951-250
300	1	2951-300

Grip with Cutter, mm



2968

mm		
190	1	2968-190
235	1	2968-235

Grip with Cutter, Long and Slim Jaws, mm



2952

mm		
165	1	2952-165
235	1	2952-235

Parallel Grip Plier, Self-Adjusting



2950

mm		
235		2950-250

Self-Grip Plier, Curved Jaws without Cutter, mm



2953

mm		
140	1	2953-140
190	1	2953-200
235	1	2953-250
300	1	2953-300

Grip with Cutter, Parallel Jaws, mm



2955

mm		
250	1	2955-250

Grip and welding plier, with parallel plus grip



2957

mm		
250	1	2957-250
300	1	2957-300

Grip with straight jaws



2958

mm		
135	1	2958-140
190	1	2958-200
250	1	2958-250
300	1	2958-300

Grip & Locking U-clamp



2965

mm		
200	1	2965-200
280	1	2965-280

Grip for tubes



2966

mm		
280	1	2966-280

Grip with C-clamp



2963

mm		
280	1	2963-280
460	1	2963-450
580	1	2963-630

Grip with parallel C-clamp



2964

mm		
160	1	2964-160
280	1	2964-280
460	1	2964-450
630	1	2964-600

Grip sheet metal



2967

mm		
180	1	2967-180

Automatic Hand Vices



2949

A * B (mm)		
32*30	1	2949-190IP
70*30	1	2949-200IP
70*62	1	2949-240IP
150*62	1	2949-250IP

Locking Plier



2999

mm		
250	1	2999-250
300	1	2999-300

Chain Pipe Cutter



2998

mm		
250	1	2998-250
300	1	2998-300

Universal Grip Plier, mm



2997

mm		
235	1	2997-250
255	1	2997-300



CIRCLIP PLIERS

Circlip Pliers Internal



2800

Ø mm		
8-13	3	2800-140
12-25	3	2800-150
19-60	3	2800-180
40-100	3	2800-225
85-165	1	2800-300

Circlip Pliers Internal



2890

Ø mm		
8-15	3	2890-125
12-25	3	2890-140
19-60	3	2890-180
40-100	3	2890-210
85-165	1	2890-300

Circlip Pliers External



2900

Ø mm		
3-10	3	2900-140
10-25	3	2900-150
19-60	3	2900-180
40-100	3	2900-215
85-165	1	2900-300



CIRCLIP PLIERS

Circlip Pliers External



2990

Ø mm			
3-10	3	2990-125	
10-25	3	2990-140	
19-60	3	2990-180	
40-100	3	2990-200	
85-165	1	2990-300	

Circlip Pliers Set



28-29/S4

Ø mm	mm		
19-60	180	1	28-29/S4

Resettable Pliers, Internal & External Circlips



2928

Ø mm			
8-25 / 3-25	1	2928-160	
10-48	1	2928-200	
31-100	1	2928-250	

Set of Circlip Pliers



9938

	1	9938	

Spare Tips for 2928 Series



2928-1 - 4

Ø mm			
2928-160	1	2928-1	
2928-200	1	2928-2	
2928-250	1	2928-3	
2928-250	1	2928-4	

Circlip Pliers Internal



2461

Ø mm			
8-25	1	2461 C8	
19-60	1	2461 C19	
40-100	1	2461 C40	

Circlip Pliers Internal



2463

Ø mm			
8-25	1	2463 D8	
19-60	1	2463 D19	
40-100	1	2463 D40	

Circlip Pliers External



2464

Ø mm			
3-10	1	2464 A3	
10-25	1	2464 A10	
19-60	1	2464 A19	
40-100	1	2464 A40	

Circlip Pliers External



2466

Ø mm			
3-10	1	2466 B3	
10-25	1	2466 B10	
19-60	1	2466 B19	
40-100	1	2466 B40	

Circlip Pliers External



2460

mm			
175	1	2460	

Special Circlip Pliers For Slotted Circlips



2465D

mm			
200	1	2465D-200	

BOLT CUTTERS

Bolt Cutters



4559-24

4559

mm		
320	1	4559-12
430	8	4559-18
600	6	4559-24
750	5	4559-30
900	1	4559-36
1060	1	4559-42

Diagonal Cutter, mm



4560-210

mm		
210	1	4560-210

Spare Cutting Head for 4559 Range



4559 JC

mm		
320	1	4559-12B JC
430	1	4559-18B JC
600	1	4559-24B JC
750	1	4559-30B JC
900	1	4559-36B JC
1060	1	4559-42B JC

METAL SHEARS

Metal Shears, Aviation/ Compound Shear



MA225

mm		
250	4	MA225

Metal Shears, Aviation/ Compound Shear



MA225L

mm		
250	4	MA225L

Metal Shears for Heavy Work, Aviation/ Compound Shear, Right



MA225R

mm		
250	4	MA225R

Tin Snip with Lever Action, Left Cut



MA401

mm		
250	4	MA401

Tin Snip with Lever Action, Right Cut



MA411

mm		
250	4	MA411

Tin Snip with Lever Action, Straight Cut



MA421

mm		
250	4	MA421

Multipurpose Tin Snip, Long Cut



MA431

mm		
290	1	MA431

Professional Tin Snip With Lever Action, Right Cut



MA311

mm		
260	1	MA311

Professional Tin Snip With Lever Action, Left Cut



MA321

mm		
260	1	MA321





METAL SHEARS

Metal Shears, Pass-Through Compound Shear



MA325

mm		
250	4	MA325

Professional Tin Snip, Pass-Through, Right Cut



MA361

mm		
250	1	MA361

Professional Tin Snip, Pass-Through, Left Cut



MA351

mm		
250	1	MA351

Traditional/Industrial shears



M126

mm		
260	4	M126

Metal shears, Straight, one thick blade, one thin blade



M730

mm		
300	2	M730

Punch Snip Madrid Type Right Cut



8691

mm		
200	6	869102000
250	6	869102500
300	6	869103000

Traditional/Retail shears



MR126

mm		
260	4	MR126

Metal Shears, Traditional/Industrial Shears, Left



MR227L

mm		
270	4	MR227L

Metal Shears, Traditional/Retail Shears, Right



MR227R

mm		
270	4	MR227R

Metal Shears, Straight, One Thin Blade, One Thick Blade,



MR726

mm		
260	4	MR726

Metal Shears, Pass-Through Shear



MR340

mm		
350	2	MR340

Metal Shears, Offset, Right



583D

mm		
280	4	583D

Metal Shears, Offset Right



585D

mm		
280	4	585D

Metal Shears, Offset, Left



584D

mm		
280	4	584D

Metal Shears, Offset, Left



586D

mm		
280	4	586D

Two-handed Compound Shears



M6376

mm		
760	1	M6376
	1	M6376-SH

Metal Shears for Heavy Industrial Work



M676

mm		
760	1	M676
	1	M676-SH

Metal Shears-Nibbler



M926

mm		
250	1	M926
	1	M926-SH

Multi-Purpose Snip



2744

mm		
190	6	2744

Special Tin Snips



2702

mm		
110	1	2702
110	1	2702A

Special Tin Snips



2704

mm		
110	1	2704
110	1	2704A

Special Tin Snips



2707

mm		
115	1	2707

WAD PUNCHES

Wad punches



400.003.020

∅ mm		
3-20	1	400.003.020



WAD PUNCHES

Wad punch set, 16 pieces



400.003.030

Ø mm		
3-30	1	400.003.030

Wad punches



B400

Ø mm		
2	1	B400.002
3	1	B400.003
4	1	B400.004
5	1	B400.005
6	1	B400.006
7	1	B400.007
8	1	B400.008
9	1	B400.009
10	1	B400.010
11	1	B400.011
12	1	B400.012
13	1	B400.013
14	1	B400.014
15	1	B400.015
16	1	B400.016
17	1	B400.017
18	1	B400.018
19	1	B400.019
20	1	B400.020
21	1	B400.021
22	1	B400.022
23	1	B400.023
24	1	B400.024
25	1	B400.025
26	1	B400.026
27	1	B400.027
28	1	B400.028
29	1	B400.029
30	1	B400.030
31	1	B400.031
32	1	B400.032
33	1	B400.033
34	1	B400.034
35	1	B400.035

Ø mm		
36	1	B400.036
37	1	B400.037
38	1	B400.038
39	1	B400.039
40	1	B400.040
41	1	B400.041
42	1	B400.042
43	1	B400.043
44	1	B400.044
45	1	B400.045
46	1	B400.046
47	1	B400.047
48	1	B400.048
49	1	B400.049
50	1	B400.050

RIVETER

Hand Riveter



1467-250

mm		
250	1	1467-250

Extendible riveter, mm



1467-320-850

mm		
320-850	1	1467-320-850

Riveter, mm



2681

mm		
285	12	2681

Long Arm Riveter



1467-520

mm		
520	1	1467-520

SCISSORS

Electricians Scissors



SC127/SC127S

mm		
127	10	SC127
127	10	SC127S

Electricians Scissors



SC140/SC140C

mm		
140	10	SC140
140	10	SC140C

Electricians Scissors



SC150NG



mm		
152	10	SC150NG

INSULATED TOOLS

Cable Cutters





2806 EN60900  1000V

mm		
255	2	2806-35V
340	1	2806-52V

Bolt Cutter





2820VBC EN60900  1000V

mm		
630	1	2820VBC

Scissors





SC127V EN60900  1000V

mm		
130	5	SC127V

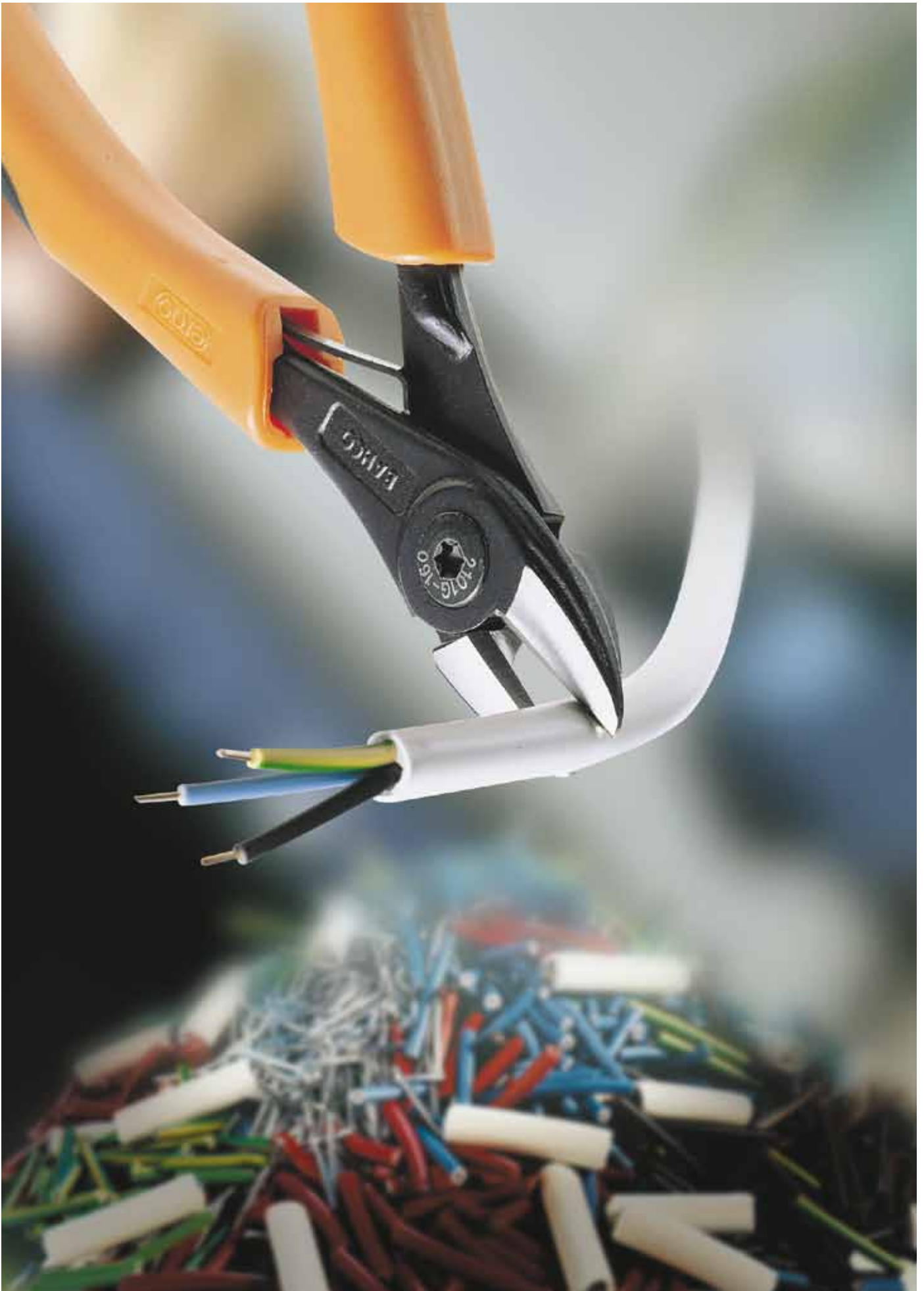
Scissors



SC150NGV EN60900  1000V

mm		
150	5	SC150NGV







Refrigeration and plumbing tools



REFRIGERATION TOOLS

Ergonomic Tube Benders



600 ergo®

mm		
10	1	600-10
12	1	600-12
14	1	600-14
15	1	600-15
16	1	600-16

Multipurpose tube bender



1084

mm		
250	5	1084

Tube bender spare parts



600-x-95

mm		
10	1	600-10-95
12	1	600-12-95
14	1	600-14-95
15	1	600-15-95
16	1	600-16-95

Automatic tube cutter



306

mm		
10	1	306-10
12	1	306-12
15	1	306-15
22	1	306-22

Tube Cutter



301-22

Ø mm		
3-22	10	301-22

Tube Cutter



302-35

Ø mm		
8-35	4	302-35

Tube Cutter



302-76

Ø mm		
35-76	1	302-76

Spare Cutting Wheels



306-15-95

Tube cutter		
306	2	306-15-95

Plastic tube cutter



311-32

Ø mm		
32	6	311-32

Plastic tube cutter



311-42

Ø mm		
42	1	311-42
-	1	311-42-95

Plastic tube cutter



312-42

Ø mm		
42	1	312-42
-	1	312-42-95

Pen Reamer



316-1/316-2

mm		
143	1	316-1
150	12	316-2

Pen reamer: spare blade



316-2-95

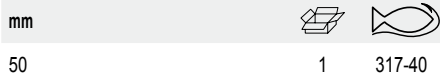


1 316-2-95

Wheel Reamer



317

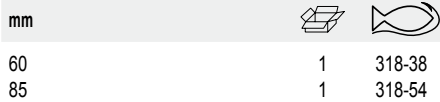


mm 1 317-40

Wheel Reamer



318



mm 1 318-38
1 318-54

Chain pipe wrench



370

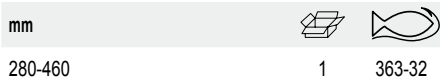


mm 1 370-4

Basin Wrench



363



mm 1 363-32

Plastic strap wrench



375

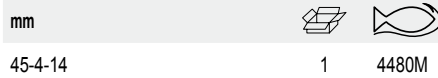


1 375-8

Tube Flaring Tool



4480M

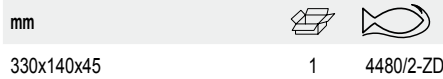


mm 1 4480M

Tube Cutter



4480/

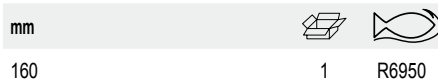


mm 1 4480/2-ZD

Refrigeration Ratchet, Reversible



R6950

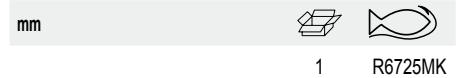


mm 1 R6950

Sets in metal box



R6725MK

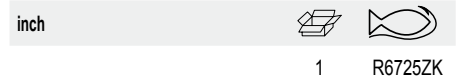


mm 1 R6725MK

Sets in metal box



R6725ZK



inch 1 R6725ZK

Filling hoses for refrigerants, set of 3



R4474



mm 1 R4474



REFRIGERATION TOOLS

Assembly Pressure Gauge



R4470



1 R4470

Synthetic Leather Bag, Empty



R6765

mm

480x340x240



1 R6765

Large Special Tools Set for Refrigeration Machines



R6740M-T



1 R6740M-T



Air tools





RATCHETS

Ratchet 1/4"



BP700

BAR	RPM		
6.3	300	1	BP700

Ratchet 3/8"



BP820

BAR	RPM		
6.3	270	1	BP820

Ratchet 1/2"



BP821

BAR	RPM		
6.3	150	1	BP821



IMPACT WRENCHES

Impact wrench 3/8"



BP816

BAR	RPM		
6.3	10,000	1	BP816

3/8" Impact Wrench Kit
 Contains: 3/8" Impact Wrench,
 11 Impact sockets (10-24 mm) and a
 1/4" male connector



BP816K1

BAR	RPM		
6.3	10,000	1	BP816K1

Impact wrench 1/2"



BP815

BAR	RPM		
6.3	7,000	1	BP815

1/2" Impact Wrench Kit
 Contains: 3/8" Impact Wrench,
 11 Impact sockets (10-24 mm) and a
 1/4" male connector



BP815K1

BAR	RPM		
6.3	7,000	1	BP815K1

1/2" Impact wrench kit
 Contains: 1/2" Impact wrench,
 Magnetic holder and 3 wheel sockets
 (17, 19, 21 mm in a case)



BP815K2

BAR	RPM		
6.3	7,000	1	BP815K2

Impact wrench 3/4"



BP817

BAR	RPM		
6.3	4,500	1	BP817

Impact wrench 1"



BP900

BAR	RPM		
6.3	3,900	2	BP900

Impact Wrench 1" Long Anvil



BP900L

BAR	RPM		
6.3	3,900	1	BP900L

Impact Wrench 1"



BP405

BAR	RPM		
6.3	4,000	1	BP405

GRINDERS

Pneumatic mini grinder 6mm * includes 3mm collet



BP822

BAR	RPM		
6.3	25,000	1	BP822

Pneumatic angle grinder 6mm



BP115

BAR	RPM		
6.3	20,000	1	BP115

Disk grinder 5"



BP823

BAR	RPM		
6.3	10,000	1	BP823

Abrasive wheel



BP420M

Diameter	Length		
25 mm	67 mm	1	BP420M

6 mm Abrasive Wheel 2 units in a blister



BP421M

Diameter	Length		
14	53	1	BP421M

6 mm Abrasive Wheels 2 in a blister



BP422M

Diameter	Length		
26	46	1	BP422M

6 mm Abrasive Wheels 2 in a blister



BP423M

Diameter	Length		
25	53	1	BP423M

6 mm Abrasive Wheels 2 in a blister



BP424M

Diameter	Length		
19	57	1	BP424M

3 mm Abrasive Wheels 2 in a blister



BP430M

Diameter	Length		
12	55	1	BP430M

3 mm Abrasive Wheels 2 in a blister



BP431M

Diameter	Length		
13	48	1	BP431M

3 mm Abrasive Wheels 2 in a blister



BP432M

Diameter	Length		
15	44	1	BP432M



GRINDERS

3 mm Abrasive Wheels
2 in a blister



BP433M

Diameter	Length		
14	43	1	BP433M

3 mm Abrasive Wheels
2 in a blister



BP434M

Diameter	Length		
13	42	1	BP434M

CUT OFF TOOL

Cut off tool 3"



BP110

BAR	RPM		
6.3	18,000	1	BP110

RECIPROCATING SAWS

Reciprocating saw



BP824

BAR	RPM		
6.3	10,000	1	BP824

DRILLS

Reversible drill 13mm
Quick disk changing system without tools



BP825

BAR	RPM		
6.3	450	1	BP825

PNEUMATIC MARKERS

Pneumatic marker



BP799

BAR	RPM		
6.3	13,000	1	BP799

Pneumatic engraving pen consumable



BP79912

1	BP79912

CARTRIDGE APPLICATOR

Cartridge applicator



BP215

BAR		
2.5-5.2	1	BP215

SURFACE CLEANER

Needle scaler



BP127

Vibration	BAR		
8.7m/sec ²	6.3	1	BP127

SANDERS

Orbital sander



BP601

BAR	Disc Size		
6.3	152 mm Velcro	1	BP601

2.5 mm Palm Orbital Sander



BP610

BAR	Disc Size		
6.3	152 mm Velcro	1	BP610

Pad



BP51137

Velcro	Disc Size		
Yes	152 mm	1	BP51137

Belt sander



BP212

BAR	RPM		
6.3	16,000	1	BP212

20 mm Belt Sander



BP222

BAR	RPM		
6.3	16,000	1	BP222

Pack of 25 belts for Belt Sanders



BPN22201/21201

Belt Size		
10	1	BPN21201
20	1	BPN22201

WINDSCREEN REMOVER

Windscreen remover



BP233

Blows/min	BAR		
20,000	6.3	1	BP233

BLADES AND SCRAPERS

U shaped blades



BPBU

Length mm		
18	1	BPBU18
24	1	BPBU24
36	1	BPBU36
60	1	BPBU60
90	1	BPBU90

Scrapers



BPBSC

Length mm		
15 mm	1	BPBSC156

Straight blades



BPBG

Jagged	Flat		
	15 mm	1	BPBG3515
	25 mm	1	BPBG3525A
25 mm		1	BPBG3525B

Offset comma blades



BPBK

Length mm		
30	1	BPBK30

Straight offset blades



BPBG5725/9057

Length mm		
57	1	BPBG5725
90	1	BPBG9057

PAINT GUN

HVLP Paint gun



BPHVLP01

Weight kg	BAR		
0.7	2-2.8	1	BPHVLP01

Nozzle sets



BPHVLP

Weight kg	Size mm		
0.1	10	1	BPHVLP0110
0.1	12	1	BPHVLP0112
0.1	14	1	BPHVLP0114
0.1	17	1	BPHVLP0117
0.1	20	1	BPHVLP0120





PNEUMATIC ACCESSORIES

Magnetic holder



BP500

Weight kg		
0.380	1	BP500

Lubricator



BPN251

Weight kg	AIR INLET		
0.100	1/4"NPT	1	BPN251

1/2" Air filter / Filter-Regulator



BP254

Max Flow	BAR		
3,800 L/min	1-8.5	1	BP254

1/2" Air filter/regulator/lubricator



BP255

Max Flow	BAR		
3,800 L/min	1-8.5	1	BP255

Hose reels



BPHR1020/1315

Hose length	Hose Diam.		
20 m	10 mm	1	BPHR1020
15 m	13 mm	1	BPHR1315

Air Hose Reel Automatic Hose Lock



BPHRS1315

Hose length	Hose Diam.		
15 m	13 mm	1	BPHRS1315

Spiral Hoses



BPH1010

Air inlets	Hose length		
1/4"-1/4"	10 m	12	BPH1010

13 mm Air Spiral Hose



BPH1310

Air inlets	Hose length		
1/2"-1/2"	10 m	2	BPH1310

Air Connector 1/4" Female



BPQCF14

Air flow	Max Pressure		
1600 l/min	14 bar	10	BPQCF14



AIR PISTOLS

Air Screwdriver 1800 RPM 1/4"



BP826

BAR	RPM		
6.3	1,800	1	BP826

Air Screwdriver 800 RPM 1/4"



BP827

BAR	RPM		
6.3	800	1	BP827



BLOW GUNS

OSHA Blow Gun



BP218

Weight kg	BAR		
0.15	6.3	1	BP218



Automotive Special Tools





ENGINE TOOLS AND EQUIPMENT

Piston ring tong



BE74-55100/BE74-80120

Kg	Diameter mm		
0.32	55-100	1	BE74-55100
0.29	80-120	1	BE74-80120

Piston ring tightener

BE74-57125L with ratcheting system



BE74-57125/BE74-90175/BE74-571

Length mm	Diameter mm		
80	57-125	1	BE74-57125
165	90-175	1	BE74-90175
80	57-125	1	BE74-57125L

Camshaft locking tool Alfa Romeo



BE523110B

Kg	mm		
0.276	179	1	BE523110B

Camshaft locking tool Alfa Romeo



BE523110C

Kg	mm		
0.276	179	1	BE523110C

Engine timing set Bosch



BE523076

Kg	mm		
0.301	185x137x48	1	BE523076

Engine timing tool set Citroën/Peugeot



BE52306100

Kg	mm		
2.366	185x410x48	1	BE52306100

Engine timing tool set Citroën/Peugeot



BE52306170

Kg	mm		
1.258	185x275x48	1	BE52306170

Petrol engine timing kit Citroën/Peugeot



BE523055

Kg	mm		
0.235	93	1	BE523055

Flywheel locking tool Citroën/Peugeot/Fiat



BE52311102

Kg	mm		
0.135	93	1	BE52311102

Engine timing tool set Fiat/Lancia



BE523171

Kg	mm		
0.989	185x275x48	1	BE523171

Engine timing tool set Fiat 1.9D Turbo Diesel



BE523158

Kg	mm		
1.248	205x163x50	1	BE523158

**Engine timing tool set
Fiat 1.6 16V**



BE523156

Kg	mm		
1.869	205x163x50	1	BE523156

**Engine timing tool set
Ford 1.6 Ti-VCT, 1.8, TDi TDCi, 2.0 TDCi
engines**



BE523360

Kg	mm		
0.426	185x410x48	1	BE523360

**Engine timing tool set
Renault Twin CAM 16V**



BE52306950

Kg	mm		
1.772	205x163x50	1	BE52306950

**Engine timing tool set
Ford**



BE523160

Kg	mm		
1.483	185x275x48	1	BE523160

**Engine timing tools
Ford Zetec**



BE52305450

Kg	mm		
.291	179	1	BE52305450

**Engine timing tool set
Renault DCI**



BE52317301

Kg	mm		
2.229	185x410x48	1	BE52317301

**Engine timing tool set
Ford Duratorq**



BE523175

Kg	mm		
0.956	185x275x48	1	BE523175

**Engine timing tool set
Renault master kit**



BE52306900

Kg	mm		
.401	370x410x48	1	BE52306900

**Timing pins
Renault**



BE52306929

Kg	mm		
0.222	93	1	BE52306929





ENGINE TOOLS AND EQUIPMENT

**Engine timing tool set
Opel/Vauxhall/Saab**



BE523047

Kg	mm		
2.4	460x140x52	1	BE523047

**Engine timing tool set
Opel/Vauxhall 1.0 / 1.2 / 1.4**



BE523166

Kg	mm		
0.912	185x137x48	1	BE523166

**Engine timing tool set
Opel/Vauxhall/Saab**



BE523167

Kg	mm		
1.355	185x275x48	1	BE523167

**Engine timing tool set
Opel/Vauxhall 1.3 / 1.9 TDCI**



BE523174

Kg	mm		
0.214	185x275x48	1	BE523174

**Twin camshaft locking tool
Opel/Vauxhall/Saab**



BE52305801

Kg	mm		
0.186	93	1	BE52305801

**Engine timing tool
Opel/Vauxhall**



BE52305802

Kg	mm		
0.143	93	1	BE52305802

**Engine timing tool set
Volkswagen/Audi Group master kit**



BE523161

Kg	mm		
0.451	179x275x48	1	BE523161

**Engine timing tool set
Volkswagen/Audi Group**



BE52316190

Kg	mm		
1.351	185x275x48	1	BE52316190

**Engine timing tool set
Volkswagen/Audi Group 1.2 / 3 Cyl.
- 6 V / 12 V**



BE523176

Kg	mm		
1.01	185x137x48	1	BE523176

**Engine timing tool set
Volkswagen FSi / TSi**



BE52316230

Kg	mm		
2.229	185x275x48	1	BE52316230

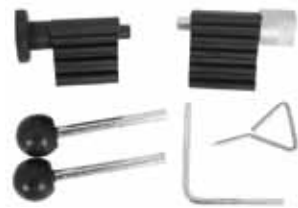
**Timing tool kit
Volkswagen/Audi Group**



BE52305650

Kg	mm		
0.056	179	1	BE52305650

**Engine timing tool set
Volkswagen/Audi Group**



BE52316150

Kg	mm		
0.451	179x275x48	1	BE52316150

**Camshaft setting bar
Volkswagen/Audi Group**



BE523161B

Kg	mm		
0.309	179	1	BE523161B

**Diesel timing kit
Audi/Seat/Volkswagen/Volvo/Ford engines**



BE52306120

Kg	mm		
0.251	93	1	BE52306120

**Pins
Volkswagen/Audi Group - Ford**



BE52316197

Kg	mm		
0.039	93	1	BE52316197

**Tensioner locking tool
Volkswagen/Audi Group**



BE52306912

Kg	mm		
0.024	93	1	BE52306912

**Tension pulley holding wrench
Volkswagen/Audi Group**



BE52304405

Kg	mm		
0.227	179	1	BE52304405

**Engine timing tool set
Volvo**



BE52306920

Kg	mm		
0.216	185x275x48	1	BE52306920

**Sprocket holding wrench
Universal**



BE523106

Kg	mm		
0.091	179	1	BE523106

Diesel timing kit



BE52306110

Kg	mm		
0.276	179	1	BE52306110

**Flywheel locking tool
Opel/Vauxhall/Saab**



BE52316404

Kg	mm		
0.008	93	1	BE52316404

**Stretch belt installer/remover
Range: Pulley diameters 80-350mm**



BE230

Kg	mm		
0.25	120x30x25	1	BE230





ENGINE TOOLS AND EQUIPMENT

Glow plug testers



BE100

Kg	mm		
0.37	60x155x68	1	BE100

Glow plug socket set



BE1GP5

Kg	mm		
0.46	40x240x110	1	BE1GP5

T-handle for glow plug socket set



BE1GP5-T

Kg			
0.4		10	BE1GP5-T

Spark plug prier



BE1P

Kg	L mm		
0.31	290	10	BE1P

**Spark plug wrench
14 mm bi-hex with retaining system;
3/8" drive**



BE1SP14L

Kg	mm		
0.43	20x265x80	1	BE1SP14L

Professional spark plug wrenches



BE1T14/BE1T16/BE1T21

mm	Pts		
14	6	1	BE1T14
16	6	1	BE1T16
21	6	1	BE1T21

Flexible hose clamp pliers



BE255

Kg	mm		
0.79	30x450x220	1	BE255

Hose clamp plier -45°



BE250

Kg	mm		
0.25	290x130x140	1	BE250

Others



BE500P24

Kg	mm		
1.24	44x260x150	1	BE500P24

10 mm bit set 49 pieces



BE5049

Kg	mm		
3.66	60x325x195	1	BE5049

*Loose components are available

Hose cutting pliers



2468

Length mm		
255	10	2468

OIL SERVICE TOOLS AND EQUIPMENT

Oil cans



BOD4200/BOD4500

Kg	mm		
0.23	63x127x111	1	BOD4200
0.27	90x200x130	1	BOD4500

Gravity oil drainer



BOD8901

Kg	mm		
35	180x790x400	1	BOD8901

Extension funnel for oil drainers



BOD8901AC1

Kg	mm		
2.5	150x620x620	1	BOD8901AC1

Air oil drainer



BOD8902

Kg	mm		
35	180x790x400	1	BOD8902

Barrel pump for 50-205 L barrels with 1/2" and 2" threading 16 L/min



BOD60

Kg	mm		
2.24	70x490x160	1	BOD60

Rotary barrel pump for 50-205 l barrels with 1" threading



BOD70

Kg	mm		
6.740	1500x380x18	1	BOD70

Oil drain pan 16 L



BOD1016

Kg	mm		
1.24	44x260x150	1	BOD1016

Oil drain tank 8 L



BOD2008

Kg	mm		
1.24	44x260x150	1	BOD2008

Oil funnel 1200 cc



BOD301200

Kg	mm		
1.24	44x260x150	1	BOD301200

Oil filter cup set 28 oil filter cups for the majority of the European fleet, 1 three flat legged oil filter wrench, and 1 3/8" adaptor



BE630

Kg	mm		
7.15	90x600x500	3	BE630

Individual oil filter cups To complement product code BE630



BE6302/BE6303/BE6306

mm	Pts		
24	6	1	BE630246F
27	6	1	BE630276F
32	6	1	BE630326F
36	6	1	BE630366F
38	6	1	BE630386F
66.5	14	1	BE63066514F



OIL SERVICE TOOLS AND EQUIPMENT

3 Legged oil filter wrench
3/8" female square drive + 3/8" to 1/2" adaptor



BE65F65120

Diameter mm	Sq. drive"		
65-120	3/8"	1	BE65F65120

Magnetic 3 legged oil filter wrenches
Square drive 3/8" female +3/8" to 1/2" adaptor. Outer Hex profile 21 mm



BE65R

Diameter mm	Sq. drive"		
55-72	3/8"	1	BE65R65120
68-110	3/8"	1	BE65R80120
110-142	3/8"	1	BE65R106160

Chain oil filter wrench & spare chains



BE64520/BE64350

Diameter mm	length mm		
50-120	350	1	BE64350
50-120	350	1	BE64350CH
50-160	520	1	BE64520
50-160	520	1	BE64520CH

CH: spare chains

Oil filter strip wrench and spare strips



BE611

Kg	Diameter mm		
0.49	65-110	1	BE61110
0.03	65-120	1	BE61110-1
0.52	100-155	1	BE61155
0.03	100-155	1	BE61155-1

Oil drain plug sockets



BE6217

Kg	mm		
1.07	60x260x120	1	BE6217

BRAKE SYSTEM TOOLS AND EQUIPMENT

Brake caliper wind back air tool



BBR320

Kg	mm		
1.205	44x260x150	1	BBR320

Brake caliper set 43 pieces



BBR300P43

Kg	mm		
4.57	90x380x310	4	BBR300P43

Air break bleeder



BBR350

Kg	mm		
1.28	261x300x160	1	BBR350

Brake fluid tester humidity check DOT 3/4/5/5.1



BBR110

Kg	mm		
1.15	100x220x320	1	BBR110

▶ EXHAUST SYSTEM TOOLS

Exhaust clamp pliers



BUC50

Kg	mm		
0.41	25x310x70	1	BUC50

Universal exhaust puller



BUC100

Kg	mm		
4.65	95x325x240	1	BUC100

▶ TRANSMISSION AND WHEEL TOOLS

1" Thin wall impact sockets



BHVIS

mm	Pts		
65	12	1	BHVIS1265
70	6	1	BHVIS0670
77	6	1	BHVIS0677
80	6	1	BHVIS0680
85	6	1	BHVIS0685
90	6	1	BHVIS0690
95	6	1	BHVIS0695
100	6	1	BHVIS06100
105	6	1	BHVIS06105

3/4" Heavy vehicle impact sockets Scania



BHVIS0895/BHVIS08100

mm	Pts		
100	8	1	BHVIS08100
95	8	1	BHVIS0895

3/4" Heavy vehicle impact sockets Volvo



BHVIS08115

mm	Pts		
115	8	1	BHVIS08115

Heavy vehicle impact sockets BPW



BHVIS

mm	Sq. Drive		
109	1"	1	BHVIS109BPW12
111	1"	1	BHVIS111BPW12
120	1"	1	BHVIS120BPW16
80	3/4"	1	BHVIS80BPW12

1" Impact torsion bars



BZWTB013

Nm	mm		
450	32	1	BZWTB0132450
600	32	1	BZWTB0132600
600	33	1	BZWTB0133600

Torsion bar set
10 pieces; 75-240 Nm



BWTB12P10

Kg	mm		
3.5	275x360x80	1	BWTB12P10

Four-way wheel wrenches



BWXW1/BWXW2

Sq. Drive	mm		
1/2"	17, 19, 22	1	BWXW1
3/4"	24, 27, 32	1	BWXW2





TRANSMISSION AND WHEEL TOOLS

Four-way wheel nut spanner



29-B

Sq. Drive	mm		
1/2"	17, 19, 21	12	29-B

Wheel bearing tool set



BWB14

Kg	mm		
7.82	85x525x310	1	BWB14

Axle joint tool



BS50

Kg	mm		
2.02	80x460x80	1	BS50

Twist socket sets



BWTSP16



BWTSP7

BWTSP16/BWTSP7

Kg	mm		
1.75	50x245x120	1	BWTSP16
1.00	62x230x120	1	BWTSP7

Wheel socket sets

BWSS12P3: 17, 19, 21 mm;
BWSS12P5: 17, 19, 21, 22, 24 mm



BWSS12P3



BWSS12P5

BWSS12P3/BWSS12P5

Kg	mm		
0.8	45x150x130	1	BWSS12P3
1.47	50x240x175	1	BWSS12P5

Wheel balancing pliers



BWP150

Kg	mm		
0.41	65x270x80	10	BWP150



SUSPENSION TOOLS AND EQUIPMENT

Air spring compressor & optional moving stand



BS10/BS10AC1

Kg	mm		
50	1150x470x45	1	BS10
6.7	370x600x520	1	BS10AC1

Spring compressor machine mechanic type



BS10MEC

Kg	mm		
1.92	80x370x255	1	BS10MEC

Turnbuckle shock absorber 39 pieces for servicing McPherson shock absorbers



BS1000

Kg	mm		
6.36	80x580x400	1	BS1000

AUTO ELECTRIC TOOLS AND EQUIPMENT

Booster 12 V 760 CA



BB12-760

Ah	Kg		
22	23	1	BB12-760

Booster 12 V 1200 CA



BB12-1200

Ah	Kg		
28	23	1	BB12-1200

Booster 12/24 V 1520/760 CA



BB1224-760

Ah	Kg		
22	23	1	BB1224-760

Booster 12/24 V 2400/1200 CA



BB1224-1200

Ah	Kg		
28	24	1	BB1224-1200

Booster 24 V 1200 CA



BB24-1200

Ah	Kg		
28	24	1	BB24-1200

Booster chargers BBBC2A to be used with BB24-1200; BBC4A to be used with B12-760, BB12-1200, BB1224-760, BB1224-1200



BBBC

Kg	mm		
0.63	215x130x60	1	BBBC2A
0.63	215x130x60	1	BBBC4A

Booster charger plugs for Australia and UK



BBBCAB

Kg	mm		
0.13	50x125x50	1	BBBCAB-AUZ
0.13	50x125x50	1	BBBCAB-UK

12 V Digital battery tester



BBT20

Kg	mm		
1.34	345x168x90	10	BBT20

AUTO ELECTRIC TOOLS AND EQUIPMENT

6 & 12 V Digital battery tester



BBT30

Kg	mm		
1.92	80x370x255	12	BBT30

6 & 12 V Digital battery tester with printer



BBT40

Kg	mm		
1.92	80x370x255	6	BBT40

Memory saver 12 V



BELS12

Kg	mm		
0.29	60x650x160	1	BELS12

Socket tester 7 PIN 12 V



BELT127

Kg	mm		
0.38	60x650x160	1	BELT127

**Socket tester 7 PIN 24 V (24N)
4 m long cable**



BELT247N

Kg	mm		
1.44	105x260x210	1	BELT247N

**Socket tester 7 PIN 24 V (24S)
4 m long cable**



BELT247S

Kg	mm		
1.44	105x260x210	1	BELT247S

**Socket tester 15 PIN 24 V
4 m long cable**



BELT2415

Kg	mm		
1.44	105x260x210	1	BELT2415

**Socket tester with simulator 13 PIN 12 V
4 m long cable**



BELT1213

Kg	mm		
0.71	60x650x160	1	BELT1213

**Lambda sensor testers
Zirconia lambda probes (0-1 V) and
Titania (0-5 V)**



BELT10

Kg	mm		
0.71	60x650x160	1	BELT10

IR & RF Key tester



BELTKEY

Kg	mm		
0.71	280x170x50	1	BELTKEY

12/ 24 V Peak protector



BELP1224

Kg	mm		
0.215	60x650x160	1	BELP1224



Terminal set 16 pieces



BELTRP16

Kg	mm		
0.9	265x60x215	1	BELTRP16

GARAGE EQUIPMENT

Corded hand lamp 11 Watt
600 LUX output; IP rating 54



BL11W

Kg	mm		
0.72	55x440x120	1	BL11W

Cordless tubular LED
lamps 30, 60 & 80 LED's
1200/1700/2000 LUX; IP rating 54



BL30/BL60/BL80

Kg	mm		
0.35	60x320x110	1	BL30
0.42	60x365x120	1	BL60
0.48	60x405x120	1	BL80

Universal wall charger for BL30, BL60
and BL80



BL30/60/80 WC

Kg	mm		
0.14	80x70	1	BL30WC
0.14	80x70	1	BL60/80WC

Cigarette lighter charger for BL30, BL60
and BL80



BL30/60/80CLC

Kg	mm		
0.04	90x35	1	BL30/60/80C LC

15 LED cordless compact lamp
1000 LUX output; IP rating 65



BL15

Kg	mm		
0.175	75x355x85	1	BL15

Wall charger for BL15



BL15WC

Kg	mm		
0.12	80x70	1	BL15WC

12/24 V Car charger for BL15



BL15CLC

Kg	mm		
0.04	90x35	1	BL15CLC

Rubber coated magnet for BL15



BL15MAG

Kg	mm		
0.02	18x29	1	BL15MAG

Charging dock for BL15



BL15BASE

Kg	mm		
0.10	65x75x85	1	BL15BASE

Corded task lamp, 42 & 84 Watt
LUX rating: 685/1200; IP rating: 54



BLW42W/BLW84W

Kg	mm		
3.7	370x270x200	1	BLW42W
3.8	370x270x200	1	BLW84W

Cordless under bonnet work light,
120 LEDs LUX output: 500;
IP Rating: 54



BLX120

Kg	mm		
2.96	90x1185x185	1	BLX120



GARAGE EQUIPMENT

Universal wall charger for BLX120



BLX120WC

Kg	mm		
0.215	50x265x55	1	BLX120WC

Inspection camera



BE200

Dim. mm	Weight kg		
120x410x335	2.3	1	BE200

Videoscope



BE210

Dim. mm	Weight kg		
120x410x335	2.7	1	BE210
42x76x70	0.2	1	ZHVIDEOBAT
42x76x70	0.250	1	ZHVIDEOCHA

Mirrors and magnetic tips



BE200M

Compatible	Angle		
5.5, 5.8 mm	-	1	BE200MAG55
8 mm	-	1	BE200MAG80
5.5, 5.8 mm	35°	1	BE200MIR5535
5.5, 5.8 mm	45°	1	BE200MIR5545
5.5, 5.8 mm	55°	1	BE200MIR5555
8 mm	35°	1	BE200MIR8035
8 mm	45°	1	BE200MIR8045
8 mm	55°	1	BE200MIR8055

Lens cables
Suitable for BE200 and BE210



BE200C

Length m	Diameter mm		
10	25.0	1	BE200CAB250SH10
25	25.0	1	BE200CAB250SH25
3	25.0	1	BE200CAB250SH3
1	4.0	1	BE200CAB40F1
1	5.5	1	BE200CAB55F1
3	5.5	1	BE200CAB55F3
1	5.8	1	BE200CAB58SR1
3	5.8	1	BE200CAB58SR3
1	8.0	1	BE200CAB80SR1
3	8.0	1	BE200CAB80SR3

Garage stethoscope



BE220

Kg	mm		
2.96	135x350x260	1	BE220

Polyscope



5050

mm		
1000	1	5050

Single piston transmission jacks



BH5SP300/BH5SP500

Height mm	Capacity Kg		
1160-1960	300	1	BH5SP300
1160-1960	500	1	BH5SP500

Universal saddle
Capacity 500 kg



BH5US500

Kg	mm		
14	240x960x340	1	BH5US500

Foldable crane 1 T
Max Height 2 m



BH6FC1000

Kg	cm		
75	41x167x50	1	BH6FC1000

Adjustable engine sling
Capacity 680 kg



BH6AC1-680

Kg	mm		
6.7	70x680x220	1	BH6AC1-680

Engine support bar
Capacity 500 kg



BH8AC1-500

Kg	mm		
6.7	70x680x220	1	BH8AC1-500

Geared engine stand
Capacity 450 kg



BH8AC2-450

Kg	mm		
41.5	240x960x340	1	BH8AC2-450

Hydraulic wheel dolly
Capacity 500 kg



BH8AC3-500

Kg	mm		
88.5	1000x1008x9	1	BH8AC3-500

Jack stands sold in pairs



BH33000/BH36000

Capacity Kg	Height mm		
3000	288-425	1	BH33000
6000	395-605	1	BH36000

Heavy duty jack stands



BH3HD

Capacity Kg	Height mm		
8000	385-600	2	BH3HD8000
12000	345-515	2	BH3HD12000
16000	480-720	2	BH3HD16000
20000	745-1200	1	BH3HD20000

Bottle jacks



BH4

Height mm	Capacity T		
172-272	2	1	BH42
212-468	5	1	BH45
220-483	10	1	BH410
231-498	15	1	BH415
241-521	20	1	BH420
244-492	30	1	BH430

Extra long entrance trolley jack 1.5 T



BH11500

Height mm	Capacity T		
70-610	1.5	1	BH11500





GARAGE EQUIPMENT

Extra low entrance trolley jack 2 T





BH12000

Height mm	Capacity T		
70-490	2	1	BH12000

Aluminium trolley jack 2.5 T




BH1A2500

Height mm	Capacity T		
95-485	2.5	1	BH1A2500

Extra high elevation trolley jack 3 T





BH13000

Height mm	Capacity T		
90-552	3	1	BH13000

Extra long trolley jack 5 T





BH15000

Height mm	Capacity T		
150-680	5	1	BH15000

Extra long trolley jack 10 T





BH110000

Height mm	Capacity T		
160-685	10	1	BH110000

Air-hydraulic compact jack 30/15T





BH23015C

Height mm	Capacity T		
150-409	30/15	1	BH23015C

Air-hydraulic jack 30/15 T




BH23015

Height mm	Capacity T		
150-408	30/15	1	BH23015

Air-hydraulic jack 40/20/10 T





BH2402010

Height mm	Capacity T		
125-399	40/20/10	1	BH2402010

Air-hydraulic jack 60/40/20 T



BH2604020

Height mm	Capacity T		
150-432	60/40/20 T	1	BH2604020

Heavy duty saddles



BH2AC60

Kg	mm		
1	100x150x150	1	BH2AC60V110
1	100x150x150	1	BH2AC60-140

Portable ram sets 4 T and 10 T



BH8PR

Kg	T		
20	10	1	BH8PR10000
38.5	4	1	BH8PR4000

Air vacuum centre



BLE200

mm	V		
865x610x960	230-240	1	BLE200

Laser head light tester and optional railtrack



BLBT100

Kg	mm		
40.5	330x1700x63	1	BLBT100

Cartridge grease pump



BOD5400/BOD5450

Kg	mm		
1.415	57x385x120	1	BOD5400
1.415	61x425x135	1	BOD5450

Heavy duty cartridge grease pump



BOD5HD400

Kg	mm		
1.594	66x390x100	1	BOD5HD400

BODY SHOP TOOLS AND EQUIPMENT

2 Double suction cups and belt



BBS150

Diam. mm	Lenght mm		
120	400	1	BBS150

Windscreen wiper puller Universal for European fleet



BBS160

Kg	mm		
0.14	30x65x30	1	BBS160

Car panel protector



BBS50

Kg	mm		
0.620	900x580	1	BBS50





BODY SHOP TOOLS AND EQUIPMENT

Trim remover 12 pieces



BBS20P12

Kg	mm		
0.150	18x290x165	1	BBS20P12

Air bag removal tool set
12 pieces (VW, Audi, Mercedes, BMW, Opel, Renault...)



BBS100

Kg	mm		
1.240	44x260x150	1	BBS100

Set of 4 body work scrapers



2220

Pieces		
4	1	22209004B





Extractors



EXTRACTORS

Universal Two Arm Pullers



4532

mm		
20-80/60-100	1	4532-0
25-80/70-130	1	4532-A
25-130/80-180	1	4532-B
50-160/105-220	1	4532-C
60-200/120-270	1	4532-D
80-250/160-330	1	4532-E
80-350/160-420	1	4532-F
110-520/195-600	1	4532-G
170-640/260-715	1	4532-H

Pair of Spare Arms in Standard Lengths



4532K

For Extractors		
4532-0	1	4532K0
4532-A-B	1	4532K1
4532-C-D	1	4532K2
4532-E-G	1	4532K3
4532-H	1	4532K4

Pair of Spare Arms in Special Lengths



4532LK

mm	For Extractors		
200	4532-A-B	1	4532LK1
300	4532-C-D	1	4532LK2
300	4532-E-G	1	4532LK3
400	4532-E-G	1	4532LK4
500	4532-E-G	1	4532LK5

Spare Spindles



4532/S

For Extractors		
4532-0-A-B	1	4532-OAB/S
4532-C-D	1	4532-CD/S
4532-E-F-G	1	4532-EFG/S
4532-H	1	4532-H/S

Two Arm Puller Set, Sales Display 4532-A to E



4532ST/5

sizes		
4532-A - E	1	4532ST/5

Three and Multi-Arm Pullers



4533

mm		
150-700	1	4533HP
150-700	1	4533M

Hydraulic Rams



4529

To/Nm		
8 / 60	1	4529-8
15 / 70	1	4529-15

Two Arm Pullers



4541

mm		
20-150	1	4541-A
40-200	1	4541-B

Two Arm Pullers



1 - 2

3 - 4

4537

mm		
20-170	1	4537-1
20-230	1	4537-2
50-300	1	4537-3
50-350	1	4537-4

Three Arm Pullers



4542

mm		
20-150	1	4542-A
40-200	1	4542-B

Three Arm Pullers



M1 - M2



M3 - M5

4528M

mm		
20-170	1	4528M1
20-230	1	4528M2
50-300	1	4528M3
50-350	1	4528M4
50-400	1	4528M5

Hydraulic Three Arm Pullers



4528

mm		
50-350	1	4528-1
50-300	1	4528K1
50-350	1	4528K2
50-400	1	4528K3
50-450	1	4528K4
50-500	1	4528K5

Two and Three Arm Pullers



4543-1



4543-10

4543

mm		
10-60	1	4543-1
10-70	1	4543-2
10-90	1	4543-3
10-60	1	4543-10
10-70	1	4543-20
10-90	1	4543-30

Spare Spindles



4543/S

For Extractors		
4543-1-10	1	4543-1/S
4543-2-20	1	4543-2/S
4543-3-30/4614-1	1	4543-3/S

Three Arm Pullers



4544

mm		
100	1	4544-1
120	1	4544-2
160	1	4544-3
250	1	4544-4
100	1	4544-10
120	1	4544-20
160	1	4544-30

Universal Hub Puller



4518

n.arms-mm		
3-225	1	4518-3
4-225	1	4518-4
5-225	1	4518-5

Ball Joint Pullers



4545

Ø mm		
18x40x35	1	4545-1
25x50x45	1	4545-2
29x60x55	1	4545-3
40x80x80	1	4545-4
46x90x100	1	4545-5

Universal Ball Joint Pullers



4545-N1

4545-N2

4545-N

Ø mm		
18-22x50	1	4545-N1
20x50	1	4545-N2

Separators



4551

For Extractors		
4552-1	1	4551-A
4552-1	1	4551-B
4552-2	1	4551-C
4552-3	1	4551-D



EXTRACTORS

Pullers for Separators



4552

mm		
30-115/150	1	4552-1
60-210/210	1	4552-2
60-295/315	1	4552-3

Multiple Extractor, 5 Pieces



4540

mm		
65-140	1	4540-17
75-250	1	4540-25

Ball Bearing Internal Extractors



4521N

mm		
5-7	1	4521N-00
7-9	1	4521N-0
9-12	1	4521N-A
10-13	1	4521N-B
13-17	1	4521N-C
14-19	1	4521N-D

mm		
16-21	1	4521N-E
18-23	1	4521N-F
20-25	1	4521N-G
25-30	1	4521N-H
30-37	1	4521N-I
35-42	1	4521N-K
38-45	1	4521N-L
43-50	1	4521N-M
40-75	1	4521N-S
70-115	1	4521N-T

Counter Stay Devices



4522

For Extractors		
4521N-00-M	1	4522-1
4521N-S-T	1	4522-2

Complete Workshop Puller Assortment



4521N/7

1	4521N/7

Sliding Hammer Pulling Bar



4523G

For Extractors		
4521N-00/E	1	4523G

Sliding Hammer



4524G

For Extractors		
4521N - F-M	1	4524G

Ball Bearing Pullers without Arms



4581N-4583N

For arms		
4581NA,4581NB	1	4581N-1
4581NB2,4581NC	1	4582N-1
4581NC,4582NA	1	4582N-2
4582NA,4583NA	1	4583N-1
4582NA,4582NB	1	4583N-2

Spare Arms



4581NA-4583NB

For Extractors		
4581N-1	1	4581NA
4581N-1	1	4581NB
4582N-1	1	4581NB2
4582N-1,4582N-2	1	4581NC
4582N-1,4583N-2	1	4582NA
4582N-2,4583N-2	1	4582NB
4583N-1	1	4583NA
4583N-1,4583N-2	1	4583NB

Set of Ball Bearing Pullers



4580N/7



1 4580N/7

Two Arm Pullers



4614

mm		
6-100	1	4614-1
10-140	1	4614-2

Pullers with Clamp



4519

mm		
20-100x170	1	4519-1
40-150x270	1	4519-2
40-150x330	1	4519-3

Spare Spindles



4519/S

For Extractors		
4519-1,4542-B	1	4519-1/S
4519-2,4519-3	1	4519-2/S

Hydraulic Nut Splitter



4610

M		
4-14	1	4610-1

Mechanical Nut Splitter



4611

mm		
6-36	1	4611-3

Stud Removers



4553

mm		
5-20	1	4553

Stud Removers



4591-4593

mm		
4-13	1	4591
8-19	1	4592
17-26	1	4593

Set of Puller and Separator Assortment



4574



1 4574

Puller Assortment



4576



1 4576

Set of Pullers for Car Maintenance



4577



1 4577



EXTRACTORS

Stud Extractors for Broken-Off Screws, Bolts and Studs



1420-1424

M			
3-6	1	1420-1.4	
6-8	1	1421-2.1	
8-11	1	1422-3.1	
11-14	1	1423-4.8	
14-18	1	1424-6.2	

Stud Extractor Set



1435/5

M			
3-18	1	1435/5	

Stud Extractor Set



1435/8

M			
3-45	1	1435/8	

Stud Extractors



1411-1415

M			
5-6	1	1411-3.2	
8	1	1412-4.8	
10	1	1413-6.4	
12	1	1414-8	
14-16	1	1415-8.7	

Stud Extractors for Broken-Off Screws, Bolts and Studs Set



1418S

M			
5-16	1	1418S	

Guide brushes



1418A-K

∅			
6	1	1418A	
8	1	1418B	
9	1	1418C	
10	1	1418D	
10	1	1418E	
11	1	1418F	
12	1	1418G	
13	1	1418H	
13	1	1418I	
14	1	1418K	

Set of Stud Extractors for Broken Screws



1419/4

1		1419/4	

Set of Thread-Cutting Tools



1460M/1

1		1460M/1	

Set of Thread-Cutting Tools



1460M/2

1		1460M/2	

Set of Thread-Cutting Tools



1460Z/2



1 1460Z/2

Tap Wrenches



600

mm		
3-10	6	600.003.010
5-12	1	600.005.012

Double Thread Restorers



1450D-ISO

mm		
5-27	1	1450D-ISO

Double Thread Restorers



1450D-WW

inch		
3/16-1	1	1450D-WW

Double Thread Restorers Set



1450D/2



1 1450D/2

PRY BARS

Combination Cotter Pin Extractor and Spreader



2632

mm		
170	1	2632

Special pry bar



3680

mm		
400	1	3680

Lever



3683

mm		
400	1	3683

Pry bar, rolling head



3681

mm		
304	1	3681-11
406	1	3681-16
508	1	3681-20

Pinch Bar



3684

mm		
406	1	3684-16
457	1	3684-18
609	1	3684-24
762	1	3684-30

Set of 4 pry bars, 200, 300, 450 and 600mm



2484/S4

mm		
640x115x35	10	2484/S4

Hooks and Picking Tools



2633/

12	2633/S4
12	2633L/S4

Tyre Levers



38-8 - 38-24

mm		
200	5	38-8
300	5	38-12
400	5	38-16
500	2	38-20
600	1	38-24



▶ PRY BARS

Tyre Lever, Special Bent Form



39-24

mm		
600	1	39-24

▶ COLD CHISELS

Flat Chisels



3740

mm		
100	5	3740-100
125	5	3740-125
150	5	3740-150
175	5	3740-175
200	5	3740-200
250	5	3740-250
300	5	3740-300

Flat Chisels



SB-3740

125	5	SB-3740-125
150	5	SB-3740-150
175	5	SB-3740-175
200	5	SB-3740-200
250	5	SB-3740-250
300	5	SB-3740-300

Cape Chisels



3745

mm		
150	5	3745-150
175	5	3745-175
200	5	3745-200
250	5	3745-250

Slitting Chisels



3750

mm		
240	5	3750

Chisel with Safety Impact Head



3750H

mm		
240	2	3750H

Mason's Chisels



3736M

mm		
250	5	3736M-250
300	5	3736M-300
400	5	3736M-400

Mason's Chisel with Safety Head Impact



3736MH

mm		
250	2	3736MH-250
300	2	3736MH-300
400	2	3736MH-400

Pointed Chisels



3739-250 / -400

mm		
250	5	3739-250
300	5	3739-300
400	5	3739-400

Pointed Chisel with Safety Impact Head



3739H

mm		
250	2	3739H-250
300	2	3739H-300
400	2	3739H-400

▶ PUNCHES

Centre Punches



3735

Ø mm		
4x120	5	3735-4-120
5x120	5	3735-5-120
5x150	5	3735-5-150

Centre Punches with Hexagonal Shank



3735N

Ø mm		
2x100	1	SB-3735N-2-100
4x120	1	SB-3735N-4-120
5x120	1	SB-3735N-5-120
6x150	1	SB-3735N-6-150
8x150	1	SB-3735N-8-150

Centre Punches



1157

mm		
2x130	25	1157

Drift Punches



3733

Ø mm		
2-120	5	3733-2
3-120	5	3733-3
4-120	5	3733-4
5-120	5	3733-5
6-120	5	3733-6

Drift Punches



3734

Ø mm		
2-150	5	3734-2
3-150	5	3734-3
4-150	5	3734-4
5-150	5	3734-5
6-150	5	3734-6
8-150	5	3734-8

Drift Punches



3734N

Ø mm		
2-150	1	SB-3734N-2-150
3-150	1	SB-3734N-3-150
4-150	1	SB-3734N-4-150
5-150	1	SB-3734N-5-150
6-150	1	SB-3734N-6-150
7-150	1	SB-3734N-7-150
8-150	1	SB-3734N-8-150
10-150	1	SB-3734N-10-150

Automatic Punch



3735-AU

mm		
130	1	3735-AU

Nail Punches



3732

Ø mm		
2x125	1	SB-3732-2-125
2.5x125	1	SB-3732-2.5-125
3.2x125	1	SB-3732-3.2-125
4x125	1	SB-3732-4-125

Set of Chisels



3736S/6

1	3736S/6

Set of Drift Punches



3734S/6

Ø mm		
2-8 x 150	1	3734S/6

Centre Punches with Hand Protection



3643

Ø mm		
3	5	3643-100
4	5	3643-120
5	5	3643-150

Drift Punches with Hand Protection



3644

Ø mm		
2x120	5	3644-120
3x125	5	3644-125
4x130	5	3644-130
4x150	5	3644-150
5x165	5	3644-165
6x180	5	3644-180
8x200	5	3644-200

Drift Punches with Hand Protection



3646

Ø mm		
2x115	5	3646-115
3x125	5	3646-125
4x150	5	3646-150
5x165	5	3646-165
6x180	5	3646-180
8x200	5	3646-200

Drift Punches with Hand Protection



3658A

Ø mm		
2x150	5	3658A-2
3x150	5	3658A-3
4x150	5	3658A-4
5x150	5	3658A-5
6x150	5	3658A-6
8x150	5	3658A-8





PUNCHES

Drift Punches with Hand Protection, Tool Set



3646/6

Ø mm		
2-8	1	3646/6

Set of Drift Punches with Hand Protection



3658A/6

Ø mm		
2-8x150	1	3658A/6

Drift Punches with Knurled Guide Sleeve



3659

Ø mm		
0,9	5	3659-0.9
1,4	5	3659-1.4
1,8	5	3659-1.8
2,4	5	3659-2.4
2,8	5	3659-2.8
3,4	5	3659-3.4
3,9	5	3659-3.9
6,0	5	3659-6.0

Set of pin punches



3659/8

Ø mm		
0,9-6,0	1	3659/8

Set of 8 Punches in Plastic Wallet



3659/8T

Ø mm		
0,9-6,0	1	3659/8T



SETS

Tool Set, 6 pieces



3654R

1	3654R

Tool Set, 10 pieces



3656/10

1	3656/10



Tool storage



TOOLBAG

Toolbag



3100TB

mm		
600x400x400	1	3100TB

Plumber's leather case



9508

mm		
430x180x180	1	950800000

TOOL HOLDERS COLLECTIONS

Universal pouch



4750-UP

mm		
290x100x260	1	4750-UP-1

Electricians' pouch



4750-EP

mm		
320x100x250	1	4750-EP-1

Drill holster



4750-DHO

mm		
320x60x210	1	4750-DHO-1

Drill holster & pouch



4750-DHOP-1

mm		
340x300	1	4750-DHOP-1

Two pocket fixings pouch



4750-2PP

mm		
280x90x230	1	4750-2PP-1

Three pouch belt set



4750-3PB

mm		
270x800x400	1	4750-3PB-1

Hammer holder



4750-HHO

mm		
160x20x100	1	4750-HHO-2

Squeeze knife holder



4750-KNHO-1

mm		
250x110x45	1	4750-KNHO-1

Knee pads



4750-KP

mm		
220x50x170	1	4750-KP-1

Vertical mobile phone holder



4750-VMPH-1

mm		
85x30x140	1	4750-VMPH-1

Horizontal mobile phone holder



4750-HMPH-1

mm		
	1	4750-HMPH-1

Small Mobile Phone Holder-Vertical



4750-VMPH-2

mm		
60x120	1	4750-VMPH-2

Horizontal Small Mobile Phone Holder



4750-HMPH-2

mm		
125x60	1	4750-HMPH-2

Leather Belt Black M=77cm-95cm and L=93cm-115cm



4750-LBBLM/LBBLL-1

cm		
93-115	1	4750-LBBLL-1
77-95	1	4750-LBBLM-1

Leather belt brown m=77-95cm; L=93-115cm



4750-LBBRM/LBBRL-1

cm		
93-115	1	4750-LBBRL-1
77-95	1	4750-LBBRM-1

Heavy-duty leather belt



4750-HDLB

mm		
1330x25x50	1	4750-HDLB-1

Heavy Duty Leather Belt with Cushion



4750-HDB-1

mm		
	1	4750-HDB-1

Quick release belt



4750-QRLB

mm		
1430x20x60	1	4750-QRLB-1

Heavy Duty Belt Set



4750-HDBS-1

mm		
	1	4750-HDBS-1

Junior three pouch belt set



4750-JU3PB

mm		
50x400x240	1	4750-JU3PB-1

Measuring Tape Holder



4750-MTHO-1

mm		
	1	4750-MTHO-1

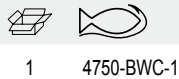


TOOL HOLDERS COLLECTIONS

Braces with Clips



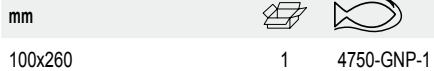
4750-BWC-1



Nail Gun Pouch



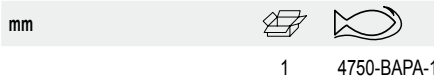
4750-GNP-1



Back Pack



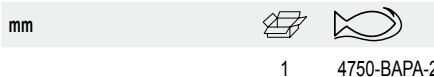
4750-BAPA-1



Back Pack



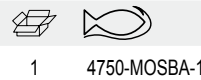
4750-BAPA-2



Mono Shoulder Bag



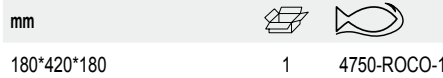
4750-MOSBA-1



Roll Cover for Tools



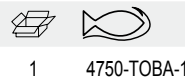
4750-ROCO-1



Tool Bag



4750-TOBA-1



Tool case with spirit level holder



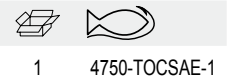
4750-TOCSSL-1



Tool Case



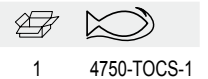
4750-TOCSAE-1



Tool case small



4750-TOCS-1



Tool case tube



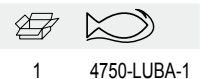
4750-TOCST-1



Lunch Bag



4750-LUBA-1



Front Opening Leather Tool Case



4750-FOLTC-1

mm		
440 x 270	1	4750-FOLTC-1

Synthetic Leather Tool Case



4750-SLTC-1

mm		
410 x 270	1	4750-SLTC-1



TOOL STORAGE

5 Drawer Trolley



1470K5

kg	mm		
60.85	954x667x501	1	1470K5

6 Drawer Trolley



1470K6

kg	mm		
65.55	954x677x501	2	1470K6

7 Drawer Trolley



1470K7

kg	mm		
68.2	954x677x501	2	1470K7

4 Drawer Top Chest



1480K4

kg	mm		
40.5	395x677x501	1	1480K4

6M Open-End Spanners, T3



6M/T3/5

1	6M/T3/5
1	6M-SBS10/T3/E

6M Open-End Spanners, T12



6M/T12/7

1	6M/T12/7
1	6M/T12/E

SBS Series Open-End Spanners, T3



SBS10/T3/5

1	SBS10/T3/5
1	6M-SBS10/T3/E

SBS Series Open-End Spanners, T12



SBS10/T12/6

1	SBS10/T12/6
1	SBS10/T12/E

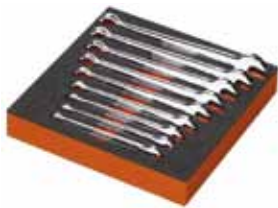
/E: Empty inlay





TOOL STORAGE

111M Series Combination Spanners, T4



111M/T4/9



1	111M/T4/9
1	111M-SBS20/T4/E

111M Series Combination Spanners, T6



111M/T6/6



1	111M/T6/6
1	111M-SBS20/T6/E

111M Series Combination Spanners, T15



111M/T15/6



1	111M/T15/6
1	111-SBS20/T15/E

SBS Series Combination Spanners, T4



SBS20/T4/9



1	SBS20/T4/9
1	111M-SBS20/T4/E

SBS Series Combination Spanners, T6



SBS20/T6/6



1	SBS20/T6/6
1	111M-SBS20/T6/E

SBS Series Combination Spanners, T15



SBS20/T15/6



1	SBS20/T15/6
1	111-SBS20/T15/E

1RM Ratchet Combination Spanners, T2



1RM/T2/4



1	1RM/T2/4
1	1RM/T2/E

1RM Ratchet Combination Spanners, T6



1RM/T6/8



1	1RM/T6/8
1	1RM/T6/E

2M Series Double Ended Ring Spanners, T8



2M/T8/7



N. pieces mm



1	2M/T8/7
1	2M-SBS30/T8/E

2M Series Double Ended Ring Spanners, T10



2M/T10/5



1	2M/T10/5
1	2M/T10/E

SBS Series Double Ended Ring Spanners, T8



SBS30/T8/7



1	SBS30/T8/7
1	2M-SBS30/T8/E

SBS Series Double Ended Ring Spanners, T10



SBS30/T10/4



1	SBS30/T10/4
1	SBS30/T10/E

/E: Empty inlay

4040M Flex-Head Spanners, T12



4040M/T12/8



- 1 4040M/T12/8
- 1 4040M-SBS50/T12/E

SBS Series Flex-Head Spanners, T12



SBS50/T12/8



- 1 SBS50/T12/8
- 1 4040M-SBS50/T12/E

7800SM 1/2", Hex, Socket Set, T12



7800SM/T12/26



- 1 7800SM/T12/26
- 1 7800SM/T12/E

7800DM 1/2" Double Hex. Socket Set, T12



7800DM/T12/27



- 1 7800DM/T12/27
- 1 7800DM/T12/E

SBS Series 1/2" Socket Set, T20



SBS80/T20/29



- 1 SBS80/T20/29
- 1 SBS80/T20/E

6700SM 1/4" Socket Set, T4



6700SM/T4/19



- 1 6700SM/T4/19
- 1 6700SM/T4/E

SBS Series 1/4" Socket Set, T4



SBS60/T4/21



- 1 SBS60/T4/21
- 1 SBS60/T4/E

7400SM 3/8" Socket Set, T8



7400SM/T8/23



- 1 7400SM/T8/23
- 1 7400SM/T8/E

SBS Series 3/8" Socket Set, 23 pieces, T8



SBSF/T8/23



- 1 SBSF/T8/23
- 1 SBSF/T8/E

Screwdriver Set, Slotted and Phillips®, T10



BE009/T10/9



- 1 BE009/T10/9
- 1 BE009/T10/E

800 Series Screwdriver Set, T10



800S/T10/9



- 1 800S/T10/9
- 1 800S/T10/E

600 Series Screwdriver Set, T10



600S/T10/9



- 1 600S/T10/9
- 1 600S/T10/E

/E: Empty inlay



TOOL STORAGE

Screwdriver Set, Torx®, 7 pieces, T6



BE009/T6/7  

	
1	BE009/T6/7
1	BE009/T6/E

Screwdriver Set, Torx®, T8





BE009/T8/5  

	
1	BE009/T8/5
1	BE009/T8/E

800 Series Screwdriver Set, Torx®, T8



800S/T8/9

	
1	800S/T8/9
1	800S/T8/E

Screwdriver Set, Hexagon Ball Point, T12





BE009/T12/8  

	
1	BE009/T12/8
1	BE009/T12/E

900 Series T-Handle Hexagon Screwdriver Set, T18





900T/T18/8

	
1	900T/T18/8
1	900T/T18/E

900 Series T-Handle Torx® Screwdriver Set, T18



901T/T18/7

	
1	901T/T18/7
1	901T/T18/E

Plier Set, Chrome-Plated, T8



EPCP/T8/4 

	
1	EPCP/T8/4
1	EPCP-P/T8/E

Plier Set, Phosphated, T8





EPP/T8/4 

	
1	EPP/T8/4
1	EPCP-P/T8/E

Circlip Plier Set, T8





2800-2900/T8/4

	
1	2800-2900/T8/4
1	2800-2900/T8/E

Socket Drivers Torx® 1/2", T3





7809T/T3/9

	
1	7809T/T3/9
1	7809T/T3/E

Socket Drivers Hexagon 1/2", T8



7809M/T8/15

	
1	7809M/T8/15
1	7809M/T8/E

Engineering Files 8", T8



EF-1/T8/5 

	
1	EF-1/T8/5
1	EF-1/T8/E

/E: Empty inlay

Punching Mix Set, T15



MIX-H/T15/10

1	MIX-H/T15/10
1	MIX-H/T15/E

Nut Driver Set, T10



BE78/T10/8

1	BE78/T10/8
1	BE78/T10/E

Adjustable Wrench and Slip Joint Plier Set, Phosphated, T6



8224-9072P/T6/2

1	8224-9072P/T6/2
1	8224-9072/T6/E

Set of Adjustable Wrench + Slip Joint plier, Chrome-Plated, 2 Pieces



8224C-9072C/T6/2

1	8224C-9072C/T6/2
1	8224-9072/T6/E

Set of Grip Pliers + Hammer, T8



2951/T8/3

1	2951/T8/3
1	2951/T8/E

Measuring Set + Tester, T6



MSR/T6/4

1	MSR/T6/4
1	MSR/T6/E

Riveter and Revolving Punch Set, T8



2681-2635/T8/2

1	2681-2635/T8/2
1	2681-2635/T8/E

Cutting Tool Set, T15



CTTG/T15/5

1	CTTG/T15/5
1	CTTG/T15/E

Ratcheting Screwdriver and Bits, T6



808050/T6/41

1	808050/T6/41
1	808050/T6/E

Empty Module, 1 Compartment, T2



T2/E

1	T2/E

Empty Module, 7 Compartments, T3



T3/E

1	T3/E

Empty Module, 3 Compartments, T4



T4/E

1	T4/E

/E: Empty inlay



TOOL STORAGE

Empty Module, 3 Compartments, T6



T6/E



1 T6/E

Empty Module, 2 Compartments, T8



T8/E



1 T8/E

Empty Module, 7 Compartments, T10



T10/E



1 T10/E

Adaptors for Tool Trolleys 1470K
THAB-Horizontal, TVAB-Vertical



TVAB/THAB

mm x mm



519x9	1	THAB
444x21	1	TVAB

71 Piece Tool Assortment For Tool
Trolleys
8 Tool Modules for 3 Drawers



FCT71



1 FCT71

128 Piece Tool Assortment for Tool
Trolleys
11 Tool Modules for 4 Drawers



FCT128



1 FCT128

169 Piece Tool Assortment for Tool
Trolleys
14 Tool Modules for 5 Drawers



FCT169



1 FCT169

238 Piece Tool Assortment for Tool
Trolleys
22 Tool Modules for 7 Drawers



FCT238



1 FCT238

Mobile workbench



1450L-SP

mm



830x1100x660 1 1450L-SP

Mobile workbench



1450L

mm

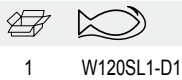


830x1100x660 1 1450L

Workbench 1.2m



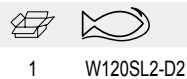
W120SL1-D1



Workbench, 1.2m



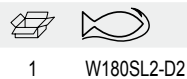
W120SL2-D2



Workbench, 1.8m



W180SL2-D2



Workbench, 1.8m



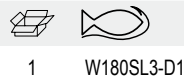
W180SL3



Workbench, 1.8m



W180SL3-D1



Workbench, 1.8m



W120SL1



Work Bench



9854

mm	1	985415000
1500x800x88	1	985415000
1850x800x88	1	985418500

Wall Tool Cabinet



9853

mm	1	985315000
1500x900x17	1	985315000
1850x900x17	1	985318500

Tool Cabinet



3365NL

mm	1	3365NL
800x650x270	1	3365NL

Wall Tool Cabinet



9852

mm	1	985200000
1020x600x22	1	985200000

Assortment of 86 tools



3365NM

1	3365NM
1	3365NM



TOOL STORAGE

Assortment of 175 tools



3370M



3370MW

3370M

mm		
800x650x270	1	3370M
	1	3370MW

Mechanic's Tool Boxes



3126N/3128N

mm		
520x215x300	1	3126N
470x215x240	1	3128N

Mason's Tool Box



9600

mm		
535x210x250	1	960000010
535x290x290	1	960000020
685x330x330	1	960000030
835x370x370	1	960000040
1000x500x50	1	960000050
685x330x330	1	96000B030
835x370x370	1	96000B040

Mechanic's Tool Boxes



A3362L/A3364L

mm		
500x660x305	1	A3362L
390x660x305	1	A3364L

Garage Tool Boxes



3140N/3141N/3149

mm		
470x200x150	1	3140N
470x200x200	1	3141N
530x200x200	1	3149

Metal Tool Box



9601

mm		
300x210x190	1	960100010
400x210x190	1	960100020
500x210x190	1	960100030
400x210x250	1	960100050
500x210x250	1	960100060

Slide, Set of Two



1490RS

pcs	mm		
2	45x350x14	1	1490RS

Swivel castor (2)



1490RSC

pcs	mm		
2	170x110x70	1	1490RSC

Fix castor (2)



1490RFC

pcs	mm		
2	170x110x55	1	1490RFC

Tool Trolley 8 drawers



3395L

mm		
1025x680x460	1	3395L

Plastic Toolbox, Empty



PTB201390/PTB201420

mm		
190x390x210	4	PTB201390
230x420x230	4	PTB201420

Plastic Toolbox, Empty



PTB202510/PTB202660

mm		
290x510x280	4	PTB202510
290x660x270	2	PTB202660

Plastic Toolbox, Empty



PTB2025102/PTB2026602

mm		
290x510x280	4	PTB2025102
290x660x270	2	PTB2026602

Plastic Toolbox, Empty



PTB252560

mm		
340x560x340	2	PTB252560

Plastic Toolbox, Empty



PTB253580

mm		
310x580x340	2	PTB253580

Plastic Toolbox, Empty



PTB303440

mm		
330x440x250	3	PTB303440

Plastic Toolbox, Empty



PTB101440

mm		
260x440x260	4	PTB101440

Plastic Toolbox, Empty



PTB105490/PTB105550

mm		
220x490x230	2	PTB105490
260x550x270	2	PTB105550



TOOL STORAGE

Plastic Toolbox, Empty



PTB102390

mm		
360x390x140	4	PTB102390

Plastic Toolbox, Empty



PTB103390

mm		
360x390x150	4	PTB103390

Plastic Toolbox, With Empty Organizers



PTB402105

mm		
330x280x250	4	PTB402105

Plastic Organizer, Empty



PTB401165-6

mm		
35x165x120	24	PTB401165-6

Plastic Organizer, Empty



PTB402210-6

mm		
35x210x12	24	PTB402210-6

Plastic Organizer, Empty



PTB402280-6

mm		
40x280x180	12	PTB402280-6

Plastic Organizer, Empty



PTB402380-12

mm		
40x280x180	12	PTB402380-12

Plastic Organizer, Empty



PTB402280-18

mm		
280x180x40	12	PTB402280-18

Plastic Organizer, Empty



PTB402275-19

mm		
40x275x180	12	PTB402275-19

Plastic Organizer, Empty



PTB402355-24

mm		
50x355x23	8	PTB402355-24

Plastic Organizer, Empty



PTB402355-30

mm		
50x355x220	8	PTB402355-30





SETS

Tool Kit, 66pcs, 9850 UK Plug, 9851 Euro Plug



9850/9851

mm  
490x390x120 1 9850

Tool Kits, Pliers, Screwdrivers, Tweezer, Adjustable Wrench



9841

 
1 9841

Service Kit in Zipped Wallet, Pliers, Adjustable Wrench, Screwdrivers



9845

 
1 9845

High Quality Service Kit, Pliers, Screwdrivers, Tweezers, Adjustable Wrench



9848

 
1 9848

Tool Kit, 17 tools



9852

 
1 9852







Insulated Tools

 1000V 09
IEC60900 : 2004





PLIERS

Side Cutting Pliers, 3 Layer Insulated For Hard Wire



2171V EN60900

mm		
160	2	2171V-160
180	2	2171V-180

1000 V Heavy Duty Side Cutting Pliers



2191V EN60900

mm		
180	2	2191V-180
200	2	2191V-200

Side Cutting Pliers with Progressive Edges, 1000 V Insulated Handles For Piano Wire and Softer Materials like Plastic or Copper



2101S EN60900

mm		
140	3	2101S-140
180	3	2101S-180
200	3	2101S-200
160	3	2101S-160

1000 V End Cutting Pliers



527V EN60900

mm		
160	2	527V-160
200	2	527V-200

1000 V Combination Pliers



2678V EN60900

mm		
160	2	2678V-160
180	2	2678V-180
200	2	2678V-200

Combination Pliers, 1000 V Insulated Handles



2628S EN60900

mm		
180	3	2628 S-180
200	3	2628 S-200

Snipe Nose Pliers, 1000 V Insulated Handles For Hard Steel Wire



2430V EN60900

mm		
160	2	2430V-160
200	2	2430V-200

Snipe Nose Pliers Long, 1000 V Insulated Handles For Hard Steel Wire



2430S EN60900

mm		
200	3	2430 S-200

1000 V Snipe Nose Pliers 60°



2427V EN60900

mm		
200	2	2427V-200

Snipe Nose Pliers, Bent Tip 60° Hard Steel Wire - Insulated Model



2427S EN60900

mm		
200	3	2427 S-200

1000 V Flat Nose Pliers



2421V EN60900

mm		
160	2	2421V-160

1000 V Insulated Round Nose Pliers



2521V EN60900

mm		
160	2	2521V-160

1000 V Insulated Wire Stripping Pliers For Copper Wire and Cable



2223V EN60900

mm	Cable Ø	
167	0.5-5	2 2223V-160

1000 V Insulated Wire Cutting Stripping Pliers For Copper Wire and Cable



2223S EN60900

mm	Cable Ø	
167	0.5-5	3 2223 S-150

Cable Cutters, mm



2806 EN60900

mm		
255	2	2806-35V
340	1	2806-52V

1000 V Insulated Cable Cutter



2250V EN60900

mm		
170	2	2250V-170
230	2	2250V-230

1000 V Insulated Cable Cutter For Copper and Aluminium



2260V EN60900

mm		
210	2	2260V-210

Insulated Cable Cutter For Aluminium and Copper



2520S EN60900

mm		
552	1	2520 S

Bolt Cutter, mm



2820VBC EN60900

mm		
630	1	2820VBC

1000 V Groove joint pliers



6224V EN60900

mm		
250	2	6224V

1000 V Box joint pliers



2619V EN60900

mm		
250	2	2619V-250
300	2	2619V-300

Scissors, mm



SC127V EN60900

mm		
130	5	SC127V

Scissors, mm



SC150NGV EN60900

mm		
150	5	SC150NGV





WRENCHES & SPANNERS

Open End Wrenches



6MV EN60900

mm		
6	5	6MV-6
7	5	6MV-7
8	5	6MV-8
9	5	6MV-9
10	5	6MV-10
11	5	6MV-11
12	5	6MV-12
13	5	6MV-13
14	5	6MV-14
15	5	6MV-15
16	5	6MV-16
17	3	6MV-17
18	3	6MV-18
19	3	6MV-19
20	3	6MV-20
21	3	6MV-21
22	3	6MV-22
23	3	6MV-23
24	3	6MV-24
27	2	6MV-27
30	2	6MV-30
32	2	6MV-32



1000 V Insulated open end spanner set
8 pcs:10-11-12-13-14-17-18-19 mm



6MV/ EN60900

mm		
10-19	1	6MV/8T

Ring Wrench



2MV EN60900

mm		
6	5	2MV-6
7	5	2MV-7
8	5	2MV-8
9	5	2MV-9
10	5	2MV-10
11	5	2MV-11
12	5	2MV-12
13	5	2MV-13
14	5	2MV-14
15	5	2MV-15
16	5	2MV-16
17	3	2MV-17
18	3	2MV-18
19	3	2MV-19
21	3	2MV-21
22	3	2MV-22
23	3	2MV-23
24	3	2MV-24

T-Handle



28MV EN60900

mm		
8	2	28MV-8
9	2	28MV-9
10	2	28MV-10
11	2	28MV-11
12	2	28MV-12
13	2	28MV-13
14	2	28MV-14
15	2	28MV-15
16	2	28MV-16
17	2	28MV-17
18	2	28MV-18
19	2	28MV-19
20	2	28MV-20
21	2	28MV-21
22	2	28MV-22

Hexagonal Key Wrench



1999MV EN60900

mm		
3	5	1999MV-3
4	5	1999MV-4

mm		
5	5	1999MV-5
6	5	1999MV-6
7	5	1999MV-7
8	5	1999MV-8
9	5	1999MV-9
10	3	1999MV-10
12	5	1999MV-12

Cross Wrench



2820V EN60900

mm		
7-13	1	2820V13
8-17	1	2820V17

Adjustable Wrench



8070V - 8074V EN60900

mm		
150	2	8070V
200	2	8071V
250	2	8072V
300	2	8073V
375	2	8074V

1000 V Insulated Adjustable Wrench



8071VLT - 8073VLT EN60900

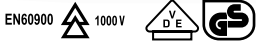
mm		
200	1	8071VLT
250	1	8072VLT
300	1	8073VLT

SOCKETS AND ACCESSORIES

1/2" Sockets, mm



7800DMV



mm			
8	10	7800DMV-8	
10	10	7800DMV-10	
11	10	7800DMV-11	
12	10	7800DMV-12	
13	10	7800DMV-13	
14	10	7800DMV-14	
15	10	7800DMV-15	
16	10	7800DMV-16	
17	10	7800DMV-17	
18	10	7800DMV-18	
19	10	7800DMV-19	
20	10	7800DMV-20	
21	10	7800DMV-21	
22	10	7800DMV-22	
24	5	7800DMV-24	
27	5	7800DMV-27	
30	5	7800DMV-30	
32	5	7800DMV-32	

1/2" Ratchet



8150-1/2V



mm			
270	1	8150-1/2V	

1/2" T-Handle



8154-1/2V



mm			
200x190	1	8154-1/2V	

Insulated Extensions



8160-1/2V - 8162-1/2V

mm			
125	1	8160-1/2V	
250	1	8162-1/2V	

Socket sets 1/2"



7811DMV



mm			
10-22	1	7811DMV	

SCREWDRIVERS

Insulated Screwdriver up to 1000 Volts, mm



BE-8010S - BE-8065S

mm			
0.4*2.5*75	5	BE-8010S	
0.5*3.0*100	5	BE-8220S	
0.6*3.5*100	5	BE-8230S	
0.8*4*100	5	BE-8040S	
1.0*5.5*125	5	BE-8050S	
1.2*6.5*150	5	BE-8255S	
1.2*8.0*175	5	BE-8065S	

Insulated Screwdriver up to 1000 Volts, Phillips®, PH mm



BE-8600S - BE-8640S

PH-mm			
0-75	5	BE-8600S	
1-80	5	BE-8610S	
2-100	5	BE-8620S	
3-150	5	BE-8630S	
4-200	5	BE-8640S	

Insulated Screwdriver up to 1000 Volts, Pozidriv® Screws, PZ mm



BE-8800S - BE-8840S

PZ-mm			
0-75	5	BE-8800S	
1-80	5	BE-8810S	
2-100	5	BE-8820S	
3-150	5	BE-8830S	
4-200	5	BE-8840S	

Insulated Screwdriver up to 1000 Volts, mm



BE-8725S - BE-8708S

Hex-mm			
2.5-100	5	BE-8725S	
3-125	5	BE-8703S	
4-75	5	BE-8704S	
5-75	5	BE-8705S	
6-150	5	BE-8706S	
8-100	5	BE-8708S	



SCREWDRIVERS

Insulated Screwdriver up to 1000 Volts, Torx® Head Screws, T mm



BE-8910S - BE-8930S

T-mm			
10-100	5	BE-8910S	
15-125	5	BE-8915S	
20-125	5	BE-8920S	
25-150	5	BE-8925S	
30-175	5	BE-8930S	

Ergo® combi tips Phillips® /slotted screwdrivers



BE-8510S - BE-8520S

Tip 1	Tip 2		
5 mm	PH 1	5	BE-8510S
6 mm	PH-2	5	BE-8520S

Ergo® combi tips Pozidriv® /slotted screwdrivers



BE-8710S - BE-8720S

mm-PZ			
5-1	5	BE-8710S	
6-2	5	BE-8720S	

Insulated Screwdriver Set up to 1000 Volts, for Slotted, Phillips® Head Screws, mm PH



BE-9881S

mm-PH			
3-4-5,5 / PH2	1	BE-9881S	

Insulated Screwdriver Set, for Slotted, Pozidriv® Head Screws, mm PZ



BE-9882S

mm-PZ			
3-4-5,5 / PZ1-2	1	BE-9882S	

Insulated Screwdriver Set up to 1000 Volts, for Slotted, Pozidriv® Head Screws, mm PZ



BE-9888S

mm-PZ			
2,5-3-4-5,5 / PZ0-2-3	1	BE-9888S	

Ergo® combi tip screwdrivers set



BE-9885S

pcs			
5	1	BE-9885S	

Insulated Screwdriver up to 1000 Volts, Slotted Head Screws, mm



813VDE

mm			
0.5*3.0*100	10	813VDE-3-100	
0.6*3.5*100	10	813VDE-3,5-100	
0.8*4.0*100	10	813VDE-4-100	
1.0*5.5*125	10	813VDE-5,5-125	
1.2*8.0*175	10	813VDE-6,5-150	
1.2*8.0*175	10	813VDE-8-175	
1.6*10*200	10	813VDE-10-200	
2.0*12*200	10	813VDE-12-200	
0.5*3.0*100	1	SB813VDE-3-100	
0.6*3.5*100	1	SB813VDE-3,5-100	
0.8*4.0*100	1	SB813VDE-4-100	
1.0*5.5*125	1	SB813VDE-5,5-125	
1.2*6.5*150	1	SB813VDE-6,5-150	
1.2*8.0*175	1	SB813VDE-8-175	

Insulated Screwdriver up to 1000 Volts, Pozidriv® Head Screws, PZ mm



816VDE

mm-PZ			
PZ 0 x 100	10	816VDE-0-100	
PZ 1 x 150	10	816VDE-1-150	
PZ 2 x 175	10	816VDE-2-175	
PZ 3 x 200	10	816VDE-3-200	
PZ 0 x 100	1	SB816VDE-0-100	
PZ 1 x 150	1	SB816VDE-1-150	
PZ 2 x 175	1	SB816VDE-2-175	

Insulated Screwdriver up to 1000 Volts, for Phillips® Head Screws, PH mm



815VDE EN60900

PH-mm		
0-100	10	815VDE-0-100
1-150	10	815VDE-1-150
2-175	10	815VDE-2-175
3-200	10	815VDE-3-200
4-200	10	815VDE-4-200
0-100	1	SB815VDE-0-100
1-150	1	SB815VDE-1-150
2-175	1	SB815VDE-2-175
3-200	1	SB815VDE-3-200

800 Series nut drivers



817V EN60900

mm		
6	5	817V-6
7	5	817V-7
8	5	817V-8
10	5	817V-10
13	5	817V-13

Insulated Screwdriver Set, 5 piece, Slotted, Pozidriv® Head Screws, mm/PZ



EN60900

820VDE-5

mm-PZ		
3,5-4-6,5 / PZ1-2	1	820VDE-5

Insulated Screwdriver, 5 piece, Slotted, Phillips® Head Screws, mm/PH



EN60900

822VDE-5

mm-PH		
3-4-5,5 / PH1-2	1	822VDE-5

Insulated Straight screwdriver 600 series



623 EN60900

mm		
0.5*3.0*100	10	623-3-100
0.8*4.0*100	10	623-4-100
1.0*5.5*125	10	623-5.5-125
1.2*6.5*150	10	623-6.5-150
0.6*3.5*100	10	623-3.5-100

Insulated Phillips screwdriver 600 series



625 EN60900

PH		
0	10	625-0-100
1	10	625-1-150
2	10	625-2-175

600 series screwdrivers set slotted / Phillips®



620-6 EN60900

mm-PH		
3-4-5.5-6.5-PH1-2	1	620-6

INSULATED HACKSAW

Insulated Hacksaw



2820HSV1 EN60900

mm		
300	1	2820HSV1

Insulated hacksaw with screen handguard



2820HSV2 EN60900

mm		
300	1	2820HSV2

KNIVES

Straight Knife



2820VP EN60900

mm		
180	2	2820VP

Bent Knife



2820VPC EN60900



mm		
180	2	2820VPC

▶ KNIVES

Bent Knife with Guide






2820VHELP EN60900 

mm		
180	1	2820VHELP

Cable Knife with Protective Cap, mm



2820VDE EN60900 



mm		
180	1	2820VDE

▶ TWEEZERS

Tweezers




2820VTEE EN60900 



mm		
150	1	2820VTEE

▶ FUSE PULLER

Fuse Puller

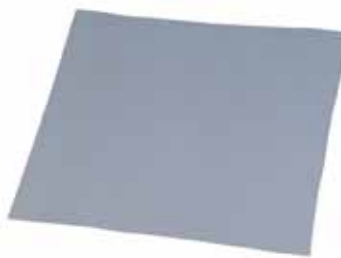


2820VFP EN60900 



		
1		2820VFP

▶ ISOLATING CARPET

Isolating Carpet




2820VM EN60900 



mm		
1000x1000	1	2820VM

▶ GLOVES

1000 V Gloves





2820VG EN60900 

Testvoltage		
500	1	2820VG05
1000	1	2820VG10

Cotton Gloves



2820VGCOT EN60900 


		
1		2820VGCOT

▶ TOOL SETS

Insulated tools set





3045V-1 EN60900 

		
1		3045V-1

1000 V Insulated tools set 19 pieces



3045V-2 EN60900 

		
1		3045V-2



Electronics and fine mechanical pliers





ELECTRONICS AND FINE MECHANICAL PLIERS

Diagonal Cutter, RX Series, Oval Head





RX 8130-RX 8162 ergo®

mm/cut		
0,2-1,0/M	1	RX 8130
0,1-1,0/F	1	RX 8131
0,1-0,8/U	1	RX 8132
0,2-1,25/M	1	RX 8140
0,1-1,25/F	1	RX 8141
0,1-1,0/U	1	RX 8142
0,3-1,6/M	1	RX 8150
0,2-1,6/F	1	RX 8151
0,2-1,25/U	1	RX 8152
0,4-2,0/M	10	RX 8160
0,3-2,0/F	10	RX 8161
0,3-1,6/U	10	RX 8162

Diagonal Cutter, RX Series, Tapered Head,





RX 8143-RX 8145 ergo®

mm/cut		
0,2-1,25/M	1	RX 8143
0,1-1,25/F	1	RX 8144
0,1-1,0/U	1	RX 8145

Diagonal Cutter, RX Series, Tapered and Relieved Head




RX 8146-RX 8148 ergo®

mm/cut		
0,2-1,0/M	1	RX 8146
0,1-1,0/F	1	RX 8147
0,1-0,8/U	1	RX 8148

Diagonal Cutter, RX Series, Tip Cutter





RX 8149 ergo®

mm/cut		
0,1-0,6/F	1	RX 8149

Oblique Cutter 20°, RX Series, Short Head,




RX 8211 ergo®

mm/cut		
0,1-1,0/F	1	RX 8211

Oblique Cutter 45°, RX Series, Long Head,





RX 8247 ergo®

mm/cut		
0,2-1,0/F	1	RX 8247

Oblique Cutter 45°, RX Series, Long and Relieved Head






RX 8248 ergo®

mm/cut		
0,2-0,8/F	1	RX 8248

Micro Tip Cutters, RX Series




RX 8233 ergo® 

mm/cut		
0,1-0,65/U	1	RX8233

Micro Tip Cutters, RX Series





RX 8234 ergo® 

mm/cut		
0,05-0,4/U	1	RX8234

Micro Tip Cutters, RX Series




RX 8237 ergo® 

mm/cut		
0,1-0,65/U	1	RX8237

Return Spring, RX Series



RX 01

		
	1	RX 01

Flat Nose Pliers, RX Series



RX 7490

mm			
20	10		RX 7490

Round Nose Pliers, RX Series



RX 7590

mm			
20	10		RX 7590

Snipe Nose Plier RX 7890 with Smooth Jaws and RX 7891 with Serrated Jaws



RX 7890, RX 7891

mm			
32	1		RX 7890
32	10		RX 7891

Snipe Nose Plier, RX Series



RX 7892

mm			
29	1		RX 7892

Short Snipe Nose Plier, RX Series



RX 7893

mm			
20	1		RX 7893

Diagonal Cutter, 80 series, Oval Head



8130-8162

mm/cut			
0,2-1,0/M	10		8130
0,1-1,0/F	10		8131
0,1-1,0/F	10		8131 CO
0,1-0,8/U	10		8132
0,2-1,25/M	10		8140
0,2-1,25/M	10		8140 CO
0,1-1,25/F	10		8141
0,1-1,25/F	10		8141 CO
0,1-1,0/U	10		8142
0,1-1,0/U	10		8142 CO
0,3-1,6/M	10		8150
0,3-1,6/M	10		8150 CO
max 0,5/M	10		8150 J
0,2-1,6/F	10		8151
0,2-1,6/F	10		8151 CO
0,2-1,25/U	10		8152
0,4-2,0/M	10		8160
0,4-2,0/M	10		8160 CO
max 0,5/M	10		8160 J
0,3-2,0/F	10		8161
0,3-2,0/F	10		8161 CO
0,3-1,6/U	10		8162

Diagonal Cutter, 80 series, Tapered Head,



8143-8165

mm/cut			
0,2-1,25/M	10		8143
0,1-1,25/F	10		8144

mm/cut			
0,1-1,25/S	10		8144 CO
0,1-1,0/U	10		8145
0,3-1,6/M	10		8153
0,2-1,6/F	10		8154
0,2-1,6/S	10		8154 CO
0,2-1,25/U	10		8155
0,4-2,0/M	10		8163
0,4-2,0/M	10		8163 CO
0,3-2,0/F	10		8164
0,3-1,6/U	10		8165
0,3-1,6/R	10		8165 CO

Diagonal Cutter, 80 Series, Tapered and Relieved Head,



8146-8158

mm/cut			
0,2-1,0/M	10		8146
0,1-1,0/F	10		8147
0,1-0,8/U	10		8148
0,1-0,8/U	10		8148 CO
0,3-1,25/M	10		8156
0,2-1,25/F	10		8157
0,1-1,0/U	10		8158

Diagonal Cutter, 80 Series, Tip Cutter



8149

mm/cut			
0,1-0,6/F	10		8149

Oblique Cutter 20°, 80 Series, Short Head,



8211

mm/cut			
0,1-1,0/F	1		8211





ELECTRONICS AND FINE MECHANICAL PLIERS

Oblique Cutter 45°, 80 Series, Long Head,



8247

mm/cut		
0,2-1,0/F	1	8247
0,2-1,0/F	1	8247 CO

Oblique Cutter 45°, 80 Series, Long and Relieved Head



8248

mm/cut		
0,2-0,8/F	1	8248
0,2-0,8/F	1	8248 CO

Lead Catchers, 80 Series



813/814

For ref		
8130-8132	1	813
8140-8148	1	814

Diagonal Cutter, Supreme Series, Tapered Head



7190, 7191

mm/cut		
0,35-1,25/M	1	7190
0,35-1,25/M	1	7190 CO
0,35-1,0/F	1	7191
0,35-1,0/F	1	7191 CO

Oblique Cutter, Supreme Series, Reverse Angle



7280

mm/cut		
0,35-0,8/F	1	7280

Oblique Cutters 45°, Supreme Series



7285

mm/cut		
0,35-1,0/F	1	7285

Oblique Cutter, Supreme Series



7290, 7291

mm/cut		
0,35-1,25/M	1	7290
0,35-1,25/F	1	7291

Oblique Cutter, Supreme Series



7293

mm/cut		
0,35-1,0/F	10	7293

End Cutters



7292

mm/cut		
0,35-0,8/F	1	7292

Flat Nose Pliers, Supreme Series



7490

mm		
20	1	7490
20	1	7490 CO

Round Nose Pliers, Supreme Series



7590

mm		
20	1	7590
20	1	7590 CO

Snipe Nose Plier
7890 with Smooth Jaws and 7891 with Serrated Jaws



7890, 7891



mm		
32	1	7890
32	1	7890 CO
32	1	7891
32	1	7891 CO

Snipe Nose Plier, Supreme Series



7892



mm		
29	1	7892

Short Snipe Nose Plier, Supreme Series



7893



mm		
20	1	7893

Multipurpose Shear, Kevlar



HS6000



mm/cut		
2.0	1	HS6000

Diagonal Cutter, Heavy Duty, Hard Steel Wire and Soft Material



TRX 8180

mm		
200	5	TRX 8180

Diagonal Plastic Cutter, ESD Safe



P6140 / P6160

mm		
160	5	P6160

Diagonal Cutter, Oval Head



2646M - 2649

mm		
0,1-0,8/U	1	2646 M
0,2-1,25/M	1	2646 R
0,2-1,25/M*	1	2646 RK
0,1-1,0/U	1	2646 RA
0,3-1,6/M	1	2666
0,4-2,0/M	1	2649

Diagonal Cutter, Tapered Head



2646 - 2648A

mm/cut		
0,2-1,25/M	1	2646
0,2-1,25/M*	1	2646 K
0,1-1,0/U	1	2646 A
0,1-1,0/U*	1	2646 AK
0,2-1,25/U	1	2666 FK
0,2-1,25/U*	1	2666 FKK
0,4-2,0/M	1	2648
0,3-1,6/U	1	2648 A

Oblique Cutter 45°



2787F

mm/cut		
0,2-1,0/F	1	2787 F

Oblique Cutter 45°, Long Head Relieved



2787G

mm/cut		
0,2-0,8/F	1	2787 G

End Cutters



2656/2656A

mm/cut		
0,35-0,8/F	1	2656
0,35-0,8/U	1	2656 A





ELECTRONICS AND FINE MECHANICAL PLIERS

Flat Nose Plier



2646MF

mm		
20	1	2646 MF

Round Nose Plier



2646MT

mm		
20	1	2646 MT

Chain Nose Plier



2646MS

mm		
20	1	2646 MS

Snipe Nose Plier



2656S

mm		
32	1	2656 S

Snipe Nose Pliers, Bent Tip 60°



2656R

mm		
29	1	2656 R





Other tools, electronics and fine mechanical



TWEEZERS, LINDSTRÖM

High Precision Tweezers, mm



TL 00B-SA

mm		
120	1	TL 00B-SA

High Precision Tweezers, mm



TL 00D-SA

mm		
120	1	TL 00D-SA

High Precision Tweezers, mm



High Precision Tweezers, mm



TL 0-SA

mm		
120	1	TL 0-SA

High Precision Tweezers, mm



TL 10G-SA

mm		
110	1	TL 10G-SA

High Precision Tweezers, mm



TL 15AP

mm		
115	1	TL 15AP

High Precision Tweezers, mm



TL 1-SA

mm		
120	1	TL 1-SA
120	5	TL 1-SA-SL

High Precision Tweezers, mm



TL 2AB-SA

mm		
120	1	TL 2AB-SA

High Precision Tweezers, mm



TL 2A-SA



TL 2A-SA

mm		
120	1	TL 2A-SA
120	5	TL 2A-SA-SL

High Precision Tweezers, mm



TL 2-SA

mm		
120	1	TL 2-SA
120	5	TL 2-SA-SL

High Precision Tweezers, mm



TL 3C-SA

mm		
110	1	TL 3C-SA
110	5	TL 3C-SA-SL

High Precision Tweezers, mm



TL 3C-TA

mm		
110	1	TL 3C-TA

High Precision Tweezers, mm



TL 3-SA

TL 3-SA

mm		
120	1	TL 3-SA
120	5	TL 3-SA-SL

High Precision Tweezers, mm



TL 0C9-SA

mm		
90	1	TL 0C9-SA

High Precision Tweezers, mm



TL 4-SA

mm		
110	1	TL 4-SA
110	5	TL 4-SA-SL

High Precision Tweezers, mm



TL 51S-SA

mm		
115	1	TL 51S-SA

High Precision Tweezers, mm



TL 5A-SA

mm		
115	1	TL 5A-SA
115	5	TL 5A-SA-SL

High Precision Tweezers, mm



TL 5B-SA

mm		
110	1	TL 5B-SA

High Precision Tweezers, mm



TL 5-SA

TL 5-SA

mm		
110	1	TL 5-SA
110	5	TL 5-SA-SL

High Precision Tweezers, mm



TL 5-TA

mm		
110	1	TL 5-TA

High Precision Tweezers, mm



TL 65A-SA

mm		
140	1	TL 65A-SA

High Precision Tweezers, mm



TL 7A-SA

mm		
115	1	TL 7A-SA
115	5	TL 7A-SA-SL

TL 7A-SA

High Precision Tweezers, mm



TL 7-SA

mm		
115	1	TL 7-SA
115	5	TL 7-SA-SL

High Precision Tweezers, mm



TL AC-SA

mm		
110	5	TL AC-SA-SL

High Precision Tweezers, mm



TL SS-SA

TL SS-SA

mm		
140	1	TL SS-SA
140	5	TL SS-SA-SL

General Purpose Tweezers, mm



TL 124-SA

mm		
150	1	TL 124-SA

General Purpose Tweezers, mm



TL 2AX-SA

mm		
120	1	TL 2AX-SA

General Purpose Tweezers, mm



TL 475-SA

mm		
140	1	TL 475-SA

Strong Precision Tip Tweezers, mm



TL 648-SA

mm		
150	1	TL 648-SA



TWEEZERS, LINDSTRÖM

Strong Precision Tip Tweezers, mm



TL 649-SA

mm		
150	1	TL 649-SA

Strong Precision Tip Tweezers, mm



TL 231-SA

mm		
120	1	TL 231-SA

Strong Precision Tip Tweezers, mm



TL 577-SA

mm		
115	1	TL 577-SA

Strong Precision Tip Tweezers, mm



TL 578-SA

mm		
115	1	TL 578-SA

Precision Component Handling Tweezers, mm



TL 582-SA

mm		
115	1	TL 582-SA

Tweezers - Style BOLEY, mm



TL AA-S

mm		
130	1	TL AA-S

Tweezers - Style BOLEY, mm



TL AA-SA

mm		
130	1	TL AA-SA
130	5	TL AA-SA-SL

Tweezers - Style BOLEY, mm



TL AA-TA

mm		
130	1	TL AA-TA

Tweezers - Style BOLEY, mm



TL MM-SA

mm		
130	5	TL MM-SA-SL

Tweezers - Style BOLEY, mm



TL -ET

mm		
120	1	TL 3-SA-ET

Tweezers with Fibre Tips, mm



TL 251-SA

mm		
110	1	TL 251-SA

Tweezers with Fibre Tips, mm



TL 252-SA

mm		
110	1	TL 252-SA

Tweezers with Fibre Tips, mm



TL 253-SA

mm		
110	1	TL 253-SA

Tweezers with Fibre Tips, mm



TL 256-SA

mm		
110	1	TL 256-SA

Tweezers with Fibre Tips, mm



TL 269CF-SA

mm		
130	1	TL 269CF-SA

Tweezers with Replaceable Carbon Fibre Tips, mm



TL 249CFR-SA

mm		
130	1	TL 249CFR-SA

Tweezers with Fibre Tips, mm



TL 5CFR-SA

mm		
130	1	TL 5CFR-SA

Replacement Tips



TL 2AACF

mm		
40	1	TL 2AACF

Tweezers with Fibre Tips, mm



TL 259CFR-SA

mm		
130	1	TL 259 CFR-SA

Tweezers with Fibre Tips, mm



TL 7CFR-SA

mm		
130	1	TL 7CFR-SA

Replacement Tips



TL 5ACF

mm		
40	1	TL 5ACF

Tweezers with Fibre Tips, mm



TL 00CFR-SA

mm		
130	1	TL 00CFR-SA

**Replacement Tips
Flat Edge and Thick Replacement Tips**



TL 249ACF

mm		
40	1	TL 249 ACF

Fine Curved Replacement Tips



TL 7ACF

mm		
40	1	TL 7ACF

Tweezers with Fibre Tips, mm



TL 2ACFR-SA

mm		
130	1	TL 2ACFR-SA

Extra Fine Replacement Tips



TL 259ACF

mm		
40	1	TL 259 ACF

SMD Tweezers



TL SM103-SA

mm		
115	1	TL SM 103-SA



TWEEZERS, LINDSTRÖM

SMD Tweezers



TL SM104-SA

mm		
120	1	TL SM 104-SA

SMD Tweezers



TL SM105-SA

mm		
120	1	TL SM 105-SA

SMD Tweezers



TL SM107-SA

mm		
120	1	TL SM 107-SA

SMD Tweezers



TL SM108-SA

mm		
120	1	TL SM 108-SA

SMD Tweezers



TL SM109-SA

mm		
120	1	TL SM 109-SA

SMD Tweezers



TL SM110-SA

mm		
120	1	TL SM 110-SA

SMD Tweezers



TL SM111-SA

mm		
120	1	TL SM 111-SA

SMD Tweezers



TL SM115-SA

mm		
120	1	TL SM 115-SA

SMD Tweezers



TL SM117-SA

mm		
120	1	TL SM 117-SA

Tweezers Set, CMS Components



9854

1	9854
1	9854W

Tweezers Set



9855/9857

1	9855
1	9855W
1	9857

Tweezers Set, Titanium



9856

1	9856

Tweezers Set, Fine Tip



9858

1	9858
1	9858W

Tweezers Set, Strong Tip



9859

1	9859

TWEEZERS, BELZER

General Purpose Tweezers, Special Steel, mm



5468

mm		
112	5	5468-112

General Purpose Tweezers, Special Steel, mm



5469

mm		
127	5	5469-127
127	5	5469 R
127	5	5469 I

General Purpose Tweezers, Special Steel, mm



5469B

mm		
120	5	5469 B
120	5	5469 BI
120	5	5469 BR

General Purpose Tweezers, Special Steel, mm



5471F

mm		
120	5	5471 F-120
145	5	5471 F-145
200	5	5471 F-200
250	5	5471 F-250
300	5	5471 F-300
120	5	5471 FI-120
145	5	5471 FI-145
200	5	5471 FI-200
120	5	5471 FR-120
145	5	5471 FR-145

SMD Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5540AM

mm		
120	5	5540 AM

SMD Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5541AM

mm		
120	5	5541 AM

SMD Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5543AM

mm		
120	5	5543 AM

SMD Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5544AM

mm		
115	5	5544 AM

SMD Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5545AM

mm		
120	5	5545 AM

SMD Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5546AM

mm		
120	5	5546 AM

SMD Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5547AM

mm		
120	5	5547 AM

SMD Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5549AM

mm		
120	5	5549 AM





TWEEZERS, BELZER

SMD Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5583AM

mm		
115	5	5583 AM

SMD Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5584AM

mm		
115	5	5584 AM

SMD Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5586AM

mm		
115	5	5586 AM

SMD Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5587GAM

mm		
120	5	5587 GAM

SMD Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5588AM

mm		
120	5	5588 AM

SMD Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5589AM

mm		
120	5	5589 AM

SMD Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5590AM

mm		
120	5	5590 AM

Non-Magnetic Tweezers, Titanium, mm



5463AMT

mm		
120	5	5463 AMT

Non-Magnetic Tweezers, Titanium, mm



5465AMT

mm		
110	5	5465 AMT

Non-Magnetic Tweezers, Titanium, mm



5469AMT

mm		
125	5	5469 AMT

Non-Magnetic Tweezers, Stainless Steel, Anti-Acid, mm



5467AM

mm		
115	5	5467 AM

Non-Magnetic, PVC Coated Tweezers, Stainless Steel, Anti-Acid, mm



5469AMI

mm		
130	5	5469 AMI

Watchmaker's Tweezers, Special Steel, mm



5463

mm		
120	5	5463-120
120	5	5463 R

Watchmaker's Tweezers, Special Steel, mm



5464

mm		
110	5	5464-105
110	5	5464 R

Watchmaker's Tweezers, Special Steel, mm



5465

mm		
105	5	5465 R

Watchmaker's Tweezers, Special Steel, mm



5467

mm		
105	5	5467 R

Jeweller's Tweezers, Special Steel, mm



5470

mm		
120	5	5470-120
140	5	5470-140
160	5	5470-160
140	5	5470 R-140
160	5	5470 R-160
140	5	5470 I-140
160	5	5470 I-160

Nipping Tweezers, Special Steel, mm



5473

mm		
90	5	5473-90

College Models, Special Steel, mm



5475R/5475K

mm		
105	5	5475 R
100	5	5475 K

College Models, Special Steel, mm



5516

mm		
150	5	5516
150	5	5516 I

Pointed Tweezers, Special Steel, mm



5479

mm		
130	5	5479-130

Pointed Tweezers, Special Steel, mm



5517

mm		
155	5	5517
155	5	5517 I

Cross-Leg Tweezers, Special Steel, mm



5518

mm		
155	5	5518
155	5	5518R

Soldering Tweezers, Special Steel, mm



5476H

mm		
160	5	5476 H





TWEEZERS, BELZER

Ball Gripping Tweezers, Stainless Steel, Non-Magnetic, mm



5484R

mm		
145	5	5484 R

Assembly Tweezers, Stainless Steel, Non-Magnetic, mm



5571

mm		
145	5	5571-145

Assembly Tweezers, Stainless Steel, Non-Magnetic, mm



5572

mm		
145	5	5572-145

Assembly Tweezers, Stainless Steel, Non-Magnetic, mm



5573

mm		
145	5	5573-145

Assembly Tweezers, Stainless Steel, Non-Magnetic, mm



5578

mm		
122	5	5578-115

Assembly Tweezers, Stainless Steel, Non-Magnetic, mm



5579

mm		
115	5	5579-115

De-Soldering Tweezers, Stainless Steel, Non-Magnetic, mm



5574

mm		
145	5	5574-145

Gripping Tweezers, Stainless Steel, Non-Magnetic, mm



5575

mm		
145	5	5575-145

Gripping Tweezers, Soft Coated Tips, Stainless Steel, Non-Magnetic, mm



5576

mm		
145	5	5576-145
145	5	5576-145R

Heat Absorbing Tweezers, Copper-Cooling Tips, Stainless Steel, Non-Magnetic, mm



5577

mm		
145	5	5577-145

Set of Tweezers, 7 piece, 5571-5577



5570/7

	1	5570/7

Electronic Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5488AM

mm		
115	5	5488 AM

Electronic Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5489AM

mm		
115	5	5489 AM

Electronic Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5490AM

mm		
115	5	5490 AM

Electronic Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5491AM

mm		
140	5	5491 AM

Electronic Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5492AM

mm		
155	5	5492 AM

Cutting Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5493

mm		
115	5	5493-115

Set of SMD Tweezers, Stainless Steel, Non-Magnetic, Anti-Acid, mm



5568/5

1	5568/5

SOLDERING

Soldering gun



3250

°C	W		
400	100	1	325001000

Electronic soldering iron



3260

°C	W		
390	18	1	326000200
420	25	1	326000300

Spare tips



3260

Ø mm		
3.0	1	326010200
3.0	1	326020200
2.3	1	326030200

Electronic soldering iron, sturdy and long lasting



3295

°C	W		
380	30	1	329500300
420	40	1	329500400





SOLDERING

Spare tips, chisel and pencil shaped



3295

Ø mm			
3.1	1	329500350	
1.1	1	329500450	

Heavy duty soldering iron



3225

°C	W		
370	30	1	322500300
375	40	1	322500500
380	80	1	322500800

**Spare tips for soldering iron
Straight and angled**



3225

spare tip			
322500300	1	322510300	
322500300	1	322510400	
322500500	1	322510500	
322500500	1	322510600	
322500800	1	322510700	
322500800	1	322510800	

Heavy duty soldering iron



3296

°C	W		
410	50	1	329600500
410	80	1	329600800

Spare tips



3296

spare			
329600500	1	329600100	
329600800	1	329600200	

Temperature controlled soldering iron



3270

°C	W		
200-450	50	1	327020400

Spare tips



3260

Ø mm			
3.0	1	326010200	

Desoldering pump



3280

cm³	mm		
11.3	192	1	328000000

**Solder Suction Pump, Anti-Static
mm**



2946

mm			
220	1	2946	

Solder



3290

L(m)	%		
2	0.75Cu	1	329000330
4	0.75Cu	1	329000500
2	0.5Cu, 2.5Ag	1	329000600

Flux



3291

g			
15	1	329100540	

**OTHER TOOLS, ELECTRONICS
AND FINE MECHANICAL**

O-Ring Lever, mm



BE-3529

mm			
175	5	BE-3529	

Double End Wire and Spring Hook, mm



5418

mm			
165	1	5418	

Hook Set, 6 pieces



5419/6T

mm		
200	1	5419/6T

Adjusting Screwdriver with Guide Sleeve, Ø mm max



5550

Ø mm max		
3,2	5	5550-3.2
4,5	5	5550-4.5

Tuning and Trimming Tools, mm



5551



5552



5553



5554

5551-5554

mm		
0,5x3-0,3x2,5	1	5551
0,8x2-0,6x1,2	1	5552
1,3-0,8	1	5553
0,3x2-quad. 3	1	5554

Set of Tuning and Trimming Tools



5600/4

1	5600/4

Double End Lamp Extractor, mm



5423

mm		
102	1	5423

Forceps, mm



2705R

mm		
160	1	2705R

Small Special Tin Snips, mm



2702

mm		
110	1	2702
110	1	2702A

Small Tin Snips, mm



2704

mm		
110	1	2704
110	1	2704A

Special Tin Snips, mm



2707

mm		
115	1	2707

Three Square Scraper, 3524L-K - Blade



3524

mm		
85/95	1	3524
85	1	3524L-K

Three Square Mechanics Scraper, mm



3525HB

mm		
80/165	5	3525HB



OTHER TOOLS, ELECTRONICS AND FINE MECHANICAL

Lacquer Stripping Tweezers, mm



2530

Ø mm		
0,5-0,6	5	2530-40
0,7-1	5	2530-32

Spare Blades, 10 pieces



2817K

	10	2817K
	10	2817KH

Carbon Scraper, mm



2487

mm		
210	12	2487

Magnetic Pick-Up Tool, mm



2535F1

kg		
1	1	2535F1
3	1	2535F3

Flexible Pick-Up Tool, mm



2509

mm		
525	1	2509

Flexible Workshop Mirror, mm



2510

mm		
570	1	2510

Small Mirror, Ø 18 mm



5515L

mm		
175	5	5515L

Repair Mirror with Metal Handle, mm



5515M

mm		
210	1	5515M

Plastic Repair Mirror, mm



5515B

mm		
225	5	5515B

Swivel Head Mirror, mm



5515GV

mm		
215	1	5515GV

Pocket Telescopic Mirror, mm



5515T

mm		
180-665	1	5515T

Refractometer, mm



3046-REF

mm		
200	25	3046-REF

Bit Holder



6306

Length mm		
100-190	1	6306-5/32

Measuring Tape, mm



1162N

mm		
2000 x 13	1	1162N-1/2

Flexible Stainless Steel Ruler, mm



1179-FLX

mm		
160	100	1179-FLX

Digital Caliper, mm



1150D

mm		
250x90x25	1	1150D

Professional Feeler Gauges, mm



1544

mm		
0.03 - 0.10	1	1544

Professional Feeler Gauges, mm



1547

mm		
0.05 - 1.00	1	1547

Optical Magnifier, mm



3046-OP

mm		
30	6	3046-OP

Revolving Punch, mm



2635

mm		
260	1	2635

Electronics Socket Set, 28 tools



6330M

1	6330M

Electrician's Tool Bag, 28 tools



3049-2

1	3049-2

Electrician's Large Tool Bag, 49 tools



3043

1	3043

IT Service Set, 56 tools



2007

1	2007

Electronics Service Set, 61 tools



2012

1	2012

Special Tool Set, Electronics Service Case, 109 tools



2010

mm		
480x330x180	1	2010





**OTHER TOOLS, ELECTRONICS
AND FINE MECHANICAL**

Empty Tool Case



2009-L

mm		
460x320x100	1	2009-L

Empty Tool Case



2010-L - 2014-L

mm		
480x330x180	1	2010-L





Woodworking Tools



HANDSAW WITH INTERCHANGEABLE BLADES

BHS Handle: L=Large; M=Medium
LE=left hand; RI right hand



EX- **ergo**[®]

Size	Hand		
L	LE	4	EX-LL
M	RI	4	EX-RM
L	RI	4	EX-RL

Saw Blade Superior Coarse



EX-XT7

mm		
550	10	EX-22-XT7-C
600	10	EX-24-XT7-C

Saw Blade Superior Medium



EX-XT9

mm		
475	10	EX-19-XT9-C
550	10	EX-22-XT9-C

Saw Blade Superior Fine



EX-20-XT11-C

mm		
500	10	EX-20-XT11-C

Saw Blade Superior Laminator



EX-20-LAM-C

mm		
500	10	EX-20-LAM-C

Saw Blade Superior Plaster



EX-22-PLS-C

mm		
550	10	EX-22-PLS-C

Saw Blade Superior General purpose



EX-16-GNP-C

mm		
400	10	EX-16-GNP-C

Saw Blade Superior Tenon



EX-14-TEN-C

mm		
350	10	EX-14-TEN-C

Saw Blade Superior Veneer



EX-14-VEN-C

mm		
350	10	EX-14-VEN-C

Barracuda Blade



EX-244P-22

mm		
550	10	EX-244P-22

Prize Cut+ BHS Blade



EX-NPP-22

mm		
550	10	EX-NPP-22

Prize Cut BHS Blade



EX-22-U7

mm		
550	10	EX-22-U7

SUPERIOR HANDSAWS

Superior Handsaw



2600 **ergo**[®]

mm-TPI		
475-9/10	4	2600-19-XT-HP
550-9/10	4	2600-22-XT-HP

Superior Handsaw



2700 **ergo**[®]

mm-TPI		
550-7/8		2700-22-XT7-HP
600-7/8		2700-24-XT7-HP



Superior handsaw
For fine and medium thick material



3090 ergo®

TPI	mm/inch			
11/12	500/20	4		3090-20-XT11-HP

Superior Toolbox Saw
For Medium and Fine Material



2600-16 ergo®

TPI	mm/inch			
11/12	400 / 16	4		2600-16-XT11-HP

Superior Tenon Saw



3180 ergo®

TPI	mm/inch			
11/12	360 / 14	4		3180-14-XT11-HP

Superior Veneer Saw



3240 ergo®

TPI	mm/inch			
11/12	360 / 14	4		3240-14-XT11-HP

Superior Compass Saw



3150

TPI	mm/inch			
9/10	300 / 12	4		3150-12-XT9-HP

Superior Laminator



SUP-LAM ergo®

TPI	mm/inch			
11/12	500 / 20	4		SUP-20-LAM

PROFCUT HANDSAWS

Handsaw - Low Friction Coating



PCP-GT7

mm-TPI			
475-GT7	4		PCP-19-GT7
550-GT7	4		PCP-22-GT7

Handsaw - with Low Friction Coating



PCP-GT9

mm-TPI			
475-GT9	4		PCP-19-GT9
550-GT9	4		PCP-22-GT9

Handsaw - Hardpoint



PC-GT7

mm-TPI			
475-GT7	4		PC-19-GT7
550-GT7	4		PC-22-GT7

Handsaw - Hardpoint



PC-GT9

mm-TPI			
475-GT9	4		PC-19-GT9
550-GT9	4		PC-22-GT9

Handsaw, Fileable



PC-FILE

mm-TPI			
400-U7	4		PC-16-FILE-U7
475-U7	4		PC-19-FILE-U7
550-U7	4		PC-22-FILE-U7
600-U7	4		PC-24-FILE-U7

Toolbox Saw - Hardpoint



PC-TBX

mm-TPI			
380-GT11	4		PC-15-TBX

Tenon Saw - Hardpoint



PC-TEN

mm-TPI			
300-UT11	4		PC-12-TEN

Veneer Saw - Hardpoint



PC-VEN

mm-TPI			
300-UT11	4		PC-12-VEN

Compass Saw - Hardpoint



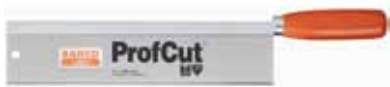
PC-COM

mm-TPI			
300-XT9	4		PC-12-COM



PROFCUT HANDSAWS

Dovetail Saw - Straight Handle



PC-DTR

mm-TPI		
250-UT13	10	PC-10-DTR

Dovetail Saw - Angled Handle



PC-DTL

mm-TPI		
250-UT13	10	PC-10-DTL

Dovetail Saw - Straight handle



PC-DTF

mm-TPI		
250-FT15	10	PC-10-DTF

Laminator



PC-LAM

mm-TPI		
500-XT11	4	PC-20-LAM

Precision Saw



PC-PRC

mm-TPI		
500-UT9	4	PC-20-PRC

General Carpentry Pull-Saw



PC-12-PS

TPI	mm		
13.5	305	4	PC-12-14-PS
13.5	305	10	PC-12-14-PS-B

Tenon Pull Saw for Extra Fine Precision Cuts



PC-11-PS

TPI	mm		
18.5	270	4	PC-11-19-PS
18.5	270	10	PC-11-19-PS-B

Double Edge Fine Cut Pull-Saw



PC-9-PS

TPI	mm		
6-8.5 / 17	240	4	PC-9-9/17-PS
6-8.5 / 17	240	10	PC-9-9/17-PS-B

Dry-Wall Saw



PC-6-DRY

TPI	mm/inch		
8	160 - 6 1/4	6	PC-6-DRY

Timber Saw



PC-TIM

mm-TPI		
600-FT3,5	4	PC-24-TIM

Plaster Saw



PC-PLS

mm-TPI		
600-GT7	4	PC-24-PLS

General Purpose Saw



PC-GNP

mm-TPI		
380-FT15	4	PC-15-GNP

Polystyrene Foam Saw



PC-DECO

mm-TPI		
400-special	4	PC-16-DECO

Handsaw - Coromant® Cemented-Carbide Tipped Tothing



255

mm-TPI		
625-1.2	1	255

Handsaw - Coromant® Cemented-Carbide Tipped Tothing



255-15/29

mm-TPI		
650-2	1	255-15/29

Saw for Cellular Concrete Blocks



256

mm-TPI		
650-2	4	256-26

Insulation Saw

PC-22-INS-10P/24P: Display of 10/24pcs



PC-22-INS

mm/toothing		
550-WT	4	PC-22-INS
550-WT	1	PC-22-INS-10P
550-WT	1	PC-22-INS-24P

PRIZECUT HANDSAWS

Handsaws - Hardpoint



NP

mm-TPI		
400-U7	4	NP-16-U7/8-HP
475-U7	10	NP-19-U7/8-HP
550-U7	10	NP-22-U7/8-HP

Tenon Saw



NP-TEN

mm-TPI		
300-UT13	10	NP-12-TEN

Veneer Saw



NP-VEN

mm-TPI		
300-UT13	10	NP-12-VEN

Compass Saw



NP-COM

mm-TPI		
300-UT7	4	NP-12-COM

General Purpose Saw



300

mm-TPI		
360-FT15	4	300-14-F15/16-HP

Handsaw - Coromant® Cemented-Carbide Tipped Tothing



NP-CONC

mm-TPI		
625-1.2	2	NP-CONC
625-1.2	2	NP-CONC-17/34

OTHER HANDSAWS

Handsaws - Hardpoint



2500 XT

mm-TPI		
400-11/12	4	2500-16-XT-HP
475-9/10	4	2500-19-XT-HP
550-9/10	4	2500-22-XT-HP
600-7/8	4	2500-24-XT7-HP

Handsaw for Medium to Thick Wood



244

Length mm		
500	10	244-20-U7/8-HP
550	10	244-22-U7/8-HP

Handsaw for Medium to Thick Wood



244P

Length mm		
500	4	244P-20-U7-HP
550	10	244P-22-U7-HP

General Purpose Saw



369

mm-TPI		
360-U13	4	369
360-U13	20	369-BLADE

Musical Saw



296

mm		
750	1	296

Foldable Saw, XT Tothing



396-HP

mm		
190	4	396-HP
190	1	396-HP-BLADE





▶ OTHER HANDSAWS

Foldable Saw, XT Tothing, Special Coating



396-LAP



mm		
230/405-7	10	396-LAP

▶ MITRE GUIDE AND BOXES

Mitre Box





233

mm		
300x104x50	5	233-300
400x104x50	5	233-400
300x104x50	5	233-300-A

Aluminium Mitre Box





234-A

mm		
245x60x45	1	234-A1
245x100x30	1	234-A2

Mitre Box - mm



234-W



mm		
245x53x40	10	234-W1
300x70x50	10	234-W2
300x70x65	10	234-W3

▶ COPING SAWS

Coping Saw





301

mm		
165	5	301

Spare Blade for Saw 301



303



mm		
150	10	303-5P

▶ FRET SAWS AND BLADES

Fret Saw





302

mm		
300	5	302

Fret Saw





502

mm		
300	5	502

Fret Saw Set




502/

		
	5	502-SET2
	5	502-SET6

Assortment of Spareblades for Junior Saws




302-6X4P

mm		
130	1	302-6X4P

Spare Blades; 1: Fine, 3-5: Medium 7: Coarse



302M

Teeth		
1	1	302-71M-12P
3	1	302-73M-12P
5	1	302-75M-12P
7	1	302-77M-12P

Spare Blades - Wood/Plastic: 1: Fine 3: Medium and 5: Coarse



302S

Teeth		
1	1	302-81S-12P
3	1	302-83S-12P
5	1	302-85S-12P

Spare Blades - Wood: 1-3 Fine; 5-7: Medium; 9-11: Coarse



302W

Teeth		
1	1	302-51W-12P
3	1	302-53W-12P
5	1	302-55W-12P
7	1	302-57W-12P
9	1	302-59W-12P
11	1	302-511W-12P

BOWSAW

Bowsaw for Green and Dry Wood
23: Green Wood//51: Dry Wood, mm



10 ergo®

mm		
530	5	10-21-51
610	5	10-24-23
610	5	10-24-51
760	5	10-30-23
760	5	10-30-51

Bowsaw



332 ergo®

mm		
530	5	332-21-51

Bowsaw with Reversible Blade



2-21-51

mm		
530	5	2-21-51

Bowsaw with Reversible Blade



3-24-51

mm		
607	5	3-24-51

Bowsaw



331

mm		
530	5	331-21-51-KP

Professional Bowsaw
23: Raker Toothed Blade



SE -15/-16

SE-16-21

mm/inch		
530/21	5	SE-16-21
530/21	5	SE-16-21-23
610/24	5	SE-15-24
760/30	5	SE-15-30
760/30	5	SE-15-30-23
810/32	5	SE-15-32
910/36	5	SE-15-36
910/36	5	SE-15-36-23

Bowsaw with Reversible Blade



333

mm		
350	5	333

BOWSAW BLADES

Spare Blade Bowsaw - Dry Wood
59-30: fine toothing



51/59

mm		
320	10	51-12
530	10	51-21
607	10	51-24
759	10	51-30
810	10	51-32
912	10	51-36
759	10	59-30

Spare Blade Bowsaw - Green Wood



23

mm		
380	10	23-15
530	10	23-21
607	10	23-24
759	10	23-30
810	10	23-32

Bowsaw Blade: Green Wood



333-5

mm		
350	10	333-5



CIRCULAR SAW BLADES

Circular Saw Blades, Fast Cut Wood



8501-17

8501

mm/toothing		
125x20-16	1	8501-2
130x20-16	1	8501-3
140x20-16	1	8501-4
150x20-18	1	8501-5
160x20-18	1	8501-7
170x30-18	1	8501-10
180x30-20	1	8501-12
184x30-24	1	8501-13
190x30-20	1	8501-15
200x30-20	1	8501-16
210x30-20	1	8501-17
230x30-20	1	8501-22
235x30-30	1	8501-23
250x30-24	1	8501-28
300x30-30	1	8501-30
315x30-30	1	8501-31
400x30-40	1	8501-40

**Circular Saw Blades, Precision Cut Wood
XF=Extra Fine Toothing**



8501-F / -XF

mm		
140x20-24	1	8501-4F
140x20-30	1	8501-4XF
150x20-30	1	8501-5F
160x20-30	1	8501-7F
170x30-30	1	8501-10F
180x30-40	1	8501-12F
184x30-40	1	8501-13F
190x30-40	1	8501-15F
200x30-40	1	8501-16F
210x30-40	1	8501-17F
230x30-40	1	8501-22F
235x30-40	1	8501-23F
250x30-40	1	8501-28F
250x30-60	1	8501-28XF
300x30-40	1	8501-30F
315x30-60	1	8501-30XF
315x30-40	1	8501-31F

Circular Saw Blades, Aluminium & Plastic



8501-S

Toothing	mm		
48	210x30	1	8501-17S
48	216x30	1	8501-18S
80	250x30	1	8501-28S
96	300x30	1	8501-30S

Circular Saw Blades, 0° Toothing



8501-SW

Toothing	mm		
48	216x30	1	8501-18SW
60	250x30	1	8501-28SW
60	300x30	1	8501-30SW

SCRAPERS

Ergonomic Paint Scraper with Holster



625 ergo®

mm		
25	5	625

Ergonomic Paint Scraper



650 ergo®

mm		
50	5	650

Ergonomic Paint Scraper



665 ergo®

mm		
50 - 65	5	665

Paint Scraper Blades



850 / 865

Length mm		
50	10	850-1
65	10	865-1

Paint Scraper Blades



449/442/451

mm		
25	10	449
50	10	442
65	10	451

Paint Scraper Blades for Scraper 625



625-

mm		
10		625-DROP
10		625-PEAR
10		625-ROUND

Scraper Set



625 / 650 ergo®

mm		
265x145x50	1	SCRAPER-SET2

Universal Knife



2488

mm		
190	12	2488

Putty Knife - mm



2489

mm		
235	12	2489

Single Edge Blade Knife mm



2491

mm		
210	12	2491

CABINET SCRAPERS

Cabinet Scraper



474

mm		
125	10	474-125-0.60
125	10	474-125-0.80
150	10	474-150-0.60
150	10	474-150-0.80

CHISELS

Chisels



434 ergo®

mm		
6	4	434-6
8	4	434-8
10	4	434-10
12	4	434-12
14	4	434-14
15	4	434-15
16	4	434-16
18	4	434-18
20	4	434-20
22	4	434-22
25	4	434-25
28	4	434-28
30	4	434-30
32	4	434-32
35	4	434-35
38	4	434-38

Chisel Set 434-S6-EUR: In Wooden Box



434-S3-EUR 434-S6-EUR

mm		
1	1	434-S3-EUR
1	1	434-S6-EUR

Chisels



424P

mm		
4	4	424P-4
6	4	424P-6
8	4	424P-8
10	4	424P-10
12	4	424P-12
14	4	424P-14
15	4	424P-15
16	4	424P-16
18	4	424P-18
20	4	424P-20
22	4	424P-22
24	4	424P-24
25	4	424P-25
26	4	424P-26
28	4	424P-28
30	4	424P-30
32	4	424P-32
35	4	424P-35
38	4	424P-38
40	4	424P-40

Chisel Set 424P-S6/S8: In Wooden Box



424P-S3

424P-S6/S8

424P-S

mm	mm		
	12-18-25	1	424P-S3-EUR
	6-10-12-18-25-32	1	424P-S6-EUR
18-25-32-38	6-10-12-16	1	424P-S8-EUR

Chisels



414

mm		
6	4	414-6
8	4	414-8
12	4	414-12
14	4	414-14
15	4	414-15
16	4	414-16
18	4	414-18
20	4	414-20
25	4	414-25
28	4	414-28
30	4	414-30
32	4	414-32
35	4	414-35
38	4	414-38





CHISELS

Chisel Set





414-S

mm		
12-18-25	1	414-S3-EUR

Chisels - Wooden Handle mm



425

mm		
4	4	425-4
6	4	425-6
8	4	425-8
10	4	425-10
12	4	425-12
14	4	425-14
15	4	425-15
16	4	425-16
18	4	425-18
20	4	425-20
22	4	425-22
24	4	425-24
25	4	425-25
26	4	425-26
28	4	425-28
30	4	425-30
32	4	425-32
35	4	425-35
38	4	425-38
40	4	425-40

Chisel Set - Wooden Handle 425-083: In Wooden Box




424-082



425-083



425/

mm		
	1	425-081
	1	425-082
	1	425-083

Chisels





1031

mm		
4	5	1031-4
6	5	1031-6
8	5	1031-8
10	5	1031-10
12	5	1031-12
14	5	1031-14
16	5	1031-16
18	5	1031-18
20	5	1031-20
22	5	1031-22
25	5	1031-25
28	5	1031-28
30	5	1031-30
32	5	1031-32
40	5	1031-40

Chisel Set




9883

mm		
	1	9883

Spare Handle



956

mm		
	1	956

Gouges - mm



422P



mm		
6	4	422P-6
10	4	422P-10
12	4	422P-12
16	4	422P-16
20	4	422P-20
25	4	422P-25

KNIVES

Squeeze Knife



SQZ150003

mm		
	6	SQZ150003

Spare Blades for Squeeze Knife



SQZ150003-SBL

mm		
	1	SQZ150003-SBL

Spare Blades for Squeeze Knife





SQZ150003-HSBL

mm		
	1	SQZ150003-HSBL

Universal Knife, mm



2816

mm		
160	1	2816

Universal Knife, mm



2817

mm		
140	1	2817

Multipurpose Knife



2444

	15	2444

Wrecking knife SB-2448 Packaged, 2448 Display Box 12 Split Allowed NO



2448

	12	2448
	10	SB-2448

Electricians Knife



2819

mm		
110/200	5	2819

Electricians Knife



2820EK

mm		
200	10	2820EK

Electricians Knife, Folding, Wooden Handle



2820EF1

mm		
200	12	2820EF1

Electricians Knife, Folding, Plastic Handle



2820EF2

mm		
200	12	2820EF2

Electricians Knife, Folding, Plastic Handle



2820EF3

mm		
170	1	2820EF3

Electricians Knife, Folding, Plastic Handle - 2 Blades



2820EF4

mm		
180	1	2820EF4

GRINDING STONES

Natural Grinding Stone, mm



528-700

mm		
150	1	528-700

Grinding Stone - 2 Grains



528-COM

mm		
150	1	528-COM

SLIDING BEVELS AND SQUARES

Sliding Bevel



9572

mm		
200	6	9572-200
250	6	9572-250

Bevel



9574

mm		
200	10	9574-200
250	10	9574-250
300	10	9574-300



SLIDING BEVELS AND SQUARES

Fixed Bevel



9575

mm		
250	6	9575-250

Square



9045-B

mm		
200	6	9045-B-200
250	6	9045-B-250
300	6	9045-B-300
400	1	9045-B-400

Square



9048

mm		
200	10	9048-200
250	10	9048-250
300	10	9048-300
350	10	9048-350
400	10	9048-400

Combination Square



CS

mm		
150/6"	12	CS150
300/12"	12	CS300
400/16"	12	CS400

MEASURING

Measuring Tape



MTS

mm		
5000	6	MTS-5-25
5000	6	MTS-5-25-E
8000	6	MTS-8-25
8000	6	MTS-8-25-E

Measuring Tape



MTB

mm		
3000	6	MTB-3-16
3000	6	MTB-3-16-E
3000	6	MTB-3-16-M
3000	6	MTB-3-16-M-E
5000	6	MTB-5-25
5000	6	MTB-5-25-E
5000	6	MTB-5-25-M
5000	6	MTB-5-25-M-E
8000	6	MTB-8-25
8000	6	MTB-8-25-E
8000	6	MTB-8-25-M
5000	6	MTB-5-25-C1

Measuring Tape



MTG

mm		
3000	12	MTG-3-16
3000	12	MTG-3-16-E
5000	12	MTG-5-19
5000	12	MTG-5-19-E

Measuring Tape



LTS

mm		
30000	5	LTS-30
30000	5	LTS-30-E
50000	5	LTS-50
50000	5	LTS-50-E
100000	5	LTS-100
100000	5	LTS-100-E

Measuring Tape



LTB

mm		
10000	6	LTB-10
10000	6	LTB-10-E
20000	6	LTB-20
20000	6	LTB-20-E
30000	6	LTB-30
30000	6	LTB-30-E

Measuring Tape



LTG

mm		
10000	6	LTG-10
10000	6	LTG-10-E
20000	6	LTG-20
20000	6	LTG-20-E
30000	6	LTG-30
30000	6	LTG-30-E

Measuring Wheel, 150 mm



MW-150

m	mm		
9999.9	150	2	MW-150

Measuring Wheel, 250 mm



MW-250

m	mm		
9999.9	250	2	MW-250

SCRIBER

Scriber



1177-SCRIBE

mm		
230	5	1177-SCRIBE

Scriber



1178-SCRIBE

mm		
150	5	1178-SCRIBE

Scriber



1179-SCRIBE

mm		
60	5	1179-SCRIBE

Chalk



CL-1221

m		
30	6	CL-1221

Chalk, 227 g



CHALK

g		
227	6	CHALK-BLUE
227	6	CHALK-RED
227	6	CHALK-YELLOW

SPIRIT LEVELS

Spirit Level



426

mm		
400	1	426-400
600	1	426-600
600	1	426-600-3
800	1	426-800
1000	1	426-1000
1200	1	426-1200

Spirit Level



446

mm		
400	1	446-400
600	1	446-600
800	1	446-800
1000	1	446-1000

Scaffold Level



466-250

mm		
250	10	466-250

Spirit Level



466

mm		
1000	4	466-1000-M
1200	4	466-1200-M
400	4	466-400
800	4	466-800-M
400	4	466-400-M
600	4	466-600
600	4	466-600-M
800	4	466-800
1000	4	466-1000
1200	4	466-1200
1800	4	466-1800
2000	4	466-2000



LATH KO

Lath Ko



450-80

4	450-130
6	450-80

CLAMPS

Quick Clamps



QCS

mm		
150	6	QCS-150
300	6	QCS-300

Quick Clamp



QCB

mm		
150	6	QCB-150
300	6	QCB-300
1250	4	QCB-1250
400	6	QCB-450
600	4	QCB-600
900	4	QCB-900

Quick Clamp



QCG

mm		
150	6	QCG-150
300	6	QCG-300

Replacable Pads for QCS & QCB



QC-PAD

Fit		
QCS & QCB	10	QC-PAD-M
QCS & QCB	10	QC-PAD-S

Clamp



420

mm		
100x50	5	420-50-100
200x50	5	420-50-200
120x60	5	420-60-120
300x60	5	420-60-300
160x80	5	420-80-160
200x100	5	420-100-200
250x120	5	420-120-250
300x120	5	420-120-300
400x120	1	420-120-400
500x120	1	420-120-500
600x120	1	420-120-600
800x120	1	420-120-800
1000x120	1	420-120-1000
1250x120	1	420-120-1250
1500x120	1	420-120-1500
400x140	1	420-140-400
400x175	1	420-175-400

Spring Clamps



420SC

mm		
25	10	420SC-25
50	5	420SC-50

Gravity clamp



GC600

mm		
690*210*625	1	GC600

BENCH VICES

Bench vices



834V

mm		
100	1	834V-4
125	1	834V-5
150	1	834V-6
175	1	834V-7

Bench vices, square guide



6072

mm		
100	1	607201000
125	1	607201250
150	1	607201500
175	1	607201750

Bench vices, round guide



6010

mm		
80	1	601000800
100	1	601001000
125	1	601001250
150	1	601001500

Bench Vices



834V

mm		
63	1	834V-2

Vice Bases



833SB

mm		
100	1	833SB-4
125	1	833SB-5
150	1	833SB-6
175	1	833SB-7

Pipe Jaw Set



833P

1		833PJ-4
1		833PJ-5
1		833PJ-67

Spares for work benches



6072M

mm		
100	1	6072M1000
125	1	6010M1250
150	1	6010M1500
175	1	6072M1750

Spare spindle for vices 6072



6070H

mm		
100	1	6070H1000
125	1	6070H1250
150	1	6070H1500
175	1	6070H1750

Spare jaws for vice 6010



6010M

mm		
80	1	6010M0800
100	1	6010M1000
125	1	6010M1250
150	1	6010M1500

Spare spindle and bolt for vice 6010



6010H

mm		
80	1	6010H0800
100	1	6010H1000
125	1	6010H1250
150	1	6010H1500

Spare jaws and spindle for table vice 834V-2



6040M/H

spindle mm	jaws mm		
63	63	1	6040M0630
63	63	1	6040H0630



BENCH VICES

Aluminium Jaws



833AJ

mm		
100	1	833AJ-4
125	1	833AJ-5
150	1	833AJ-6

Fibre Jaws



833FJ

	1	833FJ-4
	1	833FJ-5
	1	833FJ-6

WOODWORKING AND CONSTRUCTION HAMMERS

Claw Hammer



427

g		
450	4	427-16
570	4	427-20

Claw Hammer



428

g		
370	4	428-13
450	4	428-16
570	4	428-20

Claw Hammer



429

g		
230	4	429-8
370	4	429-13
450	4	429-16
570	4	429-20

Carpenter's Hammer



485

g		
600	4	485

Warrington Hammer



480

g		
230	4	480-08
280	4	480-10
340	4	480-12
400	4	480-14

Joiner Hammer



483

g		
100	4	483-16
160	4	483-20
200	4	483-22
300	4	483-25
400	4	483-28
500	4	483-30

Nail Puller



38

mm		
450	1	38

METAL WORKING AND INDUSTRIAL HAMMERS

Club Hammer



484

g		
1000	4	484-1000
1250	4	484-1250
1500	4	484-1500
2000	2	484-2000

Bricklayer's Hammer



486

g		
600	4	486

Hatchet



494

g		
600	4	494-600



Dead Blow Hammer



3625PU

g		
450	12	3625PU-30
900	6	3625PU-50
1500	6	3625PU-60

Dead Blow Sledge Hammer



3625PU-105

Kg	mm		
5.97	105x910x200	1	3625PU-105

Safety Sledge Hammer



489

head weight		
1100	1	489-1100
1800	1	489-1800
2700	1	489-2700
3600	1	489-3600
4500	1	489-4500
5400	1	489-5400

▶ INSTRUMENT AND WORKSHOP HAMMERS

German DIN Hammer, g



481

g		
100	4	481-100
200	4	481-200
300	4	481-300
400	4	481-400
500	4	481-500
800	4	481-800
1000	4	481-1000
1500	2	481-1500

Rivoir Hammer, g



482

g		
250	4	482-25
315	4	482-28
400	4	482-30
630	4	482-35
800	4	482-40
1150	2	482-45

Ball Pein Hammer, g



479

g		
230	4	479-08
340	4	479-12
450	4	479-16
800	4	479-24
900	4	479-32

Cross Pein Pin Hammer, g



490

g		
100	4	490-3.5

Pattern Makers Hammer, g



492

g		
100	4	492-3.5

Instrument Hammer, mm



3532

mm		
250	1	3532

Polyflex Plastic Hammer Ø mm



3625Y

Ø mm		
22	1	3625Y-22
27	1	3625Y-27
32	1	3625Y-32
35	1	3625Y-35
40	1	3625Y-40
50	1	3625Y-50
60	1	3625Y-60
22	1	3625YL-22
27	1	3625YL-27
32	1	3625YL-32
35	1	3625YL-35
40	1	3625YL-40
50	1	3625YL-50
60	1	3625YL-60



▶ INSTRUMENT AND WORKSHOP HAMMERS

Superflex Plastic Hammer
Ø mm



3625N

Ø mm		
22	5	3625N-22
27	5	3625N-27
32	5	3625N-32
35	5	3625N-35
40	5	3625N-40
50	1	3625N-50
60	1	3625N-60
22	1	3625NL-22
27	1	3625NL-27
32	1	3625NL-32
35	1	3625NL-35
40	1	3625NL-40
50	1	3625NL-50
60	1	3625NL-60

Non-Sparking and Anti-Magnetic Hammer



487

g		
450	1	487-650
1000	1	487-1300
1500	1	487-1800
2000	1	487-2300
4000	1	487-5200
5000	1	487-5900

Rubber Mallet



3625RM

mm		
320	6	3625RM-55
340	6	3625RM-65
360	6	3625RM-75
360	6	3625RM-90

Nylon Tip Mallet
WL spare tips



3625W

mm		
150	6	3625W-22
275	1	3625W-28
300	1	3625W-35
360	1	3625W-44
400	1	3625W-55
	10	3625WL-22
	10	3625WL-28
	10	3625WL-35
	1	3625WL-44
	1	3625WL-55

▶ DRILLS FOR WOOD

Flat Bit



9529

Ø mm		
6	10	9529-6
8	10	9529-8
10	10	9529-10
12	10	9529-12
13	10	9529-13
14	10	9529-14
16	10	9529-16
17	10	9529-17
18	10	9529-18
19	10	9529-19
20	10	9529-20
22	10	9529-22
24	10	9529-24
25	10	9529-25
26	10	9529-26
28	10	9529-28
30	10	9529-30
32	10	9529-32
35	10	9529-35
38	10	9529-38
40	10	9529-40

Flat Bit, Long



9531

Ø mm		
6	10	9531-6-CA
8	10	9531-8-CA
10	10	9531-10-CA
12	10	9531-12-CA
13	10	9531-13-CA
14	10	9531-14-CA
16	10	9531-16-CA
18	10	9531-18-CA
19	10	9531-19-CA
20	10	9531-20-CA
22	10	9531-22-CA
24	10	9531-24-CA
25	10	9531-25-CA
28	10	9531-28-CA
30	10	9531-30-CA
32	10	9531-32-CA
35	10	9531-35-CA
38	10	9531-38-CA

Extension Shaft 330mm



9525

Ø mm		
14-19 / 330	1	9525-7
20-32 / 330	1	9525-10

Auger Bit - Wood



9526

Ø mm		
6	1	9526-6
7	1	9526-7
8	1	9526-8
10	1	9526-10
11	1	9526-11
12	1	9526-12
13	1	9526-13
14	1	9526-14
15	1	9526-15
16	1	9526-16
17	1	9526-17
18	1	9526-18
19	1	9526-19
20	1	9526-20
22	1	9526-22
24	1	9526-24
25	1	9526-25
26	1	9526-26
28	1	9526-28
30	1	9526-30
32	1	9526-32
35	1	9526-35
38	1	9526-38

Auger Bit, Long - Wood



9527

Ø mm			
6	1		9527-6-CA
8	1		9527-8-CA
10	1		9527-10-CA
12	1		9527-12-CA
13	1		9527-13-CA
14	1		9527-14-CA
16	1		9527-16-CA
18	1		9527-18-CA
19	1		9527-19-CA
20	1		9527-20-CA
22	1		9527-22-CA
24	1		9527-24-CA
25	1		9527-25-CA
26	1		9527-26-CA
28	1		9527-28-CA
32	1		9527-32-CA
35	1		9527-35-CA
38	1		9527-38-CA

Twist Drill for Wood



460

Ø mm			
3	1		460-3-CA
4	1		460-4-CA
5	1		460-5-CA
6	1		460-6-CA
7	1		460-7-CA
8	1		460-8-CA
9	1		460-9-CA
10	1		460-10-CA
11	1		460-11-CA
12	1		460-12-CA
13	1		460-13-CA
14	1		460-14-CA
15	1		460-15-CA
16	1		460-16-CA
18	1		460-18-CA
20	1		460-20-CA

Twist Drill Set



460-PB

	1		460-PB-1
	1		460-PB-2

Expansive Bit



9528

Ø mm			
15-45x120	1		9528-MD-15-45
22-76x170	1		9528-MD-22-76

MASONRY DRILLS

Masonry Drill



463

Ø mm			
3x60	1		463-3-60
3,5x60	1		463-3,5-60
4x75	1		463-4-75
4,5x85	1		463-4,5-85
5x85	1		463-5-85
5,5x85	1		463-5,5-85
6x100	1		463-6-100
6,5x100	1		463-6,5-100
7x100	1		463-7-100
8x120	1		463-8-120
9x120	1		463-9-120
10x120	1		463-10-120
11x150	1		463-11-150
12x150	1		463-12-150
13x150	1		463-13-150
14x150	1		463-14-150
15x150	1		463-15-150
16x150	1		463-16-150
18x160	1		463-18-160
20x160	1		463-20-160
22x160	1		463-22-160
25x160	1		463-25-160

Masonry Drill



464

Ø mm			
4x75	10		464-4-75
5x85	1		464-5-85
5,5x85	1		464-5,5-85
6x100	1		464-6-100
6,5x100	1		464-6,5-100
7x100	1		464-7-100
8x120	1		464-8-120
9x120	1		464-9-120
10x120	1		464-10-120
12x150	1		464-12-150
14x150	1		464-14-150
16x150	1		464-16-150

Masonry Drill - Long



463-L

Ø mm			
6x200	1		463-6-200
6,5x400	1		463-6,5-400
8x200	1		463-8-200
8x400	1		463-8-400
10x200	1		463-10-200
10x400	1		463-10-400
12x200	1		463-12-200
12x400	1		463-12-400
14x400	1		463-14-400
16x400	1		463-16-400
18x400	1		463-18-400
20x400	1		463-20-400

Masonry Drill Set



463-PB

	1		463-PB

Masonry Drill Set



464-PB

	1		464-PB-1



MASONRY DRILLS AND HSS DRILLS

Twist, Masonry and HSS Drill Set



466

Ø mm	Icons	Qty	Code
5-6-8		1	466-COMBI

HSS DRILLS

HSS Drill



441

Ø mm	Icons	Qty	Code
1		1	441-1.0-CA
1,5		1	441-1.5-CA
2		1	441-2.0-CA
2,5		1	441-2.5-CA
3		1	441-3.0-CA
3,2		1	441-3.2-CA
		1	441-3.3-P-CA
3,3		1	441-3.3-CA
3,5		1	441-3.5-CA
4		1	441-4.0-CA
		1	441-4.1-P-CA
4,2		1	441-4.2-CA
4,5		1	441-4.5-CA
4,8		1	441-4.8-CA
5		1	441-5.0-CA
5,5		1	441-5.5-CA
6		1	441-6.0-CA
6,5		1	441-6.5-CA
6,8		1	441-6.8-CA
7		1	441-7.0-CA
7,5		1	441-7.5-CA
8		1	441-8.0-CA
8,5		1	441-8.5-CA
9		1	441-9.0-CA
9,5		1	441-9.5-CA
10		1	441-10.0-CA
10,5		1	441-10.5-CA
11		1	441-11.0-CA
11,5		1	441-11.5-CA
12		1	441-12.0-CA
12,5		1	441-12.5-CA
13		1	441-13.0-CA
14		1	441-14.0-CA

High-Speed Steel Drill, Industrial Box Qty



451

Ø mm	Icons	Qty	Code
1		10	451-1-10
1,5		10	451-1,5-10
2		10	451-2-10
2,5		10	451-2,5-10
3		10	451-3-10
3,2		10	451-3,2-10
3,25		10	451-3,25-10
3,3		10	451-3,3-10
3,5		10	451-3,5-10
3,8		10	451-3,8-10
4		10	451-4-10
4,2		10	451-4,2-10
4,5		10	451-4,5-10
4,8		10	451-4,8-10
5		10	451-5-10
5,5		10	451-5,5-10
6		10	451-6-10
6,5		10	451-6,5-10
6,8		10	451-6,8-10
7		10	451-7-10
7,5		10	451-7,5-10
8		10	451-8-10
8,5		10	451-8,5-10
9		10	451-9-10
9,5		10	451-9,5-10
10		10	451-10-10
10,2		10	451-10,2-10
10		5	451-10,5-5
11		5	451-11-5
11,5		5	451-11,5-5
12		5	451-12-5
12,5		5	451-12,5-5
13		5	451-13-5
13,5		5	451-13,5-5
14		5	451-14-5
16		2	451-16-2
18		2	451-18-2
20		2	451-20-2

High Speed Steel Drill Set MB Metal Box



451-PB-1



451-MB-1

451/

Icons	Qty	Code
	1	451-PB-1
	1	451-PB-2
	1	451-MB-1
	1	451-MB-2
	1	451-MB-3

STEP DRILLS

Step Drill Bit 13 Steps



230-SD

Shank	Dimension	Icons	Code
12,7 mm 1/2"	5 - 35 mm		1 230-SD

Step Drill, 4 to 12mm



228-SD

Shank	Dimension	Icons	Code
6 mm 1/4"	4-12 / 1 mm		24 228-SD

Step Drill, 4 to 22mm



229-SD

Shank	Dimension	Icons	Code
10 mm 3/8	4-22 / 2 mm		24 229-SD

Step Drill Set HSS 4-30mm

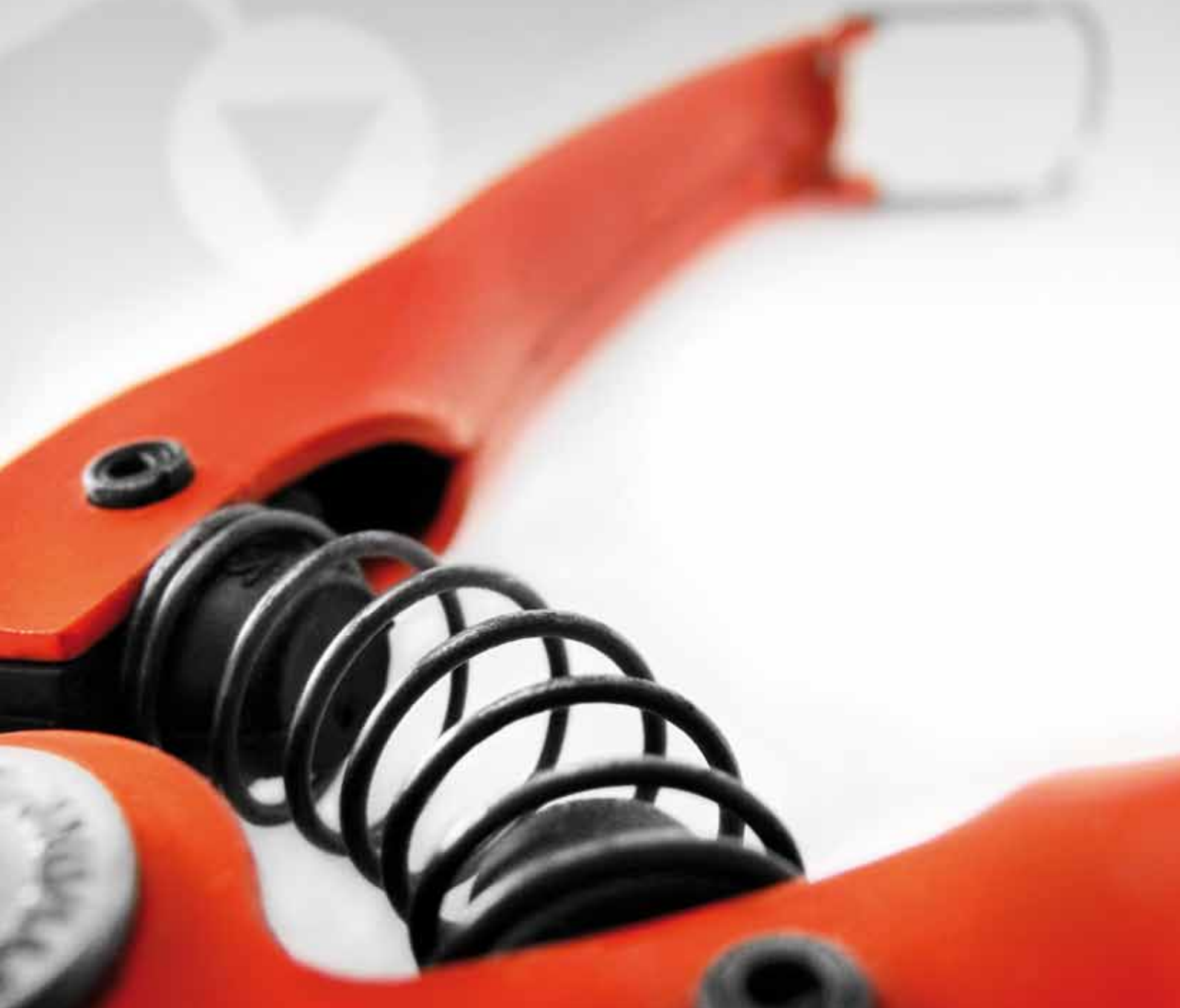


228-SET

mm	Icons	Code
4-30		1 228-SET



Pruning tools



SECATEURS - PROFESSIONAL RANGE

Ergonomic Secateurs with Fixed Handles



PX ergo®

cut. cap. mm		
20	2	PX-S1
20	2	PX-S2
20	2	PX-M1
20	2	PX-M2
20	2	PX-M2-L
30	2	PX-M3
20	2	PX-L2
30	2	PX-L3

Ergonomic Secateurs with Rotating Handle



PXR ergo®

cut. cap. mm		
15	2	PXR-S1
20	2	PXR-S2
15	2	PXR-M1
20	2	PXR-M2
20	2	PXR-M2-L
30	2	PXR-M3
20	2	PXR-L2

Pre-Assembled Cutting Head for PX-PXR



R801P-R804P

Secateurs		
N°1	1	R801P
N°2	1	R802P
N°3	1	R803P
N° M2 - L	1	R804P

Spare Cutting Blade



R211P/R300P/R500P/R600P

Secateurs		
N°2	1	R211P
N°2	1	R211P-BULK80
N°1	1	R300P
N°3	1	R500P
N° M2 - L	1	R600P

Spare Counter Blade for PX/PXR



R303P-R603P

Secateurs		
N°1	1	R303P
N°2	1	R403P
N°3	1	R503P
N° M2 - L	1	R603P

Spare Pair of Handles for PX and PXR Secateur Supplied with spring



R811P-RT824P ergo®

Secateurs		
S	1	R811P
M	1	R812P
L	1	R813P
M	1	R815P
S	1	RT821P
M	1	RT822P
L	1	RT823P
N° M2 - L	1	RT824P

Spare Centre Bolt for Ergo Secateurs



R900P

1	R900P

Spare Centre Bolt Locking System



R901P

1	R901P

Set of 4 Spare Handle Bolts for PX/PXR



R902P

1	R902P

2 Spare Buffers for PX/PXR



R903P/R1269P

1	R903P
1	R1269P-BULK50

Spare Locking Device for PX/PXR



R904P

1	R904P

Spare Spring



R905P-R907P

1		R905P
1		R905P-BULK50
1		R906P
1		R907P

Ergonomic Secateurs with Fixed Handle



PG-S/M/L

Ø mm		
15	2	PG-S1-F
20	2	PG-S2-F
20	2	PG-M2-F
20	2	PG-L2-F

Ergonomic Secateurs with Rotating Handle



PG-R-M

Ø mm		
20	2	PG-R-M2-F

Secateur for Left Hand Use



PG-03-L

Ø mm		
20	6	PG-03-L

Secateur



P108

cm/Ø mm		
20/20	2	P108-20-F
23/25	2	P108-23-F

Secateur



P5

cm/Ø mm		
20/20	2	P5-20-F
23/25	2	P5-23-F

Secateur



P110

cm/Ø mm		
20/20	2	P110-20-F
23/25	2	P110-23-F

Secateur



P121

cm/Ø mm		
18/15	6	P121-18-F
20/20	6	P121-20-F
23/25	6	P121-23-F

Secateur



P126

cm/Ø mm		
19/15	6	P126-19-F
22/20	6	P126-22-F

Secateur



P3

cm/Ø mm		
20/20	2	P3-20-F
23/25	2	P3-23-F

Secateur



PG-10

cm/Ø mm		
21/20	6	PG-10-F

Rose Secateur



P64

cm/Ø mm		
20/12	1	P64-20-BULK12

Aluminium Anvil with Rivet



R221P

Secateurs		
P138-22	1	R221P
P138-22	1	R221P-BULK50



SECATEURS - PROFESSIONAL RANGE

Spare Cutting Blade for P1 & P2



R201P/R171P

Secateurs			
P1-22,P2-22	1	R201P	
P1-22,P2-22	80	R201P-BULK80	
P6-20,P7-20	1	R171P	

Spare Cutting Blade for Secateurs and Top Pruner



R112PG-R124PG/R223P

Secateurs	Secateurs		
P3-20,P5-20	1	R112PG	
P108,P110	1	R114PG	
P3-23,P5-23	1	R122PG	
P134/P34	1	R124PG	
P138-22	1	R223P	
P138-22	1	R223P-BULK80	

Spare Counter Blade for Secateurs



R202P/R203P/R271P

Secateurs			
P1-22,P2-22	1	R202P	
P6-20,P7-20	1	R271P	

Spare Counterblade and Pin for Secateur and Top Pruners



R113PG/R123PG

Secateurs			
P108,110-20	1	R113PG	
P108,110-23	1	R123PG	

Spare Centre Bolt/Nut for Secateurs



R239P/R141P/R156H/R148V/R142P/

Secateurs			
P1,P2,P6,P7	1	R239P	
P64-20	1	R141P	
P121-18/20	1	R156H	
P121-23	1	R148V	
P3/P5/P108	1	R142P	

Spare Closing Springs



R341P/R474P

Secateurs			
P3	1	R341P	
P5-108-110	1	R474P	

Spare Springs for Secateurs



R434P/R435P/R438P/R463P/R449H

Secateurs			
P121-18	1	R435P	
P121-20	1	R434P	
P121-20	1	R434P-BULK50	
P121-23	1	R463P	
P138-22	1	R438P	
P138-22	1	R438P-BULK50	
P38/PG-04	1	R449H	

Spare Spring and Buffer for Secateur



R1069P

Secateurs			
P1,P2,P6,P7	1	R1069P	

Spare Spring, Buffer & Buffer Cup



R1068

Secateurs			
P3/P5/P108	1	R1068	

Spare Parts for Re-Designed P5-20/P5-23



R1080P

Secateurs			
P5-20/23	1	R1080P	

Set of Spare Handle Screws, Nut and Locking Device



R1601/R1600

Secateurs			
P1,P2,P6,P7	1	R1601	

Locking Device with Screw and Nut



R478P/R480P

Secateurs			
P108	1	R478P	
P108	1	R480P	

PNEUMATIC PRUNING TOOLS

Pneumatic Secateur



9210

Ø mm		
30	1	9210

Blade for pneumatic secateur



9210-1

pieces		
1	1	9210-1

Cutting head for pneumatic secateur



9210-10

pieces		
1	1	9210-10

O'rings



9210-20

pieces		
1	1	9210-20

Brass Sleeve



9210-1720100

pieces		
10	1	9210-1720100

Piston Seal



9210-1230235

pieces		
10	1	9210-1230235

Piston



9210-1690148

pieces		
1	1	9210-1690148

Shock Absorber



9210-1730107

pieces		
10	10	9210-1730107

Return Spring



9210-1640142

pieces		
10	1	9210-1640142

Connecting rod



9210-1700118

pieces		
1	1	9210-1700118

Rivet



9210-1770106

pieces		
40	40	9210-1770106

Dust protection seal



9210-1230219

pieces		
10	1	9210-1230219

Self tapping screw



9210-1060238

pieces		
15	20	9210-1060238

Front cover



9210-1830137

pieces		
10	1	9210-1830137



PNEUMATIC PRUNING TOOLS

Secateur Body



9210-1710266

pieces			
1	1		9210-1710266

Screw TCCE



9210-1060177

pieces			
10	1		9210-1060177

Hand guard



9210-1320281

pieces			
10	1		9210-1320281

Electric Secateur



9320

Performance	Ø mm			
90 W	30	1		9320

SNIPS - PROFESSIONAL RANGE

Snip



P123

Ø mm			
10	1		P123-19-BULK15
10	1		P123-19-BULK30
10	1		P123-19-BULK56

Snip



P127

Ø mm			
6	1		P127-19-BULK30

Snip



P128

Ø mm			
5	6		P128-19
5	1		P128-19-BULK30

Snip



P129

Ø mm			
6	1		P129-19-BULK30

Spare Springs with Buffers P123/P127/P128/P129



R1071/R1075

1			R1071
1			R1075-BULK50

LOPPERS - PROFESSIONAL RANGE

Super Light Loppers



P114-SL

cm/Ø mm			
40/ 30	2		P114-SL-40
50/ 30	2		P114-SL-50
60/ 30	2		P114-SL-60

Super Light Lopper



P116-SL

cm/Ø mm			
40/ 30	2		P116-SL-40
50/ 30	2		P116-SL-50
60/ 30	2		P116-SL-60
70/ 30	2		P116-SL-70

Orchard Lopper



P160-SL

cm/Ø mm		
60/ 45	2	P160-SL-60
75/ 45	1	P160-SL-75
90/ 45	1	P160-SL-90

Lopper



P19

cm/Ø mm		
80/50	1	P19-80-F

Lever Action Bypass Lopper



P280-SL

cm/Ø mm		
80/ 40	2	P280-SL-80

Lever Action Anvil Lopper



P172-SL

cm/Ø mm		
85/ 40	1	P172-SL-85

Expert Bypass Lopper



PG-18

cm/Ø mm		
64/ 25	2	PG-18-60-F
75/ 30	2	PG-18-75-F

Expert Short Lopper



PG-18-45-F

cm/Ø mm		
45/ 40	2	PG-18-45-F

Expert Telescopic Bypass Lopper



PG-19

cm/Ø mm		
70-90/ 40	2	PG-19-F

Expert Anvil Lopper, Telescopic



PG-17

cm/Ø mm		
70-90/ 30	2	PG-17-F

Lopper



P16

cm/Ø mm		
60/30	2	P16-60-F

Bypass Lopper



PG-20

cm/Ø mm		
44/30	2	PG-20-F
60/30	2	PG-20-60-F

Lopper



P140

cm/Ø mm		
60/35	2	P140-F

Spare Cutting Blade for Loppers



R114V-R180V/R16V/R160A/R172A

Secateurs		
P14	1	R114V
P14	28	R114V-BULK28
P-SL2, P116	1	R16V
P-SL2, P116	1	R16V-BULK14
P-SL, P114	1	R115V
P-SL, P114	1	R115V-BULK14
P172	1	R172A
P172-SL	8	R380A
P16-40W	1	R116VP
P16	25	R116V
P16	36	R116V-BULK36
P19-80	1	R119V
P160	25	R160A
P180-70	1	R180V



LOPPERS - PROFESSIONAL RANGE

Spare counterblade for loppers



R214V-R732V/R26V/R260A

Secateurs			
P14	1	R214V	
P14	28	R214V-BULK28	
P-SL2	1	R26V	
P-SL2	1	R26V-BULK12	
P116-SL	8	R216SL	
P-SI-	1	R215V	
P-SI-	1	R215V-BULK14	
P114-SL	8	R214SL	
P160	1	R260A	
P16	1	R716VCB	
P180-70	1	R680V	
	1	R619V	

Spare Buffers for Loppers and Hedge Shears



R430V-R516V/R515VS

Secateurs			
PSL/PSL240	1	R430V	
PSL/PSL2	1	R440V	
P332/P53	1	R444V	
P14-16-19	1	R515VS	
P160/P51H	1	R516V	

Spare Anvil with Screws for Anvil Loppers



R372H

Secateurs			
P172- / -SL	18	R372H	

Centre Bolt/Nut for Loppers



R312V-R318V/R143PV/R144PV/R146

Secateurs			
P14-174-176	1	R146VS	
P14-174-176	50	R146VS-BULK50	
P-SI-	1	R315V	
P172-	1	R312V	
P16-P160	1	R143PV	
P16	1	R143PV-BULK50	
P160	1	R144PV	
P16	1	R143PVCB	
P19-180-172	1	R318V	



R415V-R660V

Secateurs			
PSL	1	R415V	
P180-70	1	R419V	
P19-80	1	R519V	
P14,P16	1	R615V	
P160	1	R660V	
P172-SL	22	R772V	
P280-SL	24	R773V	

Hexagonal Screw for Adjusting Blade to Anvil



R272H

Secateurs			
P-172-65, P-172-85	30	R272H	

Spare blades for Expert loppers



R18V/R181P

Secateurs			
P280	25	R181P	
PG18	30	R18V	

Centre bolts for Expert loppers



R149V/R328V

Secateurs			
PG18 / P140 / PG56	22	R149PV	
P280	22	R328V	

Buffers for loppers



R430V/R516V

Secateurs			
P-SL40, PG18	1	R430V	

PRUNING SAWS

Pruning Saw with Holster, No Velcro mm



51 -JS

mm		
240	4	5124-JS-H
280	5	5128-JS
280	4	5128-JS-H

Pruning Saws, JT Toothing mm



41 -JT

mm		
240	5	4124-JT-H
280	4	4128-JT-H

Foldable Pruning Saw, JS Toothing mm



396-JS

mm		
190	4	396-JS
190	1	396-JS-BLADE

Foldable Pruning Saw, JT Toothing mm



396-JT

mm		
190	4	396-JT
190	1	396-JT-BLADE

Foldable Pruning Saw, XT Toothing mm



396-HP

mm		
190	4	396-HP
190	1	396-HP-BLADE

Pruning Saw with Wooden Handle mm



4211-/4212-

mm		
280	4	4211-11-6T
360	4	4211-14-6T
280	4	4212-11-6T
360	4	4212-14-6T

Pruning saw



349

mm		
300	4	349

Foldable Pruning Saw Blade - mm



PG-72

blade - mm		
190	4	PG-72

Pruning Saws mm



339-/340-

mm		
360	4	339-6T
360	4	340-6T

Pruning Saws for Poles Ø 25 mm



383-/384-

mm		
360	4	383-6T
360	4	384-6T
360	4	384-5T

Pruning Saw, Fits on Pole Ø 25 mm



385-/386-

mm		
360	4	385-6T
360	4	386-6T

Spare Blades for Saws 51-JS mm



5724-JS/5728-JS

mm		
240	1	5724-JS
280	1	5728-JS

Spare Blades for Saws 41-JT mm



4724-JT/4728-JT

mm		
240	1	4724-JT
280	1	4728-JT

Spare Blades for Saws 4211, 4212, 339, 340 and Top Pruner P34-37



4400-/4420-

mm		
280	10	4400-11
360	10	4400-14
280	10	4420-11
360	10	4420-14
280	10	4400-11-BULK
360	10	4400-14-BULK
280	10	4420-11-BULK
360	10	4420-14-BULK

Holster for Pruning Saw



JS-H

Max blade		
250 mm	2	JS-HOLSTER-S
330 mm	2	JS-HOLSTER-L



TOP PRUNERS & POLES

Extension Poles
m



AP-/FP-

m		
2,1-5,8	1	AP-5M
2,0-3,8	1	AP-3M
1,8-3,2	1	FP-3M
	1	AP-2.7M

Spare Parts, Poles



LOCKING

Ø mm		
Ø 28 mm	1	LOCKING-B
Ø 25 mm	1	LOCKING-S

Top Pruners



AP-234

mm/Ø		
2200/30	2	AP-234
2200/30	2	AP-234-F

Top Pruner, Triple Lever Action



P34-37

cut. cap. mm		
40	2	P34-37

Top Pruner, Double Lever Action



P34-27A

cut. cap. mm		
30	2	P34-27A
30	2	P34-27A-F

Spare cutting blade for top pruner



R127E/R137E

Top pruner		
P34-27	40	R127E
P34-37	1	R137E

Spare Centre Bolt and Nut



R142P

R142P/R337E

Top pruner		
P34-27A	1	R142P
P34-37	1	R337E

Spare Cutting Blade with Pin for Hand and Top Pruners



R124PG

Top pruner		
P134/P34-27	1	R124PG

Spare Counterblade for Hand and Top Pruners



R123PG

Top pruner		
P134/P34-27	1	R123PG

Spare spring for top pruner



R427AE

R437E

R427AE/R427E/R437E

Top pruner		
P134/P34/AP	1	R427AE
P34-27A	1	R427E
P34-37	1	R437E

Spare Cutting Blade for Top Pruner AP-234



R234PG

Top Pruner		
AP-234	30	R234PG

BOWSAWS

Bowsaw with Blade for Green / Dry Wood



10 ergo®

mm		
610	5	10-24-23
760	5	10-30-23

Bowsaw



332 ergo®

mm / inch		
530/21	5	332-21-51

Bowsaw



331

mm		
530	5	331-21-51-KP
380	5	331-15-23

Bowsaw with Reversible Blade



333

mm		
350	5	333

**Professional bowsaw
-23: Raker Toothed Blade**



SE-15/16

mm / inch		
610/24	5	SE-15-24
760/30	5	SE-15-30
760/30	5	SE-15-30-23
810/32	5	SE-15-32
910/36	5	SE-15-36
910/36	5	SE-15-36-23
530/21	5	SE-16-21
530/21	5	SE-16-21-23

Bowsaw Blades - Green Wood



23

mm		
530	10	23-21
607	10	23-24
759	10	23-30

Bowsaw Blades - Dry Wood



51

mm		
530	10	51-21

Bow Saw Blade: Green Wood



333-5

mm		
350	10	333-5

HEDGE SHEARS

Landscaping Hedge Shears



P51-SL

cm		
57	2	P51-SL

**Landscaping Hedge Shears,
Long Handles**



P51H-SL

cm		
73	2	P51H-SL

**Lightweight Hedge Shears,
Short Handles**



P54-SL

cm		
50	2	P54-SL-20
55	2	P54-SL-25

Light Hedge Shears, Long Handles



P54H-SL

cm		
60	2	P54H-SL-20
65	2	P54H-SL-25



HEDGE SHEARS

Expert Hedge shears



PG-56

L mm		
670	2	PG-56-F

Expert Telescopic Hedge Shears



PG-57

	2	PG-57-F

Hedge Shear, Long Handles



P51

cm/cut. cap. mm		
57/15	2	P51-F

Hedge Shear



P59

cm/cut. cap. mm		
66/10	5	P59-25-F

Hedge Shear



PG-51

cm/cut. cap. mm		
51/5	5	PG-51-F

Centre Bolt/nut for Hedge Shears



R146VC/R147V

Hedge shears		
P51 - P54	1	R146VC
P55-P57-P59	1	R147V

Spare Buffers for Loppers and Hedge Shears



R440V/R444V

Hedge shears		
PSL/PSL2	1	R440V
P332/P53	1	R444V

Spare Buffers for Loppers and Hedge Shears



R516V

Hedge shears		
P160/P51H	1	R516V

Spare Blades for Expert Hedge Shears



R56V

Lopper		
PG56	30	R56V

Centre Bolts for Expert Hedge Shears



R150PV

Lopper		
PG56	22	R150PV

Buffers for Expert Hedge Shears



R430V

Lopper		
PG56	1	R430V

GRASS SHEARS

Grass Shears (180°)



GS-180

cm		
39	6	GS-180
39	6	GS-180-F

Grass Shears, 3 Positions



GS-76

cm		
35,5	6	GS-76
35,5	6	GS-76-E

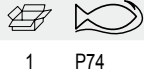
Grass Shears



P74

cm/cut. cap. mm

109/20



1

P74

Grass Shears



P75

cm/cut. cap. mm

99/20



1

P75

SCISSORS

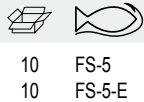
Scissors, Small



FS-5

cm

12,6 - 5
12,5 - 5



10

FS-5

10

FS-5-E

Scissors, Medium



FS-8

cm

16,6 - 8



10

FS-8

Scissors, Large



FS-7.5

cm

19,8 - 8



10

FS-7.5

PRUNING KNIFE

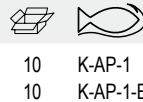
Pruning Knife
cm



K-AP-1

cm

17,8
17,8



10

K-AP-1

10

K-AP-1-E

Pruning Knife



K-GP-1

cm

17,1



K-GP-1

Grafting Knife



P11

cm

18



6

P11

Pruning Knife



P20

cm

20



6

P20

Multipurpose Knife



2444



15

2444

Knife



PG-62

cm

24



5

PG-62

SMALL GARDEN TOOLS

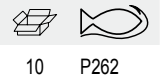
Hoe



P262

length mm

315



10

P262





GRASS SHEARS

Trowel





P263

length mm  
370 10 P263

Cultivator





P264

length mm  
315 10 P264

Rake





P266

length mm  
320 10 P266

Two point hoe





P267

length mm  
315 10 P267

One point hoe





P268

length mm  
325 10 P268

Daisy grubber





P269

length mm  
315 10 P269

Weeding fork





P270

length mm  
300 10 P270

Bulb Planter





P241

 
5 P241

Border hoe





P272

length mm  
430 5 P272

Border cultivator





P274

length mm  
455 5 P274

Border rake





P276

length mm  
440 5 P276

Two point hoe





P277

length mm  
435 P277

One point hoe



P278

length mm  
435 5 P278



AXES

Camping Axe - mm



HUS

mm		
380	4	HUS-0.6-380
500	4	HUS-0.7-500SG
500	4	HUS-0.8-500

Camping Axe - mm



HGPS

mm		
360	4	HGPS-0.6-360
380	4	HGPS-0.8-380
400	4	HGPS-1.0-400

General Purpose Axe - mm



HFGPS

mm		
430	4	HFGPS-0,7-400FG

Camping Axe - mm



HUS

mm		
650	4	HUS-1.0-650
650	4	HUS-1.0-650SG

Felling Axe - mm



FGS

mm		
600	4	FGS-1.0-600
700	4	FGS-1.25-700

Felling Axe - mm



FGS

mm		
800	4	FGS-1.6-810
800	4	FGS-1.8-810

Felling Axe, Hickory handle mm



FCP

mm		
800	4	FCP-1.8-810
850	2	FCP-2.3-860

Felling Axe - mm



FCS

mm		
900	2	FCS-2.0-900SG

Felling Axe - mm



FFSS

mm		
900	4	FFSS-1.5-900FG

Splitting Axe - mm



SUS

mm		
800,	2	SUS-2.0-800

Splitting Axe, Hickory Handle mm



MCP

mm		
800	2	MCP-2.5-810

Splitting Axe - mm



LS/MES

mm		
900	2	LS-MERLIN-2.5
900	2	LS-MERLIN-2.5FG
900	2	MES-3.0-900

Splitting Axe



MES

mm		
900	2	MES-3.5-900
900	2	MES-3.5-900FG

Maul - mm



LS-MASSE

kg	mm		
4.3	900	2	LS-MASSE-4FG
4.5	900	2	LS-MASSE-4



AXES

Handle Mauls - mm



LS-MASSE-TR

mm		
900	2	LS-MASSE-TR-4FG

Spare Handle, Axes



SH

mm		
800	1	SH-FCS-810
850	1	SH-FCS-860
600	1	SH-FGS-600
700	1	SH-FGS-700
800	1	SH-FGS-800
400	1	SH-HFGPS-400FG
400	1	SH-HGPS-400
900	1	SH-MES-F-900
360	1	SH-HGPS-360
380	1	SH-HGPS-380
380	1	SH-HUS-380
500	1	SH-HUS-500
650	1	SH-HUS-650
900	1	SH-MES-900
900	12	SH-MES-900FG
800	1	SH-SUS-800
800	1	SH-MCS-800
	12	SH-PAGS-900FG

Splitting Wedges - cm



WT

cm		
22	4	W-T-2.0

Traditional Steel Wedges cm



WS

cm		
23	4	W-S-1.5
25	4	W-S-2.0
26	4	W-S-2.5

Felling Wedges - cm



LS-COIN

cm		
19	4	LS-COIN 19 CM
24	4	LS-COIN 24 CM

Pick Axe



PAGS-2.0-900FG

2	PAGS-2.0-900FG

ACCESSORIES & MAINTENANCE

Synthetic Grinding Stone, 2 Grains 180/500 - cm



LS-COMBINESS

cm		
10	1	LS-COMBINESS

Synthetic Grinding Stone, Grain 400 cm



LS-CORINDON

cm		
10	30	LS-PIERRE CORINDON

Synthetic Grinding Stone, Grain 180 cm



LS-PIERRE-FAUX

cm		
23	1	LS-PIERRE-FAUX

Natural Grinding Stone, "Lombarde" Type - cm



LS-6060-23

cm		
23	1	LS-6060-23

Synthetic Grinding Stone, "Carbor" Type, Grain 220 - cm



LS-6160-23

cm		
23	1	LS-6160-23

Natural Grinding Stone cm



LS-NATURAL

cm		
7	1	LS-NATURAL

Synthetic Grinding Stone, Grain 220 cm



LS-TRIANGLE

cm		
10	1	LS-TRIANGLE

Carbide Sharpener - cm



SHARP-X

cm		
10	10	SHARP-X
	1	SHARP-X-DISP

Cleaning Liquid ml



SAP-X

ml		
50	6	SAP-X

Cleaning Liquid - ml



RESIN-X

ml		
50	6	RESIN-X

Natural Lubricant - ml



ECO-LUBE

ml		
100	4	ECO-LUBE100

Holster for Secateur



PROF-H

Weight g		
86	2	PROF-H

Holster for Knife, Grinding Stone, Grafting Knife



PROF-K

Weight g		
42	1	PROF-K

Plastic holster



PROF-PH

Weight g		
100	2	PROF-PH

Lopper Holster



PROF-LOPP

Weight g		
375	1	PROF-LOPP

Lopper Holster



PROF-SEC

Weight g		
150	1	PROF-SEC



020.040.100 - 111Z-5/8



ACCOUNT SUBGROUP



020.040.100	8412814020419	350	18	103
020.055.125	8412814020518	350	18	103
020.065.150	8412814020617	350	18	103
020.080.175	8412814020815	350	18	103
020.100.200	8412814020105	350	18	103
020.120.250	8412814020129	350	18	103
020.140.250	8412814020143	350	18	103
021.040.100	8412814021416	350	18	103
021.055.125	8412814021515	350	18	103
021.065.150	8412814021614	350	18	103
021.080.175	8412814021812	350	18	103
021.100.200	8412814021102	350	18	103
022.030.100	8412814022314	350	18	103
022.030.200	8412814022321	350	18	103
022.035.100	8412814022338	350	18	103
022.040.125	8412814022413	350	18	103
022.040.250	8412814022420	350	18	103
022.055.150	8412814022512	350	18	103
022.055.300	8412814022529	350	18	103
022.065.150	8412814022611	350	18	103
022.065.300	8412814022628	350	18	103
023.000.075	8412814023014	350	18	103
023.001.100	8412814023113	350	18	103
023.002.125	8412814023212	350	18	103
023.003.150	8412814023311	350	18	103
023.004.200	8412814023410	350	18	103
024.000.075	8412814024011	350	18	103
024.001.100	8412814024110	350	18	103
024.001.250	8412814024127	350	18	103
024.002.125	8412814024219	350	18	103
024.002.300	8412814024226	350	18	103
024.003.150	8412814024318	350	18	103
025.000.075	8412814025018	350	18	104
025.001.100	8412814025117	350	18	104
025.002.125	8412814025216	350	18	104
025.003.150	8412814025315	350	18	104
025.004.200	8412814025414	350	18	104
026.000.075	8412814026015	350	18	104
026.001.100	8412814026114	350	18	104
026.001.250	8412814118758	350	18	104
026.002.125	8412814026213	350	18	104
026.002.300	8412814118741	350	18	104
026.003.150	8412814026312	350	18	104
027.006.075	8412814027067	350	18	104
027.007.075	8412814027074	350	18	104
027.008.075	8412814027081	350	18	104
027.009.075	8412814027098	350	18	104
027.010.075	8412814027104	350	18	104
027.015.100	8412814027159	350	18	104
027.020.100	8412814027203	350	18	104
027.025.125	8412814027258	350	18	104
027.027.125	8412814027272	350	18	104
027.030.150	8412814027302	350	18	104
027.040.150	8412814027401	350	18	104
028.010.075	8412814028101	350	18	104
028.015.100	8412814028156	350	18	104
028.020.100	8412814028200	350	18	104
028.025.125	8412814028255	350	18	104
028.027.125	8412814028279	350	18	104
028.030.150	8412814028309	350	18	104
028.040.150	8412814028408	350	18	104
029.020.100	8412814029207	350	18	104
029.025.100	8412814029252	350	18	104
029.030.100	8412814029306	350	18	104
029.040.100	8412814029405	350	18	104
029.050.100	8412814029504	350	18	104
029.060.125	8412814029603	350	18	104
030.040.125	8412814030401	350	18	104
030.045.125	8412814030456	350	18	104
030.050.150	8412814030500	350	18	104
030.055.150	8412814030555	350	18	104
030.060.150	8412814030609	350	18	104
030.070.150	8412814030708	350	18	104
030.080.150	8412814030807	350	18	104
030.090.150	8412814030906	350	18	104
030.100.150	8412814030104	350	18	104
030.130.150	8412814030135	350	18	104
030.140.150	8412814030142	350	18	104
031.001.100	8412814031118	350	18	104
031.002.125	8412814031217	350	18	104



ACCOUNT SUBGROUP



031.003.150	8412814031316	350	18	104
032.001.125	8412814109398	350	18	104
032.1/4.125	8412814032009	350	18	104
033.030.100	8412814033310	350	18	105
033.035.100	8412814033327	350	32	105
033.040.100	8412814033419	350	32	105
033.055.125	8412814033518	350	32	105
033.065.150	8412814033617	350	32	105
033.080.175	8412814033815	350	32	105
033.100.200	8412814033112	350	32	105
034.000.100	8412814034010	350	32	105
034.001.150	8412814034119	350	32	105
034.002.175	8412814034218	350	32	105
034.003.200	8412814034317	350	32	105
035.000.100	8412814035017	350	32	105
035.001.150	8412814035116	350	32	105
035.002.175	8412814035215	350	32	105
035.003.200	8412814035314	350	32	105
036.055.125	8412814036519	350	32	105
036.060.125	8412814036618	350	32	105
036.070.125	8412814036717	350	32	105
036.080.125	8412814036816	350	32	105
036.100.125	8412814036106	350	32	105
036.130.125	8412814036137	350	32	105
038.055.100	8412814038513	350	46	104
038.065.125	8412814038612	350	18	104
038.080.150	8412814038810	350	18	104
038.100.175	8412814038100	350	18	104
038.120.200	8412814038124	350	18	104
038.140.200	8412814038148	350	18	104
039.001.100	8412814039114	350	18	105
039.002.125	8412814039213	350	18	105
039.003.150	8412814039312	350	18	105
039.004.200	8412814039411	350	18	105
040.001.100	8412814040110	350	18	105
040.002.125	8412814040219	350	18	105
040.003.150	8412814040318	350	18	105
1019	8412814010199	350	46	118
10-21-51	7311518229344	316	10	237
10-24-23	7311518229368	316	10	237
10-24-23	7311518229368	316	10	261
10-24-51	7311518229351	316	10	237
10-30-23	7311518229382	316	10	237
10-30-23	7311518229382	316	10	261
10-30-51	7311518229375	316	10	237
1031-10	7314150025442	364	30	240
1031-12	7314150025459	364	30	240
1031-14	7314150025466	364	30	240
1031-16	7314150025473	364	30	240
1031-18	7314150025480	364	30	240
1031-20	7314150025497	364	30	240
1031-22	7314150025503	364	30	240
1031-25	7314150025510	364	30	240
1031-28	7314150025527	364	30	240
1031-30	7314150025534	364	30	240
1031-32	7314150025541	364	30	240
1031-4	7314150025411	364	30	240
1031-40	7314150025558	364	30	240
1031-6	7314150025428	364	30	240
1031-8	7314150025435	364	30	240
1067	8412814010670	350	46	118
1084	7311518277291	338	15	148
10RM/55	7314153014399	366	25	46
10RM-10	7314153014351	366	25	46
10RM-13	7314153014368	366	25	46
10RM-17	7314153014375	366	25	46
10RM-19	7314153014382	366	25	46
10RM-8	7314153014344	366	25	46
1-100-04-1-0	7311518019006	324	20	20
1-100-04-1-2	7311518244125	324	20	20
1-100-04-2-0	7311518019013	324	20	20
1-100-04-2-2	7311518244132	324	20	20
1-100-04-3-0	7311518019020	324	20	20
1-100-06-1-0	7311518019037	324	20	20
1-100-06-1-2	7311518000233	324	20	20
1-100-06-2-0	7311518019044	324	20	20
1-100-06-2-2	7311518003593	324	20	20
1-100-06-3-0	7311518019051	324	20	20
1-100-08-1-0	7311518019068	324	20	20
1-100-08-1-2	7311518000264	324	20	20

1-100-08-2-0	7311518019075	324	20	20
1-100-08-2-2	7311518003609	324	20	20
1-100-08-3-0	7311518019082	324	20	20
1-100-08-3-2	7311518295585	324	20	20
1-100-10-1-0	7311518019099	324	20	20
1-100-10-1-2	7311518000295	324	20	20
1-100-10-2-0	7311518019105	324	20	20
1-100-10-2-2	7311518003616	324	20	20
1-100-10-3-0	7311518019112	324	20	20
1-100-10-3-2	7311518295592	324	20	20
1-100-12-1-0	7311518019129	324	20	20
1-100-12-1-2	7311518028053	324	20	20
1-100-12-2-0	7311518019136	324	20	20
1-100-12-2-2	7311518244118	324	20	20
1-100-12-3-0	7311518019143	324	20	20
1-100-12-3-2	7311518295608	324	20	20
1-100-14-1-0	7311518019150	324	20	20
1-100-14-2-0	7311518019167	324	20	20
1-102-06-2-0	7311518019198	324	20	20
1-102-06-3-0	7311518019204	324	20	20
1-102-08-1-0	7311518019211	324	20	20
1-102-08-2-0	7311518019228	324	20	20
1-102-08-3-0	7311518019235	324	20	20
1-104-10-2-0	7311518019242	324	20	20
1-104-10-3-0	7311518019259	324	20	20
1-104-12-2-0	7311518019266	324	20	20
1-104-12-3-0	7311518019273	324	20	20
1-104-14-3-0	7311518019297	324	20	20
1-106-08-1-0	7311518019303	324	20	20
1-106-08-1-2	7311518000301	324	20	20
1-106-10-1-0	7311518019310	324	20	20
1-106-10-1-2	7311518000325	324	20	20
1-106-12-1-0	7311518019327	324	20	20
1-106-12-1-2	7311518295615	324	20	20
1-110-04-1-0	7311518019334	324	20	20
1-110-04-2-0	7311518019341	324	20	20
1-110-04-3-0	7311518044046	324	20	20
1-110-06-1-0	7311518019358	324	20	20
1-110-06-1-2	7311518295622	324	20	20
1-110-06-2-0	7311518019365	324	20	20
1-110-06-2-2	7311518003623	324	20	20
1-110-06-3-0	7311518019372	324	20	20
1-110-06-3-2	7311518295639	324	20	20
1-110-08-1-0	7311518019389	324	20	20
1-110-08-1-2	7311518000332	324	20	20
1-110-08-2-0	7311518019396	324	20	20
1-110-08-2-2	7311518003630	324	20	20
1-110-08-3-0	7311518019402	324	20	20
1-110-08-3-2	7311518295646	324	20	20
1-110-10-1-0	7311518019419	324	20	20
1-110-10-1-2	7311518000349	324	20	20
1-110-10-2-0	7311518019426	324	20	20
1-110-10-2-2	7311518003647	324	20	20
1-110-10-3-0	7311518019433	324	20	20
1-110-10-3-2	7311518295653	324	20	20
1-110-12-1-0	7311518019440	324	20	20
1-110-12-1-2	7311518295660	324	20	20
1-110-12-2-0	7311518019457	324	20	20
1-110-12-2-2	7311518295677	324	20	20
1-110-12-3-0	7311518019464	324	20	20
1-110-12-3-2	7311518295684	324	20	20
1-110-14-1-0	7311518019488	324	20	20
1-111-04-1-0	7311518044053	324	20	20
1-111-04-2-0	7311518019518	324	20	20
1-111-04-3-0	7311518019525	324	20	20
1-111-06-1-0	7311518019549	324	20	20
1-111-06-2-0	7311518019556	324	20	20
1-111-06-2-2	7311518000363	324	20	20
1-111-06-3-0	7311518019563	324	20	20
1-111-08-1-0	7311518019570	324	20	20
1-111-08-2-0	7311518019587	324	20	20
1-115-11-3-1	7311518003791	324	20	20
111M/10	7314151828936	366	10	43
111M/11T	7314151828899	366	10	43
111M/14T	7314151828905	366	10	43
111M/17T	7314151828912	366	10	43
111M/26T	7314151828929	366	10	43
111M/7T	7314151828882	366	10	43
111M/SH12	7314153013347	366	10	43
111M/SH6	7314153013279	366	10	43

111M/T15/6	7314150136445	366	10	190
111M/T4/9	7314150136421	366	10	190
111M/T6/6	7314150136438	366	10	190
111M-10	7314151828653	366	10	43
111M-11	7314151828660	366	10	43
111M-12	7314151828677	366	10	43
111M-13	7314151828684	366	10	43
111M-14	7314151828691	366	10	43
111M-15	7314151828707	366	10	43
111M-16	7314151828714	366	10	43
111M-17	7314151828721	366	10	43
111M-18	7314151828738	366	10	43
111M-19	7314151828745	366	10	43
111M-20	7314151828752	366	10	43
111M-21	7314151828769	366	10	43
111M-22	7314151828776	366	10	43
111M-23	7314151828783	366	10	43
111M-24	7314151828790	366	10	43
111M-25	7314151828806	366	10	43
111M-26	7314151828813	366	10	43
111M-27	7314151828820	366	10	43
111M-28	7314151828837	366	10	43
111M-29	7314151828844	366	10	43
111M-30	7314151828851	366	10	43
111M-32	7314151828868	366	10	43
111M-34	7314151828875	366	10	43
111M-36	7314150135516	366	10	43
111M-41	7314150135523	366	10	43
111M-46	7314150135530	366	10	43
111M-55	7314151828608	366	10	43
111M-50	7314150135547	366	10	43
111M-55	7314150135554	366	10	43
111M-6	7314151828615	366	10	43
111M-60	7314150135561	366	10	43
111M-65	7314150135578	366	10	43
111M-7	7314151828622	366	10	43
111M-70	7314150135585	366	10	43
111M-75	7314150135592	366	10	43
111M-8	7314151828639	366	10	43
111M-80	7314150135608	366	10	43
111M-9	7314151828646	366	10	43
111M-SBS20/T4/E	7314150136940	366	10	190
111M-SBS20/T4/E	7314150136940	366	10	190
111M-SBS20/T6/E	7314150136957	366	10	190
111M-SBS20/T6/E	7314150136957	366	10	190
111-SBS20/T15/E	7314150136964	356	10	190
111-SBS20/T15/E	7314150136964	356	10	190
111Z/11T	7314151829124	366	10	44
111Z/8T	7314151829117	366	10	44
111Z-1	7314151829063	366	10	44
111Z-1.1/16	7314151829070	366	10	44
111Z-1.1/2	7314150135752	366	10	44
111Z-1.1/4	7314151829094	366	10	44
111Z-1.1/8	7314151829087	366	10	44
111Z-1.11/16	7314150135615	366	10	44
111Z-1.13/16	7314150135639	366	10	44
111Z-1.3/4	7314150135622	366	10	44
111Z-1.3/8	7314150135738	366	10	44
111Z-1.5/16	7314151829100	366	10	44
111Z-1.5/8	7314150135769	366	10	44
111Z-1.7/16	7314150135745	366	10	44
111Z-1.7/8	7314150135646	366	10	44
111Z-1/2	7314151828981	366	10	44
111Z-1/4	7314151828943	366	10	44
111Z-11/16	7314151829018	366	10	44
111Z-13/16	7314151829032	366	10	44
111Z-15/16	7314151829056	366	10	44
111Z-2	7314150135653	366	10	44
111Z-2.1/2	7314150135721	366	10	44
111Z-2.1/4	7314150135691	366	10	44
111Z-2.1/8	7314150135677	366	10	44
111Z-2.3/4	7314150135783	366	10	44
111Z-2.3/8	7314150135707	366	10	44
111Z-2.5/8	7314150135776	366	10	44
111Z-2.7/8	7314150135790	366	10	44
111Z-3	7314150135806	366	10	44
111Z-3/4	7314151829025	366	10	44
111Z-3/8	7314151828967	366	10	44
111Z-5/16	7314151828950	366	10	44
111Z-5/8	7314151829001	366	10	44

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ACCOUNT SUBGROUP



111Z-7/16	7314151828974	366	10	44
111Z-7/8	7314151829049	366	10	44
111Z-9/16	7314151828998	366	10	44
1-143-06-1-0	7311518019631	324	20	21
1-143-06-1-2	7311518022341	324	20	21
1-143-08-1-0	7311518019662	324	20	21
1-143-08-1-2	7311518028077	324	20	21
1-143-10-1-0	7311518019693	324	20	21
1-143-10-1-2	7311518022358	324	20	21
1-143-12-1-0	7311518019723	324	20	21
1-143-12-1-2	7311518295691	324	20	21
1150D	7311518276614	336	20	229
1157	7311518277031	358	15	183
1-160-04-1-0	7311518019785	324	20	21
1-160-04-1-2	7311518244057	324	20	21
1-160-04-2-0	7311518019792	324	20	21
1-160-04-2-2	7311518244095	324	20	21
1-160-04-3-0	7311518019808	324	20	21
1-160-06-1-0	7311518019815	324	20	21
1-160-06-1-2	7311518000370	324	20	21
1-160-06-2-0	7311518019822	324	20	21
1-160-06-2-2	7311518003685	324	20	21
1-160-06-3-0	7311518019839	324	20	21
1-160-06-3-2	7311518295707	324	20	21
1-160-08-1-0	7311518019846	324	20	21
1-160-08-1-2	7311518000394	324	20	21
1-160-08-2-0	7311518019853	324	20	21
1-160-08-2-2	7311518003692	324	20	21
1-160-08-3-0	7311518019860	324	20	21
1-160-08-3-2	7311518295714	324	20	21
1-160-10-1-0	7311518019877	324	20	21
1-160-10-1-2	7311518000400	324	20	21
1-160-10-2-0	7311518019884	324	20	21
1-160-10-2-2	7311518295721	324	20	21
1-160-10-3-0	7311518019891	324	20	21
1-160-10-3-2	7311518295738	324	20	21
1-160-12-1-0	7311518019907	324	20	21
1-160-12-1-2	7311518295745	324	20	21
1-160-12-2-0	7311518019914	324	20	21
1-160-12-2-2	7311518295752	324	20	21
1162N-1/2	7314151847241	336	15	228
1-170-04-2-0	7311518019945	324	20	21
1-170-04-2-2	7311518244088	324	20	21
1-170-04-3-0	7311518019952	324	20	21
1-170-06-1-0	7311518019969	324	20	21
1-170-06-1-2	7311518244071	324	20	21
1-170-06-2-0	7311518019976	324	20	21
1-170-06-2-2	7311518003715	324	20	21
1-170-06-3-0	7311518019983	324	20	21
1-170-06-3-2	7311518295769	324	20	21
1-170-08-1-0	7311518019990	324	20	21
1-170-08-1-2	7311518000417	324	20	21
1-170-08-2-0	7311518020002	324	20	21
1-170-08-2-2	7311518003722	324	20	21
1-170-08-3-0	7311518020019	324	20	21
1-170-08-3-2	7311518295783	324	20	21
1-170-10-1-0	7311518020026	324	20	21
1-170-10-1-2	7311518028107	324	20	21
1-170-10-2-0	7311518020033	324	20	21
1-170-10-2-2	7311518244064	324	20	21
1-170-10-3-0	7311518020040	324	20	21
1-170-10-3-2	7311518295806	324	20	21
1-170-12-1-0	7311518020057	324	20	21
1-170-12-1-2	7311518295813	324	20	21
1-170-12-2-0	7311518020064	324	20	21
1-170-12-2-2	7311518295820	324	20	21
1175-1	7314150106943	338	10	137
1175-11/2	7314150103768	338	10	137
1177-SCRIBE	7314150120550	336	10	243
1178-SCRIBE	7314150120567	336	10	243
1179-FLX	7311518276997	336	10	229
1179-SCRIBE	7314150120574	336	10	243
11M/S8	7314151829384	366	10	45
11M-10	7314151829155	366	10	45
11M-11	7314151829162	366	10	45
11M-12	7314151829179	366	10	45
11M-13	7314151829186	366	10	45
11M-14	7314151829193	366	10	45
11M-15	7314151829209	366	10	45
11M-16	7314151829216	366	10	45



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11M-17	7314151829223	366	10	45
11M-18	7314151829230	366	10	45
11M-19	7314151829247	366	10	45
11M-21	7314151829254	366	10	45
11M-22	7314151829261	366	10	45
11M-24	7314151829278	366	10	45
11M-27	7314151829285	366	10	45
11M-30	7314151829292	366	10	45
11M-32	7314151829308	366	10	45
11M-36	7314151829315	366	10	45
11M-38	7314151829322	366	10	45
11M-8	7314151829131	366	10	45
11M-9	7314151829148	366	10	45
1-210-04-1-0	7311518020071	324	20	21
1-210-04-1-2	7311518243944	324	20	21
1-210-04-2-0	7311518020088	324	20	21
1-210-04-2-2	7311518244040	324	20	21
1-210-04-3-0	7311518020095	324	20	21
1-210-06-1-0	7311518020101	324	20	21
1-210-06-1-2	7311518000424	324	20	21
1-210-06-2-0	7311518020118	324	20	21
1-210-06-2-2	7311518003654	324	20	21
1-210-06-3-0	7311518020125	324	20	21
1-210-06-3-2	7311518293574	324	20	21
1-210-08-1-0	7311518020132	324	20	21
1-210-08-1-2	7311518000455	324	20	21
1-210-08-2-0	7311518020149	324	20	21
1-210-08-2-2	7311518000479	324	20	21
1-210-08-3-0	7311518020156	324	20	21
1-210-08-3-2	7311518295837	324	20	21
1-210-10-1-0	7311518020163	324	20	21
1-210-10-1-2	7311518000493	324	20	21
1-210-10-2-0	7311518020170	324	20	21
1-210-10-2-2	7311518003661	324	20	21
1-210-10-3-0	7311518020187	324	20	21
1-210-10-3-2	7311518295844	324	20	21
1-210-12-1-0	7311518020194	324	20	21
1-210-12-1-2	7311518028121	324	20	21
1-210-12-2-0	7311518020200	324	20	21
1-210-12-2-2	7311518244149	324	20	21
1-210-12-3-0	7311518020217	324	20	21
1-210-12-3-2	7311518295851	324	20	21
1-210-14-1-0	7311518020224	324	20	21
1-230-04-1-0	7311518020248	324	20	22
1-230-04-1-2	7311518244163	324	20	22
1-230-04-2-0	7311518020255	324	20	22
1-230-04-2-2	7311518244156	324	20	22
1-230-04-3-0	7311518020262	324	20	22
1-230-06-1-0	7311518020279	324	20	22
1-230-06-1-2	7311518000509	324	20	22
1-230-06-2-0	7311518020286	324	20	22
1-230-06-2-2	7311518000523	324	20	22
1-230-06-3-0	7311518020293	324	20	22
1-230-08-1-0	7311518020309	324	20	22
1-230-08-1-2	7311518000547	324	20	22
1-230-08-2-0	7311518020316	324	20	22
1-230-08-2-2	7311518000554	324	20	22
1-230-08-3-0	7311518020323	324	20	22
1-230-10-1-0	7311518020330	324	20	22
1-230-10-1-2	7311518000578	324	20	22
1-230-10-2-0	7311518020347	324	20	22
1-230-10-2-2	7311518003678	324	20	22
1-230-10-3-0	7311518020354	324	20	22
1-230-10-3-2	7311518295899	324	20	22
1-230-12-1-0	7311518020361	324	20	22
1-230-12-1-2	7311518295912	324	20	22
1-230-12-2-0	7311518020378	324	20	22
1-230-12-2-2	7311518295929	324	20	22
1-230-12-3-0	7311518020385	324	20	22
1300Z-1/2-9/16	7314151039998	366	10	40
1300Z-1/4-5/16	7314153000965	366	10	40
1300Z-1-1.1/8	7314153000989	366	10	40
1300Z-15/16-1	7314153005656	366	10	40
1300Z-19/32-11/16	7314151040000	366	10	40
1300Z-25/32-13/16	7314153000972	366	10	40
1300Z-3/8-7/16	7314151039981	366	10	40
1300Z-5/8-3/4	7314151040017	366	10	40
1300Z-7/8-15/16	7314153005649	366	10	40
1-320-08-2-0	7311518191276	324	20	22
1-320-10-2-0	7311518020477	324	20	22



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1-320-12-2-0	7311518020484	324	20	22
1320RM/S7	7314153014597	366	25	40
1320RM-10-11	7314153014511	366	25	40
1320RM-12-13	7314153014528	366	25	40
1320RM-14-15	7314153014535	366	25	40
1320RM-16-17	7314153014542	366	25	40
1320RM-18-19	7314153014559	366	25	40
1320RM-6-7	7314153014498	366	25	40
1320RM-8-9	7314153014504	366	25	40
1320RZ-1/2-9/16	7314153014580	366	25	41
1320RZ-1/4-5/16	7314153014566	366	25	41
1320RZ-3/8-7/16	7314153014573	366	25	41
1322Z-1	7314150132973	366	10	48
1322Z-1/2	7314150132898	366	10	48
1322Z-11/16	7314150132928	366	10	48
1322Z-13/16	7314150132942	366	10	48
1322Z-15/16	7314150132966	366	10	48
1322Z-3/4	7314150132935	366	10	48
1322Z-3/8	7314150132874	366	10	48
1322Z-5/8	7314150132911	366	10	48
1322Z-7/16	7314150132881	366	10	48
1322Z-7/8	7314150132959	366	10	48
1322Z-9/16	7314150132904	366	10	48
133SGM-100	7314151828523	366	20	46
133SGM-105	7314151828530	366	20	46
133SGM-110	7314151828547	366	20	46
133SGM-115	7314151828554	366	20	46
133SGM-120	7314151828561	366	20	46
133SGM-27	7314151828363	366	20	46
133SGM-30	7314151828370	366	20	46
133SGM-32	7314151828387	366	20	46
133SGM-36	7314151828394	366	20	46
133SGM-41	7314151828400	366	20	46
133SGM-46	7314151828417	366	20	46
133SGM-50	7314151828424	366	20	46
133SGM-55	7314151828431	366	20	46
133SGM-60	7314151828448	366	20	46
133SGM-65	7314151828455	366	20	46
133SGM-70	7314151828462	366	20	46
133SGM-75	7314151828479	366	20	46
133SGM-80	7314151828486	366	20	46
133SGM-85	7314151828493	366	20	46
133SGM-90	7314151828509	366	20	46
133SGM-95	7314151828516	366	20	46
13561	8412814135618	350	46	119
140	7314150008797	338	10	137
141	7314150008827	338	10	137
1410	7314150106332	338	10	137
141.007.075	8412814141077	350	14	110
141.008.075	8412814141084	350	14	110
141.009.075	8412814141091	350	14	110
141.010.075	8412814141107	350	14	110
141.015.100	8412814141152	350	14	110
141.020.100	8412814141206	350	14	110
141.025.125	8412814141251	350	14	110
141.027.125	8412814141275	350	14	110
141.030.150	8412814141305	350	14	110
141.040.150	8412814141404	350	14	110
1411-3.2	7314151040437	322	15	180
1412-4.8	7314151040444	322	15	180
1413-6.4	7314151040451	322	15	180
1414-8	7314151040468	322	15	180
1415-8.7	7314151040475	322	15	180
1418A	7314151040505	322	15	180
1418B	7314151040512	322	15	180
1418C	7314151040529	322	15	180
1418D	7314151040536	322	15	180
1418E	7314151040543	322	15	180
1418F	7314151040550	322	15	180
1418G	7314151040567	322	15	180
1418H	7314151040574	322	15	180
1418I	7314151040581	322	15	180
1418K	7314151040598	322	15	180
1418S	7314151040604	322	15	180
1419/4	7314150125036	322	15	180
1419-MD	7311518277352	312	40	98
142	7314150008841	338	10	137
1420	7314150103744	338	10	137
142.000.100	8412814142098	350	28	111
142.001.150	8412814142012	350	28	111



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142.002.175	8412814142029	350	28	111
142.003.200	8412814142036	350	28	111
1420-1.4	7314151696337	322	15	180
1421-2.1	7314151696412	322	15	180
1422-3.1	7314151696689	322	15	180
1423-4.8	7314151696764	356	10	180
14-24-3810	7311518002879	316	10	18
1424-6.2	7314151696849	322	15	180
143	7314150008872	338	10	137
143.025.100	8412814143255	350	14	110
143.030.100	8412814143309	350	14	110
143.040.100	8412814143408	350	14	110
143.050.100	8412814143507	350	14	110
143.060.125	8412814143606	350	14	110
1435/5	7314151040734	322	15	180
1435/8	7314151040741	322	15	180
144	7314150008902	338	10	137
1450D/2	7314151040963	322	30	181
1450D-ISO	7314151040970	322	30	181
1450D-WVV	7314151040987	322	30	181
1450L	7314152001666	356	20	194
1450L-SP	7314151847128	356	20	194
1460M/1	7314151041090	391	40	180
1460M/2	7314151041106	322	30	180
1460Z/2	7314151041120	322	30	181
1467-250	7314150124268	340	93	144
1467-320-850	7314150178636	340	93	144
1467-520	7314150124275	340	93	144
147	7314150008933	338	10	137
1470K5	7314150136162	356	10	189
1470K6	7314150136179	356	10	189
1470K7	7314150136186	356	10	189
1-473-06-2-2	7311518201098	324	20	22
1-473-08-2-2	7311518201104	324	20	22
1-473-10-2-2	7311518201111	324	20	22
1-476-04-3-2	7311518010928	324	20	22
1-477-08-2-2	7311518037994	324	20	22
1-477-10-2-2	7311518201074	324	20	22
1-478-08-1-2	7311518141127	324	20	22
1-478-10-1-2	7311518241995	324	20	22
1-479-08-1-2	7311518176747	324	20	22
1-479-08-2-2	7311518180607	324	20	22
1480K4	7314150136155	356	10	189
1490RFC	7314150118878	356	35	196
1490RS	7314150118854	356	35	196
1490RSC	7314150118885	356	35	196
1519 D	7314150032747	340	15	127
1519-9	7314150026074	340	15	127
1520 D	7311518278922	340	15	127
1520 G	7311518266516	340	15	127
1544	7311518276560	336	20	229
1547	7311518276577	336	20	229
158-N	7311518277239	340	55	132
158-NB	7311518277246	340	55	133
166-6-16-2.5-12	7311518021979	324	15	27
166-6-16-2.5-2	7311518209698	324	15	27
167-8-21-3.2-12	7311518021986	324	15	27
168-6-3.2-1P	7311518152338	324	10	27
168-6-3.2-3P	7311518152413	324	10	27
168-6-3.5-1P	7311518152345	324	10	27
168-6-3.5-3P	7311518152420	324	10	27
168-8-4.0-1P	7311518152352	324	10	27
168-8-4.0-3P	7311518152437	324	10	27
168-8-4.0-6	7311518217419	324	10	27
168-8-4.5-1P	7311518152369	324	10	27
168-8-4.5-3P	7311518152444	324	10	27
168-8-4.5-6	7311518217426	324	10	27
168-8-4.8-1P	7311518152376	324	10	27
168-8-4.8-3P	7311518152451	324	10	27
168-8-4.8-6	7311518217433	324	10	27
168-8-5.2-1P	7311518152383	324	10	27
168-8-5.2-3P	7311518152468	324	10	27
168-8-5.2-6	7311518217440	324	10	27
168-8-5.5-1P	7311518152390	324	10	27
168-8-5.5-3P	7311518152475	324	10	27
168-8-5.5-6	7311518217457	324	10	27
168-8-6.3-1P	7311518152406	324	10	27
168-8-6.3-3P	7311518152482	324	10	27
168-COMBI-4.0	7311518209667	324	10	27
168-COMBI-4.0-6922	7311518209612	324	10	27

168-COMBI-4.8 - 1995TORX-T10



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168-COMBI-4.8	7311518209674	324	10	27
168-COMBI-4.8-6920	7311518209643	324	10	27
168-COMBI-5.5	7311518209681	324	10	27
168-COMBI-5.5-6924	7311518209650	324	10	27
190.040.075	8412814190419	350	14	109
190.040.100	8412814190426	350	14	109
190.055.100	8412814190518	350	14	109
190.055.125	8412814190525	350	14	109
190.065.125	8412814190617	350	14	109
190.065.150	8412814190624	350	14	109
190.080.150	8412814190815	350	14	109
190.080.175	8412814190822	350	14	109
190.100.200	8412814190112	350	14	109
190.120.250	8412814190129	350	14	109
191.025.075	8412814107486	350	14	110
191.030.075	8412814191317	350	14	110
191.030.100	8412814191324	350	14	110
191.030.200	8412814191331	350	14	110
191.035.100	8412814191348	350	14	110
191.040.100	8412814191416	350	14	110
191.040.125	8412814191423	350	14	110
191.040.250	8412814191430	350	14	110
191.055.125	8412814191515	350	14	110
191.055.150	8412814191522	350	14	110
191.055.300	8412814191539	350	14	110
191.065.150	8412814191614	350	14	110
191.065.300	8412814191621	350	14	110
192.000.075	8412814192000	350	14	110
192.000.200	8412814192055	350	14	110
192.001.100	8412814192017	350	14	110
192.001.250	8412814192154	350	14	110
192.002.125	8412814192024	350	14	110
192.002.300	8412814192253	350	14	110
192.003.150	8412814192031	350	14	110
192.004.200	8412814192048	350	14	110
193.000.075	8412814193007	350	14	110
193.001.100	8412814193014	350	14	110
193.002.125	8412814193021	350	14	110
193.003.150	8412814193038	350	14	110
193.004.200	8412814193045	350	14	110
1931M/10T	7314151049409	366	10	38
1931M-10	7314151049256	366	10	38
1931M-11	7314151049263	366	10	38
1931M-12	7314151049270	366	10	38
1931M-13	7314151049287	366	10	38
1931M-14	7314151049294	366	10	38
1931M-17	7314151049324	366	10	38
1931M-4	7314151049171	366	10	38
1931M-4.5	7314151049188	366	10	38
1931M-5	7314151049195	366	10	38
1931M-5.5	7314151049201	366	10	38
1931M-6	7314151049218	366	10	38
1931M-7	7314151049225	366	10	38
1931M-8	7314151049232	366	10	38
1931M-9	7314151049249	366	10	38
1931Z/12T	7314150107674	366	10	39
1931Z-1/2	7314151049775	366	10	39
1931Z-1/4	7314151049713	366	10	39
1931Z-11/32	7314151049744	366	10	39
1931Z-13/64	7314151049683	366	10	39
1931Z-3/16	7314151049676	366	10	39
1931Z-3/8	7314151049751	366	10	39
1931Z-5/16	7314151049737	366	10	39
1931Z-5/32	7314151049669	366	10	39
1931Z-5/8	7314151049799	366	10	39
1931Z-7/16	7314151049768	366	10	39
1931Z-7/32	7314151049690	366	10	39
1931Z-9/16	7314151049782	366	10	39
1931Z-9/32	7314151049720	366	10	39
1933M/6T	7314151821654	366	10	39
1936M/12	7314151830250	366	15	42
1936M/7	7314151830243	366	15	42
1936M-10-11	7314151051402	366	15	42
1936M-10-13	7314151344146	366	15	42
1936M-12-13	7314151051419	366	15	42
1936M-13-17	7314151830144	366	15	42
1936M-14-15	7314151051426	366	15	42
1936M-14-17	7314151051129	366	15	42
1936M-16-17	7314151051433	366	15	42
1936M-17-19	7314151051136	366	15	42



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1936M-18-19	7314151051440	366	15	42
1936M-19-22	7314151051150	366	15	42
1936M-20-22	7314151830151	366	15	42
1936M-21-23	7314151830168	366	15	42
1936M-22-24	7314151830175	366	15	42
1936M-24-26	7314151830182	366	15	42
1936M-24-27	7314151051181	366	15	42
1936M-25-28	7314151830199	366	15	42
1936M-30-32	7314151051501	366	15	42
1936M-30-34	7314151838577	366	15	42
1936M-36-41	7314151830205	366	15	42
1936M-46-50	7314151830212	366	15	42
1936M-6-7	7314151051389	366	15	42
1936M-8-10	7314151830137	366	15	42
1936M-8-9	7314151051396	366	15	42
194.004.075	8412814194042	350	14	110
194.005.075	8412814194059	350	14	110
194.006.075	8412814194066	350	14	110
194.007.075	8412814194073	350	14	110
194.008.075	8412814194080	350	14	110
194.009.075	8412814194097	350	14	110
194.010.075	8412814194103	350	14	110
194.015.100	8412814194158	350	14	110
194.020.100	8412814194202	350	14	110
194.025.125	8412814194257	350	14	110
194.027.125	8412814194271	350	14	110
194.030.150	8412814194301	350	14	110
194.040.150	8412814194400	350	14	110
1943M-11-13	7314151052829	366	10	40
1943M-13-15	7314151804732	366	10	40
1943M-13-17	7314151804749	366	10	40
1943M-14-16	7314151052836	366	10	40
1943M-14-17	7314151052843	366	10	40
1943M-15-17	7314151052850	366	10	40
1943M-19-22	7314151052867	366	10	40
1949M-10-11	7314151055394	366	10	39
1949M-10-12	7314151055400	366	10	39
1949M-12-13	7314151055417	366	10	39
1949M-12-14	7314151055424	366	10	39
1949M-14-15	7314151304546	366	10	39
1949M-14-17	7314151055448	366	10	39
1949M-17-19	7314151055455	366	10	39
1949M-19-22	7314151055462	366	10	39
1949M-22-24	7314151304553	366	10	39
1949M-24-27	7314151055479	366	10	39
1949M-30-32	7314151304577	366	10	39
1949M-8-9	7314151304539	366	10	39
1949Z-1/2-9/16	7314151055509	366	10	39
1949Z-1-1.1/8	7314151055547	366	10	39
1949Z-3/4-7/8	7314151055530	366	10	39
1949Z-3/8-7/16	7314151055486	366	10	39
1949Z-5/8-3/4	7314151055523	366	10	39
195.001.025	8412814195001	350	14	110
195.002.025	8412814195025	350	14	110
195.055.025	8412814107523	350	14	110
195.060.025	8412814195612	350	14	110
1950M-10	7314151055738	366	10	39
1950M-12	7314151314941	366	10	39
1950M-13	7314151055752	366	10	39
1950M-14	7314151055769	366	10	39
1950M-17	7314151055783	366	10	39
1950M-19	7314151055790	366	10	39
1950M-21	7314151055806	366	10	39
1950M-22	7314151055813	366	10	39
1950M-24	7314151055820	366	10	39
1950M-26	7314151314996	366	10	39
1950M-27	7314151055844	366	10	39
1950M-30	7314151055868	366	10	39
1950M-32	7314151055875	366	10	39
1950M-36	7314151055905	366	10	39
1950M-41	7314151055936	366	10	39
1950M-46	7314151055967	366	10	39
1950MZ-3/8	7314150130207	310	15	37
1952M/10	7314151057688	366	10	45
1952M/14T	7314151057695	366	10	45
1952M/17T	7314151057473	366	10	45
1952M/26T	7314151057701	366	10	45
1952M/7T	7314151806637	366	10	45
1952M/SH12	7314153013330	366	10	45
1952M/SH6	7314153013286	366	10	45



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1952M-10	7314151057213	366	10	44
1952M-11	7314151057220	366	10	44
1952M-12	7314151057237	366	10	44
1952M-13	7314151057244	366	10	44
1952M-14	7314151057251	366	10	44
1952M-15	7314151057268	366	10	44
1952M-16	7314151057275	366	10	44
1952M-17	7314151057282	366	10	44
1952M-18	7314151057299	366	10	44
1952M-19	7314151057305	366	10	44
1952M-20	7314151057312	366	10	44
1952M-21	7314151057329	366	10	44
1952M-22	7314151057336	366	10	44
1952M-23	7314151057343	366	10	44
1952M-24	7314151057350	366	10	44
1952M-25	7314151057367	366	10	44
1952M-26	7314151057374	366	10	44
1952M-27	7314151057381	366	10	44
1952M-28	7314151057398	366	10	44
1952M-29	7314151325763	366	10	44
1952M-30	7314151057404	366	10	44
1952M-32	7314151057411	366	10	44
1952M-34	7314151838553	366	10	44
1952M-36	7314151057428	366	10	44
1952M-41	7314151057435	366	10	44
1952M-46	7314151840105	366	10	44
1952M-50	7314151840112	366	10	44
1952M-55	7314151840129	366	10	44
1952M-6	7314151057176	366	10	44
1952M-60	7314151840136	366	10	44
1952M-65	7314150135226	366	10	44
1952M-7	7314151057183	366	10	44
1952M-70	7314150135301	366	10	44
1952M-75	7314150135325	366	10	44
1952M-8	7314151057190	366	10	44
1952M-80	7314150135509	366	10	44
1952M-9	7314151057206	366	10	44
1952Z/11T	7314151057725	366	10	45
1952Z-1	7314151057602	366	10	45
1952Z-1.1/16	7314151057619	366	10	45
1952Z-1.1/2	7314151057756	366	10	45
1952Z-1.1/4	7314151057633	366	10	45
1952Z-1.1/8	7314151057626	366	10	45
1952Z-1.3/8	7314151057732	366	10	45
1952Z-1.5/16	7314151057718	366	10	45
1952Z-1.5/8	7314151057763	366	10	45
1952Z-1.7/16	7314151057749	366	10	45
1952Z-1/2	7314151057527	366	10	45
1952Z-1/4	7314151057480	366	10	45
1952Z-11/16	7314151057558	366	10	45
1952Z-11/32	7314150111046	366	10	45
1952Z-13/16	7314151057572	366	10	45
1952Z-15/16	7314151057596	366	10	45
1952Z-3/4	7314151057565	366	10	45
1952Z-3/8	7314151057503	366	10	45
1952Z-5/16	7314151057497	366	10	45
1952Z-5/8	7314151057541	366	10	45
1952Z-7/16	7314151057510	366	10	45
1952Z-7/8	7314151057589	366	10	45
1952Z-9/16	7314151057534	366	10	45
195.901.025	8412814195919	350	14	110
195.902.025	8412814195926	350	14	110
196.025.100	8412814107516	350	28	111
196.030.100	8412814196312	350	28	111
196.035.100	8412814196329	350	28	111
196.040.100	8412814196411	350	28	111
196.055.125	8412814196510	350	28	111
196.065.150	8412814196619	350	28	111
196.080.175	8412814196817	350	28	111
196.100.200	8412814196114	350	28	111
196.120.200	8412814196121	350	28	111
197.000.100	8412814197005	350	28	111
197.001.150	8412814197012	350	28	111
197.002.175	8412814197029	350	28	111
197.003.200	8412814197036	350	28	111
197.004.200	8412814197043	350	28	111
1976TORX/5T	7314150126927	350	54	122
1976TORX-T10	7314150123438	350	54	120
1976TORX-T15	7314150123452	350	54	120
1976TORX-T20	7314150123469	350	54	120



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1976TORX-T25	7314150123476	350	54	120
1976TORX-T27	7314150123490	350	54	120
1976TORX-T30	7314150123506	350	54	120
1976TORX-T40	7314150123513	350	54	120
1976TORX-T6	7314150122240	350	54	120
1976TORX-T7	7314150123384	350	54	120
1976TORX-T8	7314150123391	350	54	120
1976TORX-T9	7314150123414	350	54	120
198.032.125	8412814198323	350	14	110
198.040.125	8412814198415	350	14	110
198.045.125	8412814198422	350	14	110
198.050.150	8412814198514	350	14	110
198.055.150	8412814198521	350	14	110
198.060.150	8412814198613	350	14	110
198.070.150	8412814198712	350	14	110
198.080.150	8412814198811	350	14	110
198.090.150	8412814198910	350	14	110
198.100.150	8412814198101	350	14	110
198.110.150	8412814198118	350	14	110
198.120.150	8412814198125	350	14	110
198.130.150	8412814198132	350	14	110
198.140.150	8412814198149	350	14	110
1986TORX/7T	7314150123735	350	54	121
1986TORX-T10	7314150123537	350	54	120
1986TORX-T15	7314150123544	350	54	120
1986TORX-T20	7314150123551	350	54	120
1986TORX-T25	7314150123568	350	54	120
1986TORX-T27	7314150123575	350	54	120
1986TORX-T30	7314150123582	350	54	120
1986TORX-T40	7314150123599	350	54	120
1986TORX-T9	7314150122233	350	54	120
199.050.125	8412814108759	350	28	111
199.055.125	8412814199511	350	28	111
199.060.125	8412814199610	350	28	111
199.070.125	8412814199719	350	28	111
199.080.125	8412814199818	350	28	111
199.090.125	8412814199917	350	28	111
199.100.125	8412814199108	350	28	111
199.110.125	8412814199115	350	28	111
199.120.125	8412814199122	350	28	111
199.130.125	8412814199139	350	28	111
1995LM-1.5	7314150122172	350	54	120
1995LM-10	7314150123254	350	54	120
1995LM-12	7314150123261	350	54	120
1995LM-14	7314150123278	350	54	120
1995LM-2	7314150122189	350	54	120
1995LM-2.5	7314150123162	350	54	120
1995LM-3	7314150123179	350	54	120
1995LM-4	7314150123186	350	54	120
1995LM-5	7314150123209	350	54	120
1995LM-6	7314150123216	350	54	120
1995LM-7	7314150123223	350	54	120
1995LM-8	7314150123230	350	54	120
1995LM-9	7314150123247	350	54	120
1995M/10T	7314150123643	350	54	121
1995M/11T	7314150123650	350	54	121
1995M/15T	7314150123667	350	54	121
1995M/6T	7314150123629	350	54	121
1995M/8T	7314150123636	350	54	121
1995M-1.5	7314150122158	350	54	119
1995M-10	7314150122912	350	54	119
1995M-12	7314150122943	350	54	119
1995M-14	7314150122967	350	54	119
1995M-17	7314150122974	350	54	119
1995M-19	7314150122981	350	54	119
1995M-2	7314150122745	350	54	119
1995M-2.5	7314150122752	350	54	119
1995M-22	7314150122998	350	54	119
1995M-3	7314150122769	350	54	119
1995M-4	7314150122776	350	54	119
1995M-5	7314150122790	350	54	119
1995M-6	7314150122813	350	54	119
1995M-7	7314150122837	350	54	119
1995M-8	7314150122851	350	54	119
1995M-9	7314150122875	350	54	119
1995TORX/11T	7314150123742	350	54	121
1995TORX/13T	7314150123759	350	54	121
1995TORX/4T	7314150123674	350	54	121
1995TORX/7T	7314150123711	350	54	121
1995TORX-T10	7314150123308	350	54	120

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1995TORX-T15	7314150123322	350	54	120
1995TORX-T20	7314150123339	350	54	120
1995TORX-T25	7314150123346	350	54	120
1995TORX-T27	7314150123353	350	54	120
1995TORX-T30	7314150123360	350	54	120
1995TORX-T40	7314150123377	350	54	120
1995TORX-T45	7314150123407	350	54	120
1995TORX-T50	7314150123421	350	54	120
1995TORX-T6	7314150122196	350	54	120
1995TORX-T7	7314150123285	350	54	120
1995TORX-T8	7314150123292	350	54	120
1995TORX-T9	7314150122219	350	54	120
1995Z-1/16	7314150122165	350	54	120
1995Z-1/2	7314150123117	350	54	120
1995Z-1/4	7314150123070	350	54	120
1995Z-1/8	7314150123025	350	54	120
1995Z-3/16	7314150123056	350	54	120
1995Z-3/32	7314150123018	350	54	120
1995Z-3/4	7314150123155	350	54	120
1995Z-3/8	7314150123094	350	54	120
1995Z-5/16	7314150123087	350	54	120
1995Z-5/32	7314150123049	350	54	120
1995Z-5/64	7314150123001	350	54	120
1995Z-5/8	7314150123131	350	54	120
1995Z-7/16	7314150123100	350	54	120
1995Z-7/32	7314150123063	350	54	120
1996M-1.5	7314150122202	350	54	120
1996M-10	7314150122721	350	54	120
1996M-12	7314150122738	350	54	120
1996M-2	7314150122653	350	54	120
1996M-2.5	7314150122660	350	54	120
1996M-3	7314150122677	350	54	120
1996M-4	7314150122684	350	54	120
1996M-5	7314150122691	350	54	120
1996M-6	7314150122707	350	54	120
1996M-8	7314150122714	350	54	120
1996TORX/5T	7314150123698	350	54	122
1996TORX-T10	7314150122783	350	54	120
1996TORX-T15	7314150122806	350	54	120
1996TORX-T20	7314150122820	350	54	120
1996TORX-T25	7314150122844	350	54	120
1996TORX-T27	7314150122868	350	54	120
1996TORX-T30	7314150122882	350	54	120
1996TORX-T40	7314150122899	350	54	120
1996TORX-T45	7314150122905	350	54	120
1996TORX-T50	7314150122929	350	54	120
1996TORX-T9	7314150122226	350	54	120
1997M/10T	7314151302108	350	54	121
1997M/11T	7314151059453	350	54	121
1997M/7T	7314151059439	350	54	121
1997M-1.5	7314151302054	350	54	119
1997M-10	7314151059354	350	54	119
1997M-11	7314151059361	350	54	119
1997M-12	7314151059378	350	54	119
1997M-14	7314151059385	350	54	119
1997M-16	7314151059392	350	54	119
1997M-17	7314151059408	350	54	119
1997M-19	7314151059415	350	54	119
1997M-2	7314151059262	350	54	119
1997M-2.5	7314151059279	350	54	119
1997M-3	7314151059286	350	54	119
1997M-3.5	7314151302078	350	54	119
1997M-4	7314151059293	350	54	119
1997M-4.5	7314151302085	350	54	119
1997M-5	7314151059309	350	54	119
1997M-6	7314151059316	350	54	119
1997M-7	7314151059323	350	54	119
1997M-8	7314151059330	350	54	119
1997M-9	7314151059347	350	54	119
1998M/10T	7314150186228	350	54	123
1998M/11T	7314150186235	350	54	123
1998M/15T	7314150186242	350	54	123
1998M/6T	7314150186204	350	54	123
1998M/8R	7314150186266	350	54	123
1998M/8T	7314150186211	350	54	123
1998M-1.5	7314150185719	350	54	120
1998M-10	7314150185801	350	54	120
1998M-12	7314150185818	350	54	120
1998M-14	7314150185825	350	54	120
1998M-17	7314150185832	350	54	120



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1998M-19	7314150185849	350	54	120
1998M-2	7314150185726	350	54	120
1998M-2.5	7314150185733	350	54	120
1998M-22	7314150185856	350	54	120
1998M-3	7314150185740	350	54	120
1998M-4	7314150185757	350	54	120
1998M-5	7314150185764	350	54	120
1998M-6	7314150185863	350	54	120
1998M-7	7314150185771	350	54	120
1998M-8	7314150185788	350	54	120
1998M-9	7314150185795	350	54	120
1999M/7H	7314151801076	350	54	121
1999MV-10	7314150121496	350	36	49
1999MV-10	7314150121496	350	36	204
1999MV-12	7314150121502	350	36	49
1999MV-12	7314150121502	350	36	204
1999MV-3	7314150121427	350	36	49
1999MV-3	7314150121427	350	36	204
1999MV-4	7314150121434	350	36	49
1999MV-4	7314150121434	350	36	204
1999MV-5	7314150121441	350	36	49
1999MV-5	7314150121441	350	36	204
1999MV-6	7314150121458	350	36	49
1999MV-6	7314150121458	350	36	204
1999MV-7	7314150121465	350	36	49
1999MV-7	7314150121465	350	36	204
1999MV-8	7314150121472	350	36	49
1999MV-8	7314150121472	350	36	204
1999MV-9	7314150121489	350	36	49
1999MV-9	7314150121489	350	36	204
1RMS12	7314153000682	366	25	46
1RM/S6	7314153000675	366	25	46
1RM/T2/4	7314150136513	366	25	190
1RM/T2/E	7314150136971	356	10	190
1RM/T6/8	7314150136520	366	25	190
1RM/T6/E	7314150136988	356	10	190
1RM-10	7314153000576	366	25	45
1RM-11	7314153000583	366	25	45
1RM-12	7314153000590	366	25	45
1RM-13	7314153000606	366	25	45
1RM-14	7314153000613	366	25	45
1RM-15	7314153000620	366	25	45
1RM-16	7314153000637	366	25	45
1RM-17	7314153000644	366	25	45
1RM-18	7314153000651	366	25	45
1RM-19	7314153000668	366	25	45
1RM-22	73141530005915	366	25	45
1RM-24	7314153005922	366	25	45
1RM-27	7314153014177	366	25	45
1RM-30	7314153014184	366	25	45
1RM-32	7314153014191	366	25	45
1RM-6	7314153014146	366	25	45
1RM-7	7314153014153	366	25	45
1RM-8	7314153000552	366	25	45
1RM-9	7314153000569	366	25	45
1RMA/S4	7314153014658	366	25	56
1RMA/S4	7314153014658	366	25	62
1RMA/S4	7314153014658	366	25	68
1RMA/S8	7314153014665	366	25	56
1RMA/S8	7314153014665	366	25	62
1RMA/S8	7314153014665	366	25	68
1RMA-10-1/4-BIT	7314153014634	350	52	95
1RMA-10-1/4-SQ	7314153014603	366	25	55
1RMA-13-3/8-SQ	7314153014610	366	25	92
1RMA-13-5/16-BIT	7314153014641	350	52	68
1RMA-19-1/2-SQ	7314153014627	366	25	68
1RZ/S8	7314153014283	366	25	46
1RZ-1/2	7314153014245	366	25	46
1RZ-1/4	7314150153725	366	25	46
1RZ-11/16	7314153014269	366	25	46
1RZ-3/4	7314153014276	366	25	46
1RZ-3/8	7314153014214	366	25	46
1RZ-5/16	7314153014207	366	25	46
1RZ-5/8	7314153014252	366	25	46
1RZ-7/16	7314153014221	366	25	46
1RZ-9/16	7314153014238	366	25	46
2007	7314151822378	356	25	229
2009-L	7314151838195	356	30	230
2010	7314151584610	356	25	229
2010-L	7314151584535	356	25	230



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2012	7314151812553	356	25	229
202.005	8412814202051	350	18	105
202.006	8412814202068	350	18	105
202.007	8412814202075	350	18	105
202.008	8412814202082	350	18	106
202.013	8412814121406	350	18	106
202.020	8412814202204	350	18	105
202.021	8412814202211	350	18	105
202.030	8412814202303	350	32	106
202.031	8412814202310	350	32	106
202.032	8412814119298	350	32	106
202.033	8412814121376	350	32	106
202.035	8412814108742	350	32	106
2047-0.8-4	7314151060459	350	54	119
2047-1.2-8	7314151060480	350	40	119
2047-1.6-10	7314151060497	350	54	119
2047-1.5.5	7314151060473	350	54	119
2047-2-12	7314151060503	350	54	119
2047PR-1-2	7314151060558	350	54	119
2047PR-3-4	7314151060565	350	54	119
2058/S26	7314151849276	350	48	97
2058/S26-2	7314151849283	350	48	97
208	7311518017545	328	10	17
2101D-125	7314150106387	340	65	126
2101D-125IP	7314150106431	340	65	126
2101D-140	7314150106394	340	65	126
2101D-140IP	7314150106325	340	65	126
2101D-160	7314150106400	340	65	126
2101D-160IP	7314150106318	340	65	126
2101D-180	7314150106417	340	65	126
2101D-180IP	7314150106448	340	65	126
2101D-200	7314150106424	340	65	126
2101D-200IP	7314150106455	340	65	126
2101G-125	7314150106462	340	65	126
2101G-125IP	7314150106516	340	65	126
2101G-140	7314150106479	340	65	126
2101G-140A	7311518269500	340	65	126
2101G-140IP	7314150106288	340	65	126
2101G-160	7314150106486	340	65	126
2101G-160A	7311518269517	340	65	126
2101G-160IP	7314150106295	340	65	126
2101G-180	7314150106493	340	65	126
2101G-180A	7311518269524	340	65	126
2101G-180IP	7314150106523	340	65	126
2101G-200	7314150106509	340	65	126
2101G-200AHL	7311518259921	340	65	126
2101G-200IP	7314150106530	340	65	126
2101GC-125IP	7314150106547	340	65	126
2101GC-140IP	7314150106554	340	65	126
2101GC-160IP	7314150106561	340	65	126
2101GC-180IP	7314150106578	340	65	126
2101GC-200IP	7314150106585	340	65	126
2101PG-160	7314150113972	340	65	126
2101S-140	7314150106592	340	90	126
2101S-140	7314150106592	340	90	202
2101S-160	7314150106608	340	90	126
2101S-160	7314150106608	340	90	202
2101S-180	7314150106615	340	90	126
2101S-180	7314150106615	340	90	202
2101S-200	7314150106622	340	90	126
2101S-200	7314150106622	340	90	202
2145PD-150	7314150114009	340	65	126
215-150	7311518017576	328	20	16
216-150-R	7311518017583	328	20	16
216-300-R	7311518017798	328	20	16
2171G-140	7314150116232	340	65	127
2171G-160	7314150116133	340	65	127
2171G-180	7314150116140	340	65	127
2171V-160	7314150126798	340	90	126
2171V-160	7314150126798	340	90	202
2171V-180	7314150126804	340	90	126
2171V-180	7314150126804	340	90	202
218	7311518017521	328	20	17
218-BULK	7311518140946	328	20	17
219	7311518140953	328	20	17
219.000	8412814219004	350	14	112
219.001	8412814219011	350	14	112
219.002	8412814219028	350	14	112
219.003	8412814109503	350	14	112
219.005	8412814121147	350	14	112



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219.008	8412814121390	350	14	113
2190PD-150	7314150114016	340	65	126
219.100	8412814219103	350	14	111
219.101	8412814219110	350	14	111
219.102	8412814219127	350	14	111
219.105	8412814107837	350	14	111
219.109	8412814219196	350	14	111
219.110	8412814219134	350	14	112
2191V-180	7314150128716	340	90	126
2191V-180	7314150128716	340	90	202
2191V-200	7314150128723	340	90	126
2191V-200	7314150128723	340	90	202
219.600	8412814219608	350	28	112
219.601	8412814107820	350	28	112
219.602	8412814119304	350	14	113
219.605	8412814107820	350	28	112
221 D	7314150037070	340	75	135
2-21-51	7315962500011	316	10	237
222 D	7314150037087	340	75	135
22209004B	8413345401333	362	10	174
2223 D-150	7314150033591	340	25	129
2223 G-150	7314150113651	340	25	129
2223 S-150	7314150032983	340	90	129
2223 S-150	7314150032983	340	90	203
2223GC-150	7314150123919	340	25	129
2223V-160	7314150134113	340	90	129
2223V-160	7314150134113	340	90	203
223 D	7314150037094	340	75	135
2233 D-160	7314150114023	340	25	128
2233 D-200	7314150114030	340	25	128
2233 D-240	7314150114047	340	25	128
2233D-160IP	7314150114054	340	25	128
2233D-200IP	7314150114061	340	25	128
2233D-240IP	7314150114078	340	25	128
2235-160	7314150179695	340	20	128
224 D	7314150037100	340	75	135
225 D	7314150037117	340	75	135
2250V-170	7314150128730	340	90	128
2250V-170	7314150128730	340	90	203
2250V-230	7314150128747	340	90	203
2252	7314151062224	350	46	119
225-PLUS	7311518029708	328	10	16
225-S	7311518006303	328	10	16
2260V-210	7314150128754	340	90	128
2260V-210	7314150128754	340	90	203
228	7311518014995	328	20	17
228-15-5P	7311518031442	328	20	16
228-32-100P	7311518150990	328	20	16
228-32-10P	7311518010867	328	20	16
228-32-5P	7311518031459	328	20	16
228-BULK	7311518009069	328	20	17
228-SD	7311518277048	346	20	250
228-SET	7314150120796	346	20	250
229-SD	7311518277055	346	20	250
2-300-14-0-0	7311518044138	324	30	23
2-300-14-2-0	7311518044145	324	30	23
2-300-14-4-0	7311518108786	324	30	23
2-300-14-D-1P	7311518189105	324	35	24
2-300-16-0-0	7311518020491	324	30	23
2-300-16-1-0	7311518020507	324	30	23
2-300-16-2-0	7311518020514	324	30	23
2-300-16-4-0	7311518020521	324	30	23
2-300-16-D-1P	7311518189129	324	35	24
2-300-18-0-0	7311518190545	324	30	23
2-300-18-2-0	7311518190552	324	30	23
2-301-14-0-0	7311518190569	324	30	23
2-301-14-2-0	7311518108748	324	30	23
2-301-14-D-1P	7311518189136	324	35	24
2-301-16-0-0	7311518108755	324	30	23
2-301-16-1-0	7311518020538	324	30	23
2-301-16-2-0	7311518020545	324	30	23
2-301-16-D-1P	7311518189143	324	35	24
2-302-14-0-0	7311518044152	324	30	23
2-302-14-2-0	7311518044169	324	30	23
2-302-14-4-0	7311518108793	324	30	23
2-302-14-D-1P	7311518189150	324	35	24
2-302-16-0-0	7311518108762	324	30	23
2-302-16-1-0	7311518020552	324	30	23
2-302-16-2-0	7311518020569	324	30	23
2-302-16-4-0	7311518108809	324	30	23

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2-302-16-D-1P	7311518189167	324	35	24
2-302-18-0-0	7311518190613	324	30	23
2-302-18-2-0	7311518190620	324	30	23
2-303-14-2-0	7311518044176	324	30	23
2-303-14-D-1P	7311518189174	324	35	24
2-303-16-0-0	7311518108779	324	30	23
2-303-16-1-0	7311518020576	324	30	23
2-303-16-2-0	7311518020583	324	30	23
2-303-16-4-0	7311518108830	324	30	23
2-303-16-D-1P	7311518189198	324	35	24
2-303-18-0-0	7311518190644	324	30	23
2-303-18-2-0	7311518190668	324	30	23
2-304-14-0-0	7311518044183	324	30	23
2-304-14-2-0	7311518044190	324	30	23
2-304-14-4-0	7311518108878	324	30	23
2-304-14-D-1P	7311518189204	324	35	24
2-304-16-0-0	7311518020590	324	30	23
2-304-16-1-0	7311518020606	324	30	23
2-304-16-2-0	7311518020613	324	30	23
2-304-16-4-0	7311518020620	324	30	23
2-304-16-D-1P	7311518189211	324	35	24
2-304-18-0-0	7311518190712	324	30	23
2-304-18-2-0	7311518190736	324	30	23
2-305-16-1-0	7311518020637	324	30	23
2-305-16-2-0	7311518108908	324	30	23
2-306-14-D-1P	7311518189228	324	35	24
2-306-16-1-0	7311518020644	324	30	23
2-306-16-2-0	7311518108854	324	30	23
2-307-14-0-0	7311518044206	324	30	23
2-307-14-2-0	7311518044213	324	30	23
2-307-14-4-0	7311518108885	324	30	23
2-307-14-D-1P	7311518189235	324	35	24
2-307-16-0-0	7311518020651	324	30	23
2-307-16-1-0	7311518020668	324	30	23
2-307-16-2-0	7311518020675	324	30	23
2-307-16-4-0	7311518020682	324	30	23
2-307-16-D-1P	7311518189242	324	35	24
2-307-18-0-0	7311518190965	324	30	23
2-307-18-2-0	7311518190972	324	30	23
2-308-14-2-0	7311518044220	324	30	23
2-308-14-D-1P	7311518189259	324	35	24
2-308-16-0-0	7311518108861	324	30	23
2-308-16-1-0	7311518020699	324	30	23
2-308-16-2-0	7311518020705	324	30	23
2-309-16-2-0	7311518108946	324	30	23
2-309-16-4-0	7311518191054	324	30	23
230-SD	7311518280956	346	20	250
2-313-16-0-0	7311518191177	324	30	23
23-15	7311518274665	316	15	237
232.030	8412814108735	350	46	104
23-21	7311518012274	316	15	237
23-21	7311518012274	316	15	261
23-24	7311518003852	316	15	237
23-24	7311518003852	316	15	261
23-30	7311518003869	316	15	237
23-30	7311518003869	316	15	261
23-32	7311518003876	316	15	237
233-300	7311518044015	330	15	236
233-300-A	7311518044039	330	15	236
233-400	7311518044022	330	15	236
2339 D	7314150032792	340	45	127
2339 DIP	7314150103508	340	45	127
2339-220	7314150000074	340	45	127
2339-220IP	7314150101061	340	45	127
2339-250IP	7314150101078	340	45	127
2339-280IP	7314150101948	340	45	127
2339-300IP	7314150123865	340	45	127
234-A1	7311518013653	330	15	236
234-A2	7311518013660	330	15	236
234-W1	7311518013608	330	15	236
234-W2	7311518013615	330	15	236
234-W3	7311518013622	330	15	236
238	7311518011314	328	20	17
239	7311518010874	328	20	17
2420 G-125	7314150102525	340	55	133
2421 D-140IP	7314150101979	340	55	133
2421 D-160	7314150032594	340	55	133
2421 D-160IP	7314150101986	340	55	133
2421 D-180IP	7314150101993	340	55	133
2421 G-140	7314150102532	340	55	133



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2421 G-140IP	7314150102006	340	55	133
2421 G-160	7314150102549	340	55	133
2421 G-160 IP	7314150100576	340	55	133
2421 G-180	7314150102556	340	55	133
2421 G-180 IP	7314150100583	340	55	133
2421GC-160	7314150123902	340	55	133
2421V-160	7314150126774	340	90	133
2421V-160	7314150126774	340	90	202
2427 D-160	7314150032846	340	55	132
2427 D-200	7314150169030	340	55	132
2427 G-160	7314150100408	340	55	132
2427 G-160 IP	7314150100743	340	55	132
2427 G-200	7314150100415	340	55	132
2427 G-200 IP	7314150100750	340	55	132
2427 GC-160IP	7314150102051	340	55	132
2427 GC-200IP	7314150102075	340	55	132
2427 S-200	7314150033027	340	90	132
2427 S-200	7314150033027	340	90	202
2427V-200	7314150126903	340	90	132
2427V-200	7314150126903	340	90	202
2430 D-140	7314150032853	340	55	131
2430 D-140 IP	7314150100774	340	55	131
2430 D-160	7314150032860	340	55	131
2430 D-160 IP	7314150100781	340	55	131
2430 D-200	7314150032884	340	55	131
2430 D-200 IP	7314150100804	340	55	131
2430 G-140	7314150102563	340	55	131
2430 G-140 IP	7314150102143	340	55	131
2430 G-160	7314150024070	340	55	131
2430 G-160 IP	7314150100811	340	55	131
2430 G-190HD	7311518259945	340	55	131
2430 G-200	7314150100422	340	55	131
2430 G-200 IP	7314150100835	340	55	131
2430 G-210HD	7311518259952	340	55	131
2430 GC-140 IP	7314150102150	340	55	131
2430 GC-160 IP	7314150102167	340	55	131
2430 GC-200 IP	7314150102174	340	55	131
2430 S-200	7314150033010	340	90	131
2430 S-200	7314150033010	340	90	202
2430V-160	7314150126880	340	90	131
2430V-160	7314150126880	340	90	202
2430V-200	7314150126897	340	90	131
2430V-200	7314150126897	340	90	202
244-20-U7/8-HP	7311518012519	330	10	235
244-22-U7/8-HP	7311518012526	330	10	235
2444	7311518286750	334	10	241
2444	7311518286750	334	10	263
2448	7314150136049	334	10	241
244P-20-U7-HP	7311518235499	330	10	235
244P-22-U7-HP	7311518235482	330	10	235
2456 A	7314151063115	340	55	132
2456 AB	7314151063122	340	55	132
2456 AVDE	7314151598082	340	90	132
2456 B	7314151063153	340	55	132
2456 BB	7314151063160	340	55	132
2456 BVDE	7314151598167	340	90	133
2457	7314151063214	340	55	132
2457 B	7314151063221	340	55	132
2457 VDE	7314151498375	340	90	132
2458 B	7314151063269	340	55	133
2458 VDE	7314151586829	340	90	134
2460	7314151063467	340	30	140
2461 C19	7314151063498	340	30	140
2461 C40	7314151063504	340	30	140
2461 C8	7314151063481	340	30	140
2463 D19	7314151063511	340	30	140
2463 D40	7314151063528	340	30	140
2463 D8	7314151588878	340	30	140
2464 A10	7314151063535	340	30	140
2464 A19	7314151063542	340	30	140
2464 A3	7314151406516	340	30	140
2464 A40	7314151063559	340	30	140
2465D-200	7314150120826	340	30	140
2466 B10	7314151063573	340	30	140
2466 B19	7314151063580	340	30	140
2466 B3	7314151406868	340	30	140
2466 B40	7314151063597	340	30	140
2468	7311518277222	334	10	162
2470 G-160	7314150116188	340	55	131
2470 G-200	7314150116195	340	55	131



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2-470-14-0-0	7311518191191	324	30	24
2-470-14-2-0	7311518109080	324	30	24
2-470-14-4-0	7311518191207	324	30	24
2-470-16-1-0	7311518010942	324	30	24
2-470-16-2-0	7311518109097	324	30	24
2471 G-160	7314150116225	340	55	133
2-471-16-1-0	7311518010959	324	30	24
2-472-14-0-0	7311518191214	324	30	24
2-472-14-2-0	7311518109103	324	30	24
2-472-16-0-0	7311518191238	324	30	24
2-472-16-1-0	7311518010966	324	30	24
2-472-16-2-0	7311518108922	324	30	24
2477 ab	7314151063825	340	55	133
2477 bb	7314151063849	340	55	133
2477 G-200	7314150116201	340	55	132
2484/S4	7311518276553	322	25	181
2487	7311518276058	312	30	228
2488	7311518276072	334	10	239
2489	7311518276065	334	10	239
2491	7311518276096	334	10	239
2500-16-XT-HP	7311518160159	330	10	235
2500-19-XT-HP	7311518160722	330	10	235
2500-22-XT-HP	7311518140922	330	10	235
2500-24-XT7-HP	7311518181338	330	10	235
2509	7314151064280	350	46	228
2510	7314151064297	312	30	228
2520	7314150023752	340	20	128
2520 S	7314150033041	340	20	128
2520 S	7314150033041	340	20	203
2520-SH	7311518197506	340	20	128
2521 D-140	7314150032907	340	55	130
2521 G-140	7314150100293	340	55	129
2521 G-160 IP	7314150100620	340	55	129
2521D-160	7314150127139	340	55	130
2521GC-160	7314150127146	340	55	129
2521V-160	7314150126781	340	90	130
2521V-160	7314150126781	340	90	203
2530-32	7314151317300	340	80	228
2530-40	7314151317294	340	80	228
2535F1	7314151064495	350	10	228
2535F3	7314150180233	350	10	228
255	7311518007843	330	10	234
255-15/29	7311518007850	330	10	234
2555	7311518276041	312	10	33
256-26	7311518000080	330	10	235
2600-16-XT11-HP	7311518239527	330	10	233
2600-19-XT-HP	7311518160760	330	10	232
2600-22-XT-HP	7311518160777	330	10	232
2619 LS-175	7314151809188	340	75	136
2619 LS-250	7314151809195	340	75	136
2619 LS-300	7314151809201	340	75	136
2619V-250	7314150128778	340	90	136
2619V-250	7314150128778	340	90	203
2619V-300	7314150128853	340	90	203
2620-80	7311518200947	340	20	128
2628 D-160	7314150123193	340	35	130
2628 D-180	7314150042661	340	35	130
2628 D-200	7314150123315	340	35	130
2628 G-160	7314150042999	340	35	130
2628 G-160IP	7314150055357	340	35	130
2628 G-180	7314150042678	340	35	130
2628 G-180IP	7314150044030	340	35	130
2628 G-200	7314150103539	340	35	130
2628 GC-160IP	7314150101863	340	35	130
2628 GC-180IP	7314150101870	340	35	130
2628 GC-200IP	7314150101887	340	35	130
2628 S-180	7314150044054	340	90	130
2628 S-180	7314150044054	340	90	202
2628 S-200	7314150043002	340	90	130
2628 S-200	7314150043002	340	90	202
2628G-200IP	7314150101085	340	35	130
2630D-160	7314150123612	340	35	130
2630D-180	7314150123681	340	35	130
2630D-200	7314150123728	340	35	130
2630GC-160IP	7314150180165	340	35	130
2630GC-180IP	7314150180172	340	35	130
2630GC-200IP	7314150180189	340	35	130
2632	7314151065706	322	30	181
2633/S4	7311518276942	322	30	181
2633L/S4	7311518276959	322	30	181



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2635	7311518276348	338	20	229
2640D-160	7314150123766	340	35	131
2640D-180	7314150123773	340	35	131
2640D-200	7314150123797	340	35	131
2646	7314151304638	340	10	213
2646 A	7314151304645	340	10	213
2646 AK	7314151396619	340	10	213
2646 K	7314151495862	340	10	213
2646 M	7314151487928	340	10	213
2646 MF	7314151573683	340	10	214
2646 MS	7314151573768	340	10	214
2646 MT	7314150058037	340	10	214
2646 R	7314151304706	340	10	213
2646 RA	7314151834838	340	10	213
2646 RK	7314151496678	340	10	213
2648	7314151304713	340	10	213
2648 A	7314151304720	340	10	213
2649	7314150058013	340	10	213
2650	7314151065829	340	75	136
2650 B	7314151065843	340	75	136
2656	7314151304737	340	10	213
2656 A	7314151304744	340	10	213
2656 R	7314151473976	340	10	214
2656 S	7314150058044	340	10	214
2665 B-160	7314151066000	340	35	131
2665 B-180	7314151066017	340	35	131
2665 B-200	7314151066024	340	35	131
2665 VDE-160	7314151542023	340	90	131
2665 VDE-180	7314151498610	340	90	131
2665 VDE-200	7314151498887	340	90	131
2666	7314150058006	340	10	213
2666 FK	7314151066079	340	10	213
2666 FKK	7314151496593	340	10	213
2666 NB	7314151066093	340	65	126
2667 B	7314151066154	340	65	127
2667 NB	7314151066192	340	65	126
2667 NVDE	7314151497996	340	90	127
2674 B	7314151066307	340	65	127
2674 NB	7314151066321	340	65	126
2674 NVDE	7314151498535	340	90	127
2676 B	7314151066390	340	65	127
2676 NB	7314151066413	340	65	126
2676 NVDE	7314151498962	340	90	127
2678 B	7314151066468	340	65	127
2678 G-160	7314150116157	340	35	131
2678 G-180	7314150116164	340	35	131
2678 G-200	7314150116171	340	35	131
2678V-160	7314150126835	340	90	131
2678V-160	7314150126835	340	90	202
2678V-180	7314150126842	340	90	202
2678V-200	7314150126859	340	90	131
2678V-200	7314150126859	340	90	202
268	7311518017538	328	20	17
2681	7311518276706	340	93	144
2681-2635/T8/2	7314150136889	340	96	193
2681-2635/T8/E	7314150137299	356	10	193
2686	7314151066598	340	90	127
2688D-250	7314150123520	340	35	130
2694 B	7314151066826	340	55	133
2694 VDE	7314151498023	340	90	134
2698 B	7314151066888	340	55	130
2698 VDE	7314151498290	340	90	130
26S-1216	7314151830236	366	30	42
26S-610	7314151830229	366	30	42
2700-22-XT7-HP	7311518191672	330	10	232
2700-24-XT7-HP	7311518191665	330	10	232
2702	7314151066932	340	70	143
2702	7314151066932	340	70	227
2702A	7314151066949	340	70	143
2702A	7314151066949	340	70	227
2704	7314151066956	340	70	143
2704A	7314151066963	340	70	143
2704A	7314151066963	340	70	227
2705R	7314151821470	312	30	227
2707	7314151066994	340	70	143
2707	7314151066994	340	70	227
2713 A	7314151067069	340	55	134
2718	7314151067359	340	55	134

2718 B - 300-14-F15/16-HP



2718 B	7314151067380	340	55	133
2719 SB	7314151381189	340	55	132
2720	7314150179701	340	20	128
2720-SH	7314150179718	340	20	128
2724 B	7314151067601	340	55	133
2727	7314151067700	340	55	130
2727 B	7314151067731	340	55	130
2744	7314151809096	340	70	143
2787 F	7314151474270	340	10	213
2787 G	7314150058020	340	10	213
27M/10	7314150180677	366	15	42
27M/12	7314150180684	366	15	42
27M/12T	7314150180783	366	15	42
27M/6	7314150180653	366	15	42
27M/8	7314150180660	366	15	42
27M/8T	7314150180776	366	15	42
27M-10-11	7314150180523	366	15	42
27M-13-17	7314150180790	366	15	42
27M-14-15	7314150180554	366	15	42
27M-16-18	7314150180806	366	15	42
27M-18-19	7314150180578	366	15	42
27M-21-23	7314150180592	366	15	42
27M-21-24	7314150180813	366	15	42
27M-24-26	7314150180608	366	15	42
27M-24-27	7314150180820	366	15	42
27M-25-28	7314150180622	366	15	42
27M-27-29	7314150180639	366	15	42
27M-6-7	7314150180509	366	15	42
27M-8-9	7314150180516	366	15	42
2800 N	7314151318338	340	20	128
2800-140	7314150121632	340	30	139
2800-150	7314150034567	340	30	139
2800-180	7314150034581	340	30	139
2800-225	7314150034604	340	30	139
2800-2900/T8/4	7314150136780	340	30	192
2800-2900/T8/E	7314150137206	356	10	192
2800-300	7314150122622	340	30	139
2801 N	7314151318352	340	20	128
2804	7314151066598	340	50	128
2804CC62	7314150122080	340	20	128
2804CC80	7314150122097	340	20	128
2805-280	7314151826123	340	20	128
2806-35V	7314150122103	340	90	145
2806-35V	7314150122103	340	90	203
2806-52V	7314150122110	340	90	145
2806-52V	7314150122110	340	90	203
2816	7314151345501	334	10	240
2817	7314151068776	334	10	241
2817K	7314151068813	334	10	228
2817KH	7314151068820	334	15	228
2819	7314151068844	334	10	241
2820EF1	7314150122042	334	10	241
2820EF2	7314150122059	334	10	241
2820EF3	7314150122066	334	10	241
2820EF4	7314150122073	334	10	241
2820EK	7314150122035	334	10	241
2820HSV1	7314150121878	328	25	18
2820HSV1	7314150121878	328	25	207
2820HSV2	7314150121861	328	25	18
2820HSV2	7314150121861	328	25	207
2820V13	7314150121823	366	35	49
2820V13	7314150121823	366	35	204
2820V17	7314150121830	366	35	204
2820VBC	7314150121915	340	90	145
2820VBC	7314150121915	340	90	203
2820VDE	7314151605476	334	45	134
2820VDE	7314151605476	334	45	208
2820VFP	7314150121922	348	40	208
2820VG05	7314150121953	348	40	208
2820VG10	7314150121960	348	40	208
2820VGCOT	7314150121977	348	45	208
2820VHELP	7314150121908	334	45	208
2820VM	7314150121946	348	40	208
2820VP	7314150121885	334	45	207
2820VPC	7314150121892	340	90	207
2820VTEE	7314150121939	340	90	208
28-29/S4	7314150179688	340	30	140
2855	7314151825805	340	93	138
2855 D	7314151822569	340	93	138
2890-125	7314150122639	340	30	139



2890-140	7314150034550	340	30	139
2890-180	7314150034574	340	30	139
2890-210	7314150034598	340	30	139
2890-300	7314150122646	340	30	139
28M/11	7314151838126	366	15	41
28M/12	7314151838133	366	15	41
28M/15	7314151838140	366	15	41
28M/8	7314151838119	366	15	41
28M-10	7314151834678	366	15	41
28M-11	7314151834685	366	15	41
28M-12	7314151834692	366	15	41
28M-13	7314151834708	366	15	41
28M-14	7314151834715	366	15	41
28M-15	7314151834722	366	15	41
28M-16	7314151834739	366	15	41
28M-17	7314151834746	366	15	41
28M-18	7314151834753	366	15	41
28M-19	7314151834760	366	15	41
28M-20	7314150122561	366	15	41
28M-21	7314151834777	366	15	41
28M-22	7314151834784	366	15	41
28M-23	7314150122578	366	15	41
28M-24	7314151834791	366	15	41
28M-25	7314150122585	366	15	41
28M-26	7314150122592	366	15	41
28M-27	7314151834807	366	15	41
28M-28	7314150122608	366	15	41
28M-29	7314150122615	366	15	41
28M-30	7314151834814	366	15	41
28M-32	7314151834821	366	15	41
28M-6	7314151834630	366	15	41
28M-7	7314151834647	366	15	41
28M-8	7314151834654	366	15	41
28M-9	7314151834661	366	15	41
28MV-10	7314150121298	366	35	49
28MV-10	7314150121298	366	35	204
28MV-11	7314150121304	366	35	49
28MV-11	7314150121304	366	35	204
28MV-12	7314150121311	366	35	49
28MV-12	7314150121311	366	35	204
28MV-13	7314150121328	366	35	49
28MV-13	7314150121328	366	35	204
28MV-14	7314150121335	366	35	49
28MV-14	7314150121335	366	35	204
28MV-15	7314150121342	366	35	49
28MV-15	7314150121342	366	35	204
28MV-16	7314150121359	366	35	49
28MV-16	7314150121359	366	35	204
28MV-17	7314150121366	366	35	49
28MV-17	7314150121366	366	35	204
28MV-18	7314150121373	366	35	49
28MV-18	7314150121373	366	35	204
28MV-19	7314150121380	366	35	49
28MV-19	7314150121380	366	35	204
28MV-20	7314150121397	366	35	49
28MV-20	7314150121397	366	35	204
28MV-21	7314150121403	366	35	49
28MV-21	7314150121403	366	35	204
28MV-22	7314150121410	366	35	49
28MV-22	7314150121410	366	35	204
28MV-8	7314150121274	366	35	49
28MV-8	7314150121274	366	35	204
28MV-9	7314150121281	366	35	49
28MV-9	7314150121281	366	35	204
2900-140	7314150121045	340	30	139
2900-150	7314150034499	340	30	139
2900-180	7314150034512	340	30	139
2900-215	7314150034536	340	30	139
2900-300	7314150121076	340	30	139
2928-1	7314150056583	340	30	140
2928-160	7314150056514	340	30	140
2928-2	7314150056590	340	30	140
2928-200	7314150056521	340	30	140
2928-250	7314150056538	340	30	140
2928-3	7314150056606	340	30	140
2928-4	7314150056613	340	30	140
2946	7314151821548	340	85	226
2949-190IP	7314150123926	340	93	139
2949-200IP	7314150123940	340	93	139
2949-240IP	7314150123957	340	93	139



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2949-250IP	7314150123971	340	93	139
2950-250	7314150124039	340	60	138
2951/T8/3	7314150136865	358	10	193
2951/T8/E	7314150137275	356	10	193
2951-140	7314150124084	340	60	138
2951-180	7314150102204	340	60	138
2951-250	7314150102211	340	60	138
2951-300	7314150102228	340	60	138
2952-165	7314150103836	340	60	138
2952-235	7314150103843	340	60	138
2953-140	7314150124046	340	60	138
2953-200	7314150124053	340	60	138
2953-250	7314150124060	340	60	138
2953-300	7314150124077	340	60	138
2955-250	7314150102235	340	60	138
2957-250	7314150102259	340	60	138
2957-300	7314150124251	340	60	138
2958-140	7314150124107	340	60	138
2958-200	7314150124114	340	60	138
2958-250	7314150102242	340	60	138
2958-300	7314150124121	340	60	138
296	7311518034146	330	10	235
2963-280	7314150102280	340	60	139
2963-450	7314150124138	340	60	139
2963-630	7314150124145	340	60	139
2964-160	7314150124183	340	60	139
2964-280	7314150102297	340	60	139
2964-450	7314150124190	340	60	139
2964-600	7314150124206	340	60	139
2965-200	7314150124152	340	60	138
2965-280	7314150102266	340	60	138
2966-280	7314150102273	340	60	139
2967-180	7314150102396	340	60	139
2968-190	7314150124091	340	60	138
2968-235	7314150103850	340	60	138
2971G-250	7314150117154	340	75	136
2979 D-180	7314150034246	340	55	138
2990-125	7314150121250	340	30	140
2990-140	7314150034482	340	30	140
2990-180	7314150034505	340	30	140
2990-200	7314150034529	340	30	140
2990-300	7314150121267	340	30	140
2997-250	7314150124237	340	60	139
2997-300	7314150124244	340	60	139
2998-250	7314150124213	340	60	139
2998-300	7314150124220	340	60	139
2999-250	7314150124169	340	60	139
2999-300	7314150124176	340	60	139
29-B	7311518277703	312	25	166
29M/10	7314150122547	366	15	41
29M/14	7314150122554	366	15	41
29M/8	7314150122530	366	15	41
29M-10	7314150122318	366	15	41
29M-11	7314150122325	366	15	41
29M-12	7314150122332	366	15	41
29M-13	7314150122349	366	15	41
29M-14	7314150122356	366	15	41
29M-15	7314150122363	366	15	41
29M-16	7314150122370	366	15	41
29M-17	7314150122387	366	15	41
29M-18	7314150122394	366	15	41
29M-19	7314150122400	366	15	41
29M-20	7314150122417	366	15	41
29M-21	7314150122424	366	15	41
29M-22	7314150122431	366	15	41
29M-23	7314150122448	366	15	41
29M-24	7314150122455	366	15	41
29M-25	7314150122462	366	15	41
29M-26	7314150122479	366	15	41
29M-27	7314150122486	366	15	41
29M-28	7314150122493	366	15	41
29M-29	7314150122509	366	15	41
29M-30	7314150122516	366	15	41
29M-32	7314150122523	366	15	41
29M-6	7314150122271	366	15	41
29M-7	7314150122288	366	15	41
29M-8	7314150122295	366	15	41
29M-9	7314150122301	366	15	41
2M/12T	7314151001414	366	10	40
2M/8T	7314151001391	366	10	40



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2M/S8	7314151827335	366	10	40
2M/T10/5	7314150136544	366	10	190
2M/T10/E	7314150137008	356	10	190
2M/T8/7	7314150136537	366	10	190
2M-10-11	7314151001223	366	10	39
2M-10-13	7314151001513	366	10	39
2M-12-13	7314151001230	366	10	39
2M-13-17	7314151343972	366	10	39
2M-14-15	7314151001247	366	10	39
2M-16-17	7314151001254	366	10	39
2M-16-18	7314151001575	366	10	39
2M-17-19	7314151000844	366	10	39
2M-18-19	7314151001261	366	10	39
2M-19-22	7314151000868	366	10	39
2M-20-22	7314151001278	366	10	39
2M-21-23	7314151001285	366	10	39
2M-22-24	7314151001612	366	10	39
2M-24-26	7314151001292	366	10	39
2M-24-27	7314151000899	366	10	39
2M-25-28	7314151001308	366	10	39
2M-27-30	7314151001636	366	10	39
2M-27-32	7314151001322	366	10	39
2M-30-32	7314151000929	366	10	39
2M-32-36	7314151001667	366	10	39
2M-36-41	7314151001681	366	10	39
2M-41-46	7314151001704	366	10	39
2M-46-50	7314151001711	366	10	39
2M-6-7	7314151001209	366	10	39
2M-8-10	7314151001506	366	10	39
2M-8-9	7314151001216	366	10	39
2M-SBS30/T8/E	7314150136995	356	10	190
2M-SBS30/T8/E	7314150136995	356	10	190
2MV-10	7314150121113	366	35	48
2MV-10	7314150121113	366	35	204
2MV-11	7314150121120	366	35	48
2MV-11	7314150121120	366	35	204
2MV-12	7314150121137	366	35	48
2MV-12	7314150121137	366	35	204
2MV-13	7314150121144	366	35	48
2MV-13	7314150121144	366	35	204
2MV-14	7314150121151	366	35	48
2MV-14	7314150121151	366	35	204
2MV-15	7314150121168	366	35	48
2MV-15	7314150121168	366	35	204
2MV-16	7314150121175	366	35	48
2MV-16	7314150121175	366	35	204
2MV-17	7314150121182	366	35	48
2MV-17	7314150121182	366	35	204
2MV-18	7314150121199	366	35	48
2MV-18	7314150121199	366	35	204
2MV-19	7314150121205	366	35	48
2MV-19	7314150121205	366	35	204
2MV-21	7314150121212	366	35	48
2MV-21	7314150121212	366	35	204
2MV-22	7314150121229	366	35	48
2MV-22	7314150121229	366	35	204
2MV-23	7314150121236	366	35	48
2MV-23	7314150121236	366	35	204
2MV-24	7314150121243	366	35	48
2MV-24	7314150121243	366	35	204
2MV-6	7314150121069	366	35	48
2MV-6	7314150121069	366	35	204
2MV-7	7314150121083	366	35	48
2MV-7	7314150121083	366	35	204
2MV-8	7314150121090	366	35	48
2MV-8	7314150121090	366	35	204
2MV-9	7314150121106	366	35	48
2MV-9	7314150121106	366	35	204
2Z-1.1/16-1.1/4	7314151001834	366	10	39
2Z-1/2-9/16	7314151001445	366	10	39
2Z-1/4-5/16	7314151001421	366	10	39
2Z-1-1.1/8	7314151001827	366	10	39
2Z-13/16-7/8	7314151001797	366	10	39
2Z-15/16-1	7314151001810	366	10	39
2Z-3/4-7/8	7314151001773	366	10	39
2Z-3/8-7/16	7314151001438	366	10	39
2Z-5/16-3/8	7314151001728	366	10	39
2Z-5/8-11/16	7314151001452	366	10	39
2Z-9/16-5/8	7314151001735	366	10	39
300-14-F15/16-HP	7311518005955	330	10	235



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301	7311518001384	328	20	236
301-22	7311518293673	338	15	148
302	7311518013349	328	20	236
302-35	7311518293680	338	15	148
302-511W-12P	7311518207786	328	20	237
302-51W-12P	7311518013356	328	20	237
302-53W-12P	7311518013363	328	20	237
302-55W-12P	7311518013370	328	20	237
302-57W-12P	7311518013387	328	20	237
302-59W-12P	7311518207779	328	20	237
302-6X4P	7311518017590	328	20	236
302-71M-12P	7311518013394	328	20	236
302-73M-12P	7311518013400	328	20	236
302-75M-12P	7311518013417	328	20	236
302-76	7311518293697	338	15	148
302-77M-12P	7311518207793	328	20	236
302-81S-12P	7311518013677	328	20	236
302-83S-12P	7311518013684	328	20	236
302-85S-12P	7311518207809	328	20	236
303-5P	7311518031435	328	20	236
304	7311518265533	328	10	17
3043	7314151838430	356	30	229
3045/1VDE	7314151783815	391	30	134
3045V-1	7314150128785	391	30	134
3045V-1	7314150128785	391	30	208
3045V-2	7314150128792	391	30	134
3045V-2	7314150128792	391	30	208
3046-OP	7311518276980	312	30	229
3046-REF	7311518276966	312	30	228
3048VDE	7314151630232	391	30	134
3049-2	7314151848118	356	25	229
306	7311518265540	328	10	17
306-10	7314150120246	338	15	148
306-12	7314150120253	338	15	148
306-15	7311518297107	338	15	148
306-15-95	7311518297329	338	15	148
306-22	7311518297114	338	15	148
3090-20-XT11-HP	7311518181369	330	10	233
31	7314150004942	310	10	36
31 IP	7314150004959	310	10	36
3100TB	7314150125364	356	30	186
310M-24	7314151829612	366	20	41
310M-27	7314151829629	366	20	41
310M-30	7314151829636	366	20	41
310M-32	7314151829643	366	20	41
310M-36	7314151829650	366	20	41
310M-38	7314151829667	366	20	41
310M-41	7314151829674	366	20	41
310M-46	7314151829681	366	20	41
310M-50	7314151829698	366	20	41
310M-55	7314151829704	366	20	41
310M-60	7314151829711	366	20	41
310M-65	7314151829728	366	20	41
310M-70	7314151829735	366	20	41
310M-75	7314151829742	366	20	41
310M-80	7314151829759	366	20	41
310M-85	7314151829766	366	20	41
310M-90	7314151829773	366	20	41
310M-95	7314151829780	366	20	41
311-32	7314150120215	338	15	148
311-42	7311518295523	338	15	148
311-42-95	7311518295554	338	15	148
312-42	7314150120222	338	15	148
312-42-95	7314150120239	338	15	148
3126N	7314151831684	356	15	196
3128N	7314151831691	356	15	196
3140N	7314151070892	356	15	196
3141N	7314151070908	356	15	196
3149	7314151070922	356	15	196
3150-12-XT9-HP	7311518181406	330	10	233
315M-27	7314150133291	366	20	47
315M-30	7314150133307	366	20	47
315M-32	7314150133314	366	20	47
315M-36	7314150133321	366	20	47
315M-41	7314150133345	366	20	47
315M-46	7314150133352	366	20	47
315M-50	7314150133369	366	20	47
315M-55	7314150133376	366	20	47
315M-60	7314150133383	366	20	47
315M-65	7314150133390	366	20	47



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315M-70	7314150133406	366	20	47
315M-75	7314150133413	366	20	47
315M-80	7314150133420	366	20	47
315Z-1.1/16	7314150133437	366	20	47
315Z-1.1/2	7314150133505	366	20	47
315Z-1.1/4	7314150133468	366	20	47
315Z-1.1/8	7314150133444	366	20	47
315Z-1.11/16	7314150133529	366	20	47
315Z-1.13/16	7314150133543	366	20	47
315Z-1.15/16	7314150133567	366	20	47
315Z-1.3/16	7314150133451	366	20	47
315Z-1.3/4	7314150133536	366	20	47
315Z-1.3/8	7314150133482	366	20	47
315Z-1.5/16	7314150133475	366	20	47
315Z-1.5/8	7314150133512	366	20	47
315Z-1.7/16	7314150133499	366	20	47
315Z-1.7/8	7314150133550	366	20	47
315Z-2	7314150133574	366	20	47
315Z-2.1/16	7314150133581	366	20	47
315Z-2.1/2	7314150133642	366	20	47
315Z-2.1/4	7314150133611	366	20	47
315Z-2.1/8	7314150133598	366	20	47
315Z-2.15/16	7314150133697	366	20	47
315Z-2.3/16	7314150133604	366	20	47
315Z-2.3/4	7314150133673	366	20	47
315Z-2.3/8	7314150133635	366	20	47
315Z-2.5/16	7314150133628	366	20	47
315Z-2.5/8	7314150133666	366	20	47
315Z-2.7/8	7314150133680	366	20	47
315Z-2.9/16	7314150133659	366	20	47
315Z-3	7314150133703	366	20	47
315Z-3.1/8	7314150133840	366	20	47
316-1	7311518296216	338	15	148
316-2	7311518296223	338	15	148
316-2-95	7311518296278	338	15	149
317	7311518240936	328	10	17
317-40	7311518296230	338	15	149
3180-14-XT11-HP	7311518181390	330	10	233
318-38	7311518296247	338	15	149
318-54	7311518296254	338	15	149
319	7311518240943	328	10	17
31-95	7314150004973	310	10	37
320	7311518265557	328	10	17
321	7311518001841	346	45	16
321-18-SB	7311518129125	346	45	16
321-24-SB	7311518129132	346	45	16
321-7-SB	7311518129149	346	45	16
322500300	8413345012829	340	85	226
322500500	8413345012836	340	85	226
322500800	8413345012843	340	85	226
322510300	8413345015899	340	85	226
322510400	8413345137386	340	85	226
322510500	8413345015905	340	85	226
322510600	8413345137393	340	85	226
322510700	8413345137409	340	85	226
322510800	8413345015912	340	85	226
3240-14-XT11-HP	7311518243005	330	10	233
3-24-51	7315962500028	316	10	237
325	7311518214852	328	10	16
325001000	8413345000055	340	85	225
326000200	8413345000529	340	85	225
326000300	8413345012881	340	85	225
326010200	8413345016100	340	85	225
326010200	8413345016100	340	85	226
326020200	8413345016117	340	85	225
326030200	8413345016124	340	85	225
327020400	8413345012898	340	85	226
328000000	8413345000734	340	85	226
3280M	7314151071318	312	10	43
329000330	8413345000741	340	85	226
329000500	8413345000758	340	85	226
329000600	8413345000765	340	85	226
329100540	8413345000772	340	85	226
329500300	7314150181001	340	85	225
329500350	7314150181049	340	85	226
329500400	7314150181018	340	85	225
329500450	7314150181056	340	85	226
329600100	7314150181063	340	85	226
329600200	7314150181070	340	85	226
329600500	7314150181025	340	85	226

329600800	7314150181032	340	85	226
331-15-23	7311518274658	316	10	261
331-21-51-KP	7311518003814	316	10	237
331-21-51-KP	7311518003814	316	10	261
332-21-51	7311518229337	316	10	237
332-21-51	7311518229337	316	10	261
333	7311518005832	316	10	237
333	7311518005832	316	10	261
3-330-12-1-0	7311518020712	324	25	24
3-330-12-2-0	7311518020729	324	25	24
3-330-14-1-0	7311518020736	324	25	24
3-330-14-2-0	7311518020743	324	25	24
3-331-14-1-0	7311518020750	324	25	24
333-5	7311518005849	316	15	237
333-5	7311518005849	316	15	261
3365NL	7314151071455	356	10	195
3365NM	7314151071523	356	20	195
3370M	7314151071646	356	25	196
3370MW	7314151298623	356	10	196
3395L	7314151810023	356	10	197
339-6T	7311518128371	330	20	259
340-6T	7311518002008	330	20	259
341	7314150113729	338	10	137
3417 NF	7314151072209	340	25	129
3417 NF B	7314151072216	340	25	129
3417 NF VDE	7314151498450	340	90	129
3419 A	7314151812409	340	25	129
3419 B	7314151812409	340	25	129
3419 EB	7314151812621	340	25	129
342	7314150113736	338	10	137
343	7314150113743	338	10	137
344	7314150113750	338	10	137
349	7311518018924	330	20	259
350.008.1	8412814108070	350	46	106
350.008.2	8412814108087	350	46	107
350.011	8412814108032	350	46	106
3524	7314151073336	391	40	227
3524L-K	7314151339807	362	10	227
3525HB	7314151073350	391	40	227
3532	7314151073374	358	10	247
361-10	7311518295202	338	10	137
361-12	7311518295219	338	10	137
361-14	7311518295226	338	10	137
361-18	7311518295233	338	10	137
361-24	7311518295240	338	10	137
361-36	7311518295257	338	10	137
361-8	7311518295196	338	10	137
3625N-22	7314151073602	358	10	248
3625N-27	7314151073626	358	10	248
3625N-32	7314151073640	358	10	248
3625N-35	7314151073664	358	10	248
3625N-40	7314151073688	358	10	248
3625N-50	7314151073701	358	10	248
3625N-60	7314151073718	358	10	248
3625NL-22	7314151073831	358	10	248
3625NL-27	7314151073848	358	10	248
3625NL-32	7314151073855	358	10	248
3625NL-35	7314151073862	358	10	248
3625NL-40	7314151073879	358	10	248
3625NL-50	7314151073886	358	10	248
3625NL-60	7314151073893	358	10	248
3625PU-105	7314150170098	358	10	247
3625PU-30	7311518276119	358	10	247
3625PU-50	7311518276126	358	10	247
3625PU-60	7311518276133	358	10	247
3625RM-55	7314150120758	358	10	248
3625RM-65	7314150120765	358	10	248
3625RM-75	7314153019820	358	10	248
3625RM-90	7314150120390	358	10	248
3625W-22	7314150120406	358	10	248
3625W-28	7314150120413	358	10	248
3625W-35	7314150120420	358	10	248
3625W-44	7314150120437	358	10	248
3625W-55	7314150120444	358	10	248
3625WL-22	7314150120451	358	10	248
3625WL-28	7314150120468	358	10	248
3625WL-35	7314150120475	358	10	248
3625WL-44	7314150120482	358	10	248
3625WL-55	7314150120499	358	10	248
3625Y-22	7314151074074	358	10	247

3625Y-27	7314151074081	358	10	247
3625Y-32	7314151074098	358	10	247
3625Y-35	7314151074104	358	10	247
3625Y-40	7314151074111	358	10	247
3625Y-50	7314151074128	358	10	247
3625Y-60	7314151074135	358	10	247
3625YL-22	7314151074159	358	10	247
3625YL-27	7314151074166	358	10	247
3625YL-32	7314151074173	358	10	247
3625YL-35	7314151074180	358	10	247
3625YL-40	7314151074197	358	10	247
3625YL-50	7314151074203	358	10	247
3625YL-60	7314151074210	358	10	247
363-32	7311518295578	338	10	149
3643-100	7314151074654	358	15	183
3643-120	7314151074678	358	15	183
3643-150	7314151074685	358	15	183
3644-120	7314151074708	358	15	183
3644-125	7314151074722	358	15	183
3644-130	7314151074746	358	15	183
3644-150	7314151074760	358	15	183
3644-165	7314151074777	358	15	183
3644-180	7314151074791	358	15	183
3644-200	7314151074807	358	15	183
3646/6	7314151074999	358	15	184
3646-115	7314151074937	358	15	183
3646-125	7314151074944	358	15	183
3646-150	7314151074951	358	15	183
3646-165	7314151074968	358	15	183
3646-180	7314151074975	358	15	183
3646-200	7314151074982	358	15	183
3654R	7314151075132	358	15	184
3656/10	7314151075279	358	15	184
3658A/6	7314151075354	358	15	184
3658A-2	7314151075293	358	15	183
3658A-3	7314151075309	358	15	183
3658A-4	7314151075316	358	15	183
3658A-5	7314151075323	358	15	183
3658A-6	7314151075330	358	15	183
3658A-8	7314151075347	358	15	183
3659/8	7314151075583	358	15	184
3659/8T	7314151472573	358	15	184
3659-0.9	7314151075507	358	15	184
3659-1.4	7314151075514	358	15	184
3659-1.8	7314151597351	358	15	184
3659-2.4	7314151075538	358	15	184
3659-2.8	7314151597436	358	15	184
3659-3.4	7314151075552	358	15	184
3659-3.9	7314151075569	358	15	184
3659-6.0	7314151075576	358	15	184
3680	7314151075835	322	25	181
3681-11	7314150132980	322	25	181
3681-16	7314150132997	322	25	181
3681-20	7314150133000	322	25	181
3683	7314151075866	322	25	181
3684-16	7314150133017	322	25	181
3684-18	7314150133024	322	25	181
3684-24	7314150133031	322	25	181
3684-30	7314150133048	322	25	181
369	7311518016524	330	10	235
369-BLADE	7311518016531	330	10	235
370-4	7311518296193	338	10	149
372-1.1/2	7314150133239	338	10	137
372-12	7314150133284	338	10	137
372-2.1/2	7314150133246	338	10	137
372-4	7314150133253	338	10	137
372-6	7314150133260	338	10	137
372-8	7314150133277	338	10	137
3733-2	7314151834371	358	15	183
3733-3	7314151834388	358	15	183
3733-4	7314151834395	358	15	183
3733-5	7314151834401	358	15	183
3733-6	7314151834418	358	15	183
3734-2	7314151834296	358	15	183
3734-3	7314151834319	358	15	183
3734-4	7314151834326	358	15	183
3734-5	7314151834333	358	15	183
3734-6	7314151834340	358	15	183
3734-8	7314151834357	358	15	183
3734S/6	7314151834470	358	15	183

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3735-4-120	7314151834265	358	15	182
3735-5-120	7314151834272	358	15	182
3735-5-150	7314151834289	358	15	182
3735-AU	7314150125050	358	15	183
3736M-250	7314151834142	358	15	182
3736M-300	7314151834159	358	15	182
3736M-400	7314151834166	358	15	182
3736MH-250	7314151834173	358	15	182
3736MH-300	7314151834180	358	15	182
3736MH-400	7314151834197	358	15	182
3736S/6	7314151834463	358	15	183
3739-250	7314151834203	358	15	182
3739-300	7314151834210	358	15	182
3739-400	7314151834227	358	15	182
3739H-250	7314151834234	358	15	182
3739H-300	7314151834241	358	15	182
3739H-400	7314151834258	358	15	182
3740-100	7314151834005	358	15	182
3740-125	7314151834012	358	15	182
3740-150	7314151834029	358	15	182
3740-175	7314151834036	358	15	182
3740-200	7314151834043	358	15	182
3740-250	7314151834050	358	15	182
3740-300	7314151834067	358	15	182
3745-150	7314151834081	358	15	182
3745-175	7314151834098	358	15	182
3745-200	7314151834104	358	15	182
3745-250	7314151834111	358	15	182
3750	7314151834128	358	15	182
3750H	7314151834135	358	15	182
375-8	7311518296209	338	10	149
38	7314150021734	340	45	128
38	7314150021734	340	45	246
380-10	7314150133178	338	10	137
380-14	7314150133185	338	10	137
380-18	7314150133192	338	10	137
3802-300-25-1.25-10	7311518111229	342	15	10
3802-300-25-1.25-14	7311518111236	342	15	10
3802-300-25-1.25-6	7311518143299	342	15	10
3802-300-32-1.60-10	7311518111274	342	15	10
3802-300-32-1.60-6	7311518111298	342	15	10
3802-350-25-1.25-10	7311518111335	342	15	10
3802-350-25-1.25-14	7311518111342	342	15	10
3802-350-25-1.25-6	7311518111359	342	15	10
3802-350-32-1.60-10	7311518111397	342	15	10
3802-350-32-1.60-14	7311518111403	342	15	10
3802-350-32-1.60-4	7311518111410	342	15	10
3802-350-32-1.60-6	7311518111427	342	15	10
380-24	7314150133208	338	10	137
3802-400-25-1.25-10	7311518111496	342	15	10
3802-400-25-1.25-14	7311518111502	342	15	10
3802-400-25-1.25-6	7311518111519	342	15	10
3802-400-32-1.60-10	7311518111557	342	15	10
3802-400-32-1.60-14	7311518111564	342	15	10
3802-400-32-1.60-4	7311518111571	342	15	10
3802-400-32-1.60-6	7311518111588	342	15	10
3802-400-32-1.60-8	7311518111595	342	15	10
3802-400-38-2.00-10	7311518111649	342	15	10
3802-400-38-2.00-4	7311518111656	342	15	10
3802-400-38-2.00-6	7311518111663	342	15	10
3802-425-32-1.60-10	7311518111694	342	15	10
3802-425-32-1.60-6	7311518111700	342	15	10
3802-450-32-1.60-10	7311518111731	342	15	10
3802-450-32-1.60-14	7311518111748	342	15	10
3802-450-32-1.60-4	7311518111755	342	15	10
3802-450-32-1.60-6	7311518111762	342	15	10
3802-450-38-2.00-10	7311518111816	342	15	10
3802-450-38-2.00-10-KA	7311518111823	342	15	10
3802-450-38-2.00-4	7311518111830	342	15	10
3802-450-38-2.00-4-KA	7311518111847	342	15	10
3802-450-38-2.00-6	7311518111854	342	15	10
3802-450-38-2.00-6-KA	7311518111861	342	15	10
3802-450-38-2.00-8	7311518111878	342	15	10
3802-450-38-2.00-8-KA	7311518111885	342	15	10
3802-475-38-2.00-8	7311518113117	342	15	10
3802-500-38-2.00-10	7311518111953	342	15	10
3802-500-38-2.00-4	7311518111960	342	15	10
3802-500-38-2.00-6	7311518111977	342	15	10
3802-500-38-2.00-8	7311518113070	342	15	10
3802-500-50-2.50-4	7311518112028	342	15	10



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3802-500-50-2.50-4-KA	7311518112035	342	15	10
3802-500-50-2.50-6	7311518112042	342	15	10
3802-500-50-2.50-6-KA	7311518112059	342	15	10
3802-525-38-2.00-10	7311518112073	342	15	10
3802-525-38-2.00-6	7311518112097	342	15	10
3802-550-50-2.50-10	7311518112196	342	15	10
3802-550-50-2.50-4	7311518112202	342	15	10
3802-550-50-2.50-4-KA	7311518112219	342	15	10
3802-550-50-2.50-6	7311518112226	342	15	10
3802-550-50-2.50-8-KA	7311518113315	342	15	10
3802-575-50-2.50-3-KA	7311518112301	342	15	10
3802-575-50-2.50-4	7311518112318	342	15	10
3802-575-50-2.50-4-KA	7311518112325	342	15	10
3802-575-50-2.50-6	7311518112332	342	15	10
3802-575-50-2.50-6-KA	7311518112349	342	15	10
3802-600-50-2.50-4	7311518112417	342	15	10
3802-600-50-2.50-6	7311518112431	342	15	10
3802-600-50-2.50-8	7311518112455	342	15	10
3802-650-50-2.50-4	7311518112509	342	15	10
3802-650-50-2.50-4-KA	7311518112523	342	15	10
3802-650-50-2.50-6	7311518112530	342	15	10
3802-650-50-2.50-6-KA	7311518112554	342	15	10
3802-700-50-2.50-4	7311518112608	342	15	10
3802-700-50-2.50-4-KA	7311518112615	342	15	10
3802-700-50-2.50-6	7311518112622	342	15	10
3802-700-50-2.50-6-KA	7311518112639	342	15	10
3802-700-63-3.00-4	7311518112646	342	15	10
3802-750-50-2.50-4	7311518112660	342	15	10
3802-750-63-3.00-4	7311518112684	342	15	10
3802-800-70-3.00-4	7311518112707	342	15	10
3802-850-70-3.00-4	7311518112721	342	15	10
3802-950-70-3.00-4	7311518112745	342	15	10
380-36	7314150133215	338	10	137
380-48	7314150133222	338	10	137
3806-600-32	7311518018092	342	10	16
3809-300-25-1.25-10	7311518113711	342	10	9
3809-300-25-1.25-14	7311518113728	342	10	9
3809-300-32-1.60-10	7311518113735	342	10	9
3809-300-32-1.60-6	7311518113742	342	10	9
3809-350-25-1.25-10	7311518113759	342	10	9
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3840-150-8/12-ST-10P	7311518238773	346	35	14
3840-150-8/12-ST-5P	7311518235758	346	35	15
3840-150-8-UST-5P	7311518237578	346	35	15
3840-200-10/14-UST-5P	7311518278045	346	35	15
3840-200-8-UST-5P	7311518237585	346	35	15
3840-220-24	7311518182366	346	35	15
3840-228-10/14-PR09-100P	7311518255213	346	35	15
3840-228-10/14-PR09-10P	7311518255190	346	35	15
3840-228-10/14-PR13-100P	7311518255220	346	35	15
3840-228-10/14-PR13-10P	7311518255206	346	35	15
3840-228-10-ST-100P	7311518235925	346	35	14



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3840-228-10-ST-10P	7311518238780	346	35	14
3840-228-10-ST-5P	7311518235901	346	35	14
3840-228-14-ST-100P	7311518236007	346	35	14
3840-228-14-ST-10P	7311518238797	346	35	14
3840-228-14-ST-5P	7311518235987	346	35	14
3840-228-18-ST-100P	7311518236120	346	35	14
3840-228-18-ST-10P	7311518238803	346	35	14
3840-228-18-ST-5P	7311518236106	346	35	14
3840-228-5/8-DSL-10P	7311518238810	346	35	15
3840-228-5/8-DSL-5P	7311518236250	346	35	15
3840-228-6-SL-10P	7311518238827	346	35	14
3840-228-6-SL-5P	7311518235710	346	35	14
3840-228-8/12-ST-100P	7311518235802	346	35	14
3840-228-8/12-ST-10P	7311518238834	346	35	14
3840-228-8/12-ST-5P	7311518235789	346	35	14
3840-300-10/14-UST-5P	7311518278052	346	35	15
3840-300-14-ST-100P	7311518236045	346	35	14
3840-300-14-ST-10P	7311518238841	346	35	14
3840-300-14-ST-5P	7311518236014	346	35	14
3840-300-18-ST-100P	7311518236151	346	35	14
3840-300-18-ST-10P	7311518238858	346	35	14
3840-300-18-ST-5P	7311518236137	346	35	14
3840-300-5/8-DSL-10P	7311518238865	346	35	15
3840-300-5/8-DSL-5P	7311518236274	346	35	15
3840-300-6-SL-10P	7311518238872	346	35	14
3840-300-6-SL-5P	7311518235734	346	35	14
3840-300-8/12-SL-10P	7311518238889	346	35	14
3840-300-8/12-SL-5P	7311518235826	346	35	14
3840-300-8-UST-5P	7311518237592	346	35	15
3842-150-7-SL-10P	7311518238902	346	35	15
3842-150-7-SL-5P	7311518236298	346	35	15
3842-228-7-SL-10P	7311518238896	346	35	15
3842-228-7-SL-5P	7311518236311	346	35	15
3842-300-7-SL-10P	7311518238919	346	35	15
3842-300-7-SL-5P	7311518236335	346	35	15
3844-300-3-MEAT-1P	7311518267605	346	35	15
3845-18-10P	7311518101602	346	35	16
3845-24-10P	7311518101619	346	35	16
3845-32-10P	7311518101626	346	35	16
384-5T	7311518159795	330	20	259
3846-100-G-ST-2P	7311518236410	346	35	15
3846-150-6-SL-1P	7311518236359	346	35	15
3846-150-G-ST-2P	7311518236427	346	35	15
3846-228-3-ST-1P	7311518236397	346	35	15
3846-300-3-ST-1P	7311518236403	346	35	15
384-6T	7311518002039	330	20	259
3851-10-0.6-10/14	7311518182717	314	10	6
3851-10-0.6-H-4	7311518282776	314	10	6
3851-10-0.6-H-6	7311518282806	314	10	6
3851-10-0.9-10/14	7311518182823	314	10	6
3851-10-0.9-H-4	7311518282851	314	10	6
3851-10-0.9-H-6	7311518282868	314	10	6
3851-13-0.5-10/14	7311518282813	314	10	6
3851-13-0.5-14/18	7311518282790	314	10	6
3851-13-0.5-R-24	7311518282820	314	10	6
3851-13-0.6-10/14	7311518183271	314	10	6
3851-13-0.6-5/8	7311518183233	314	10	6
3851-13-0.6-6/10	7311518183240	314	10	6
3851-13-0.6-8/12	7311518185572	314	10	6
3851-13-0.6-H-4	7311518282745	314	10	6
3851-13-0.6-H-6	7311518282738	314	10	6
3851-13-0.6-HA-4	7311518282752	314	10	6
3851-13-0.6-HA-6	7311518282561	314	10	6
3851-13-0.9-10/14	7311518183868	314	10	6
3851-13-0.9-6/10	7311518183585	314	10	6
3851-13-0.9-H-3	7311518282936	314	10	6
3851-13-0.9-H-4	7311518282943	314	10	6
3851-13-0.9-HA-4	7311518281052	314	10	6
3851-20-0.9-10/14	7311518282585	314	10	6
3851-20-0.9-4/6	7311518183905	314	10	6
3851-20-0.9-5/8	7311518183929	314	10	6
3851-20-0.9-6/10	7311518183936	314	10	6
3851-20-0.9-8/12	7311518282578	314	10	6
3851-20-0.9-HA-3	7311518282646	314	10	6
3851-27-0.9-10/14	7311518165475	314	10	6
3851-27-0.9-2/3	7311518126377	314	10	6
3851-27-0.9-3/4	7311518126384	314	10	6
3851-27-0.9-4/6	7311518126391	314	10	6
3851-27-0.9-5/8	7311518126407	314	10	6
3851-27-0.9-6/10	7311518126414	314	10	6



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3851-27-0.9-8/12	7311518160692	314	10	6
3851-27-0.9-HA-2	7311518282677	314	10	6
3851-27-0.9-HA-3	7311518282684	314	10	6
3851-27-0.9-P-3	7311518157135	314	10	6
3851-27-0.9-P-4	7311518157661	314	10	6
3851-27-0.9-PSG-2/3	7311518234379	314	10	6
3851-27-0.9-PSG-3/4	7311518234386	314	10	6
3851-27-0.9-PSG-4/6	7311518236618	314	10	6
3851-34-1.1-2/3	7311518126476	314	10	6
3851-34-1.1-3/4	7311518126483	314	10	6
3851-34-1.1-4/6	7311518126490	314	10	6
3851-34-1.1-5/8	7311518126506	314	10	6
3851-34-1.1-6/10	7311518165505	314	10	6
3851-34-1.1-P-2	7311518157715	314	10	6
3851-34-1.1-P-3	7311518157753	314	10	6
3851-34-1.1-PSG-2/3	7311518227173	314	10	6
3851-34-1.1-PSG-3/4	7311518227180	314	10	6
3851-34-1.1-PSG-4/6	7311518232368	314	10	6
3851-41-1.3-1.4/2	7311518211837	314	10	6
3851-41-1.3-2/3	7311518126568	314	10	6
3851-41-1.3-3/4	7311518126575	314	10	6
3851-41-1.3-4/6	7311518126582	314	10	6
3851-41-1.3-5/8	7311518262488	314	10	6
3851-41-1.3-P-2	7311518157876	314	10	6
3851-41-1.3-PSG-1.4/2	7311518236625	314	10	6
3851-41-1.3-PSG-2/3	7311518227197	314	10	6
3851-41-1.3-PSG-3/4	7311518227203	314	10	6
3851-41-1.3-PSG-4/6	7311518234577	314	10	6
3851-54-1.3-2/3	7311518163716	314	10	6
3851-54-1.3-3/4	7311518163723	314	10	6
3851-54-1.3-4/6	7311518168025	314	10	6
3851-54-1.6-1.4/2	7311518211431	314	10	6
3851-54-1.6-1/1.4	7311518188542	314	10	6
3851-54-1.6-2/3	7311518126636	314	10	6
3851-54-1.6-3/4	7311518126643	314	10	6
3851-54-1.6-PSG-1.4/2	7311518236632	314	10	6
3851-54-1.6-PSG-2/3	7311518227210	314	10	6
3851-54-1.6-PSG-3/4	7311518227227	314	10	6
3851-6-0.6-10/14	7311518180652	314	10	6
3851-6-0.6-H-6	7311518282707	314	10	6
3851-6-0.9-10/14	7311518180768	314	10	6
3851-6-0.9-H-6	7311518282714	314	10	6
3851-67-1.6-7/1	7311518200909	314	10	6
3851-67-1.6-1/1.4	7311518178840	314	10	6
3851-80-1.6-7/1	7311518255367	314	10	6
3851-80-1.6-1/1.4	7311518197377	314	10	6
3853-27-0.9-3/4	7311518285395	314	10	8
3853-27-0.9-4/6	7311518183998	314	10	8
3853-27-0.9-5/8	7311518202118	314	10	8
3853-34-1.1-2/3	7311518282875	314	10	8
3853-34-1.1-3/4	7311518184094	314	10	8
3853-34-1.1-4/6	7311518184087	314	10	8
3853-34-1.1-5/8	7311518202149	314	10	8
3853-41-1.3-2/3	7311518282882	314	10	8
3853-41-1.3-3/4	7311518185770	314	10	8
3853-41-1.3-4/6	7311518184100	314	10	8
3853-41-1.3-5/8	7311518202286	314	10	8
3853-54-1.6-2/3	7311518282899	314	10	8
3853-54-1.6-3/4	7311518216757	314	10	8
3853-54-1.6-4/6	7311518222055	314	10	8
3853-67-1.6-2/3	7311518282905	314	10	8
3853-67-1.6-3/4	7311518282912	314	10	8
3854-27-0.9-PHG-3/4	7311518243036	314	10	7
3854-27-0.9-PHG-4/6	7311518222673	314	10	7
3854-34-1.1-PHG-2/3	7311518243043	314	10	7
3854-34-1.1-PHG-3/4	7311518243050	314	10	7
3854-34-1.1-PHG-4/6	7311518222598	314	10	7
3854-34-1.1-PQ-2/3	7311518287276	314	10	7
3854-41-1.3-PHG-1.4/2	7311518243067	314	10	7
3854-41-1.3-PHG-2/3	7311518243074	314	10	7
3854-41-1.3-PHG-3/4	7311518243081	314	10	7
3854-41-1.3-PQ-2/3	7311518280604	314	10	7
3854-41-1.3-PQ-3/4	7311518282950	314	10	7
3854-54-1.6-PHG-7/1	7311518243654	314	10	7
3854-54-1.6-PHG-1.4/2	7311518243098	314	10	7
3854-54-1.6-PHG-2/3	7311518243104	314	10	7
3854-54-1.6-PQ-9/1.2	7314150133857	314	10	7
3854-54-1.6-PQ-1.4/2	7314150127092	314	10	7
3854-67-1.6-PHG-7/1	7311518243678	314	10	7
3854-67-1.6-PHG-1.4/2	7311518249052	314	10	7

3854-67-1.6-PHG-1/1.4 - 425-28



3854-67-1.6-PHG-1/1.4	7311518249045	314	10	7
3854-67-1.6-PQ-9/1.2	7314150133888	314	10	7
3854-80-1.6-PQ-9/1.2	7314150133895	314	10	7
385-6T	7311518002053	330	20	259
3857-13-0.6-EZ-L	7311518264789	314	10	8
3857-13-0.6-EZ-S	7311518264765	314	10	8
3857-20-0.9-EZ-L	7311518264819	314	10	8
3857-20-0.9-EZ-M	7311518264802	314	10	8
3857-20-0.9-EZ-S	7311518264796	314	10	8
3857-27-0.9-EZ-L	7311518264840	314	10	8
3857-27-0.9-EZ-M	7311518264833	314	10	8
3857-27-0.9-EZ-S	7311518264826	314	10	8
3857-34-1.1-EZ-L	7311518264871	314	10	8
3857-34-1.1-EZ-M	7311518264864	314	10	8
3857-34-1.1-EZ-S	7311518264857	314	10	8
3860-41-1.3-TMC-1.4/2	7314150129379	314	15	8
3860-54-1.6-TMC-1.4/2	7314150137978	314	15	8
3860-54-1.6-TMC-1.4/2-W	7314150139613	314	15	8
3860-54-1.6-TMC-1/1.25	7314150154340	314	15	8
3860-67-1.6-TMC-1.4/2	7314150137985	314	15	8
3860-67-1.6-TMC-1.4/2-W	7314150139620	314	15	8
3860-67-1.6-TMC-1/1.25	7314150154364	314	15	8
3860-80-1.6-TMC-7/1	7314150154371	314	15	8
3866-10-0.6-G-M	7311518255695	314	15	8
3866-13-0.6-C-M	7311518255732	314	15	8
3866-13-0.6-G-M	7311518255718	314	15	8
3866-13-0.6-G-MC	7311518255725	314	15	8
3866-20-0.8-G-M	7311518255749	314	15	8
3866-20-0.8-G-MC	7311518255756	314	15	8
3866-27-0.9-C-M	7311518255763	314	15	8
3866-27-0.9-C-MC	7311518255770	314	15	8
3866-27-0.9-G-C	7311518255794	314	15	8
3866-27-0.9-G-MC	7311518255787	314	15	8
3866-34-1.1-G-C	7311518255800	314	15	8
3866-41-1.3-G-C	7311518255817	314	15	8
3866-54-1.6-G-C	7311518256067	314	15	8
3866-6-0.5-G-F	7311518255688	314	15	8
386-6T	7311518152017	330	20	259
3868-34-1.1-TSX-2	7311518203016	314	15	7
3868-34-1.1-TSX-2/3	7311518255343	314	15	7
3868-34-1.1-TSX-3/4	7311518232375	314	15	7
3868-41-1.3-TSX-1.4/2	7311518214210	314	15	7
3868-41-1.3-TSX-1.6	7311518203092	314	15	7
3868-41-1.3-TSX-2	7311518203085	314	15	7
3868-41-1.3-TSX-2/3	7311518232382	314	15	7
3868-41-1.3-TSX-3/4	7311518232399	314	15	7
3868-54-1.6-TSX-2	7311518207359	314	15	7
3868-54-1.3-TSX-1.4/2	7311518214876	314	15	7
3868-54-1.6-TSX-1.4/2	7311518214869	314	15	7
3868-54-1.6-TSX-1.6	7311518203108	314	15	7
3868-54-1.6-TSX-1/1.25	7311518213114	314	15	7
3868-54-1.6-TSX-2/3	7311518232405	314	15	7
3868-54-1.6-TSX-3/4	7311518270360	314	15	7
3868-67-1.6-TSX-7/1	7311518212865	314	15	7
3868-67-1.6-TSX-1.4/2	7311518265496	314	15	7
3868-67-1.6-TSX-1/1.25	7311518213084	314	15	7
3868-80-1.6-TSX-7/1	7311518212872	314	15	7
3869-13-0.9-TS-3	7311518200589	314	15	9
3869-20-0.9-TS-3	7311518177300	314	15	9
3869-20-0.9-TS-4	7311518197742	314	15	9
3869-27-0.9-TS-3	7311518177348	314	15	9
3869-27-0.9-TS-4	7311518182595	314	15	9
3869-29-1,1-TS-2	7311518207366	314	15	9
3869-34-1.1-TS-3	7311518177355	314	15	9
3870-BANDCALC	7311518238926	314	10	9
3870-BRUSH-100-10	7311518269876	314	10	9
3870-BRUSH-100-12	7311518269883	314	10	9
3870-BRUSH-60-6	7311518279523	314	10	9
3870-BRUSH-80-10	7311518278311	314	10	9
3870-BRUSH-80-6	7311518269906	314	10	9
3870-BRUSH-80-8	7311518269890	314	10	9
3870-GLOVE	7311518285531	314	10	9
3870-REFRACTOMETER	7311518192129	314	10	9
3870-TACHO METER	7311518145620	314	10	9
3870-TENSION METER	7311518145637	314	10	9
3870-WEDGE-3	7311518262747	314	10	9
38-8	7314151831257	312	25	181
3881-34-1.1-THQ-2/3	7311518265793	314	15	7
3881-41-1.3-THQ-1.4/2	7314150129447	314	15	7
3881-41-1.3-THQ-2/3	7314150129454	314	15	7



3881-54-1.6-THQ-1.4/2	7314150129454	314	15	7
3881-54-1.6-THQ-2/3	7314150138739	314	15	7
3881-54-1.6-THS-1/1.25	7311518269050	314	15	7
3881-67-1.6-THQ-1.4/2	7314150120369	314	15	7
3881-67-1.6-THS-1.4/2	7314150138791	314	15	7
3881-67-1.6-THS-1/1.25	7311518269043	314	15	7
3881-80-1.6-THQ-1/1.25	7314150133918	314	15	7
3881-80-1.6-THS-7/1	7311518279202	314	15	7
3906-250-18-100	7311518250997	328	15	16
3906-250-24-100	7311518251000	328	15	16
3906-250-32-100	7311518251017	328	15	16
3906-300-14-100	7311518233563	328	15	16
3906-300-14-10P	7311518233693	328	15	16
3906-300-18-100	7311518233570	328	15	16
3906-300-18-10P	7311518233723	328	15	16
3906-300-18-2P	7311518233617	328	15	16
3906-300-24-100	7311518233587	328	15	16
3906-300-24-10P	7311518233730	328	15	16
3906-300-24-2P	7311518233624	328	15	16
3906-300-24-5P	7311518237417	328	15	16
3906-300-32-100	7311518233594	328	15	16
3906-300-32-10P	7311518233747	328	15	16
3906-300-32-2P	7311518233631	328	15	16
3906-300-32-5P	7311518237424	328	15	16
3906-300-3P	7311518233754	328	15	16
39-24	7314151831301	312	25	182
396-HP	7311518152284	330	20	235
396-HP	7311518152284	330	20	259
396-HP-BLADE	7311518156404	330	20	235
396-HP-BLADE	7311518156404	330	20	259
396-JS	7311518223250	330	20	259
396-JS-BLADE	7311518223267	330	20	259
396-JT	7311518168056	330	20	259
396-JT-BLADE	7311518168063	330	20	259
396-LAP	7311518172367	330	20	236
400.003.020	8412814403205	338	20	143
400.003.030	8412814403304	338	20	144
4003M	7314151077372	354	25	70
4020L-M-3	7314151077693	366	10	43
4020L-M-3.2	7314151405038	366	10	43
4020L-M-3.5	7314151077709	366	10	43
4020L-M-4.5	7314151077723	366	10	43
4020L-M-5	7314151077730	366	10	43
4020L-M-5.5	7314151077747	366	10	43
4040M/6T	7314150112197	366	15	42
4040M/S6	7314150112180	366	15	42
4040M/T12/8	7314150136575	366	15	191
4040M-10-11	7314151078287	366	15	42
4040M-10-13	7314153000750	366	15	42
4040M-12-13	7314151078294	366	15	42
4040M-13-17	7314151804565	366	15	42
4040M-14-15	7314151078300	366	15	42
4040M-16-17	7314151078317	366	15	42
4040M-16-18	7314151839635	366	15	42
4040M-17-19	7314151804572	366	15	42
4040M-18-19	7314151078324	366	15	42
4040M-20-22	7314151078331	366	15	42
4040M-21-23	7314151078348	366	15	42
4040M-24-27	7314151831974	366	15	42
4040M-6-7	7314151831967	366	15	42
4040M-8-9	7314151078270	366	15	42
4040M-SBS50/T12/E	7314150137022	356	10	191
4040M-SBS50/T12/E	7314150137022	356	10	191
4040Z-1/2-9/16	7314151831998	366	15	43
4040Z-3/8-7/16	7314151831981	366	15	43
4040Z-5/8-11/16	7314151832001	366	15	43
4040Z-5/8-3/4	7314153001023	366	15	43
40B-115-165	7314153011879	366	30	48
40B-19-50	7314153011848	366	30	48
40B-32-75	7314153011855	366	30	48
40B-50-120	7314153011862	366	30	48
4106-19-50	7314153011886	366	30	48
4106-32-75	7314153011893	366	30	48
4124-JT-H	7311518267803	330	20	258
4128-JT-H	7311518267810	330	20	258
4130	7314150100019	340	10	134
4131	7314150100026	340	10	134
4-138-06-1-0	7311518020927	324	45	25
4-138-06-1-2	7311518000592	324	45	25
4-138-08-1-0	7311518020934	324	45	25

4-138-08-1-2	7311518000615	324	45	25
4-138-10-1-0	7311518020958	324	45	25
4-138-10-1-2	7311518000646	324	45	25
4-138-12-1-0	7311518020965	324	45	25
4-138-12-1-2	7311518194734	324	45	25
4-140-06-1-0	7311518020989	324	45	25
4-140-08-1-0	7311518020996	324	45	25
4-140-08-1-2	7311518028169	324	45	25
4-140-10-1-0	7311518022488	324	45	25
4-140-10-1-2	7311518194741	324	45	25
414-12	7311518238155	364	20	239
414-14	7311518238162	364	20	239
414-15	7311518238179	364	20	239
414-16	7311518238186	364	20	239
414-18	7311518238193	364	20	239
414-20	7311518238209	364	20	239
4-142-06-1-0	7311518021016	324	45	25
4-142-08-1-0	7311518021023	324	45	25
4-142-10-1-0	7311518021030	324	45	25
414-25	7311518238223	364	20	239
414-28	7311518238230	364	20	239
414-30	7311518238247	364	20	239
414-32	7311518238254	364	20	239
414-35	7311518238261	364	20	239
414-38	7311518238278	364	20	239
4-144-08-2-0	7311518021054	324	45	25
4-144-08-2-2	73115180201319	324	45	25
414-6	7311518238117	364	20	239
414-8	7311518238131	364	20	239
414-S3-EUR	7311518249205	364	20	240
4-152-08-2-2	7311518000691	324	45	25
4-153-08-1-2	7311518000707	324	45	25
4-154-08-2-2	7311518000714	324	45	25
4-155-08-2-0	7311518116194	324	45	25
4-155-10-2-0	7311518116200	324	45	25
4-183-04-2-0	7311518021108	324	45	25
4-183-04-2-2	7311518201401	324	45	25
4-183-05-2-0	7311518021122	324	45	25
4-183-05-2-2	7311518201418	324	45	25
4-183-06-2-0	7311518021139	324	45	25
4-183-06-2-2	7311518000769	324	45	25
4-183-07-2-0	7311518021146	324	45	25
4-183-07-2-2	7311518194710	324	45	25
4-183-08-2-0	7311518021153	324	45	25
4-183-08-2-2	7311518194727	324	45	25
4-183-10-2-0	7311518021160	324	45	25
4-183-45-2-0	7311518021115	324	45	25
4-186-04-2-0	7311518021191	324	45	26
4-186-04-2-2	7311518021425	324	45	26
4-186-05-2-0	7311518021214	324	45	26
4-186-05-2-2	7311518028213	324	45	26
4-186-06-2-0	7311518021221	324	45	26
4-186-06-2-2	7311518000837	324	45	26
4-186-07-2-0	7311518021238	324	45	26
4-186-08-2-0	7311518021245	324	45	26
4-186-45-2-0	7311518021207	324	45	26
4-187-04-2-0	7311518021269	324	45	26
4-187-05-2-0	7311518021283	324	45	26
4-187-05-2-2	7311518201449	324	45	26
4-187-06-2-0	7311518021290	324	45	26
4-187-06-2-2	7311518022464	324	45	26
4-187-07-2-0	7311518021306	324	45	26
4-187-45-2-0	7311518021276	324	45	26
4-188-05-2-0	7311518021337	324	45	26
4-188-05-2-2	7311518021456	324	45	26
4-188-06-2-0	7311518021344	324	45	26
4-190-06-2-0	7311518021368	324	45	26
4-190-06-2-2	7311518000899	324	45	26
4-190-07-2-0	7311518021375	324	45	26
4-190-07-2-2	7311518000905	324	45	26
4-190-08-2-0	7311518021382	324	45	26
4-190-08-2-2	7311518000912	324	45	26
4-192-06-2-0	7311518021412	324	45	26
4-192-06-2-2	7311518021463	324	45	26
4-192-07-2-0	7311518021429	324	45	26
4-192-08-2-0	7311518021436	324	45	26
4-192-08-2-2	7311518021487	324	45	26
41RM/S12H	7314150118250	366	25	46
41RM/S8	7314153014405	366	25	46
41RM/S8H	7314150118267	366	25	46

41RM-10	7314153014429	366	25	46
41RM-11	7314153014436	366	25	46
41RM-12	7314153014443	366	25	46
41RM-13	7314153014450	366	25	46
41RM-14	7314153014467	366	25	46
41RM-17	7314153014474	366	25	46
41RM-19	7314153014481	366	25	46
41RM-8	7314153014412	366	25	46
420-100-200	7311518011178	318	10	244
420-120-1000	7311518127398	318	10	244
420-120-1250	7311518035235	318	10	244
420-120-1500	7311518035242	318	10	244
420-120-250	7311518011185	318	10	244
420-120-300	7311518011277	318	10	244
420-120-400	7311518011284	318	10	244
420-120-500	7311518011192	318	10	244
420-120-600	7311518011215	318	10	244
420-120-800	7311518011291	318	10	244
420-140-400	7311518043841	318	10	244
420-175-400	7311518011222	318	10	244
4-202-85-2-0	7311518021474	324	45	26
4-203-85-2-0	7311518021481	324	45	26
4-204-85-2-0	7311518021498	324	45	26
420-50-100	7311518011253	318	10	244
420-50-200	7311518011260	318	10	244
420-60-120	7311518043827	318	10	244
420-60-300	7311518043834	318	10	244
420-80-160	7311518011161	318	10	244
420SC-25	7314150169825	318	10	244
420SC-50	7314150169832	318	10	244
4211-11-6T	7311518152000	330	20	259
4211-14-6T	7311518128883	330	20	259
4212-11-6T	7311518002060	330	20	259
4212-14-6T	7311518002077	330	20	259
422P-10	7311518248369	364	35	240
422P-12	7311518248376	364	35	240
422P-16	7311518248383	364	35	240
422P-20	7311518248390	364	35	240
422P-25	7311518248406	364	35	240
422P-6	7311518248352	364	35	240
4231	7314150100033	340	10	134
4239	7314150100088	340	10	135
424P-10	7311518238315	364	15	239
424P-12	7311518238322	364	15	239
424P-14	7311518238339	364	15	239
424P-15	7311518238346	364	15	239
424P-16	7311518238353	364	15	239
424P-18	7311518238360	364	15	239
424P-20	7311518238377	364	15	239
424P-22	7311518238384	364	15	239
424P-24	7311518238391	364	15	239
424P-25	7311518238407	364	15	239
424P-26	7311518238414	364	15	239
424P-28	7311518238421	364	15	239
424P-30	7311518238438	364	15	239
424P-32	7311518238445	364	15	239
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424P-38	7311518238469	364	15	239
424P-4	7311518238285	364	15	239
424P-40	7311518238476	364	15	239
424P-6	7311518238292	364	15	239
424P-8	7311518238308	364	15	239
424P-S3-EUR	7311518249199	364	15	239
424P-S6-EUR	7311518269968	364	15	239
424P-S8-EUR	7311518276393	364	15	239
425-081	7311518010669	364	25	240
425-082	7311518010676	364	25	240
425-083	7311518010683	364	25	240
425-10	7311518004613	364	25	240
425-12	7311518004620	364	25	240
425-14	7311518004637	364	25	240
425-15	7311518017767	364	25	240
425-16	7311518004644	364	25	240
425-18	7311518004651	364	25	240
425-20	7311518004668	364	25	240
425-22	7311518004675	364	25	240
425-24	7311518005993	364	25	240
425-25	7311518004682	364	25	240
425-26	7311518006006	364	25	240
425-28	7311518004699	364	25	240



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425-30	7311518004705	364	25	240
425-32	7311518004712	364	25	240
425-35	7311518017774	364	25	240
425-38	7311518004729	364	25	240
425-4	7311518030810	364	25	240
425-40	7311518017781	364	25	240
425-6	7311518004590	364	25	240
425-8	7311518004606	364	25	240
426-1000	7311518004309	336	15	243
426-1200	7311518004316	336	15	243
426-400	7311518004255	336	15	243
426-600	7311518004279	336	15	243
426-600-3	7311518004286	336	15	243
426-800	7311518004293	336	15	243
427-16	7311518025410	358	10	246
427-20	7311518025427	358	10	246
4-272-05-3-2	7311518201500	324	45	26
4-272-06-3-0	7311518021597	324	45	26
4-272-06-3-2	7311518001025	324	45	26
428-13	7311518012243	358	10	246
428-16	7311518012380	358	10	246
428-20	7311518012397	358	10	246
429-13	7311518012250	358	10	246
429-16	7311518012403	358	10	246
429-20	7311518012410	358	10	246
429-8	7311518040703	358	10	246
42H-1	7314151140373	350	50	91
42H-2	7314151140380	350	50	91
4307	7314151079444	366	30	48
4310	7314151079451	366	30	48
434-10	7311518238506	364	10	239
434-12	7311518238513	364	10	239
434-14	7311518238520	364	10	239
434-15	7311518238537	364	10	239
434-16	7311518238544	364	10	239
434-18	7311518238551	364	10	239
434-20	7311518238568	364	10	239
434-22	7311518238575	364	10	239
434-25	7311518238582	364	10	239
434-28	7311518238599	364	10	239
434-30	7311518238605	364	10	239
434-32	7311518238612	364	10	239
434-35	7311518238629	364	10	239
434-38	7311518238636	364	10	239
434-6	7311518238483	364	10	239
434-8	7311518238490	364	10	239
434-S3-EUR	7311518249212	364	10	239
434-S6-EUR	7311518267544	364	10	239
4400-11	7311518200596	330	20	259
4400-11-BULK	7311518200633	330	20	259
4400-14	7311518200602	330	20	259
4400-14-BULK	7311518200640	330	20	259
441-1.0-CA	7311518031848	346	20	250
441-1.5-CA	7311518031855	346	20	250
441-10.0-CA	7311518032067	346	20	250
441-10.5-CA	7311518032074	346	20	250
441-11.0-CA	7311518032081	346	20	250
441-11.5-CA	7311518032098	346	20	250
441-12.0-CA	7311518034429	346	20	250
441-12.5-CA	7311518032104	346	20	250
441-13.0-CA	7311518032111	346	20	250
441-14.0-CA	7311518046071	346	20	250
441-2.0-CA	7311518031862	346	20	250
441-2.5-CA	7311518031879	346	20	250
441-3.0-CA	7311518031886	346	20	250
441-3.2-CA	7311518031893	346	20	250
441-3.3-CA	7311518031909	346	20	250
441-3.3-P-CA	7311518130992	346	20	250
441-3.5-CA	7311518031916	346	20	250
441-4.0-CA	7311518031923	346	20	250
441-4.1-P-CA	7311518131074	346	20	250
441-4.2-CA	7311518031930	346	20	250
441-4.5-CA	7311518031947	346	20	250
441-4.8-CA	7311518031954	346	20	250
441-5.0-CA	7311518031961	346	20	250
441-5.5-CA	7311518031978	346	20	250
441-6.0-CA	7311518031985	346	20	250
441-6.5-CA	7311518031992	346	20	250
441-6.8-CA	7311518121921	346	20	250
441-7.0-CA	7311518032005	346	20	250



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441-7.5-CA	7311518032012	346	20	250
441-8.0-CA	7311518032029	346	20	250
441-8.5-CA	7311518032036	346	20	250
441-9.0-CA	7311518032043	346	20	250
441-9.5-CA	7311518032050	346	20	250
442	7311518002848	362	10	238
442 B	7314150008957	338	10	137
4420-11	7311518200619	330	20	259
4420-11-BULK	7311518200657	330	20	259
4420-14	7311518200626	330	20	259
4420-14-BULK	7311518200664	330	20	259
443 B	7314150008971	338	10	137
4430	7314150100040	340	10	135
444 B	7314150009008	338	10	137
446-1000	7311518001834	336	15	243
446-400	7311518001803	336	15	243
446-600	7311518001810	336	15	243
446-800	7311518001827	336	15	243
4480/2-ZD	73115182716911	338	15	149
4480M	7314151080433	338	15	149
449	7311518005337	362	10	238
450-130	7314150165186	318	10	244
450-80	7311518298531	318	10	244
451	7311518014506	362	10	238
451-1.5-10	7311518038335	346	20	250
451-10.2-10	7311518039196	346	20	250
451-10.5-5	7311518039202	346	20	250
451-10-10	7311518039189	346	20	250
451-11.5-5	7311518039240	346	20	250
451-1-10	7311518038281	346	20	250
451-11-5	7311518039226	346	20	250
451-12.5-5	7311518039288	346	20	250
451-12-5	7311518039264	346	20	250
451-13.5-5	7311518039325	346	20	250
451-13-5	7311518039301	346	20	250
451-14-5	7311518039349	346	20	250
451-16-2	7311518101015	346	20	250
451-18-2	7311518101022	346	20	250
451-2.5-10	7311518038434	346	20	250
451-20-2	7311518101039	346	20	250
451-2-10	7311518038380	346	20	250
451-3.2-10	7311518038502	346	20	250
451-3.5-10	7311518038533	346	20	250
451-3.8-10	7311518038564	346	20	250
451-3.25-10	7311518152307	346	20	250
451-3.3-10	7311518038519	346	20	250
451-3-10	7311518038489	346	20	250
451-4.2-10	7311518038601	346	20	250
451-4.5-10	7311518038632	346	20	250
451-4.8-10	7311518038663	346	20	250
451-4-10	7311518038588	346	20	250
451-5.5-10	7311518038731	346	20	250
451-5-10	7311518038687	346	20	250
451-6.5-10	7311518038830	346	20	250
451-6.8-10	7311518038861	346	20	250
451-6-10	7311518038786	346	20	250
451-7.5-10	7311518038939	346	20	250
451-7-10	7311518038885	346	20	250
451-8.5-10	7311518039035	346	20	250
451-8-10	7311518038984	346	20	250
4518-3	7314151716547	312	25	177
4518-4	7314151716622	312	25	177
4518-5	7314151716899	312	25	177
451-9.5-10	7311518039134	346	20	250
4519-1	7314151716974	322	10	179
4519-1/S	7314151843762	322	35	179
4519-10	7311518039080	346	20	250
4519-2	7314151717193	322	10	179
4519-2/S	7314151843977	322	35	179
4519-3	7314151717278	322	10	179
451-MB-1	7311518026141	346	20	250
451-MB-2	7311518026158	346	20	250
451-MB-3	7311518026165	346	20	250
451-PB-1	7311518007034	346	20	250
451-PB-2	7311518007041	346	20	250
4521N/7	7314151839802	322	10	178
4521N-0	7314151837723	322	10	178
4521N-00	7314151837716	322	10	178
4521N-A	7314151837730	322	10	178
4521N-B	7314151837747	322	10	178



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4521N-C	7314151837754	322	10	178
4521N-D	7314151837761	322	10	178
4521N-E	7314151837778	322	10	178
4521N-F	7314151837785	322	10	178
4521N-G	7314151837792	322	10	178
4521N-H	7314151837808	322	10	178
4521N-I	7314151837815	322	10	178
4521N-K	7314151837822	322	10	178
4521N-L	7314151837839	322	10	178
4521N-M	7314151837846	322	10	178
4521N-S	7314151839789	322	10	178
4521N-T	7314151839796	322	10	178
4522-1	7314151081591	322	10	178
4522-2	7314151081614	322	10	178
4523G	7314151846695	322	10	178
4524G	7314151718596	322	10	178
4528-1	7314151718671	322	10	177
4528K1	7314151837662	322	35	177
4528K2	7314151837679	322	35	177
4528K3	7314151837686	322	35	177
4528K4	7314151837693	322	35	177
4528K5	7314151837709	322	35	177
4528M1	7314150118916	322	10	177
4528M2	7314151719050	322	10	177
4528M3	7314151719135	322	10	177
4528M4	7314151719210	322	10	177
4528M5	7314151719487	322	10	177
4529-15	7314151719647	322	10	176
4529-8	7314151719562	322	10	176
4530	7314150100095	340	10	135
4532-0	7314151719722	322	10	176
4532-A	7314151082109	322	10	176
4532-B	7314151082116	322	10	176
4532-C	7314151082123	322	10	176
4532-CD/S	7314151818067	322	35	176
4532-D	7314151082130	322	10	176
4532-E	7314151082147	322	10	176
4532-EFG/S	7314151838386	322	35	176
4532-F	7314151082154	322	10	176
4532-G	7314151082161	322	10	176
4532-H	7314151719999	322	10	176
4532-H/S	7314151838393	322	35	176
4532K1	7314151082185	322	35	176
4532K2	7314151082192	322	35	176
4532K3	7314151082208	322	35	176
4532K4	7314151720148	322	35	176
4532KO	7314151720063	322	35	176
4532LK1	7314151082215	322	35	176
4532LK2	7314151082222	322	35	176
4532LK3	7314151082239	322	35	176
4532LK4	7314151082246	322	35	176
4532LK5	7314151720223	322	35	176
4532-OAB/S	7314151818050	322	35	176
4532ST/5	7314151720490	322	10	176
4533HP	7314151793043	322	10	176
4533M	7314151793050	322	10	176
4537-1	7314151720650	322	10	176
4537-2	7314151720735	322	10	176
4537-3	7314151720810	322	10	176
4537-4	7314151721039	322	10	176
4540-17	7314150125005	322	10	178
4540-25	7314150125012	322	10	178
4541-A	7314151082413	322	10	176
4541-B	7314151082420	322	10	176
4542-A	7314151082451	322	10	176
4542-B	7314151082468	322	10	176
4543-1	7314151082499	322	10	177
4543-1/S	7314151818623	322	35	177
4543-10	7314151721466	322	10	177
4543-2	7314151082505	322	10	177
4543-2/S	7314151818661	322	35	177
4543-20	7314151721541	322	10	177
4543-3	7314151721381	322	10	177
4543-3/S	7314151818708	322	35	177
4543-30	7314151721626	322	10	177
4544-1	7314151844004	322	10	177
4544-10	7314151844042	322	10	177
4544-2	7314151844011	322	10	177
4544-20	7314151844059	322	10	177
4544-3	7314151844028	322	10	177



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4544-30	7314151844066	322	10	177
4544-4	7314151844035	322	10	177
4545-1	7314151082543	312	25	177
4545-2	7314151082550	312	25	177
4545-3	7314151082567	312	25	177
4545-4	7314151722272	312	25	177
4545-5	7314151722357	312	25	177
4545-N1	7314151722432	322	10	177
4545-N2	7314151804947	322	10	177
4551-A	7314151082628	322	10	177
4551-B	7314151722784	322	10	177
4551-C	7314151082642	322	10	177
4551-D	7314151082659	322	10	177
4552-1	7314151722944	322	10	178
4552-2	7314151723088	322	10	178
4552-3	7314151723163	322	10	178
4553	7314151830649	322	15	179
4559-12	7314150113132	340	15	141
4559-12B JC	7314150113613	340	15	141
4559-18	7314150024513	340	15	141
4559-18B JC	7314150113880	340	15	141
4559-24	7314150024520	340	15	141
4559-24B JC	7314150113897	340	15	141
4559-30	7314150024537	340	15	141
4559-30B JC	7314150113903	340	15	141
4559-36	7314150024544	340	15	141
4559-36B JC	7314150113910	340	15	141
4559-42	7314150024551	340	15	141
4559-42B JC	7314150113620	340	15	141
4560-210	7314150178995	340	15	141
4574	7314151799014	322	10	179
4576	7314151804954	322	10	179
4577	7314151838348	322	10	179
4580N/7	7314151301361	322	10	179
4581N-1	7314151724139	322	10	178
4581NA	7314151301200	322	35	178
4581NB	7314151301217	322	35	178
4581NB2	7314151724726	322	35	178
4581NC	7314151301224	322	35	178
4582N-1	7314151724214	322	10	178
4582N-2	7314151724481	322	10	178
4582NA	7314151301248	322	35	178
4582NB	7314151301255	322	35	178
4583N-1	7314151724566	322	35	178
4583N-2	7314151724641	322	35	178
4583NA	7314151301279	322	35	178
4583NB	7314151301286	322	35	178
4591	7314151804039	322	15	179
4592	7314151804046	322	15	179
4593	7314151804053	322	15	179
45M-1.5	7314151140465	350	50	91
45M-2	7314151140472	350	50	91
45M-2.5	7314151140489	350	50	91
45M-3.0	7314151140496	350	50	91
460-10-CA	7311518006570	346	30	249
460-11-CA	7311518018320	346	30	249
460-12-CA	7311518006587	346	30	249
460-13-CA	7311518018337	346	30	249
460-14-CA	7311518006594	346	30	249
460-15-CA	7311518018344	346	30	249
460-16-CA	7311518006600	346	30	249
460-18-CA	7311518018351	346	30	249
460-20-CA	7311518018368	346	30	249
460-3-CA	7311518006518	346	30	249
460-4-CA	7311518006525	346	30	249
460-5-CA	7311518006532	346	30	249
460-6-CA	7311518006549	346	30	249
460-7-CA	7311518006556	346	30	249
460-8-CA	7311518006563	346	30	249
460-9-CA	7311518018313	346	30	249
460-PB-1	7311518007058	346	30	249
460-PB-2	7311518007065	346	30	249
4610-1	7314151724993	322	20	179
4611-3	7314150125043	322	20	179
4614-1	7314151725457	322	10	179
4614-2	7314151725532	322	10	179
463-10-120	7311518024918	346	25	249
463-10-200	7311518025038	346	25	249
463-10-400	7311518025076	346	25	249
463-11-150	7311518024925	346	25	249



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463-12-150	7311518024932	346	25	249
463-12-200	7311518025045	346	25	249
463-12-400	7311518025083	346	25	249
463-13-150	7311518024949	346	25	249
463-14-150	7311518024956	346	25	249
463-14-400	7311518025090	346	25	249
463-15-150	7311518127381	346	25	249
463-16-150	7311518024963	346	25	249
463-16-400	7311518025106	346	25	249
463-18-160	7311518024970	346	25	249
463-18-400	7311518025113	346	25	249
463-20-160	7311518024987	346	25	249
463-20-400	7311518025120	346	25	249
463-22-160	7311518024994	346	25	249
463-25-160	7311518025007	346	25	249
463-3,5-60	7311518024826	346	25	249
463-3-60	7311518024819	346	25	249
463-4,5-85	7311518024840	346	25	249
463-4-75	7311518024833	346	25	249
463-5,5-85	7311518024857	346	25	249
463-5-85	7311518026547	346	25	249
463-6,5-100	7311518024871	346	25	249
463-6,5-400	7311518025052	346	25	249
463-6-100	7311518024864	346	25	249
463-6-200	7311518025014	346	25	249
463-7-100	7311518024888	346	25	249
463-8-120	7311518024895	346	25	249
463-8-200	7311518025021	346	25	249
463-8-400	7311518025069	346	25	249
463-9-120	7311518024901	346	25	249
463-PB	7311518249281	346	25	249
464-10-120	7311518117269	346	25	249
464-12-150	7311518117283	346	25	249
464-14-150	7311518004354	346	25	249
464-16-150	7311518117306	346	25	249
464-4-75	7311518117368	346	25	249
464-5,5-85	7311518024833	346	25	249
464-5-85	7311518117382	346	25	249
464-6,5-100	7311518117399	346	25	249
464-6-100	7311518117412	346	25	249
464-7-100	7311518117429	346	25	249
464-8-120	7311518117436	346	25	249
464-9-120	7311518117443	346	25	249
464-PB-1	7311518175436	346	25	249
466-1000	7314150128327	336	15	243
466-1000-M	7314150186105	336	15	243
466-1200	7314150128334	336	15	243
466-1200-M	7314150186129	336	15	243
466-1800	7314150128341	336	15	243
466-2000	7314150129836	336	15	243
466-250	7314150128655	336	15	243
466-400	7314150128297	336	15	243
466-400-M	7314150128358	336	15	243
466-600	7314150128303	336	15	243
466-600-M	7314150128365	336	15	243
466-800	7314150128310	336	15	243
466-800-M	7314150186082	336	15	243
466-COMBI	7311518018306	346	30	250
4724-JT	7311518265847	330	20	259
4728-JT	7311518265854	330	20	259
474-125-0.60	7311518029050	362	10	239
474-125-0.80	7311518029869	362	10	239
474-150-0.60	7311518029876	362	10	239
474-150-0.80	7311518029883	362	10	239
4750-2PP-1	7314153014733	356	30	186
4750-3PB-1	7314153014719	356	30	186
4750-BAPA-1	7314153015310	356	10	188
4750-BAPA-2	7314153015327	356	10	188
4750-BWC-1	7314153018809	356	10	188
4750-DHO-1	7314153014740	356	10	186
4750-DHOP-1	7314153018816	356	10	186
4750-EP-1	7314153014726	356	10	186
4750-FOLTC-1	7314153019271	356	10	189
4750-GNP-1	7314153018786	356	10	188
4750-HDB-1	7314153014955	356	10	187
4750-HDBS-1	7314153015259	356	10	187
4750-HDLB-1	7314153014757	356	30	187
4750-HHO-2	7314153014863	356	10	186
4750-HMPH-1	7314153014801	356	10	187
4750-HMPH-2	7314153016010	356	10	187



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4750-JU3PB-1	7314153015747	356	30	187
4750-KNHO-1	7314153015839	356	10	186
4750-KP-1	7314153014771	356	10	186
4750-LBLL-1	7314153018830	356	10	187
4750-LBLLM-1	7314153018823	356	10	187
4750-LBRL-1	7314153018854	356	10	187
4750-LBRRM-1	7314153018847	356	10	187
4750-LUBA-1	7314153015266	356	10	188
4750-MOSBA-1	7314153015334	356	10	188
4750-MTHO-1	7314153015846	356	10	187
4750-QRLB-1	7314153014764	356	10	187
4750-ROCO-1	7314153015273	356	10	188
4750-SLTC-1	7314153019264	356	10	189
4750-TOBA-1	7314153015303	356	10	188
4750-TOCS-1	7314153015280	356	10	188
4750-TOCSAE-1	7314153015297	356	10	188
4750-TOCSSL-1	7314153016232	356	10	188
4750-TOCST-1	7314153018779	356	10	188
4750-UP-1	7314153014795	356	10	186
4750-VMPH-1	7314153014818	356	10	187
4750-VMPH-2	7314153017475	356	30	187
479-08	7311518025441	358	10	247
479-12	7311518025458	358	10	247
479-16	7311518025465	358	10	247
479-24	7311518025472	358	10	247
479-32	7311518025489	358	10	247
480-08	7311518025496	358	10	246
480-10	7311518025502	358	10	246
480-12	7311518025519	358	10	246
480-14	7311518025526	358	10	246
481-100	7311518005030	358	10	247
481-1000	7311518005092	358	10	247
481-1500	7311518025533	358	10	247
481-200	7311518005047	358	10	247
481-300	7311518005054	358	10	247
481-400	7311518005061	358	10	247
481-500	7311518005078	358	10	247
481-800	7311518025540	358	10	247
482-25	7311518025557	358	10	247
482-28	7311518025564	358	10	247
482-30	7311518025571	358	10	247
482-35	7311518025595	358	10	247
482-40	7311518025601	358	10	247
482-45	7311518027551	358	10	247
4830	7314150100057	340	10	135
4831	7314150103393	340	10	135
483-16	7311518024314	358	10	246
483-20	7311518024321	358	10	246
483-22	7311518005108	358	10	246
483-25	7311518005115	358	10	246
483-28	7311518024284	358	10	246
4833	7314150100064	340	10	135
483-30	7311518024291	358	10	246
483-300	7311518005122	358	10	246
484-1000	7311518005139	358	10	246
484-1250	7311518005139	358	10	246
484-1500	7311518005146	358	10	246
484-2000	7311518024338	358	10	246
485	7311518005153	358	10	246
486	7311518005160	358	10	246
487-1300	7314150133123	358	10	248
487-1800	7314150133130	358	10	248
487-2300	7314150133147	358	10	248
487-5200	7314150133154	358	10	248
487-5900	7314150133161	358	10	248
487-650	7314150133116	358	10	248
489-1100	7314150133055	358	10	247
489-1800	7314150133062	358	10	247
489-2700	7314150133079	358	10	247
489-3600	7314150133086	358	10	247
489-4500	7314150133093	358	10	247
489-5400	7314150133109	358	10	247
490-3.5	7311518025373	358	10	247
492-3.5	7311518025380	358	10	247
494-600	7311518025397	358	10	246
4M/10T	7314151829605	366	10	40
4M/8	7314150180493	366	10	40
4M-10-11	7314151829438	366	10	40
4M-12-13	7314151829445	366	10	40
4M-14-15	7314151829476	366	10	40
4M-16-17	7314151829490	366	10	40



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4M-17-19	7314151829506	366	10	40
4M-18-19	7314151829513	366	10	40
4M-20-22	7314151829520	366	10	40
4M-24-27	7314151829551	366	10	40
4M-30-32	7314151829575	366	10	40
4M-6-7	7314151829407	366	10	40
4M-8-9	7314151829414	366	10	40
502	7311518130589	328	20	236
502-SET2	7311518130664	328	20	236
502-SET6	7311518130633	328	20	236
5050	7314151083359	312	30	170
50K-0.6-4.5	7314151825737	350	48	91
50K-0.6-4.5-2P	7314151840167	350	48	91
50K-0.8-5.5	7314151786670	350	48	91
50K-1.0-5.5	7314151840150	350	48	91
50K-1.2-6.5	7314151786755	350	48	91
50K-1.2-8.0	7314151798901	350	48	91
50MH-0.5-3.0	7314151141974	350	48	91
50MH-0.5-4.0	7314151803483	350	48	91
50MH-0.6-3.5	7314151141981	350	48	91
50MH-0.6-4.0	7314151614461	350	48	91
50MH-0.6-4.5	7314151142001	350	48	91
50MH-0.8-5.5	7314151142032	350	48	91
50MH-1.0-5.5	7314151142049	350	48	91
50MH-1.0-6.0	7314151142056	350	48	91
50MH-1.0-7.0	7314151142070	350	48	91
50MH-1.2-6.5	7314151142063	350	48	91
50MH-1.2-8.0	7314151142100	350	48	91
50MH-1.6-10.0	7314151803674	350	48	91
50MH-1.6-9.0	7314151142131	350	48	91
51-12	7311518044565	316	15	237
51-21	7311518003906	316	15	237
51-21	7311518003906	316	15	261
51-24	7311518003913	316	15	237
5124-JS-H	7311518219352	330	20	258
5128-JS	7311518216016	330	20	258
5128-JS-H	7311518219369	330	20	258
51-30	7311518003920	316	15	237
51-32	7311518003937	316	15	237
51-36	7311518003944	316	15	237
51PZ-1-2P	7314151840372	350	48	92
51PZ1-BOX/S50	7314153014887	350	48	92
51PZ-1-1P	7314151840341	350	48	92
51PZ-2-2P	7314151840389	350	48	92
51PZ2-BOX/S100	7314151848866	350	48	92
51PZ-2-1P	7314151840358	350	48	92
51PZ-3-2P	7314151840396	350	48	92
51PZ-3-1P	7314151840365	350	48	92
51PZ-4-1P	7314151840402	350	48	92
51PZ50TIN-1	7314151840679	350	48	94
51PZ50TIN-2	7314151840686	350	48	94
51PZDSDVH-0	7314151799373	350	48	92
51PZDSDVH-1	7314151671693	350	48	92
51PZDSDVH-1B	7314151799304	350	48	92
51PZDSDVH-2	7314151671778	350	48	92
51PZDSDVH-2B	7314151665029	350	48	92
51PZDSDVH-3	7314151671853	350	48	92
51PZDSDVH-4	7314151671938	350	48	92
51PZTIN-1	7314151840310	350	48	94
51PZTIN-2	7314151840327	350	48	94
51PZTIN-3	7314151840334	350	48	94
52	7311518276027	312	10	33
5223 DC	7314150120321	340	75	136
5224 DC	7314150120338	340	75	136
5225 DC	7314150120345	340	75	136
5226 DC	7314150120352	340	75	136
527 D-160	7314150032723	340	50	127
527 D-200	7314150032730	340	50	127
527V-160	7314150126811	340	90	127
527V-160	7314150126811	340	90	202
527V-200	7314150126828	340	90	127
527V-200	7314150126828	340	90	202
528-700	7311518188993	364	40	241
528-COM	7311518188986	364	40	241
52H-0	7314151144203	350	48	91
52H-1	7314151144210	350	48	91
52H-1-2P	7314151840273	350	48	91
52H-1B	7314151799328	350	48	91
52H1-BOX/S50	7314153014870	350	48	92
52H-1-1P	7314151840242	350	48	92



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52H-2	7314151144227	350	48	91
52H-2-2P	7314151840280	350	48	91
52H-2B	7314151144241	350	48	91
52H2-BOX/S100	7314151848989	350	48	92
52H-2G-25P	7314151848262	350	48	92
52H-2G-BOX/S100	7314151849122	350	48	92
52H-2-1P	7314151840259	350	48	92
52H-3	7314151144265	350	48	91
52H-3-2P	7314151840297	350	48	91
52H-3-1P	7314151840266	350	48	92
52H-4	7314151404147	350	48	91
52H50TIN-2	7314151840655	350	48	94
52HTIN-1	7314151840211	350	48	94
52HTIN-2	7314151840228	350	48	94
52HTIN-3	7314151840235	350	48	94
541 D-150	7314150032754	340	45	127
541 D-200	7314150032761	340	45	127
541 D-250	7314150032778	340	45	127
5418	7314151084370	391	40	226
5419/6T	7314151821562	312	30	227
541D-180	7314150127160	340	45	127
541D-225	7314150127290	340	45	127
5423	7314151509088	391	40	227
5463 AMT	7314151085025	340	80	222
5463 R	7314151085063	340	80	223
5463-120	7314151085001	340	80	223
5464 R	7314151085100	340	80	223
5464-105	7314151085087	340	80	223
5465 AMT	7314151085148	340	80	222
5465 R	7314151085162	340	80	223
5467 AM	7314151085209	340	80	222
5467 R	7314151085223	340	80	223
5468-112	7314151085247	340	80	221
5469 AMI	7314151337803	340	80	222
5469 AMT	7314151085308	340	80	222
5469 B	7314151085322	340	80	221
5469 BI	7314151085346	340	80	221
5469 BR	7314151085384	340	80	221
5469 I	7314151085407	340	80	221
5469 R	7314151085421	340	80	221
5469-127	7314151085285	340	80	221
5470 I-140	7314151085506	340	80	223
5470 I-160	7314151085520	340	80	223
5470 R-140	7314151085568	340	80	223
5470 R-160	7314151085582	340	80	223
5470-120	7314151085452	340	80	223
5470-140	7314151085445	340	80	223
5470-160	7314151085469	340	80	223
5471 F-120	7314151085681	340	80	221
5471 F-145	7314151085704	340	80	221
5471 F-200	7314151085728	340	80	221
5471 F-250	7314151085742	340	80	221
5471 F-300	7314151085766	340	80	221
5471 FI-120	7314151085780	340	80	221
5471 FI-145	7314151085803	340	80	221
5471 FI-200	7314151085827	340	80	221
5471 FR-120	7314151085889	340	80	221
5471 FR-145	7314151085902	340	80	221
5473-90	7314151086183	340	80	223
5475 K	7314151086244	340	80	223
5475 R	7314151086268	340	80	223
5476 H	7314151086305	340	80	223
5479-130	7314151086398	340	80	223
5484 R	7314151086633	340	80	224
5488 AM	7314151821166	340	80	225
5489 AM	7314151821173	340	80	225
5490 AM	7314151821180	340	80	225
5491 AM	7314151821197	340	80	225
5492 AM	7314151821227	340	80	225
5493-115	7314151821234	340	80	225
5515B	7314151086978	312	30	228
5515GV	7314151481483	312	30	228
5515L	7314151481568	312	30	228
5515M	7314151086985	312	30	228
5515T	7314151589172	312	30	228
5516	7314151086992	340	80	223
5516 I	7314151087029	340	80	223
5517	7314151573843	340	80	223
5517 I	7314151573928	340	80	223
5518	7314151087043	340	80	223

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ACCOUNT SUBGROUP



5518R	7314150115679	340	80	223
5540 AM	7314151821319	340	80	221
5541 AM	7314151821326	340	80	221
5543 AM	7314151821340	340	80	221
5544 AM	7314151821357	340	80	221
5545 AM	7314151821364	340	80	221
5546 AM	7314151821371	340	80	221
5547 AM	7314151821388	340	80	221
5549 AM	7314151821401	340	80	221
5550-3.2	7314151475673	350	40	227
5550-4.5	7314151475758	350	40	227
5551	7314151378479	350	46	227
5552	7314151378554	350	46	227
5553	7314151378639	350	46	227
5554	7314151378714	350	46	227
5568/5	7314151821210	340	80	225
5570/7	7314151473891	340	80	224
5571-145	7314151472818	340	80	224
5572-145	7314151473037	340	80	224
5573-145	7314151473112	340	80	224
5574-145	7314151473389	340	80	224
5575-145	7314151473464	340	80	224
5576-145	7314151473549	340	80	224
5576-145R	7314150115686	340	80	224
5577-145	7314151574062	340	80	224
5578-115	7314151547769	340	80	224
5579-115	7314151547844	340	80	224
5583 AM	7314151821296	340	80	222
5584 AM	7314151821302	340	80	222
5586 AM	7314151821289	340	80	222
5587 GAM	7314151821425	340	80	222
5588 AM	7314151821432	340	80	222
5589 AM	7314151821449	340	80	222
5590 AM	7314151821456	340	80	222
55M-1.5	7314151144364	350	48	94
55M-10.0	7314151090722	350	48	94
55M-2.0	7314151144371	350	48	94
55M-2.5	7314151144388	350	48	94
55M-3.0	7314151144395	350	48	94
55M-3.0-2P	7314151840426	350	48	94
55M-4.0	7314151144401	350	48	94
55M-4.0-2P	7314151840433	350	48	94
55M-5.0	7314151144418	350	48	94
55M-5.0-2P	7314151840440	350	48	94
55M-6.0	7314151144425	350	48	94
55M-6.0-2P	7314151840457	350	48	94
55M-8.0	7314151090715	350	48	94
55Z-1/16	7314151144500	350	48	94
55Z-1/4	7314151144579	350	48	94
55Z-1/8	7314151144531	350	48	94
55Z-3/16	7314151144555	350	48	94
55Z-3/32	7314151144524	350	48	94
55Z-3/8	7314151090838	350	48	94
55Z-5/16	7314151090821	350	48	94
55Z-5/32	7314151144548	350	48	94
55Z-5/64	7314151144517	350	48	94
55Z-7/32	7314151144562	350	48	94
55Z-7/64	7314151847180	350	48	94
55Z-9/64	7314151847197	350	48	94
5600/4	7314151436773	350	40	227
5-600-21-D-1P	7311518189341	324	35	24
5-610-21-D-1P	7311518189358	324	35	24
5-630-21-D-1P	7311518189365	324	35	24
5-670-21-D-1P	7311518189389	324	35	24
5724-JS	7311518216085	330	20	259
5728-JS	7311518216092	330	20	259
583D	7314150023721	340	70	142
584D	7314150023745	340	70	143
585D	7314150104185	340	70	143
586D	7314150104208	340	70	143
59/1	7314151787134	350	48	95
59/S13-1	7314151840716	350	48	95
59/S13-2	7314151840723	350	48	95
59/S13-3	7314151840730	350	48	96
59/S13-4	7314151840747	350	48	96
59/S28-1	7314151846657	350	48	96
59/S28-2	7314151847067	350	48	96
59/S28-3	7314151847074	350	48	96
59/S28-4	7314151847173	350	48	96
59/S31	7311518276713	350	48	96



ACCOUNT SUBGROUP



59/S56	7314151838171	350	48	97
59/T31	7314150137497	350	48	96
59-30	7311518012281	316	15	237
59TORX/1	7314151812607	350	48	95
6	8412814220048	350	46	119
60-0	7314151626716	350	48	93
600.003.010	8412814600000	350	46	181
600.005.012	8412814600017	350	46	181
600-10	7311518293642	338	15	148
600-10-95	7311518295158	338	15	148
600-12	7311518293659	338	15	148
600-12-95	7311518295165	338	15	148
600-14	7314150120260	338	15	148
600-14-95	7314150120284	338	15	148
600-15	7311518293666	338	15	148
600-15-95	7311518295172	338	15	148
600-16	7314150120277	338	15	148
600-16-95	7314150120291	338	15	148
600-3	7314150124787	350	20	114
600S/T10/9	7314150136681	350	20	191
600S/T10/E	7314150137121	356	10	191
60-1	7314151626983	350	48	93
60-1/4	7314151352417	350	48	93
60-10	7314151594091	350	48	93
601000800	8413345202299	318	15	245
601001000	8413345202305	318	15	245
601001250	8413345202312	318	15	245
601001500	8413345202329	318	15	245
6010H0800	8413345015769	318	15	245
6010H1000	8413345015776	318	15	245
6010H1250	8413345015783	318	15	245
6010H1500	8413345015790	318	15	245
6010M0800	8413345015806	318	15	245
6010M1000	8413345116619	318	15	245
6010M1250	8413345015820	318	15	245
6010M1500	8413345015837	318	15	245
60-2	7314151593797	350	48	93
602-4	7314150124794	350	20	114
60-3	7314151627010	350	48	93
60-4	7314151593872	350	48	93
6040H0630	8413345124119	318	15	245
6040M0630	8413345124126	318	15	245
604-5	7314150124800	350	20	114
60-5	7314151627287	350	48	93
605-6	7314150153770	350	20	114
60-6	7314151593957	350	48	93
606-6	7314150124824	350	20	114
6070H1000	8413345030656	318	15	245
6070H1250	8413345084833	318	15	245
6070H1500	8413345030663	318	15	245
6070H1750	8413345030670	318	15	245
607201000	8413345030533	318	15	245
607201250	8413345030540	318	15	245
607201500	8413345030557	318	15	245
607201750	8413345030564	318	15	245
6072M1000	8413345015813	318	15	245
6072M1750	8413345030687	318	15	245
60-8	7314151357399	350	48	93
608-6	7314150124831	350	20	114
61-0	7314151629144	350	48	94
610-6	7314150124848	350	20	114
61-1	7314151545987	350	48	94
611-10-200	7314150124428	350	20	113
611-3.5-100	7314150124336	350	20	113
611-3.5-50	7314150124312	350	20	113
611-3.5-75	7314150124329	350	20	113
611-4-100	7314150124350	350	20	113
611-4-75	7314150124343	350	20	113
611-5.5-125	7314150124381	350	20	113
611-6.5-125	7314150124374	350	20	113
611-6.5-150	7314150124398	350	20	113
611-6.5-25	7314150124602	350	20	113
611-8-150	7314150124404	350	20	113
611-8-175	7314150124411	350	20	113
61-2	7314151546014	350	48	94
612-5	7314150124817	350	20	114
61-3	7314151546281	350	48	94
613-3.5-100	7314150124459	350	20	113
613-3-100	7314150124442	350	20	113
613-3-75	7314150124435	350	20	113



ACCOUNT SUBGROUP



613-4-100	7314150124466	350	20	113
613-4-125	7314150124473	350	20	113
613-5-5-125	7314150124480	350	20	113
613-5-5-150	7314150124497	350	20	113
613-6-5-150	7314150124503	350	20	113
61-4	7314151546366	350	48	94
614-100	7314150124688	350	20	113
61-5	7314151546441	350	48	94
615-0-75	7314150124558	350	20	113
615-1-100	7314150124565	350	20	113
615-2-125	7314150124572	350	20	113
615-2-25	7314150124596	350	20	113
615-3-150	7314150124589	350	20	113
616-0-75	7314150124510	350	20	113
616-1-100	7314150124527	350	20	113
616-2-125	7314150124534	350	20	113
616-3-150	7314150124541	350	20	113
617-100	7314150124695	350	20	113
618-10-75	7314150124619	350	20	113
618-15-100	7314150124626	350	20	113
618-20-100	7314150124633	350	20	113
618-25-125	7314150124640	350	20	113
618-27-125	7314150124657	350	20	113
618-30-150	7314150124664	350	20	113
618-40-150	7314150124671	350	20	113
620-6	7314150128594	350	34	115
620-6	7314150128594	350	34	207
62-1/4	7314151628840	350	50	97
62-10	7314151628765	350	50	97
6224 DC	7314150120307	340	75	136
6224V	7314150128761	340	90	136
6224V	7314150128761	340	90	203
623-3.5-100	7314150128525	350	34	113
623-3.5-100	7314150128525	350	34	207
623-3-100	7314150128518	350	34	113
623-3-100	7314150128518	350	34	207
623-4-100	7314150128532	350	34	113
623-4-100	7314150128532	350	34	207
623-5-5-125	7314150128549	350	34	113
623-5-5-125	7314150128549	350	34	207
623-6-5-150	7314150128556	350	34	113
623-6-5-150	7314150128556	350	34	207
625	7311518221614	362	10	238
62-5/16	7314151628925	350	50	97
625-0-100	7314150128563	350	34	114
625-0-100	7314150128563	350	34	207
625-1-150	7314150128570	350	34	114
625-1-150	7314150128570	350	34	207
625-2-175	7314150128587	350	34	114
625-2-175	7314150128587	350	34	207
625-DROP	7311518221638	362	10	238
625-PEAR	7311518221621	362	10	238
625-ROUND	7311518221645	362	10	238
62-8	7314151628680	350	50	97
6306-5/32	7314151087722	350	46	118
6306-5/32	7314151087722	350	46	228
6330M	7314151087753	350	46	229
6-342-06-2-0	7311518021719	324	40	27
6-342-06-2-2	7311518244170	324	40	27
6-342-08-1-0	7311518021726	324	40	27
6-342-08-1-2	7311518028282	324	40	27
6-342-08-2-0	7311518021733	324	40	27
6-342-08-2-2	7311518005375	324	40	27
6-342-10-1-0	7311518021757	324	40	27
6-342-10-1-2	7311518005382	324	40	27
6-342-10-2-0	7311518021764	324	40	27
6-342-10-2-2	7311518005399	324	40	27
6-342-12-1-0	7311518021788	324	40	27
6-343-08-2-0	7311518021801	324	40	27
6-343-08-2-2	7311518001070	324	40	27
6-343-08-3-0	7311518021818	324	40	27
6-343-10-2-0	7311518021825	324	40	27
6-343-10-2-2	7311518001094	324	40	27
6-343-10-3-0	7311518021832	324	40	27
6-343-12-2-0	7311518021849	324	40	27
6-344-08-2-2	7311518005344	324	40	28
6-344-10-2-2	7311518005351	324	40	28
6-345-08-1-2	73115180228312	324	40	28
6-345-08-2-0	7311518021948	324	40	28
6-345-08-2-2	7311518005412	324	40	28



ACCOUNT SUBGROUP



6-345-10-1-2	7311518005429	324	40	28
6-345-10-2-0	7311518021955	324	40	28
6-470-08-2-2	7311518242008	324	40	22
64TORX-T10	7314151678944	350	48	93
64TORX-T10-2P	7314151840556	350	48	93
64TORX-T10-IP	7314151840488	350	48	93
64TORX-T15	7314151679088	350	48	93
64TORX-T15-2P	7314151840563	350	48	93
64TORX-T15-4P	7314151848477	350	48	93
64TORX-T15-IP	7314151840495	350	48	93
64TORX-T20	7314151679163	350	48	93
64TORX-T20-2P	7314151840570	350	48	93
64TORX-T20-4P	7314151848484	350	48	93
64TORX-T20-IP	7314151840501	350	48	93
64TORX-T25	7314151679248	350	48	93
64TORX-T25-2P	7314151840587	350	48	93
64TORX-T25-IP	7314151840518	350	48	93
64TORX-T27	7314151679323	350	48	93
64TORX-T27-2P	7314151840594	350	48	93
64TORX-T30	7314151679590	350	48	93
64TORX-T30-2P	7314151840600	350	48	93
64TORX-T30-IP	7314151840532	350	48	93
64TORX-T4	7314151846947	350	48	93
64TORX-T40	7314151679675	350	48	93
64TORX-T40-2P	7314151840617	350	48	93
64TORX-T40-IP	7314151840549	350	48	93
64TORX-T5	7314151846954	350	48	93
64TORX-T6	7314151678432	350	48	93
64TORX-T7	7314151678517	350	48	93
64TORX-T8	7314151678784	350	48	93
64TORX-T9	7314151678869	350	48	93
64TX-T10BOX/S50	7314153014894	350	48	93
64TX-T15BOX/S50	7314153014900	350	48	93
64TX-T20BOX/S50	7314153014917	350	48	93
64TX-T25BOX/S25	7314153014924	350	48	93
64TX-T30BOX/S25	7314153014931	350	48	93
650	7311518221591	362	10	238
65TORX-T30	7314151679835	350	50	97
65TORX-T40	7314151679910	350	50	97
65TORX-T45	7314151680091	350	50	97
65TORX-T50	7314151680176	350	50	97
65TORX-T55	7314151680251	350	50	97
665	7311518221607	362	10	238
66TORX-T10	7314151825522	350	48	93
66TORX-T15	7314151825539	350	48	93
66TORX-T20	7314151825546	350	48	93
66TORX-T25	7314151825553	350	48	93
66TORX-T27	7314151825560	350	48	93
66TORX-T30	7314151825577	350	48	93
66TORX-T40	7314151825584	350	48	93
6700SM/T4/19	7314150136629	354	25	191
6700SM/T4/E	7314150137060	356	10	191
6700SM-10	7314151088026	354	10	52
6700SM-11	7314151088033	354	10	52
6700SM-12	7314151088040	354	10	52
6700SM-13	7314151088057	354	10	52
6700SM-14	7314151088064	354	10	52
6700SM-4	7314151087944	354	10	52
6700SM-4.5	7314151087951	354	10	52
6700SM-5	7314151087968	354	10	52
6700SM-5.5	7314151087975	354	10	52
6700SM-6	7314151087982	354	10	52
6700SM-7	7314151087999	354	10	52
6700SM-8	7314151088002	354	10	52
6700SM-9	7314151088019	354	10	52
6700SZ-1/2	7314151088194	354	10	52
6700SZ-1/4	7314151088132	354	10	52
6700SZ-11/32	7314151088163	354	10	52
6700SZ-3/16	7314151088118	354	10	52
6700SZ-3/8	7314151088170	354	10	52
6700SZ-5/16	7314151088156	354	10	52
6700SZ-5/32	7314151808556	354	10	52
6700SZ-7/16	7314151088187	354	10	52
6700SZ-7/32	7314151088125	354	10	52
6700SZ-9/16	7314151088200	354	10	52
6700SZ-9/32	7314151088149	354	10	52
6700TORX-E10	7314153011725	354	10	53
6700TORX-E4	7314153011671	354	10	53
6700TORX-E5	7314153011688	354	10	53
6700TORX-E6	7314153011695	354	10	53

6700TORX-E7 - 7409M-3



ACCOUNT SUBGROUP



6700TORX-E7	7314153011701	354	10	53
6700TORX-E8	7314153011718	354	10	53
6709F-4.5	7314151830762	354	10	53
6709F-5.5	7314151830779	354	10	53
6709F-8	7314151830786	354	10	53
6709M-3	7314151830656	354	10	53
6709M-4	7314151830663	354	10	53
6709M-5	7314151830670	354	10	53
6709M-6	7314151830687	354	10	53
6709M-8	7314151830694	354	10	53
6709PH-1	7314151830700	354	10	53
6709PH-2	7314151830717	354	10	53
6709PH-3	7314151830724	354	10	53
6709PZ-1	7314151830731	354	10	53
6709PZ-2	7314151830748	354	10	53
6709PZ-3	7314151830755	354	10	53
6709TORX-R-T10	7314153002471	354	10	53
6709TORX-R-T15	7314153002488	354	10	53
6709TORX-R-T20	7314153002495	354	10	53
6709TORX-R-T25	7314153002501	354	10	53
6709TORX-R-T8	7314153002464	354	10	53
6709TORX-T10	7314151811679	354	10	53
6709TORX-T15	7314151811686	354	10	53
6709TORX-T20	7314151811693	354	10	53
6709TORX-T25	7314151811709	354	10	53
6709TORX-T27	7314151811716	354	10	53
6709TORX-T30	7314151811723	354	10	53
6709TORX-T40	7314153002457	354	10	53
6709TORX-T8	7314153002440	354	10	53
6709TORX-T9	7314151811662	354	10	53
6712R	7314151838225	354	25	56
6712RN	7314151838232	354	25	56
6715GE	7314151831370	354	25	57
6715GJ	7314151831363	354	25	57
6715MG	7314151831349	354	25	57
6715MGS	7314151831332	354	25	56
6715MZ	7314153003218	354	25	57
6715PZ	7314151837525	354	25	57
6719SM	7314151820817	354	25	56
6720NM	7314151088262	354	25	57
6721NM	7314151088309	354	25	57
6722M	7314151594411	354	25	57
6729SM	7314153003225	354	25	57
6729SZ	7314153003232	354	25	57
6821NZ	7314151089269	354	25	57
6852-1	7314151827519	360	15	78
6852-20	7314151845490	360	10	78
6852-5	7314150125463	360	10	81
6852-5/S17	7314150135875	360	10	79
6852P-25	7314153013576	360	10	78
6873N	7314151845568	360	25	81
6876N	7314151845575	360	25	81
6878N	7314151845582	360	25	81
6880N	7314151845599	360	25	81
6881B	7314151816438	360	25	81
6881D	7314151816636	360	25	81
6950	7314151089641	354	20	54
6950RN	7314151831189	354	20	54
6950RN-SO/2	7314151831196	354	20	56
6950-SO/1	7314151798673	354	20	56
6950-SO/2	7314150111305	354	20	56
6951	7314151089764	354	20	54
6952	7314151089771	354	15	54
6954	7314151089795	354	15	54
6956	7314151089825	354	15	55
6958	7314151089849	354	15	54
6960	7314151089856	354	15	55
6960-W	7314153010506	354	15	55
6961	7314151089870	354	15	55
6962	7314151089894	354	15	55
6962L	7314151089917	354	15	55
6962-W	7314153010520	354	15	55
6963	7314151089931	354	15	55
6966	7314151089986	354	15	55
6972H	7314151215934	354	35	54
6972H	7314151215934	354	35	84
6973N	7314151845605	360	25	80
6975A	7314151827489	360	25	81
6976A	7314151807795	360	25	81
6976AN	7314151808457	360	25	81



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6976CN	7314151808471	360	25	81
6976E/1	7314151808785	360	35	81
6976E/2	7314151808792	360	35	81
6976N	7314151845612	360	25	80
6978N	7314151845629	360	25	80
6981A	7314151807863	360	10	79
6981C	7314151807856	360	10	79
69DTT-5	7314150184132	360	35	82
6M/10T	7314151832490	366	10	38
6M/12T	7314151832506	366	10	38
6M/8T	7314151832476	366	10	38
6M/S8	7314151832483	366	10	38
6M/SH12	7314153013439	366	10	38
6M/SH6	7314153013262	366	10	38
6MT/12/7	7314150136391	366	10	189
6MT/12/E	7314150136926	356	10	189
6MT/3/5	7314150136384	366	10	189
6M-10-11	7314151832094	366	10	37
6M-10-13	7314151832117	366	10	37
6M-12-13	7314151832131	366	10	37
6M-12-14	7314151832148	366	10	37
6M-13-14	7314151832155	366	10	37
6M-13-15	7314151832162	366	10	37
6M-13-16	7314151832179	366	10	37
6M-13-17	7314151832186	366	10	37
6M-14-15	7314151832193	366	10	37
6M-14-17	7314151832209	366	10	37
6M-16-17	7314151832216	366	10	37
6M-16-18	7314151832223	366	10	37
6M-17-19	7314151832230	366	10	37
6M-18-19	7314151832247	366	10	37
6M-19-22	7314151832261	366	10	37
6M-19-24	7314151832278	366	10	37
6M-20-22	7314151832285	366	10	37
6M-21-23	7314151832292	366	10	37
6M-21-24	7314151838072	366	10	37
6M-22-24	7314151832308	366	10	37
6M-24-26	7314151832315	366	10	37
6M-24-27	7314151832322	366	10	37
6M-24-30	7314151832339	366	10	37
6M-25-28	7314151832353	366	10	37
6M-27-30	7314151832360	366	10	37
6M-27-32	7314151832377	366	10	37
6M-30-32	7314151832384	366	10	37
6M-30-36	7314151832407	366	10	37
6M-32-36	7314151832414	366	10	37
6M-34-36	7314151832421	366	10	37
6M-36-41	7314151832438	366	10	37
6M-38-42	7314151832445	366	10	37
6M-4.5-5.5	7314151832025	366	10	37
6M-41-46	7314151832452	366	10	37
6M-4-5	7314151832018	366	10	37
6M-46-50	7314151832469	366	10	37
6M-5-5-7	7314151832049	366	10	37
6M-5-5-5	7314151832032	366	10	37
6M-6-7	7314151832056	366	10	37
6M-7-8	7314151832063	366	10	37
6M-8-10	7314151832087	366	10	37
6M-8-9	7314151832070	366	10	37
6M-BOX	7314151832513	366	10	38
6M-SBS10/T3/E	7314150136919	356	10	189
6M-SBS10/T3/E	7314150136919	356	10	189
6MV/8T	7314150122141	366	35	204
6MV-10	7314150120871	366	35	48
6MV-10	7314150120871	366	35	204
6MV-11	7314150120888	366	35	48
6MV-11	7314150120888	366	35	204
6MV-12	7314150120895	366	35	48
6MV-12	7314150120895	366	35	204
6MV-13	7314150120901	366	35	48
6MV-13	7314150120901	366	35	204
6MV-14	7314150120918	366	35	48
6MV-14	7314150120918	366	35	204
6MV-15	7314150120925	366	35	204
6MV-16	7314150120932	366	35	48
6MV-16	7314150120932	366	35	204
6MV-17	7314150120949	366	35	204
6MV-18	7314150120956	366	35	204
6MV-19	7314150120963	366	35	48
6MV-19	7314150120963	366	35	204



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6MV-20	7314150120970	366	35	48
6MV-20	7314150120970	366	35	204
6MV-21	7314150120987	366	35	48
6MV-21	7314150120987	366	35	204
6MV-22	7314150120994	366	35	48
6MV-22	7314150120994	366	35	204
6MV-23	7314150121007	366	35	48
6MV-23	7314150121007	366	35	204
6MV-24	7314150121014	366	35	48
6MV-24	7314150121014	366	35	204
6MV-27	7314150121021	366	35	48
6MV-27	7314150121021	366	35	204
6MV-30	7314150121038	366	35	48
6MV-30	7314150121038	366	35	204
6MV-32	7314150121052	366	35	48
6MV-32	7314150121052	366	35	204
6MV-6	7314150120833	366	35	48
6MV-6	7314150120833	366	35	204
6MV-7	7314150120840	366	35	48
6MV-7	7314150120840	366	35	204
6MV-8	7314150120857	366	35	48
6MV-8	7314150120857	366	35	204
6MV-9	7314150120864	366	35	204
6Z/8T	7314151832704	366	10	38
6Z-1.1/16-1.1/4	7314151832681	366	10	38
6Z-1.1/4-1.3/8	7314151832698	366	10	38
6Z-1/2-9/16	7314151832568	366	10	38
6Z-1/4-5/16	7314151832520	366	10	38
6Z-1-1.1/8	7314151832674	366	10	38
6Z-11/16-3/4	7314151832612	366	10	38
6Z-13/16-7/8	7314151832643	366	10	38
6Z-15/16-1	7314151832667	366	10	38
6Z-19/32-11/16	7314151832582	366	10	38
6Z-25/32-13/16	7314151832636	366	10	38
6Z-3/4-7/8	7314151832629	366	10	38
6Z-3/8-7/16	7314151832544	366	10	38
6Z-5/8-3/4	7314151832605	366	10	38
6Z-7/16-1/2	7314151832551	366	10	38
6Z-7/8-15/16	7314151832650	366	10	38
6Z-9/16-5/8	7314151832575	366	10	38
700-1.2-50	7314153017680	350	40	116
700-1.5-50	7314153017697	350	40	116
700-1.8-50	7314153017703	350	40	116
700-1-50	7314153017673	350	40	116
700-2.5-100	7314153017758	350	40	116
700-2.5-50	7314153017741	350	40	116
700-2-50	7314153017710	350	40	116
700-2-75	7314153017727	350	40	116
700-3.5-75	7314153017796	350	40	116
700-3-100	7314153017772	350	40	116
700-3-200	7314153017789	350	40	116
700-3-50	7314153017765	350	40	116
700-4-250	7314153017819	350	40	116
700-4-75	7314153017802	350	40	116
701-00-50	7314153017833	350	40	116
701-0-200	7314153017857	350	40	116
701-0-50	7314153017840	350	40	116
701-1-250	7314153017871	350	40	116
701-1-75	7314153017864	350	40	116
702-0-50	7314153017888	350	40	116
702-1-75	7314153017895	350	40	116
703-10-50	7314153017963	350	40	116
703-15-75	7314153017970	350	40	116
703-20-75	7314153017987	350	40	116
703-4-50	7314153017901	350	40	116
703-5-50	7314153017918	350	40	116
703-6-50	7314153017925	350	40	116
703-7-50	7314153017932	350	40	116
703-8-50	7314153017949	350	40	116
703-9-50	7314153017956	350	40	116
704-1.5-50	7314153017994	350	40	116
704-2.5-50	7314153018014	350	40	116
704-2-50	7314153018007	350	40	116
704-3-75	7314153018021	350	40	116
704Z-3/32	7314150137428	391	40	116
705.1/4.125	8412814705002	350	14	110
706-1	7314153018045	350	40	116
706-2	7314153018052	350	40	116
706-3	7314153018069	350	40	116
706-4	7314153018076	350	40	117



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706-5	7314153018083	350	40	117
70MH-1.2-8.0	7314151145071	350	50	97
70MH-1.6-10.0	7314151803575	350	50	97
70MH-1.6-9.0	7314151145101	350	50	97
70MH-2.0-12.0	7314151616755	350	50	97
70MH-2.5-14.0	7314151727314	350	50	97
7106J0080	8413345025164	350	52	61
7106S0080	8413345025171	350	52	68
7190	7314150052479	340	10	212
7190 CO	7314150052790	340	10	212
7191	7314150052509	340	10	212
7191 CO	7314150052806	340	10	212
71PZDSDVH-1	7314151672584	350	50	97
71PZDSDVH-2	7314151672669	350	50	97
71PZDSDVH-3	7314151672744	350	50	97
71PZDSDVH-4	7314151672829	350	50	97
7224	7311518274733	340	75	135
7280	7314150052523	340	10	212
7285	7314150052530	340	10	212
7290	7314150052547	340	10	212
7291	7314150052554	340	10	212
7292	7314150052578	340	10	212
7293	7314150052592	340	10	212
72H-1	7314151404222	350	50	97
72H-2	7314151147044	350	50	97
72H-3	7314151147051	350	50	97
72H-4	7314151147068	350	50	97
7372I-2.5-75	7314151399047	350	40	117
7372I-2-63	7314151398668	350	40	117
7372I-3-80	7314151341602	350	40	117
7400SM/T8/23	7314150136643	354	15	191
7400SM/T8/E	7314150137084	356	10	191
7400SM-10	7314151092955	354	10	58
7400SM-11	7314151092962	354	10	58
7400SM-12	7314151092979	354	10	58
7400SM-13	7314151092986	354	10	58
7400SM-14	7314151092993	354	10	58
7400SM-15	7314151093006	354	10	58
7400SM-16	7314151831127	354	10	58
7400SM-17	7314151093020	354	10	58
7400SM-18	7314151831134	354	10	58
7400SM-19	7314151093044	354	10	58
7400SM-20	7314153002570	354	10	58
7400SM-21	7314153002587	354	10	58
7400SM-22	7314153002594	354	10	58
7400SM-6	7314151092917	354	10	58
7400SM-7	7314151092924	354	10	58
7400SM-8	7314151092931	354	10	58
7400SM-9	7314151092948	354	10	58
7400SR/S12	7314153003294	354	25	58
7400TORX-E10	7314153003058	354	10	59
7400TORX-E11	7314153003065	354	10	59
7400TORX-E12	7314153003072	354	10	59
7400TORX-E14	7314153003089	354	10	59
7400TORX-E16	7314153003096	354	10	59
7400TORX-E18	7314153003102	354	10	59
7400TORX-ER/S7	7314153003300	354	25	59
7406ZZ-21	7314153012005	312	10	59
7407H	7314151218249	354	35	85
7408H	7314151218300	354	35	85
7409BH-10	7314153002112	354	10	60
7409BH-4	7314153002075	354	10	60
7409BH-5	7314153002082	354	10	60
7409BH-6	7314153002099	354	10	60
7409BH-8	7314153002105	354	10	60
7409F-10	7314153002143	354	10	59
7409F-6.5	7314153002129	354	10	59
7409F-8	7314153002136	354	10	59
7409H	7314151218355	354	35	85
7409KML-10	7314151218515	350	50	98
7409KML-12	7314151218522	350	50	98
7409KML-14	7314151218539	350	50	98
7409KML-17	7314151233150	350	50	98
7409KML-4	7314151218478	350	50	98
7409KML-5	7314151218485	350	50	98
7409KML-6	7314151218492	350	50	98
7409KML-7	7314151312190	350	50	98
7409KML-8	7314151218508	350	50	98
7409M-10	7314153001962	354	10	59
7409M-3	7314153002235	354	10	59

7409M-4 - 7805DM-19



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7409M-4	7314153001900	354	10	59
7409M-5	7314153001917	354	10	59
7409M-6	7314153001924	354	10	59
7409M-7	7314153001931	354	10	59
7409M-8	7314153001948	354	10	59
7409MR/S7	7314153003256	354	25	60
7409PH-1	7314153002150	354	10	59
7409PH-2	7314153002167	354	10	59
7409PH-3	7314153002174	354	10	59
7409TORX-R-T27	7314153001856	354	10	59
7409TORX-R-T30	7314153001863	354	10	59
7409TORX-R-T40	7314153001870	354	10	59
7409TORX-R-T45	7314153001887	354	10	59
7409TORX-R-T50	7314153001894	354	10	59
7409TORX-T25	7314153001771	354	10	59
7409TORX-T25-L	7314153011237	354	10	59
7409TORX-T27	7314153001788	354	10	59
7409TORX-T30	7314153001795	354	10	59
7409TORX-T30-L	7314153011244	354	10	59
7409TORX-T40	7314153001801	354	10	59
7409TORX-T40-L	7314153011251	354	10	59
7409TORX-T45	7314153001818	354	10	59
7409TORX-T45-L	7314153011268	354	10	59
7409TORX-T50	7314153001825	354	10	59
7409TORX-T50-L	7314153011275	354	10	59
7409TORX-TRR/S5	7314153003263	354	25	59
7420RE	7314153014962	354	25	62
7429JDE	7314153003348	354	25	63
7430GE	7314153014979	354	25	63
7440ME	7314153014986	354	25	62
7444SG-M-100	7314151830014	366	20	47
7444SG-M-105	7314151830021	366	20	47
7444SG-M-110	7314151830038	366	20	47
7444SG-M-115	7314151830045	366	20	47
7444SG-M-120	7314151830052	366	20	47
7444SG-M-125	7314151830069	366	20	47
7444SG-M-130	7314151830076	366	20	47
7444SG-M-135	7314151830083	366	20	47
7444SG-M-140	7314151830090	366	20	47
7444SG-M-145	7314151830106	366	20	47
7444SG-M-150	7314151830113	366	20	47
7444SG-M-155	7314151830120	366	20	47
7444SG-M-160	7314150132508	366	20	47
7444SG-M-165	7314150132515	366	20	47
7444SG-M-170	7314150132522	366	20	47
7444SG-M-175	7314150132539	366	20	47
7444SG-M-27	7314151829834	366	20	47
7444SG-M-30	7314151829841	366	20	47
7444SG-M-32	7314151829858	366	20	47
7444SG-M-34	7314151838560	366	20	47
7444SG-M-36	7314151829865	366	20	47
7444SG-M-38	7314150180936	366	20	47
7444SG-M-41	7314151829872	366	20	47
7444SG-M-42	7314151829889	366	20	47
7444SG-M-46	7314151829896	366	20	47
7444SG-M-50	7314151829919	366	20	47
7444SG-M-55	7314151829926	366	20	47
7444SG-M-60	7314151829933	366	20	47
7444SG-M-65	7314151829940	366	20	47
7444SG-M-70	7314151829957	366	20	47
7444SG-M-75	7314151829964	366	20	47
7444SG-M-80	7314151829971	366	20	47
7444SG-M-85	7314151829988	366	20	47
7444SG-M-90	7314151829995	366	20	47
7444SG-M-95	7314151830007	366	20	47
7444SG-Z-1.1/16	7314150132546	366	20	47
7444SG-Z-1.1/2	7314150132614	366	20	47
7444SG-Z-1.1/4	7314150132577	366	20	47
7444SG-Z-1.1/8	7314150132553	366	20	47
7444SG-Z-1.11/16	7314150132638	366	20	47
7444SG-Z-1.13/16	7314150132652	366	20	47
7444SG-Z-1.3/16	7314150132560	366	20	47
7444SG-Z-1.3/4	7314150132645	366	20	47
7444SG-Z-1.3/8	7314150132591	366	20	47
7444SG-Z-1.5/16	7314150132584	366	20	47
7444SG-Z-1.5/8	7314150132621	366	20	47
7444SG-Z-1.7/16	7314150132607	366	20	47
7444SG-Z-1.7/8	7314150132669	366	20	47
7444SG-Z-2	7314150132676	366	20	47
7444SG-Z-2.1/16	7314150132683	366	20	47



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7444SG-Z-2.1/4	7314150132713	366	20	47
7444SG-Z-2.1/8	7314150132690	366	20	47
7444SG-Z-2.3/16	7314150132706	366	20	47
7444SG-Z-2.3/4	7314150132768	366	20	47
7444SG-Z-2.3/8	7314150132720	366	20	47
7444SG-Z-2.5/8	7314150132751	366	20	47
7444SG-Z-2.9/16	7314150132744	366	20	47
7444SG-Z-3	7314150132775	366	20	47
7444SG-Z-3.1/2	7314150132805	366	20	47
7444SG-Z-3.1/8	7314150132782	366	20	47
7444SG-Z-3.3/4	7314150132812	366	20	47
7444SG-Z-3.3/8	7314150132799	366	20	47
7444SG-Z-3.7/8	7314150132829	366	20	47
7444SG-Z-4	7314150132836	366	20	47
7444SG-Z-4.1/2	7314150132850	366	20	47
7444SG-Z-4.1/8	7314150132843	366	20	47
7451-100	7314151845469	360	10	78
7451-20	7314151845452	360	10	78
7451-60	7314150124879	360	10	78
7452/S32	7314151848705	360	10	79
7452-1	7314151703646	360	15	78
7452-10	7314151848736	360	15	79
7452-100	7314151845506	360	10	78
7452-7-10	7314151705855	360	15	79
7452-7-11	7314151705930	360	15	79
7452-7-13	7314151706074	360	15	79
7452-7-14	7314151706159	360	15	79
7452-7-15	7314151707989	360	15	79
7452-7-16	7314151708016	360	15	79
7452-7-17	7314151708283	360	15	79
7452-7-18	7314151839321	360	15	79
7452-7-19	7314151708368	360	15	79
7452-7-7	7314151713010	360	15	79
7452-7-8	7314151713287	360	15	79
7452-7-9	7314151705770	360	15	79
7452-8-10	7314151706586	360	15	78
7452-8-11	7314151706661	360	15	78
7452-8-12	7314151706746	360	15	78
7452-8-13	7314151706821	360	15	78
7452-8-14	7314151707040	360	15	78
7452-8-15	7314151708443	360	15	78
7452-8-17	7314151708528	360	15	78
7452-8-19	7314151708795	360	15	78
7452-8-7	7314151706234	360	15	78
7452-8-8	7314151706319	360	15	78
7452-9-10	7314151707125	360	15	78
7452-9-11	7314151707392	360	15	78
7452-9-12	7314151707477	360	15	78
7452-9-13	7314151707552	360	15	78
7452-9-14	7314151707637	360	15	78
7452-9-16	7314151848590	360	15	78
7452-9-17	7314151708870	360	15	78
7452-9-18	7314151708955	360	15	78
7452-9-19	7314151709099	360	15	78
7452P-50	7314153013583	360	10	78
7452P-85	7314153013590	360	10	78
7453-20-10	7314150119486	360	10	81
7453-20-6	7314150119479	360	10	81
7453-20-6F	7314150119462	360	10	81
7454-140	7314150119547	360	10	79
7454-1400	7314150119592	360	10	79
7454-1400E	7314150119615	360	10	79
7454-18	7314150119516	360	10	79
7454-240	7314150119554	360	10	79
7454-3	7314150119493	360	10	79
7454-35	7314150119523	360	10	79
7454-350	7314150119561	360	10	79
7454-480	7314150119578	360	10	79
7454-70	7314150119530	360	10	79
7454-800	7314150119585	360	10	79
7454-800E	7314150119608	360	10	79
7454-9	7314150119509	360	10	79
7455-100	7314150125111	360	10	78
7455-15	7314150119646	360	10	78
7455-1500	7314150125166	360	10	78
7455-20	7314150125074	360	10	78
7455-200	7314150125128	360	10	78
7455-25	7314150125081	360	10	78
7455-2500	7314150125173	360	10	78
7455-300	7314150125104	360	10	78



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7455-340	7314150125135	360	10	78
7455-5	7314150119639	360	10	78
7455-500	7314150125142	360	10	78
7455-60	7314150125098	360	10	78
7455-800	7314150125159	360	10	78
7456-80LB	7314150119783	360	10	78
7481A	7314151807887	360	10	79
7481C	7314151807849	360	10	79
7490	7314150052646	340	10	212
7490 CO	7314150052875	340	10	212
74DTT-100	7314150184149	360	35	82
7590	7314150052660	340	10	212
7590 CO	7314150052882	340	10	212
75M-4	7314151147167	350	50	98
75M-5	7314151147174	350	50	98
75M-6	7314151147181	350	50	98
7710	7314151551445	354	20	60
7710-SO/1	7314151809744	354	20	62
7750	7314151096427	354	20	60
7750RN	7314151831240	354	20	60
7750-SO/1	7314151798680	354	20	62
7750-SO/2	7314150111312	354	20	62
7752	7314151096533	354	15	60
7754	7314151096557	354	15	60
7755-3/8	7314153002372	354	20	60
7755-SO/1	7314153010728	354	20	62
7755-SO/2	7314153010735	354	20	62
7757	7314151096588	354	15	61
7758	7314151096595	354	15	60
7759	7314151096601	354	15	61
7760	7314151096618	354	15	61
7760-W	7314150107155	354	15	61
7761	7314151096632	354	15	61
7761-W	7314150107162	354	15	61
7762	7314151096649	354	15	61
7764	7314151096670	354	15	61
7765	7314151096687	354	15	55
7766	7314151096694	354	15	61
7767	7314153003577	354	15	55
7800DM/T12/27	7314150136605	356	10	191
7800DM/T12/E	7314150137046	356	10	191
7800DM-10	7314151096991	354	10	64
7800DM-11	7314151097011	354	10	64
7800DM-12	7314151097035	354	10	64
7800DM-13	7314151097059	354	10	64
7800DM-14	7314151097073	354	10	64
7800DM-15	7314151097097	354	10	64
7800DM-16	7314151097110	354	10	64
7800DM-17	7314151097134	354	10	64
7800DM-18	7314151097158	354	10	64
7800DM-19	7314151097172	354	10	64
7800DM-20	7314151097196	354	10	64
7800DM-21	7314151097219	354	10	64
7800DM-22	7314151097233	354	10	64
7800DM-23	7314151097257	354	10	64
7800DM-24	7314151097271	354	10	64
7800DM-25	7314151097295	354	10	64
7800DM-26	7314151097318	354	10	64
7800DM-27	7314151097332	354	10	64
7800DM-28	7314151097356	354	10	64
7800DM-29	7314151097363	354	10	64
7800DM-30	7314151097370	354	10	64
7800DM-32	7314151097387	354	10	64
7800DM-36	7314151097400	354	10	64
7800DM-8	7314151830854	354	10	64
7800DM-9	7314151830861	354	10	64
7800DMV-10	7314150121656	354	40	76
7800DMV-11	7314150121656	354	40	205
7800DMV-11	7314150121663	354	40	76
7800DMV-11	7314150121663	354	40	205
7800DMV-12	7314150121670	354	40	76
7800DMV-12	7314150121670	354	40	205
7800DMV-13	7314150121687	354	40	76
7800DMV-13	7314150121687	354	40	205
7800DMV-14	7314150121694	354	40	76
7800DMV-14	7314150121694	354	40	205
7800DMV-15	7314150121700	354	40	76
7800DMV-15	7314150121700	354	40	205
7800DMV-16	7314150121717	354	40	76
7800DMV-16	7314150121717	354	40	205



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7800DMV-17	7314150121724	354	40	76
7800DMV-17	7314150121724	354	40	205
7800DMV-18	7314150121731	354	40	76
7800DMV-18	7314150121731	354	40	205
7800DMV-19	7314150121748	354	40	76
7800DMV-19	7314150121748	354	40	205
7800DMV-20	7314150121755	354	40	76
7800DMV-20	7314150121755	354	40	205
7800DMV-21	7314150121762	354	40	76
7800DMV-21	7314150121762	354	40	205
7800DMV-22	7314150121779	354	40	76
7800DMV-22	7314150121779	354	40	205
7800DMV-24	7314150121786	354	40	76
7800DMV-24	7314150121786	354	40	205
7800DMV-27	7314150121793	354	40	76
7800DMV-27	7314150121793	354	40	205
7800DMV-30	7314150121809	354	40	76
7800DMV-30	7314150121809	354	40	205
7800DMV-32	7314150121816	354	40	76
7800DMV-32	7314150121816	354	40	205
7800DMV-8	7314150121649	354	40	76
7800DMV-8	7314150121649	354	40	205
7800DZ-1	7314151097561	354	10	64
7800DZ-1.1/16	7314151097578	354	10	64
7800DZ-1.1/4	7314151097608	354	10	64
7800DZ-1.1/8	7314151097585	354	10	64
7800DZ-1.3/16	7314151097592	354	10	64
7800DZ-1/2	7314151097455	354	10	64
7800DZ-11/16	7314151097493	354	10	64
7800DZ-13/16	7314151097523	354	10	64
7800DZ-15/16	7314151097554	354	10	64
7800DZ-19/32	7314151097479	354	10	64
7800DZ-25/32	7314151097516	354	10	64
7800DZ-3/4	7314151097509	354	10	64
7800DZ-3/8	7314151097431	354	10	64
7800DZ-5/8	7314151097486	354	10	64
7800DZ-7/16	7314151097448	354	10	64
7800DZ-7/8	7314151097530	354	10	64
7800DZ-9/16	7314151097462	354	10	64
7800SM/T12/26	7314150136599	354	25	191
7800SM/T12/E	7314150137039	356	10	191
7800SM-10	7314151097851	354	10	63
7800SM-11	7314151097868	354	10	63
7800SM-12	7314151097875	354	10	63
7800SM-13	7314151097882	354	10	63
7800SM-14	7314151097899	354	10	63
7800SM-15	7314151097905	354	10	63
7800SM-16	7314151097912	354	10	63
7800SM-17	7314151097929	354	10	63
7800SM-18	7314151097936	354	10	63
7800SM-21	7314151097967	354	10	63
7800SM-22	7314151097974	354	10	63
7800SM-23	7314151097981	354	10	63
7800SM-24	7314151097998	354	10	63
7800SM-25	7314151098001	354	10	63
7800SM-26	7314151830823	354	10	63
7800SM-27	7314151098025	354	10	63
7800SM-28	7314151830830	354	10	63
7800SM-30	7314151098056	354	10	63
7800SM-32	7314151098063	354	10	63
7800SM-34	7314153011305	354	10	63
7800SM-36	7314151098087	354	10	63
7800SM-8	7314151830793	354	10	63
7800SM-9	7314151830809	354	10	63
7800TORX-E12	7314153011800	354	10	64
7800TORX-E14	7314153011756	354	10	64
7800TORX-E16	7314153011763	354	10	64
7800TORX-E18	7314153011770	354	10	64
7800TORX-E20	7314153011787	354	10	64
7800TORX-E24	7314153011794	354	10	64
7805DM-10	7314151822101	354	10	64
7805DM-12	7314151098452	354	10	64
7805DM-13	7314151098469	354	10	64
7805DM-14	7314151098476	354	10	64
7805DM-15	7314151098483	354	10	64
7805DM-16	7314151098490	354	10	64
7805DM-17	7314151098506	354	10	64
7805DM-18	7314151098513	354	10	64
7805DM-19	7314151098520	354	10	64

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7805DM-21	7314151098544	354	10	64
7805DM-22	7314151098551	354	10	64
7805DM-24	7314151098568	354	10	64
7805DM-26	7314151098582	354	10	64
7805DM-27	7314151098599	354	10	64
7805DM-30	7314151098605	354	10	64
7805SM-10	7314153011312	354	10	63
7805SM-12	7314153011329	354	10	63
7805SM-13	7314153011336	354	10	63
7805SM-14	7314153011343	354	10	63
7805SM-15	7314153011350	354	10	63
7805SM-16	7314153011367	354	10	63
7805SM-17	7314153011374	354	10	63
7805SM-18	7314153011381	354	10	63
7805SM-19	7314153011398	354	10	63
7805SM-20	7314153011404	354	10	63
7805SM-21	7314153011411	354	10	63
7805SM-22	7314153011428	354	10	63
7805SM-23	7314153011435	354	10	63
7805SM-24	7314153011442	354	10	63
7805SM-25	7314153011459	354	10	63
7805SM-26	7314153011466	354	10	63
7805SM-27	7314153011473	354	10	63
7805SM-28	7314153011480	354	10	63
7805SM-29	7314153011497	354	10	63
7805SM-30	7314153011503	354	10	63
7805SM-32	7314153011527	354	10	63
7805ZZ-16	7314151822767	354	10	64
7805ZZ-21	7314151347338	354	10	64
7806	7314153012012	354	10	65
7807	7314153012029	354	10	65
7807H	7314151232764	354	35	87
7808H	7314151232771	354	35	87
7809F-10	7314151830892	354	10	65
7809F-8	7314151830885	354	10	65
7809H	7314151232788	354	35	87
7809M/10	7314151831448	354	25	70
7809M/T8/15	7314150136803	354	10	192
7809M/T8/E	7314150137220	356	10	192
7809M-10	7314151815608	354	10	65
7809M-10-140	7314151831011	354	10	65
7809M-12	7314151815615	354	10	65
7809M-14	7314151815622	354	10	65
7809M-17	7314151831028	354	10	65
7809M-19	7314151831035	354	10	65
7809M-5	7314151815561	354	10	65
7809M-5-180	7314151830922	354	10	65
7809M-6	7314151815578	354	10	65
7809M-6-140	7314151830946	354	10	65
7809M-7	7314151815585	354	10	65
7809M-7-100	7314151830960	354	10	65
7809M-8	7314151815592	354	10	65
7809M-8-120	7314151830984	354	10	65
7809M-9	7314151830991	354	10	65
7809PH-2	7314151830908	354	10	65
7809PH-3	7314151830915	354	10	65
7809PH-4	7314153003423	354	10	65
7809PZ-2	7314153003430	354	10	65
7809PZ-3	7314153003447	354	10	65
7809T/T3/9	7314150136797	354	10	192
7809T/T3/E	7314150137213	356	10	192
7809TORX/10	7314151831455	354	25	70
7809TORX-T20	7314151811730	354	10	65
7809TORX-T25	7314151811747	354	10	65
7809TORX-T27	7314151811754	354	10	65
7809TORX-T30	7314151811761	354	10	65
7809TORX-T40	7314151811778	354	10	65
7809TORX-T45	7314151811785	354	10	65
7809TORX-T50	7314151811792	354	10	65
7809TORX-T55	7314151811808	354	10	65
7809TORX-T60	7314151811815	354	10	65
7809XZN-10	7314151831080	354	10	65
7809XZN-10-100	7314151831097	354	10	65
7809XZN-12	7314151831103	354	10	65
7809XZN-12-100	7314151831110	354	10	65
7809XZN-14	7314153004574	354	10	65
7809XZN-14-100	7314153004567	354	10	65
7809XZN-8	7314151831066	354	10	65
7809XZN-8-100	7314151831073	354	10	65
7809Z/10	7314153003560	354	10	70



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7809Z-1/2	7314153003515	354	10	65
7809Z-1/4	7314153003478	354	10	65
7809Z-19/32	7314153003546	354	10	65
7809Z-3/16	7314153003461	354	10	65
7809Z-3/8	7314153003492	354	10	65
7809Z-5/16	7314153003485	354	10	65
7809Z-5/8	7314153003553	354	10	65
7809Z-7/16	7314153003508	354	10	65
7809Z-9/16	7314153003539	354	10	65
7811DMV	7314150122134	391	30	205
7819DME	7314151838270	354	25	69
7819DRN	7314151831547	354	25	69
7819DZ	7314151831516	354	25	70
7819DZE	7314151838287	354	25	70
7819HNRE	7314151837938	354	25	69
7819HRN	7314151831493	354	25	69
7819JE	7314151837976	354	25	70
7819SRE	7314151837921	354	25	69
782-U	7311518276447	391	40	33
783	7311518276034	391	40	33
7835 G-160	7314150050253	340	55	134
7851-100	7314150124886	360	10	78
7851-200	7314151845476	360	10	78
7851-340	7314151845483	360	10	78
7851-G	7314150124909	360	10	82
7851-M	7314150124893	360	10	82
7852-1	7314151703998	360	15	78
7852-10	7314151848743	360	15	79
7852-200	7314151845513	360	10	78
7852-340	7314151845520	360	10	78
7852-7-13	7314151709334	360	15	79
7852-7-14	7314151709419	360	15	79
7852-7-15	7314151709686	360	15	79
7852-7-17	7314151709761	360	15	79
7852-7-18	7314151839338	360	15	79
7852-7-19	7314151709846	360	15	79
7852-7-22	7314151839345	360	15	79
7852-7-24	7314151710187	360	15	79
7852-7-27	7314151710262	360	15	79
7852-7-30	7314151839352	360	15	79
7852-7-32	7314151808693	360	15	79
7852-8-13	7314151710347	360	15	78
7852-8-14	7314151710422	360	15	78
7852-8-15	7314151710699	360	15	78
7852-8-17	7314151710774	360	15	78
7852-8-19	7314151710859	360	15	78
7852-8-22	7314151713362	360	15	78
7852-8-24	7314151710934	360	15	78
7852-8-27	7314151711078	360	15	78
7852-8-30	7314151808716	360	15	78
7852-8-32	7314151808723	360	15	78
7852P-200	7314153013606	360	10	78
7865	7311518276720	350	46	98
7886DME	7314151837952	354	25	69
7886DZE	7314151837969	354	25	70
7886SME	7314151837945	354	25	69
7888DM	7314151820923	354	25	70
7888SM	7314151820916	354	25	69
7890	7314150052691	340	10	213
7890 CO	7314150052899	340	10	213
7891	7314150052714	340	10	213
7891 CO	7314150052905	340	10	213
7892	7314150052738	340	10	213
7893	7314150052769	340	10	213
78DTT-340	7314150182626	360	35	82
7993M0170	8413345115353	354	30	89
7993M0190	8413345115377	354	30	89
7993M0220	8413345115391	354	30	89
7993M0270	8413345115414	354	30	89
7993S0050	8413345115070	354	30	87
7993S0060	8413345115094	354	30	87
7993S0080	8413345115117	354	30	87
7993S0100	8413345115131	354	30	87
7993S0120	8413345115155	354	30	87
7993S0140	8413345115179	354	30	87
7993S0170	8413345115193	354	30	87
7993S0190	8413345115216	354	30	87
7993T0120	8413345115230	354	30	88
7993T0140	8413345115254	354	30	88
7993T0170	8413345115278	354	30	88



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7993T0190	8413345115292	354	30	88
7993T0220	8413345115315	354	30	88
7993T0240	8413345115339	354	30	88
7994S0300	8413345129305	354	30	87
7994S0400	8413345129312	354	30	87
7994S0450	8413345129329	354	30	87
7994S0500	8413345129336	354	30	87
7994S0550	8413345129343	354	30	87
7994S0600	8413345129350	354	30	87
800-4	7314151846497	350	12	108
800S/T10/9	7314150136674	350	12	191
800S/T10/E	7314150137114	356	10	191
800S/T8/9	7314150136711	350	12	192
800S/T8/E	7314150137152	356	10	192
8045LVDE	7314151509163	350	46	118
8045VDE	7314151317256	350	46	118
804-6	7314151846510	350	12	108
8052	7314151318406	350	46	107
805-6	7314150138685	350	12	109
806-1-1	7311518003760	350	46	118
806-1-2	7314150183258	350	45	118
806-1-3	7314150183265	350	46	118
806-6	7314151846527	350	12	109
8069	7314150007028	310	10	36
8069 C	7314150007035	310	10	36
8069 C IP	7314150101634	310	10	36
8069 IP	7314150007042	310	10	36
8069 R-95	7314150007660	310	10	37
8069-95	7314150007073	310	10	37
8070	7314150007110	310	10	36
8070 C	7314150007127	310	10	36
8070 C IP	7314150101641	310	10	36
8070 IP	7314150007134	310	10	36
8070 R-95	7314150007783	310	10	37
8070-95	7314150007165	310	10	37
8070V	7314150121519	310	25	49
8070V	7314150121519	310	25	204
8071	7314150007202	310	10	36
8071 C	7314150007219	310	10	36
8071 C IP	7314150101658	310	10	36
8071 IP	7314150007226	310	10	36
8071 R-95	7314150007905	310	10	37
8071-95	7314150007257	310	10	37
8071V	7314150121526	310	25	49
8071V	7314150121526	310	25	204
8071VLT	7314150121564	310	25	49
8071VLT	7314150121564	310	25	204
8072	7314150007288	310	10	36
8072 C	7314150007295	310	10	36
8072 C IP	7314150101665	310	10	36
8072 IP	7314150007301	310	10	36
8072 R-95	7314150008025	310	10	37
8072-95	7314150007332	310	10	37
8072V	7314150121533	310	25	49
8072V	7314150121533	310	25	204
8072VLT	7314150121571	310	25	204
8073	7314150007363	310	10	36
8073 C	7314150007370	310	10	36
8073 C IP	7314150101672	310	10	36
8073 IP	7314150007387	310	10	36
8073 R-95	7314150008148	310	10	37
8073-95	7314150007417	310	10	37
8073V	7314150121540	310	25	49
8073V	7314150121540	310	25	204
8073VLT	7314150121588	310	25	204
8074	7314150007448	310	10	36
8074 C	7314150007455	310	10	36
8074 C IP	7314150101689	310	10	36
8074 IP	7314150007462	310	10	36
8074-95	7314150007493	310	10	37
8074V	7314150121557	310	25	49
8074V	7314150121557	310	25	204
8075	7314150007523	310	10	36
807-5	7314153010704	350	12	109
8075 C	7314150007530	310	10	36
8075 C IP	7314150101696	310	10	36
8075 IP	7314150007547	310	10	36
8075-95	7314150007578	310	10	37
808050	7314153017642	350	38	115
808050/T6/41	7314150136902	350	12	193



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808050/T6/E	7314150137312	356	10	193
808050A	7314150127306	350	46	118
808050L	7314150128075	350	38	115
808050L-SP1	7314150129218	350	38	115
808050P	7314150128105	350	38	115
808050P-25	7314150165179	350	38	115
808050S	7314150128082	350	38	116
808050S-18	7314150128921	350	38	116
808050S-22	7314150128938	350	38	116
808050TORX	7314150127313	350	46	118
808050TS	7314150128099	350	38	115
808-10	7314153010797	350	12	109
808-9	7314151846534	350	12	109
810-5	7314151846541	350	12	109
8110-1/2	7314151808853	354	20	66
8110H-1/2	7314153015860	354	20	66
8110-SO/1	7314151809751	354	20	68
811-10-200	7311518013776	350	12	107
811-5-5-25	7314151845971	350	12	107
811-5-5-100	7311518013738	350	12	107
811-5-5-125	7311518013745	350	12	107
811-6-5-125	7314151845865	350	12	107
811-6-5-150	7311518013752	350	12	107
811-6-5-25	7311518013783	350	12	107
811-8-150	7314151845872	350	12	107
813	7314150055852	340	10	212
8130	7314150050918	340	10	211
8131	7314150050925	340	10	211
8131 CO	7314150051519	340	10	211
8132	7314150050932	340	10	211
813-2-5-75	7314151845889	350	12	107
813-3-5-100	7311518013851	350	12	107
813-3-100	7314151845896	350	12	107
813-3-75	7311518013844	350	12	107
813-4-100	7314151845902	350	12	107
813-4-125	7311518013868	350	12	107
813-5-5-150	7311518013875	350	12	107
813VDE-10-200	7314151846237	350	26	108
813VDE-10-200	7314151846237	350	26	206
813VDE-12-200	7314151846244	350	26	108
813VDE-12-200	7314151846244	350	26	206
813VDE-3-5-100	7314151846183	350	26	108
813VDE-3-5-100	7314151846183	350	26	206
813VDE-3-100	7314151846176	350	26	108
813VDE-3-100	7314151846176	350	26	206
813VDE-4-100	7314151846190	350	26	108
813VDE-4-100	7314151846190	350	26	206
813VDE-5-5-125	7314151846206	350	26	108
813VDE-5-5-125	7314151846206	350	26	206
813VDE-6-5-150	7314151846213	350	26	108
813VDE-6-5-150	7314151846213	350	26	206
813VDE-8-175	7314151846220	350	26	108
813VDE-8-175	7314151846220	350	26	206
814	7314150055845	340	10	212
8140	7314150050949	340	10	211
8140 CO	7314150051533	340	10	211
8141	7314150050987	340	10	211
8141 CO	7314150051557	340	10	211
814-100	7314151846572	350	12	108
8142	7314150051007	340	10	211
8142 CO	7314150051564	340	10	211
8143	7314150051021	340	10	211
8144	7314150051045	340	10	211
8144 CO	7314150051601	340	10	211
8145	7314150051052	340	10	211
8146	7314150051076	340	10	211
8147	7314150051083	340	10	211
8148	7314150051090	340	10	211
8148 CO	7314150051656	340	10	211
8149	7314150051106	340	10	211
8150	7314150051113	340	10	211
8150 CO	7314150051670	340	10	211
8150 J	7314150051137	340	10	211
8150-1/2	7314151105006	354	40	66
8150-1/2V	7314150121601	354	40	76
8150-1/2V	7314150121601	354	40	205
815-0-75	7314151845919	350	12	107
8150RN-1/2	7314151831202	354	20	66
8150-SO/1	7314151798697	354	20	68
8150-SO/2	7314150111329	354	20	68



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8151	7314150051199	340	10	211
8151 CO	7314150051694	340	10	211
8151-1/2	7314151105112	354	20	66
815-1-100	7314151845926	350	12	107
815-1-25	7311518013967	350	12	107
8152	7314150052097	340	10	211
8152-1/2	7314151105129	354	15	66
815-2-125	7314151845933	350	12	107
815-2-25	7311518013974	350	12	107
8153	7314150051205	340	10	211
815-3-150	7311518013943	350	12	107
8154	7314150052103	340	10	211
8154 CO	7314150052233	340	10	211
8154-1/2	7314151105143	354	15	67
8154-1/2V	7314150121595	354	40	76
8154-1/2V	7314150121595	354	40	205
8155	7314150052110	340	10	211
8155-1/2	7314151827595	354	20	66
8155-SO/1	7314153000811	354	20	69
8155-SO/2	7314153000828	354	20	69
8156	7314150051212	340	10	211
8157	7314150052127	340	10	211
8158	7314150052134	340	10	211
8158-1/2	7314151105167	354	15	66
8158-SO/1	7314150111039	354	15	69
8159-1/2	7314151105198	354	15	67
8159-W	7314150107186	354	15	67
815VDE-0-100	7314151846251	350	26	108
815VDE-0-100	7314151846251	350	26	207
815VDE-1-150	7314151846268	350	26	108
815VDE-1-150	7314151846268	350	26	207
815VDE-2-175	7314151846275	350	26	108
815VDE-2-175	7314151846275	350	26	207
815VDE-3-200	7314151846282	350	26	108
815VDE-3-200	7314151846282	350	26	207
815VDE-4-200	7314151846299	350	26	108
815VDE-4-200	7314151846299	350	26	207
8160	7314150051229	340	10	211
8160 CO	7314150051724	340	10	211
8160 J	7314150051250	340	10	211
8160-1/2	7314151105204	354	15	67
8160-1/2V	7314150121618	354	40	76
8160-1/2V	7314150121618	354	40	205
816-0-75	7314151845940	350	12	107
8160-B	7314150182565	354	15	67
8160-W	7314150107193	354	15	67
8161	7314150051328	340	10	211
8161 CO	7314150051748	340	10	211
816-1-100	7314151845957	350	12	107
816-1-25	7311518014032	350	12	107
8162	7314150051335	340	10	211
8162-1/2	7314151105211	354	15	67
8162-1/2V	7314150121625	354	40	76
8162-1/2V	7314150121625	354	40	205
816-2-125	7314151845964	350	12	107
816-2-25	7311518014049	350	12	107
8162-W	7314150107209	354	15	67
8163	7314150051342	340	10	211
8163 CO	7314150051762	340	10	211
816-3-150	7311518014018	350	12	107
8164	7314150052141	340	10	211
8164-1/2	7314151105266	354	15	61
8165	7314150052158	340	10	211
8165 CO	7314150052288	340	10	211
8165-1/2	7314151105273	354	15	67
8166-1/2	7314151105280	354	15	67
8167	7314153003584	354	15	61
8167-1/2	7314150181094	354	15	67
816VDE-0-100	7314151846138	350	26	108
816VDE-0-100	7314151846138	350	26	206
816VDE-1-150	7314151846145	350	26	108
816VDE-1-150	7314151846145	350	26	206
816VDE-2-175	7314151846152	350	26	108
816VDE-2-175	7314151846152	350	26	206
816VDE-3-200	7314151846169	350	26	108
816VDE-3-200	7314151846169	350	26	206
817-100	7311518014254	350	12	108
817V-10	7314150129003	350	26	108
817V-10	7314150129003	350	26	207
817V-13	7314150129010	350	26	108



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817V-13	7314150129010	350	26	207
817V-6	7314150128976	350	26	108
817V-6	7314150128976	350	26	207
817V-7	7314150128983	350	26	108
817V-7	7314150128983	350	26	207
817V-8	7314150128990	350	26	108
817V-8	7314150128990	350	26	207
818-10-75	7314151846015	350	12	108
818-15-100	7314151846022	350	12	108
8181A	7314151807832	360	10	79
8181C	7314151807825	360	10	79
818-20-100	7314151846039	350	12	108
818-25-125	7314151846046	350	12	108
818-30-150	7314151846053	350	12	108
818-6-75	7314151846565	350	12	108
818-7-75	7314151845988	350	12	108
818-8-75	7314151845995	350	12	108
818-9-75	7314151846008	350	12	108
819-2.5-100	7314151846077	350	12	108
819-2-100	7314151846060	350	12	108
8193-1/2	7314151831219	354	20	66
819-3-100	7314151846084	350	12	108
8194-1/2	7314151831226	354	15	66
819-4-100	7314151846091	350	12	108
819-5-100	7314151846107	350	12	108
819-6-125	7314151846114	350	12	108
819-8-150	7314151846121	350	12	108
820VDE-5	7314153001146	350	26	109
820VDE-5	7314153001146	350	26	207
8211	7314150101030	340	10	211
8223	7314150112685	340	75	135
8223 IP	7314150113149	340	75	135
8224	7314150000012	340	75	135
8224 IP	7314150101757	340	75	135
8224-9072/T6/E	7314150137268	356	10	193
8224-9072/T6/E	7314150137268	356	10	193
8224-9072P/T6/2	7314150136841	340	96	193
8224C-9072C/T6/2	7314150136858	340	96	193
8224CIP	7314150103607	340	75	135
8225	7314150000029	340	75	135
8225 IP	7314150101764	340	75	135
8225CIP	7314150103614	340	75	135
8226	7314150115853	340	75	135
822VDE-5	7314153002365	350	26	109
822VDE-5	7314153002365	350	26	207
8231	7311518266509	340	75	135
8231 IP	7311518270285	340	75	135
8247	7314150051397	340	10	212
8247 CO	7314150051809	340	10	212
8248	7314150051427	340	10	212
8248 CO	7314150051823	340	10	212
833AJ-4	7311518286927	318	15	246
833AJ-5	7311518286934	318	15	246
833AJ-6	7311518286941	318	15	246
833FJ-4	7311518286965	318	15	246
833FJ-5	7311518286972	318	15	246
833FJ-6	7311518286989	318	15	246
833PJ-4	7311518286897	318	15	245
833PJ-5	7311518286903	318	15	245
833PJ-67	7311518286910	318	15	245
833SB-4	7311518286859	318	15	245
833SB-5	7311518286866	318	15	245
833SB-6	7311518286873	318	15	245
833SB-7	7311518286880	318	15	245
834V-2	7314150124992	391	40	245
834V-4	7311518286811	318	15	244
834V-5	7311518286828	318	15	244
834V-6	7311518286835	318	15	244
834V-7	7311518286842	318	15	244
850-1	7311518292737	362	10	238
8501-10	7311518004828	346	10	238
8501-10F	7311518220945	346	10	238
8501-12	7311518004842	346	10	238
8501-12F	7311518220952	346	10	238
8501-13	7311518004859	346	10	238
8501-13F	7311518220969	346	10	238
8501-15	7311518004873	346	10	238
8501-15F	7311518220976	346	10	238
8501-16	7311518004880	346	10	238
8501-16F	7311518220983	346	10	238



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8501-17	7311518004897	346	10	238
8501-17F	7311518220990	346	10	238
8501-17S	7311518221027	346	10	238
8501-18S	7311518221034	346	10	238
8501-18SW	7311518221058	346	10	238
8501-2	7311518004743	346	10	238
8501-22	7311518178888	346	10	238
8501-22F	7311518221003	346	10	238
8501-23	7311518004958	346	10	238
8501-23F	7311518018887	346	10	238
8501-28	7311518018894	346	10	238
8501-28F	7311518221010	346	10	238
8501-28S	7311518221041	346	10	238
8501-28SW	7311518221065	346	10	238
8501-28XF	7311518281946	346	10	238
8501-3	7311518004750	346	10	238
8501-30	7311518237479	346	10	238
8501-30F	7311518237462	346	10	238
8501-30S	7311518282240	346	10	238
8501-30SW	7311518282196	346	10	238
8501-30XF	7311518281984	346	10	238
8501-31	7311518237455	346	10	238
8501-31F	7311518237448	346	10	238
8501-4	7311518008079	346	10	238
8501-40	7311518282042	346	10	238
8501-4F	7311518220914	346	10	238
8501-4XF	7311518281786	346	10	238
8501-5	7311518004774	346	10	238
8501-5F	7311518220921	346	10	238
8501-7	7311518004798	346	10	238
8501-7F	7311518220938	346	10	238
86	7314150005376	310	10	36
865-1	7311518292744	362	10	238
869102000	8413345083645	340	70	142
869102500	8413345083669	340	70	142
869103000	8413345116640	340	70	142
87	7314150005406	310	10	36
8840M	7314151105495	354	25	72
8845DM	7314151105525	354	25	72
8845NM	7314151810955	354	25	72
8900DM-19	7314151105730	354	10	71
8900DM-22	7314151105754	354	10	71
8900DM-24	7314151105778	354	10	71
8900DM-25	7314151105785	354	10	71
8900DM-27	7314151105822	354	10	71
8900DM-28	7314151105846	354	10	71
8900DM-30	7314151105884	354	10	71
8900DM-32	7314151105891	354	10	71
8900DM-34	7314151838478	354	10	71
8900DM-36	7314151105914	354	10	71
8900DM-41	7314151105938	354	10	71
8900DM-46	7314151105952	354	10	71
8900DM-50	7314151105969	354	10	71
8900DM-55	7314151105983	354	10	71
8900DM-60	7314151106003	354	10	71
8900DZ-1	7314151106058	354	10	71
8900DZ-1.1/16	7314151106065	354	10	71
8900DZ-1.1/2	7314151106133	354	10	71
8900DZ-1.1/4	7314151106096	354	10	71
8900DZ-1.1/8	7314151106072	354	10	71
8900DZ-1.13/16	7314151106188	354	10	71
8900DZ-1.3/16	7314151106089	354	10	71
8900DZ-1.3/4	7314151106171	354	10	71
8900DZ-1.3/8	7314151106119	354	10	71
8900DZ-1.5/16	7314151106102	354	10	71
8900DZ-1.5/8	7314151106157	354	10	71
8900DZ-1.7/16	7314151106126	354	10	71
8900DZ-1.7/8	7314151106195	354	10	71
8900DZ-15/16	7314151106034	354	10	71
8900DZ-2	7314151106201	354	10	71
8900SM-22	7314151810795	354	10	70
8900SM-24	7314151810801	354	10	70
8900SM-27	7314151810818	354	10	70
8900SM-30	7314151810825	354	10	70
8900SM-32	7314151810832	354	10	70
8900SM-34	7314151838461	354	10	70
8900SM-36	7314151810849	354	10	70
8900SM-38	7314151810856	354	10	70
8900SM-41	7314151810863	354	10	70
8900SM-46	7314151810870	354	10	70



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8900SM-50	7314151810887	354	10	70
8900SM-55	7314151810894	354	10	70
8900SM-60	7314151810900	354	10	70
8905S-1000	7314150125579	360	30	82
8905-TM	7314150125470	360	30	82
894M-10	7314151833039	366	10	48
894M-100	7314151833305	366	10	48
894M-105	7314151833312	366	10	48
894M-11	7314151833046	366	10	48
894M-110	7314151833329	366	10	48
894M-115	7314151833336	366	10	48
894M-12	7314151833053	366	10	48
894M-120	7314151833343	366	10	48
894M-125	7314150132478	366	10	48
894M-13	7314151833060	366	10	48
894M-130	7314150132485	366	10	48
894M-135	7314150132492	366	10	48
894M-14	7314151833077	366	10	48
894M-15	7314151833084	366	10	48
894M-17	7314151833091	366	10	48
894M-19	7314151833107	366	10	48
894M-22	7314151833114	366	10	48
894M-24	7314151833121	366	10	48
894M-27	7314151833138	366	10	48
894M-30	7314151833145	366	10	48
894M-32	7314151833152	366	10	48
894M-36	7314151833169	366	10	48
894M-38	7314151833176	366	10	48
894M-41	7314151833183	366	10	48
894M-46	7314151833190	366	10	48
894M-50	7314151833206	366	10	48
894M-55	7314151833213	366	10	48
894M-60	7314151833220	366	10	48
894M-65	7314151833237	366	10	48
894M-7	7314151833008	366	10	48
894M-70	7314151833244	366	10	48
894M-75	7314151833251	366	10	48
894M-8	7314151833015	366	10	48
894M-80	7314151833268	366	10	48
894M-85	7314151833275	366	10	48
894M-9	7314151833022	366	10	48
894M-90	7314151833282	366	10	48
894M-95	7314151833299	366	10	48
8950N	7314151810931	354	20	71
8950N/A	7314151810948	354	20	71
8950NA-SO/2	7314151816605	354	20	72
8951	7314151106782	354	20	71
8951-F-800	7314150125456	360	10	78
8951-M	7314150124916	360	10	82
8952-1	7314151815493	366	15	78
8952-3	7314151848644	360	15	79
8952F	7314151808433	360	10	78
8952N	7314150180196	354	20	71
8952N/A	7314150180202	354	20	71
8952N/B	7314150180219	354	15	71
8953	7314151106799	354	15	71
8954	7314151106805	354	15	71
8954A	7314151106812	354	15	71
8958	7314151106829	354	15	71
8958A	7314151106836	354	15	72
895M-10-11	7314151832742	366	10	47
895M-10-13	7314151832759	366	10	47
895M-13-17	7314151832803	366	10	47
895M-17-19	7314151832827	366	10	47
895M-19-22	7314151832834	366	10	47
895M-19-24	7314151832841	366	10	47
895M-22-24	7314151832858	366	10	47
895M-24-27	7314151832865	366	10	47
895M-24-30	7314151832872	366	10	47
895M-27-32	7314151832889	366	10	47
895M-30-32	7314151832896	366	10	47
895M-30-36	7314151832902	366	10	47
895M-32-36	7314151832919	366	10	47
895M-36-41	7314151832926	366	10	47
895M-41-46	7314151832933	366	10	47
895M-46-50	7314151832940	366	10	47
895M-50-55	7314151832957	366	10	47
895M-55-60	7314151832964	366	10	47
895M-65-70	7314151832971	366	10	47
895M-6-7	7314151832711	366	10	47



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895M-8-10	7314151832735	366	10	47
895M-8-9	7314151832728	366	10	47
8961	7314151106850	354	15	72
8962	7314151106867	354	15	72
8963	7314150181087	354	15	72
8964	7314151106874	354	15	68
8965	7314151106881	354	15	72
8966	7314151106898	354	15	72
8967	7314153003591	354	15	68
8967/S3	7314153003607	354	25	55
8967/S3	7314153003607	354	25	62
8967/S3	7314153003607	354	25	68
8981	7314151837518	360	10	79
8981A	7314151807818	360	10	79
89DTT-800	7314150184156	360	35	82
900T/T18/8	7314150136735	350	42	192
900T/T18/E	7314150137176	356	10	192
900T-020-100	7314153018106	350	42	117
900T-025-100	7314153018113	350	42	117
900T-030-100	7314153018120	350	42	117
900T-040-150	7314153018137	350	42	117
900T-050-150	7314153018144	350	42	117
900T-060-200	7314153018151	350	42	117
900T-080-200	7314153018168	350	42	117
900T-100-200	7314153018175	350	42	117
901T/T18/7	7314150136742	350	42	192
901T/T18/E	7314150137183	356	10	192
901T-006-100	7314153018182	350	42	117
901T-007-100	7314153018199	350	42	117
901T-008-100	7314153018205	350	42	117
901T-009-100	7314153018212	350	42	117
901T-010-100	7314153018229	350	42	117
901T-015-150	7314153018236	350	42	117
901T-020-150	7314153018243	350	42	117
901T-025-150	7314153018250	350	42	117
901T-027-150	7314153018267	350	42	117
901T-030-200	7314153018274	350	42	117
901T-040-200	7314153018281	350	42	117
901T-045-200	7314153018298	350	42	117
901T-050-200	7314153018304	350	42	117
9029	7314153010612	310	10	36
9029 C	7314153010629	310	10	36
9029-95	7314150117222	310	10	37
902T-050-150	7314153018311	350	42	117
902T-055-150	7314153018328	350	42	117
902T-060-150	7314153018335	350	42	117
902T-070-175	7314153018342	350	42	117
902T-080-175	7314153018359	350	42	117
902T-090-175	7314153018366	350	42	117
902T-100-175	7314153018373	350	42	117
902T-110-175	7314153018380	350	42	117
902T-120-175	7314153018397	350	42	117
902T-130-175	7314153018403	350	42	117
9031	7314150110988	310	10	36
9031 C	7314150113507	310	10	36
9031-95	7314150114511	310	10	37
9031-T	7314150131648	310	10	36
9033	7314150181414	310	10	36
9035	7314150181421	310	10	36
903T-1	7314153018410	350	42	118
903T-2	7314153018427	350	42	118
903T-3	7314153018434	350	42	118
9045-B-200	7311518012175	336	10	242
9045-B-250	7311518012182	336	10	242
9045-B-300	7311518012199	336	10	242
9045-B-400	7311518178123	336	10	242
9048-200	7314150138159	336	10	242
9048-250	7314150138166	336	10	242
9048-300	7314150138173	336	10	242
9048-350	7314150180349	336	10	242
9048-400	7314150138180	336	10	242
904T-060-150	7314153019837	350	42	117
905T-060-100	7314153019844	350	42	117
9070	7314150100170	310	10	36
9070 P	7314150103416	310	10	36
9070 P-95	7314150117185	310	10	37
9070 PC	7314150103423	310	10	36
9070C	7314150100187	310	10	36
9071	7314150100194	310	10	36
9071 P	7314150103430	310	10	36



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9071 P-95	7314150117192	310	10	37
9071 PC	7314150103447	310	10	36
9071C	7314150100200	310	10	36
9072	7314150055609	310	10	36
9072 C	7314150055616	310	10	36
9072 P	7314150056354	310	10	36
9072 P-95	7314150117208	310	10	37
9072 PC	7314150056361	310	10	36
9073	7314150101702	310	10	36
9073 C	7314150101719	310	10	36
9073 P	7314150101726	310	10	36
9073 P-95	7314150117215	310	10	37
9073 PC	7314150101733	310	10	36
91-023-5P	7311518032593	346	40	15
91-027-5P	7311518032616	346	40	15
91-143-100P	7311518224363	346	40	15
91-143-25P	7311518266578	346	40	15
91-143-5P	7311518032630	346	40	15
91-148-5P	7311518032654	346	40	15
91-14W6-5P	7311518278984	346	40	15
91-223-5P	7311518032661	346	40	15
91-226-5P	7311518032685	346	40	15
91-233-5P	7311518260057	346	40	15
91-243-5P	7311518032692	346	40	15
9-12-51/3806-KP	7311518044558	316	10	18
91-2PW-5P	7311518260163	346	40	15
91-3PM-5P	7311518260156	346	40	15
91-412-5P	7311518260040	346	40	15
91-433-5P	7311518260101	346	40	15
91-434-5P	7311518260026	346	40	15
91-443-5P	7311518032722	346	40	15
91-444-5P	7311518260033	346	40	15
91-4PWM-5P	7311518260170	346	40	15
91-502-5P	7311518032746	346	40	15
91-512-25P	7311518266592	346	40	15
91-512-5P	7311518032753	346	40	15
91-517-5P	7311518032777	346	40	15
91-522-5P	7311518032784	346	40	15
91-611-5P	7311518260071	346	40	15
91-612-5P	7311518032814	346	40	15
91-622-5P	7311518260088	346	40	15
91-623-5P	7311518260064	346	40	15
91-7V1-5P	7311518260118	346	40	15
91-840-1P	7311518260125	346	40	15
91-919-1P	7311518260149	346	40	15
91C	7314150182381	310	15	37
91-C13-1	7311518142162	346	40	15
9210	7311518278182	344	15	255
9210-1	7311518278212	344	15	255
9210-10	7311518278229	344	15	255
9210-1060177	7311518295424	344	15	256
9210-1060238	7311518295394	344	15	255
9210-1230219	7311518295387	344	15	255
9210-1230235	7311518295325	344	15	255
9210-1320281	7311518295431	344	15	256
9210-1640142	7311518295356	344	15	255
9210-1690148	7311518295332	344	15	255
9210-1700118	7311518295363	344	15	255
9210-1710266	7311518295417	344	15	256
9210-1720100	7311518295295	344	15	255
9210-1730107	7311518295349	344	15	255
9210-1770106	7311518295370	344	15	255
9210-1830137	7311518295400	344	15	255
9210-20	7311518278236	344	15	255
92C	7314150182398	310	15	37
9320	7311518292126	344	25	256
93C	7314150182404	310	15	37
9-462-14-0-0	7311518020873	324	25	28
9-467-00-0-0	7311518020897	324	55	28
9-469-00-0-0	7311518020903	324	55	28
9-484-3.2-10	7311518193348	324	50	28
9-484-3.2-1P	7311518193522	324	50	28
9-484-5.2-10	7311518193355	324	50	28
9-484-5.2-1P	7311518193331	324	50	28
9-485-06-10	7311518193508	324	50	28
9-485-06-1P	7311518193492	324	50	28
9-485-09-10	7311518193386	324	50	28
9-485-09-1P	7311518193362	324	50	28
9-485-13-10	7311518193393	324	50	28
9-485-13-1P	7311518193379	324	50	28



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9-486-04-10	7311518193430	324	50	28
9-486-04-1P	7311518193409	324	50	29
9-486-05-10	7311518193461	324	50	28
9-486-05-1P	7311518193447	324	50	29
9-486-07-1P	7311518249359	324	50	29
9-486-C-10	7311518209599	324	50	29
9-486-C-1P	7311518209605	324	50	29
9-488-02-10	7311518194772	324	50	24
94C	7314150182411	310	15	37
9500SM-41	7314153013699	354	10	72
9500SM-46	7314153013705	354	10	72
9500SM-50	7314153013712	354	10	72
9500SM-54	7314153013729	354	10	72
9500SM-55	7314153013736	354	10	72
9500SM-58	7314153013743	354	10	72
9500SM-60	7314153013750	354	10	72
9500SM-63	7314153013767	354	10	72
9500SM-65	7314153013774	354	10	72
9500SM-67	7314153013781	354	10	72
9500SM-70	7314153013798	354	10	72
9500SM-71	7314153013804	354	10	72
9500SM-75	7314153013811	354	10	72
9500SM-77	7314153013828	354	10	72
9500SM-80	7314153013835	354	10	72
9500SM-82	7314153013842	354	10	72
9500SZ-1.13/16	7314153013866	354	10	73
9500SZ-1.5/8	7314153013859	354	10	73
9500SZ-1.7/8	7314153013873	354	10	73
9500SZ-2	7314153013880	354	10	73
9500SZ-2.1/2	7314153013934	354	10	73
9500SZ-2.1/4	7314153013910	354	10	73
9500SZ-2.1/8	7314153013897	354	10	73
9500SZ-2.15/16	7314153013972	354	10	73
9500SZ-2.3/16	7314153013903	354	10	73
9500SZ-2.3/4	7314153013965	354	10	73
9500SZ-2.3/8	7314153013927	354	10	73
9500SZ-2.5/8	7314153013958	354	10	73
9500SZ-2.9/16	7314153013941	354	10	73
9500SZ-3	7314153013989	354	10	73
9500SZ-3.1/8	7314153013996	354	10	73
9505-1700	7314150125494	360	30	82
9505-3400	7314150125517	360	30	82
9505S-3000	7314150125609	360	30	82
9505-TM	7314150125487	360	30	82
950800000	8413345107129	356	30	186
9515S-3000	7314150125616	360	30	82
9525-10	7311518031817	346	30	248
9525-1700	7314150125500	360	30	82
9525-3400	7314150125524	360	30	82
9525-7	7311518031800	346	30	248
9525S-1500	7314150125586	360	30	82
9526-10	7311518011086	346	30	248
9526-11	7311518011093	346	30	248
9526-12	7311518012588	346	30	248
9526-13	7311518011031	346	30	248
9526-14	7311518012595	346	30	248
9526-15	7311518012601	346	30	248
9526-16	7311518011109	346	30	248
9526-17	7311518012618	346	30	248
9526-18	7311518012625	346	30	248
9526-19	7311518011048	346	30	248
9526-20	7311518012632	346	30	248
9526-22	7311518011116	346	30	248
9526-24	7311518012649	346	30	248
9526-25	7311518011055	346	30	248
9526-26	7311518012656	346	30	248
9526-28	7311518101206	346	30	248
9526-30	7311518012670	346	30	248
9526-32	7311518011123	346	30	248
9526-35	7311518276409	346	30	248
9526-38	7311518276416	346	30	248
9526-6	7311518011062	346	30	248
9526-7	7311518013271	346	30	248
9526-8	7311518011079	346	30	248
9527-10-CA	7311518045555	346	30	249
9527-12-CA	7311518045562	346	30	249
9527-13-CA	7311518045579	346	30	249
9527-14-CA	7311518045586	346	30	249
9527-16-CA	7311518045593	346	30	249
9527-18-CA	7311518045609	346	30	249



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9527-19-CA	7311518045616	346	30	249
9527-20-CA	7311518045623	346	30	249
9527-22-CA	7311518045630	346	30	249
9527-24-CA	7311518045647	346	30	249
9527-25-CA	7311518045654	346	30	249
9527-26-CA	7311518045661	346	30	249
9527-28-CA	7311518045678	346	30	249
9527-32-CA	7311518045692	346	30	249
9527-35-CA	7311518276423	346	30	249
9527-38-CA	7311518276430	346	30	249
9527-6-CA	7311518045531	346	30	249
9527-8-CA	7311518045548	346	30	249
9528-MD-15-45	7311518007447	346	30	249
9528-MD-22-76	7311518041441	346	30	249
9529-10	7311518045753	346	30	248
9529-12	7311518045760	346	30	248
9529-13	7311518045777	346	30	248
9529-14	7311518045784	346	30	248
9529-16	7311518045791	346	30	248
9529-17	7311518045807	346	30	248
9529-18	7311518045814	346	30	248
9529-19	7311518045821	346	30	248
9529-20	7311518045838	346	30	248
9529-22	7311518046590	346	30	248
9529-24	7311518046606	346	30	248
9529-25	7311518046613	346	30	248
9529-26	7311518046620	346	30	248
9529-28	7311518046637	346	30	248
9529-30	7311518046644	346	30	248
9529-32	7311518046651	346	30	248
9529-35	7311518046668	346	30	248
9529-38	7311518046675	346	30	248
9529-40	7311518046682	346	30	248
9529-6	7311518043308	346	30	248
9529-8	7311518045746	346	30	248
9531-10-CA	7311518045395	346	30	248
9531-12-CA	7311518045401	346	30	248
9531-13-CA	7311518045418	346	30	248
9531-14-CA	7311518045425	346	30	248
9531-16-CA	7311518045432	346	30	248
9531-18-CA	7311518045449	346	30	248
9531-19-CA	7311518045456	346	30	248
9531-20-CA	7311518045463	346	30	248
9531-22-CA	7311518045470	346	30	248
9531-24-CA	7311518045487	346	30	248
9531-25-CA	7311518045494	346	30	248
9531-28-CA	7311518045500	346	30	248
9531-30-CA	7311518045517	346	30	248
9531-32-CA	7311518045524	346	30	248
9531-35-CA	7311518013035	346	30	248
9531-38-CA	7311518013042	346	30	248
9531-6-CA	7311518045371	346	30	248
9531-8-CA	7311518045388	346	30	248
9540MB	7314153014108	354	25	73
9540MBL	7314153014115	354	25	73
9540ZB	7314153014122	354	25	73
9540ZBL	7314153014139	354	25	73
9550AB	7314153014009	354	20	73
9550AB-SO/1	7314153014016	354	20	73
9551	7314153014030	354	20	73
9552AB	7314153014023	354	15	73
9555	7314153014047	354	15	73
9555AB	7314153014061	354	15	73
956	7314150025190	364	30	240
9560AB	7314153014078	354	15	73
9563AB	7314153014085	354	15	73
9564	7314151107543	354	15	72
9565AB	7314153014092	354	15	73
9570	7314150178575	310	15	37
9571	7314150178582	310	15	37
9572	7314150178599	310	15	37
9572-200	7311518004231	336	10	241
9572-250	7311518004248	336	10	241
9573	7314150178605	310	15	37
9574-200	7314150138197	336	10	241
9574-250	7314150138203	336	10	241
9574-300	7314150180356	336	10	241
9575-250	7314150185894	336	10	242
9581C	7314151807801	360	10	79
95C	7314150182428	310	15	37

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960000010	8413345005968	356	15	196
960000020	8413345005975	356	15	196
960000030	8413345005982	356	15	196
960000040	8413345005999	356	15	196
960000050	8413345028738	356	15	196
96000B030	8413345110778	356	15	196
96000B040	8413345110792	356	15	196
960100010	8413345031073	356	15	196
960100020	8413345031080	356	15	196
960100030	8413345031097	356	15	196
960100050	8413345031103	356	15	196
960100060	8413345031110	356	15	196
9605-6000	7314150125531	360	30	82
9625-6000	7314150125548	360	30	82
9625-9500	7314150125555	360	30	82
9625S-6000	7314150125647	360	30	82
9675S-6000	7314150125630	360	30	82
96C	7314150134120	310	15	37
9710/S5	7314151810924	350	44	115
9710/S6	7314151802301	350	44	115
9710-10-175	7314151785789	350	44	115
9710-3.5-75	7314151785192	350	44	115
9710-5.5-100	7314151785352	350	44	115
9710-6.5-125	7314151785437	350	44	115
9710-8-150	7314151785512	350	44	115
9715-14-250	7314153010148	350	18	107
9733	7314150103256	340	10	135
9778-1	7314151793524	350	44	115
9778-2	7314151793531	350	44	115
9778-3	7314151793548	350	44	115
9778PZD-1	7314151823535	350	44	115
9778PZD-2	7314151823542	350	44	115
97C	7314150128211	310	15	37
9841	7314150107445	356	30	199
9845	7314150107476	356	30	199
9848	7314150111015	356	30	199
9850	7314150111343	356	25	199
9852	7314150114092	356	30	199
985200000	8413345006071	356	25	195
9853	7314150103287	340	30	136
985315000	8413345023412	397	10	195
985318500	8413345023429	397	10	195
9854	7314150111831	340	80	220
985415000	8413345023436	356	20	195
985418500	8413345023443	356	20	195
9854W	7314150112760	340	80	220
9855	7314150111848	340	80	220
9855W	7314150112777	340	80	220
9856	7314150111855	340	80	220
9857	7314150114283	340	80	220
9858	7314150111862	340	80	220
9858W	7314150112784	340	80	220
9859	7314150113057	340	80	220
9860S	7314150140732	340	96	136
9873	7314150058082	310	10	136
9883	7314150043293	364	30	240
9897	7314150058068	340	96	136
9923	7314150037728	350	48	95
9933	7314150028092	350	48	95
9938	7314150056491	340	30	140
A0313C03	7311518023713	346	15	29
A0313F03	7311518023690	346	15	29
A0313F03E	7311518212780	346	15	29
A0313M03	7311518023706	346	15	29
A0313M03E	7311518192150	346	15	29
A0313M03X	7311518182038	346	15	29
A0313M03XE	7311518181475	346	15	29
A0313M03XE-60	7311518184513	346	15	29
A0313M03XE-80	7311518201357	346	15	29
A0320M03X	7311518197773	346	15	32
A0408F03D	7311518197926	346	15	32
A0610F06D	7311518197933	346	15	32
A0613M03X	7311518197872	346	15	29
A0616AL06E	7311518181802	346	15	31
A0616C06	7311518023782	346	15	29
A0616F06	7311518023720	346	15	29
A0616M06	7311518023737	346	15	29
A0616M06DE	7311518212629	346	15	29
A0616M06E	7311518023751	346	15	29
A0616M06X	7311518023768	346	15	29



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A0616M06XE	7311518181468	346	15	29
A0625M06X	7311518197780	346	15	32
A0810F06D	7311518197957	346	15	32
A0820C06	7311518023850	346	15	29
A0820F06	7311518023799	346	15	29
A0820F06E	7311518212803	346	15	29
A0820M06	7311518023805	346	15	29
A0820M06E	7311518023829	346	15	29
A0820M06X	7311518023836	346	15	29
A0820M06XE	7311518181994	346	15	29
A1020C06	7311518023928	346	15	29
A1020F06	7311518023867	346	15	29
A1020M06	7311518023874	346	15	29
A1020M06E	7311518023898	346	15	29
A1020M06X	7311518023904	346	15	29
A1020M06XE	7311518182007	346	15	29
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A1225AL06E	7311518187620	346	15	31
A1225AL08E	7311518181819	346	15	31
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A1225F06	7311518023935	346	15	29
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A3364L	7314151804992	356	10	196
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A6700DZ-1/2	7314151751883	354	10	52
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A6700DZ-11/32	7314151819842	354	10	52
A6700DZ-3/16	7314151751029	354	10	52
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A6700DZ-7/16	7314151819859	354	10	52
A6700DZ-7/32	7314151751296	354	10	52
A6700DZ-9/16	7314151751968	354	10	52
A6700DZ-9/32	7314151751456	354	10	52
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A6709M-3	7314151753825	354	10	54
A6709M-4	7314151754129	354	10	54
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A6709M-6	7314151754556	354	10	54
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A6709Z-5/32	7314151755799	354	10	54
A6709Z-9/64	7314151755522	354	10	54
A6710DM-10	7314151756765	354	10	52
A6710DM-11	7314151756840	354	10	52
A6710DM-12	7314151756925	354	10	52
A6710DM-13	7314151757069	354	10	52



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A6710DM-5.5	7314151756178	354	10	52
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A6710DZ-3/16	7314151820435	354	10	52
A6710DZ-3/8	7314151757656	354	10	52
A6710DZ-5/16	7314151757496	354	10	52
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A6710DZ-9/32	7314151820459	354	10	52
A6716DM	7314151820824	354	25	56
A6716DZ	7314151820831	354	25	57
A6800DM-10	7314151821845	354	10	52
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A6800DM-5.5	7314151821791	354	10	52
A6800DM-6	7314151821807	354	10	52
A6800DM-7	7314151821814	354	10	52
A6800DM-8	7314151821821	354	10	52
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A6800DZ-3/16	7314151758035	354	10	53
A6800DZ-3/8	7314151758622	354	10	53
A6800DZ-5/16	7314151758547	354	10	53
A6800DZ-7/16	7314151803889	354	10	53
A6800DZ-7/32	7314151758110	354	10	53
A6800DZ-9/16	7314151758974	354	10	53
A6800DZ-9/32	7314151758462	354	10	53
A7400DM-10	7314151819972	354	10	58
A7400DM-11	7314151819989	354	10	58
A7400DM-12	7314151819996	354	10	58
A7400DM-13	7314151820008	354	10	58
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A7400DZ-1/2	7314151759780	354	10	58
A7400DZ-1/4	7314151759193	354	10	58
A7400DZ-11/16	7314151819897	354	10	58
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A7400DZ-17/32	7314151819866	354	10	58
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A7400DZ-5/16	7314151759278	354	10	58
A7400DZ-5/8	7314151819880	354	10	58
A7400DZ-7/16	7314151759513	354	10	58
A7400DZ-7/8	7314151819927	354	10	58
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A7402DM-19	7314151820220	354	10	58
A7402DZ-1/2	7314151760526	354	10	58
A7402DZ-1/4	7314151759940	354	10	58
A7402DZ-11/16	7314151820114	354	10	58



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A7402DZ-19/32	7314153003041	354	10	58
A7402DZ-3/4	7314151820121	354	10	58
A7402DZ-3/8	7314151760366	354	10	58
A7402DZ-5/16	7314151760014	354	10	58
A7402DZ-5/8	7314151820107	354	10	58
A7402DZ-7/16	7314151760441	354	10	58
A7402DZ-7/8	7314153003034	354	10	58
A7402DZ-9/16	7314151760793	354	10	58
A7410DZ-1/2	7314153006301	354	10	58
A7410DZ-11/16	7314153006332	354	10	58
A7410DZ-3/4	7314153006349	354	10	58
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A7410DZ-7/16	7314153006295	354	10	58
A7410DZ-9/16	7314153006318	354	10	58
A7435DME	7314153015006	354	25	63
A7440DME	7314153015419	354	25	63
A7440DZE	7314153014993	354	25	63
A7535DZE	7314153015013	354	25	63
AP-2.7M	7311518217686	352	30	260
AP-234	7311518289010	352	30	260
AP-234-F	7311518289027	352	30	260
AP-3M	7311518152062	352	30	260
AP-5M	7311518152079	352	30	260
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B400.003	8412814119458	338	20	144
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B400.006	8412814119489	338	20	144
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B400.008	8412814119502	338	20	144
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B400.010	8412814119526	338	20	144
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B400.012	8412814119540	338	20	144
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B400.014	8412814119564	338	20	144
B400.015	8412814119571	338	20	144
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B400.017	8412814119595	338	20	144
B400.018	8412814119601	338	20	144
B400.019	8412814119618	338	20	144
B400.020	8412814119625	338	20	144
B400.021	8412814119632	338	20	144
B400.022	8412814119649	338	20	144
B400.023	8412814119656	338	20	144
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B400.027	8412814119694	338	20	144
B400.028	8412814119700	338	20	144
B400.029	8412814119717	338	20	144
B400.030	8412814119724	338	20	144
B400.031	8412814119731	338	20	144
B400.032	8412814119748	338	20	144
B400.033	8412814119755	338	20	144
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B400.050	8412814119922	338	20	144
BB12-1200	7314150169276	312	10	167
BB1224-1200	7314150169290	312	10	167
BB1224-760	7314150169283	312	10	167
BB12-760	7314150169269	312	10	167
BB24-1200	7314150169306	312	10	167

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BBBC2A	7314150181520	312	10	167
BBBC4A	7314150181537	312	10	167
BBBCAB-AUZ	7314150183944	312	10	167
BBBCAB-UK	7314150183937	312	10	167
BBR110	7314150170562	312	25	164
BBR300P43	7314150169894	312	25	164
BBR320	7314150169887	312	25	164
BBR350	7314150169900	312	25	164
BBS100	7314150169870	312	20	174
BBS150	7314150169849	312	20	173
BBS160	7314150182305	312	20	173
BBS20P12	7314150169856	312	20	174
BBS50	7314150169863	312	20	173
BBT20	7314150166961	312	10	167
BBT30	7314150164981	312	10	168
BBT40	7314150164974	312	10	168
BE009/T10/9	7314150136667	350	10	191
BE009/T10/E	7314150137107	356	10	191
BE009/T12/8	7314150136728	350	10	192
BE009/T12/E	7314150137169	356	10	192
BE009/T6/7	7314150136698	356	10	192
BE009/T6/E	7314150137138	356	10	192
BE009/T8/5	7314150136704	350	10	192
BE009/T8/E	7314150137145	356	10	192
BE100	7314150177912	312	30	162
BE1GP5	7314150170043	312	30	162
BE1GP5-T	7314150170050	312	30	162
BE1P	7314150170067	312	10	162
BE1SP14L	7314150170074	312	10	162
BE1T14	7314150167630	312	10	162
BE1T16	7314150167647	312	30	162
BE1T21	7314150167654	312	30	162
BE200	7314150165148	312	30	170
BE200CAB250SH10	7314150165452	312	30	170
BE200CAB250SH25	7314150165469	312	30	170
BE200CAB250SH3	7314150165445	312	30	170
BE200CAB40F1	7314150165391	312	30	170
BE200CAB55F1	7314150165407	312	30	170
BE200CAB55F3	7314150165414	312	30	170
BE200CAB58SR1	7314150165421	312	30	170
BE200CAB58SR3	7314150165438	312	30	170
BE200CAB80SR1	7314150165384	312	30	170
BE200CAB80SR3	7314150165476	312	30	170
BE200MAG55	7314150165513	312	30	170
BE200MAG80	7314150165551	312	30	170
BE200MIR5535	7314150165483	312	30	170
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BE200MIR8055	7314150165544	312	30	170
BE210	7314150165155	312	30	170
BE220	7314150170005	312	30	170
BE230	7314150182633	312	30	161
BE250	7314150169924	312	30	162
BE255	7314150180257	312	30	162
BE-3529	7314151847845	350	10	226
BE500P24	7314150169955	312	30	162
BE5049	7314150169931	312	30	162
BE52304405	7314150178162	312	30	161
BE523047	7314150177950	312	30	160
BE52305450	7314150178322	312	30	159
BE523055	7314150178018	312	30	158
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BE52305801	7314150177967	312	30	160
BE52305802	7314150178285	312	30	160
BE52306100	7314150178001	312	30	158
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BE52306120	7314150178223	312	30	161
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BE523076	7314150178407	312	30	158
BE523106	7314150178391	312	30	161
BE523110B	7314150178377	312	30	158
BE523110C	7314150178384	312	30	158
BE5231102	7314150178117	312	30	158



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BE523158	7314150178353	312	30	158
BE523160	7314150178254	312	30	159
BE523161	7314150178193	312	30	160
BE52316150	7314150178209	312	30	161
BE52316190	7314150178179	312	30	160
BE52316197	7314150178247	312	30	161
BE523161B	7314150178230	312	30	161
BE52316230	7314150178186	312	30	160
BE52316404	7314150177974	312	30	161
BE523166	7314150178308	312	30	160
BE523167	7314150177998	312	30	160
BE523171	7314150178346	312	30	158
BE52317301	7314150178131	312	30	159
BE523174	7314150178261	312	30	160
BE523175	7314150178292	312	30	159
BE523176	7314150178155	312	30	160
BE523360	7314150178278	312	30	159
BE61110	7314150167449	312	30	164
BE61110-1	7314150167463	312	30	164
BE61155	7314150167456	312	30	164
BE61155-1	7314150167470	312	30	164
BE6217	7314150169702	312	30	164
BE630	7314150169580	312	30	163
BE630246F	7314150169597	312	30	163
BE630276F	7314150169603	312	30	163
BE630326F	7314150169610	312	30	163
BE630366F	7314150169627	312	30	163
BE630386F	7314150169634	312	30	163
BE63066514F	7314150169641	312	30	163
BE-6400M-4	7314153011145	350	10	101
BE-6400M-5	7314153011169	350	10	101
BE-6400M-5.5	7314153011176	350	10	101
BE-6400M-7	7314153011190	350	10	101
BE64350	7314150169672	312	30	164
BE64350CH	7314150169696	312	30	164
BE64520	7314150169665	312	30	164
BE64520CH	7314150169689	312	30	164
BE65F65120	7314150169658	312	30	164
BE65R106160	7314150170036	312	30	164
BE65R65120	7314150170012	312	30	164
BE65R80120	7314150170029	312	30	164
BE-6990-AH	7314151848651	360	25	81
BE-6990-IP10	7314151846763	360	25	80
BE-6990-IP10-KL	7314151847531	360	25	80
BE-6990-IP15	7314151846770	360	25	80
BE-6990-IP15-KL	7314151847548	360	25	80
BE-6990-IP20	7314151848606	360	25	80
BE-6990-IP20-KL	7314151848668	360	25	80
BE-6990-IP25	7314151848613	360	25	80
BE-6990-IP6	7314151846725	360	25	80
BE-6990-IP6-KL	7314151847494	360	25	80
BE-6990-IP7	7314151846732	360	25	80
BE-6990-IP7-KL	7314151847500	360	25	80
BE-6990-IP8	7314151846749	360	25	80
BE-6990-IP8-KL	7314151847517	360	25	80
BE-6990-IP9	7314151846756	360	25	80
BE-6990-IP9-KL	7314151847524	360	25	80
BE-6990-IPSET	7314153019356	360	25	80
BE-6990TX-T10KL	7314151847760	360	25	80
BE-6990TX-T15KL	7314151847777	360	25	80
BE-6990TX-T20KL	7314151848682	360	25	80
BE-6990TX-T6-KL	7314151847722	360	25	80
BE-6990TX-T7-KL	7314151847739	360	25	80
BE-6990TX-T8-KL	7314151847746	360	25	80
BE-6990TX-T9-KL	7314151847753	360	25	80
BE74-55100	7314150169733	312	30	158
BE74-57125	7314150169511	312	30	158
BE74-57125L	7314150169535	312	30	158
BE74-80120	7314150169740	312	30	158
BE74-90175	7314150169528	312	30	158
BE-7606	7314151839017	350	10	101
BE-7607	7314151839024	350	10	101
BE-7608	7314151839031	350	10	101
BE-7675	7314150123896	350	54	123
BE78/T10/8	7314150136834	350	10	193
BE78/T10/E	7314150137251	356	10	193
BE-7803	7314151838867	350	10	101
BE-7804	7314151838881	350	10	101
BE-7805	7314151838904	350	10	101

BE-7806	7314151838928	350	10	101
BE-7807	7314151838935	350	10	101
BE-7808	7314151838942	350	10	101
BE-7809	7314151838959	350	10	101
BE-7810	7314151838966	350	10	101
BE-7811	7314151838973	350	10	101
BE-7812	7314151838980	350	10	101
BE-7813	7314151838997	350	10	101
BE-7814	7314151839000	350	10	101
BE-7835	7314151838874	350	10	101
BE-7845	7314151838898	350	10	101
BE-7855	7314151838911	350	10	101
BE-7907	7314153010964	350	10	101
BE-7908	7314153010971	350	10	101
BE-7909	7314153010988	350	10	101
BE-7910	7314151838799	350	10	101
BE-7915	7314151838805	350	10	101
BE-7920	7314151838812	350	10	101
BE-7925	7314151838829	350	10	101
BE-7927	7314151838836	350	10	101
BE-7930	7314151838843	350	10	101
BE-7940	7314151838850	350	10	101
BE-8010	7314150010615	350	10	100
BE-8010S	7314150033058	350	24	102
BE-8010S	7314150033058	350	24	205
BE-8020	7314150010639	350	10	100
BE-8020L	7314151838591	350	10	100
BE-8030	7314150010653	350	10	100
BE-8040	7314150010677	350	10	100
BE-8040S	7314150033089	350	24	102
BE-8040S	7314150033089	350	24	205
BE-8050S	7314150033096	350	24	102
BE-8050S	7314150033096	350	24	205
BE-8065S	7314150033119	350	24	102
BE-8065S	7314150033119	350	24	205
BE-8080-1	7314153010995	350	10	101
BE-8080-10	7314153011060	350	10	101
BE-8080-2	7314153011008	350	10	101
BE-8080-3	7314153011015	350	10	101
BE-8080-4	7314153011022	350	10	101
BE-8080-5	7314153011039	350	10	101
BE-8080-6	7314153011046	350	10	101
BE-8080-8	7314153011053	350	10	101
BE-8150	7314150010707	350	10	100
BE-8155	7314150010721	350	10	100
BE-8158	7314153010858	350	10	100
BE-8159	7314153010865	350	10	100
BE-8160	7314150010745	350	10	100
BE-8210	7314151838584	350	10	100
BE-8220	7314150047741	350	10	100
BE-8220S	7314150048243	350	24	102
BE-8220S	7314150048243	350	24	205
BE-8230	7314150047758	350	10	100
BE-8230S	7314150048250	350	24	102
BE-8230S	7314150048250	350	24	205
BE-8240	7314150047765	350	10	100
BE-8242	7314153010803	350	10	100
BE-8250	7314150047772	350	10	100
BE-8250L	7314151838607	350	10	100
BE-8252	7314153010810	350	10	100
BE-8255	7314150047789	350	10	100
BE-8255S	7314150048281	350	24	102
BE-8255S	7314150048281	350	24	205
BE-8256	7314153010827	350	10	100
BE-8257	7314153010834	350	10	100
BE-8258	7314153010841	350	10	100
BE-8260	7314150047796	350	10	100
BE-8330	7314151838614	350	10	100
BE-8340	7314151838621	350	10	100
BE-8350	7314151838638	350	10	100
BE-8355	7314151838652	350	10	100
BE-8360	7314151838676	350	10	100
BE-8450	7314151838645	350	10	100
BE-8455	7314151838669	350	10	100
BE-8510S	7314150126507	350	24	206
BE-8520S	7314150126514	350	24	206
BE-8577	7314151839048	350	10	101
BE-8600	7314150010769	350	10	100
BE-8600S	7314150033126	350	24	102
BE-8600S	7314150033126	350	24	205

BE-8601	7314151838706	350	10	100
BE-8602	7314151838713	350	10	100
BE-8610	7314150010776	350	10	100
BE-8610L	7314151838683	350	10	100
BE-8610S	7314150033133	350	24	102
BE-8610S	7314150033133	350	24	205
BE-8611	7311518292317	350	10	100
BE-8620	7314150010783	350	10	100
BE-8620L	7314151838690	350	10	100
BE-8620S	7314150033140	350	24	102
BE-8620S	7314150033140	350	24	205
BE-8621	7311518292324	350	10	100
BE-8623	7314153010872	350	10	100
BE-8624	7314153010889	350	10	100
BE-8628	7314153010896	350	10	100
BE-8629	7314153010902	350	10	100
BE-8630	7314150010790	350	10	100
BE-8630S	7314150033157	350	24	102
BE-8630S	7314150033157	350	24	205
BE-8640	7314150010806	350	10	100
BE-8640S	7314150033164	350	24	102
BE-8640S	7314150033164	350	24	205
BE-8675	7314150123872	350	54	123
BE-8702	7314151838768	350	10	101
BE-8703	7314150027651	350	10	101
BE-8703S	7314151839130	350	24	102
BE-8703S	7314151839130	350	24	205
BE-8704	7314150027668	350	10	101
BE-8704S	7314151839147	350	24	102
BE-8704S	7314151839147	350	24	205
BE-8705	7314150027675	350	10	101
BE-8705S	7314151839154	350	24	102
BE-8705S	7314151839154	350	24	205
BE-8706	7314150027682	350	10	101
BE-8706S	7314151839161	350	24	102
BE-8706S	7314151839161	350	24	205
BE-8708	7314150027699	350	10	101
BE-8708S	7314151839178	350	24	102
BE-8708S	7314151839178	350	24	205
BE-8710	7314150027705	350	10	101
BE-8710S	7314150126521	350	24	206
BE-8720S	7314150126538	350	24	206
BE-8725	7314151838775	350	10	101
BE-8725S	7314151839123	350	24	102
BE-8725S	7314151839123	350	24	205
BE-8800	7314150042012	350	10	100
BE-8800S	7314151839055	350	24	102
BE-8800S	7314151839055	350	24	205
BE-8801	7314151838744	350	10	100
BE-8802	7314151838751	350	10	100
BE-8810	7314150010813	350	10	100
BE-8810L	7314151838720	350	10	100
BE-8810S	7314150048298	350	24	102
BE-8810S	7314150048298	350	24	205
BE-8811	7311518292331	350	10	100
BE-8820	7314150010820	350	10	100
BE-8820L	7314151838737	350	10	100
BE-8820S	7314150048304	350	24	102
BE-8820S	7314150048304	350	24	205
BE-8821	7311518292348	350	10	100
BE-8823	7314153010919	350	10	100
BE-8824	7314153010926	350	10	100
BE-8828	7314153010933	350	10	100
BE-8829	7314153010940	350	10	100
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BE-8830S	7314150048311	350	24	102
BE-8830S	7314150048311	350	24	205
BE-8840	7314150010844	350	10	100
BE-8840S	7314151839062	350	24	102
BE-8840S	7314151839062	350	24	205
BE-8865	7314150010851	350	10	100
BE-8870	7314150010875	350	10	100
BE-8880	7314150010899	350	10	100
BE-8890	7314150010905	350	10	100
BE-8904	7314153010957	350	10	101
BE-8905	7314153010049	350	10	101
BE-8906	7314150027729	350	10	101
BE-8907	7314150027736	350	10	101
BE-8908	7314150027743	350	10	101
BE-8909	7314150027750	350	10	101

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BE-8910	7314150027767	350	10	101
BE-8910S	7314151839079	350	24	102
BE-8910S	7314151839079	350	24	206
BE-8915	7314150027774	350	10	101
BE-8915S	7314151839086	350	24	102
BE-8915S	7314151839086	350	24	206
BE-8920	7314150027781	350	10	101
BE-8920S	7314151839093	350	24	102
BE-8920S	7314151839093	350	24	206
BE-8925	7314150027798	350	10	101
BE-8925S	7314151839109	350	24	102
BE-8925S	7314151839109	350	24	206
BE-8927	7314150027804	350	10	101
BE-8930	7314150027811	350	10	101
BE-8930S	7314151839116	350	24	102
BE-8930S	7314151839116	350	24	206
BE-8940	7314150027828	350	10	101
BE-8945	7314151838782	350	10	101
BE-8975	7314150056576	350	54	122
BE-8980	7314153010681	350	10	101
BE-8985	7314153010698	350	10	101
BE-9001	7311518269005	350	10	101
BE-9002	7311518269012	350	10	101
BE-9003	7311518269029	350	10	101
BE-9575	7314150123841	350	54	122
BE-9578	7314150123803	350	54	122
BE-9585	7314150123858	350	54	123
BE-9588	7314150123810	350	54	122
BE-9675	7314150123889	350	54	123
BE-9678	7314150123827	350	54	122
BE-9688	7314150123834	350	54	122
BE-9765	7314150055128	350	54	121
BE-9770	7314150027712	350	54	121
BE-9775	7314150056330	350	54	121
BE-9776	7314150056545	350	54	121
BE-9777	7314150056552	350	54	121
BE-9778	7314150123780	350	54	122
BE-9780	7314150033386	350	54	121
BE-9785	7314150056347	350	54	121
BE-9787	7314150056569	350	54	121
BE-9878	7314150186259	350	54	123
BE-9881	7314150043279	350	10	102
BE-9881S	7314151839307	350	24	103
BE-9881S	7314151839307	350	24	206
BE-9882	7314151839284	350	10	102
BE-9882S	7314151839314	350	24	103
BE-9882S	7314151839314	350	24	206
BE-9883	7314151839291	350	10	102
BE-9885	7314150048465	350	10	102
BE-9885S	7314150126491	350	24	206
BE-9886	7314150048472	350	10	103
BE-9888S	7314153006158	350	24	103
BE-9888S	7314153006158	350	24	206
BE-9889	7314153010711	350	10	103
BELP1224	7314150177882	312	10	168
BELS12	7314150170579	312	10	168
BELT10	7314150170623	312	10	168
BELT1213	7314150170616	312	10	168
BELT127	7314150177899	312	10	168
BELT2415	7314150170609	312	10	168
BELT247N	7314150170586	312	10	168
BELT247S	7314150170593	312	10	168
BELTKEY	7314150177875	312	10	168
BELTRP16	7314150169917	312	10	169
BH110000	7314150170548	312	40	172
BH11500	7314150178797	312	40	171
BH12000	7314150178803	312	40	172
BH13000	7314150178810	312	40	172
BH15000	7314150170531	312	40	172
BH1A2500	7314150170555	312	40	172
BH23015	7314150178759	312	40	172
BH23015C	7314150178742	312	40	172
BH2402010	7314150178766	312	40	172
BH2604020	7314150178773	312	40	172
BH2AC60-140	7314150168958	312	40	173
BH2AC60V110	7314150178933	312	40	173
BH33000	7314150178674	312	40	171
BH36000	7314150178681	312	40	171
BH3HD12000	7314150170500	312	40	171
BH3HD16000	7314150170524	312	40	171



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BH3HD20000	7314150170517	312	40	171
BH3HD8000	7314150170494	312	40	171
BH410	7314150178711	312	40	171
BH415	7314150178728	312	40	171
BH42	7314150178698	312	40	171
BH420	7314150178735	312	40	171
BH430	7314150178780	312	40	171
BH45	7314150178704	312	40	171
BH5SP300	7314150170425	312	40	170
BH5SP500	7314150170432	312	40	170
BH5US500	7314150170449	312	40	170
BH6AC1-680	7314150178667	312	40	171
BH6FC1000	7314150178650	312	40	171
BH8AC1-500	7314150170463	312	40	171
BH8AC2-450	7314150170470	312	40	171
BH8AC3-500	7314150170487	312	40	171
BH8PR10000	7314150178957	312	40	173
BH8PR4000	7314150178940	312	40	173
BHVIS06100	7314150167753	312	25	165
BHVIS06105	7314150167760	312	25	165
BHVIS0670	7314150167692	312	25	165
BHVIS0677	7314150167708	312	25	165
BHVIS0680	7314150167715	312	25	165
BHVIS0685	7314150167722	312	25	165
BHVIS0690	7314150167739	312	25	165
BHVIS0695	7314150167746	312	25	165
BHVIS08100	7314150165711	312	25	165
BHVIS08115	7314150165728	312	25	165
BHVIS0895	7314150165704	312	25	165
BHVIS109BPW12	7314150165759	312	25	165
BHVIS111BPW12	7314150165735	312	25	165
BHVIS120BPW16	7314150165742	312	25	165
BHVIS1265	7314150167685	312	25	165
BHVIS80BPW12	7314150165766	312	25	165
BKE850901	7314153013446	391	40	58
BL11W	7314150164370	312	40	169
BL15	7314150164332	312	40	169
BL15BASE	7314150185665	312	10	169
BL15CLC	7314150185641	312	10	169
BL15MAG	7314150185658	312	10	169
BL15WC	7314150185634	312	10	169
BL30	7314150164349	312	40	169
BL30/60/80CLC	7314150185689	312	10	169
BL30WC	7314150185672	312	10	169
BL60	7314150164356	312	40	169
BL60/80WC	7314150185696	312	10	169
BL80	7314150164363	312	40	169
BLBT100	7314150179015	312	40	173
BLE200	7314150169573	344	10	173
BLW42W	7314150164387	312	40	169
BLW84W	7314150164394	312	40	169
BLX120	7314150164400	312	40	169
BLX120WC	7314150169054	312	40	170
BOD1016	7314150169979	312	40	163
BOD2008	7314150169986	312	40	163
BOD301200	7314150169993	312	40	163
BOD4200	7314150169436	312	40	163
BOD4500	7314150169443	312	40	163
BOD5400	7314150169450	312	40	173
BOD5450	7314150169474	312	40	173
BOD5HD400	7314150169467	312	40	173
BOD60	7314150169481	312	40	163
BOD70	7314150169498	312	40	163
BOD8901	7314150169016	312	40	163
BOD8901AC1	7314150178490	312	40	163
BOD8902	7314150169023	312	40	163
BP110	7314150135011	344	10	154
BP115	7314150134991	344	10	153
BP127	7314150137565	344	10	154
BP212	7314150134601	344	10	155
BP215	7314150134519	344	10	154
BP218	7314150170272	344	10	156
BP222	7314150137572	344	10	155
BP233	7314150134748	344	10	155
BP254	7314150137633	344	10	156
BP255	7314150137640	344	10	156
BP405	7314150134373	344	10	153
BP420M	7314150134618	344	10	153
BP421M	7314150134625	344	10	153
BP422M	7314150134632	344	10	153



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BP423M	7314150134649	344	10	153
BP424M	7314150134656	344	10	153
BP430M	7314150134663	344	10	153
BP431M	7314150134670	344	10	153
BP432M	7314150134687	344	10	153
BP433M	7314150134694	344	10	154
BP434M	7314150135837	344	10	154
BP500	7314150137992	344	10	156
BP51137	7314150134724	344	10	154
BP601	7314150134526	344	10	154
BP610	7314150134595	344	10	154
BP700	7314150134458	344	10	152
BP799	7314150134502	344	10	154
BP79912	7314150134717	344	10	154
BP815	7314150134311	344	10	152
BP815K1	7314150181957	344	10	152
BP815K2	7314150181964	344	10	152
BP816	7314150134427	344	10	152
BP816K1	7314150182008	344	10	152
BP817	7314150134106	344	10	152
BP820	7314150134465	344	10	152
BP821	7314150134472	344	10	152
BP822	7314150134984	344	10	153
BP823	7314150135004	344	10	153
BP824	7314150134489	344	10	154
BP825	7314150134496	344	10	154
BP826	7314150137459	344	10	156
BP827	7314150137442	344	10	156
BP900	7314150134328	344	10	153
BP900L	7314150134335	344	10	153
BPBG3515	7314150134823	344	10	155
BPBG3525A	7314150134830	344	10	155
BPBG3525B	7314150134847	344	10	155
BPBG5725	7314150134861	344	10	155
BPBG9057	7314150134878	344	10	155
BPBK30	7314150134854	344	10	155
BPBSC156	7314150134816	344	10	155
BPBU18	7314150134755	344	10	155
BPBU24	7314150134762	344	10	155
BPBU36	7314150134779	344	10	155
BPBU60	7314150134786	344	10	155
BPBU90	7314150134793	344	10	155
BPH1010	7314150138890	344	10	156
BPH1310	7314150138883	344	10	156
BPHR1020	7314150138616	344	10	156
BPHR1315	7314150138593	344	10	156
BPHRS1315	7314150138609	344	10	156
BPHVLP01	7314150138937	344	10	155
BPHVLP0110	7314150165865	344	10	155
BPHVLP0112	7314150165872	344	10	155
BPHVLP0114	7314150165889	344	10	155
BPHVLP0117	7314150165896	344	10	155
BPHVLP0120	7314150165902	344	10	155
BPN21201	7314150134731	344	10	155
BPN22201	7314150138074	344	10	155
BPN251	7314150137589	344	10	156
BPQCF14	7314150138920	344	10	156
BS10	7314150178827	312	25	166
BS1000	7314150170081	312	25	167
BS10AC1	7314150178841	312	25	166
BS10MEC	7314150178834	312	25	166
BS20/S10	7314153009319	366	10	44
BS50	7314150178858	312	25	166
BUC100	7314150169962	312	25	165
BUC50	7314150182329	312	25	165
BWB14	7314150170166	312	25	166
BWP150	7314150170159	312	25	166
BWSS12P3	7314150170128	312	25	166
BWSS12P5	7314150170135	312	25	166
BWTB12P10	7314150170142	312	25	165
BWTSP16	7314150170296	312	25	166
BWTSP7	7314150170302	312	25	166
BWXW1	7314150167661	312	25	165
BWXW2	7314150167678	312	25	165
BZWTB0132450	7314150165674	312	25	89
BZWTB0132450	7314150165674	312	25	165
BZWTB0132600	7314150165681	312	25	89
BZWTB0132600	7314150165681	312	25	165
BZWTB0133600	7314150165698	312	25	89
BZWTB0133600	7314150165698	312	25	165



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C0313C03	7311518100643	346	15	29
C0313F03	7311518100629	346	15	29
C0313M03	7311518100636	346	15	29
C0313M03X	7311518182045	346	15	29
C0613M03X	7311518197889	346	15	29
C0616AL06	7311518181826	346	15	31
C0616C06	7311518100698	346	15	29
C0616F06	7311518100650	346	15	29
C0616M03X	7311518204679	346	15	29
C0616M06	7311518100667	346	15	29
C0616M06D	7311518215262	346	15	29
C0616M06X	7311518100681	346	15	29
C0820C06	7311518100742	346	15	29
C0820F06	7311518100704	346	15	29
C0820M06	7311518100711	346	15	29
C0820M06X	7311518100735	346	15	29
C1020C06	7311518100797	346	15	29
C1020F06	7311518100759	346	15	29
C1020M06	7311518100766	346	15	29
C1020M06X	7311518100780	346	15	29
C1225AL06	7311518187637	346	15	31
C1225AL08	7311518181833	346	15	31
C1225C06	7311518100841	346	15	29
C1225C08	7311518100889	346	15	29
C1225F06	7311518100803	346	15	29
C1225F08	7311518100858	346	15	29
C1225M06	7311518100810	346	15	29
C1225M06X	7311518100834	346	15	29
C1225M08	7311518100865	346	15	29
C1225M08X	7311518187996	346	15	29
C1625C06	7311518192273	346	15	29
C1625C08	7311518100933	346	15	29
C1625F06	7311518192259	346	15	29
C1625F08	7311518100896	346	15	29
C1625M06	7311518192266	346	15	29
C1625M06X	7311518187378	346	15	29
C1625M08	7311518100902	346	15	29
C1625M08X	7311518100926	346	15	29
CHALK-BLUE	7314150128686	336	10	243
CHALK-RED	7314150128709	336	10	243
CHALK-YELLOW	7314150128693	336	10	243
CL-1221	7314150127122	336	10	243
CLIPS-1/2	7314153003201	354	15	69
CLIPS-1/4	7314153003188	354	15	56
CLIPS-3/8	7314153003195	354	15	62
CS150	7314150125241	336	10	242
CS300	7314150125258	336	10	242
CS400	7314150125265	336	10	242
CTTG/T15/5	7314150136896	328	10	193
CTTG/T15/E	7314150137305	356	10	193
D/S10	7311518280307	354	30	86
D/S14	7311518280314	354	30	86
D0303C03	7311518100964	346	15	29
D0303F03	7311518100940	346	15	29
D0303M03	7311518100957	346	15	29
D0303M03X	7311518182052	346	15	29
D0605M03X	7311518197896	346	15	29
D0606C06	7311518043872	346	15	29
D0606F06	7311518100971	346	15	29
D0606M06	7311518100988	346	15	29
D0606M06X	7311518101008	346	15	29
D0807C06	7311518043933	346	15	29
D0807F06	7311518043889	346	15	29
D0807M06	7311518043896	346	15	29
D0807M06X	7311518043919	346	15	29
D1009C06	7311518035310	346	15	30
D1009F06	7311518043926	346	15	30
D1009M06	7311518035280	346	15	30
D1009M06X	7311518035297	346	15	30
D1211AL06	7311518187644	346	15	31
D1211AL08	7311518181840	346	15	31
D1211C06	7311518035365	346	15	30
D1211F06	7311518035327	346	15	30
D1211F06D	7311518266424	346	15	30
D1211M06	7311518035334	346	15	30
D1211M06X	7311518035358	346	15	30
D1614C06	7311518192341	346	15	30
D1614C08	7311518035419	346	15	30
D1614F06	7311518192334	346	15	30
D1614F08	7311518035372	346	15	30

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D1614M06	7311518192327	346	15	30
D1614M06X	7311518187385	346	15	30
D1614M08	7311518035389	346	15	30
D1614M08X	7311518035402	346	15	30
DD/S10	7311518280321	354	30	86
DD/S14	7311518280338	354	30	86
D-DD/S20	7311518280345	354	30	86
DOW 175-1	7314152202728	338	10	137
DOW 175-11/2	7314152202995	338	10	137
DOW 175-2	7314152203022	338	10	137
DOW 175-3	7314152203299	338	10	137
DOW 176-1	7314152206047	338	10	137
DOW 176-11/2	7314152206122	338	10	137
DOW 176-2	7314152206399	338	10	137
DOW 177-1/2-1	7314152816383	338	10	137
DOW 177-11/2	7314152816468	338	10	137
DOW 177-2	7314152816543	338	10	137
E0308C03	7311518035440	346	15	30
E0308F03	7311518035426	346	15	30
E0308M03	7311518035433	346	15	30
E0308M03X	7311518192372	346	15	30
E0614C06	7311518035495	346	15	30
E0614F06	7311518035457	346	15	30
E0614M06	7311518035464	346	15	30
E0614M06X	7311518035488	346	15	30
E0816C06	7311518035549	346	15	30
E0816F06	7311518035501	346	15	30
E0816M06	7311518035518	346	15	30
E0816M06X	7311518035532	346	15	30
E1018C06	7311518035594	346	15	30
E1018F06	7311518035556	346	15	30
E1018M06	7311518035563	346	15	30
E1018M06X	7311518035587	346	15	30
E1222C06	7311518035648	346	15	30
E1222C08	7311518035686	346	15	30
E1222F06	7311518035600	346	15	30
E1222F08	7311518035655	346	15	30
E1222M06	7311518035617	346	15	30
E1222M06X	7311518035631	346	15	30
E1222M08	7311518172558	346	15	30
E1222M08X	7311518199302	346	15	30
E1625C06	7311518192464	346	15	30
E1625C08	7311518035730	346	15	30
E1625F06	7311518192457	346	15	30
E1625F08	7311518035693	346	15	30
E1625M06	7311518192440	346	15	30
E1625M06X	7311518187392	346	15	30
E1625M08	7311518035709	346	15	30
E1625M08X	7311518035723	346	15	30
ECO-LUBE100	7311518249434	352	35	267
EF-1/T8/5	7314150136810	324	20	192
EF-1/T8/E	7314150137237	356	10	192
EPCP/T8/4	7314150136759	340	96	192
EPCP-P/T8/E	7314150137190	356	10	192
EPCP-P/T8/E	7314150137190	356	10	192
EPP/T8/4	7314150136766	340	96	192
EX-14-TEN-C	7311518298333	330	10	232
EX-14-VEN-C	7311518298340	330	10	232
EX-16-GNP-C	7311518298685	330	10	232
EX-19-XT9-C	7311518298302	330	10	232
EX-20-LAM-C	7311518298326	330	10	232
EX-20-XT11-C	7311518298319	330	10	232
EX-22-PLS-C	7311518298357	330	10	232
EX-22-U7	7311518300890	330	10	232
EX-22-XT7-C	7311518298289	330	10	232
EX-22-XT9-C	7311518298296	330	10	232
EX-244P-22	7311518298456	330	10	232
EX-24-XT7-C	7311518298272	330	10	232
EX-LL	7311518298494	330	10	232
EX-NPP-22	7311518324162	330	10	232
EX-RL	7311518298487	330	10	232
EX-RM	7311518298470	330	10	232
F0313C03	7311518035761	346	15	30
F0313F03	7311518035747	346	15	30
F0313M03	7311518035754	346	15	30
F0313M03X	7311518192495	346	15	30
F0612C04	7311518192525	346	15	30
F0612F04	7311518192518	346	15	30
F0612M04	7311518035778	346	15	30
F0612M04X	7311518188474	346	15	30



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F0613M03X	7311518196608	346	15	30
F0618AL06	7311518181857	346	15	32
F0618C06	7311518035822	346	15	30
F0618F06	7311518035785	346	15	30
F0618M06	7311518035792	346	15	30
F0618M06X	7311518035815	346	15	30
F0820C06	7311518035877	346	15	30
F0820F06	7311518035846	346	15	30
F0820M06	7311518035839	346	15	30
F0820M06X	7311518035860	346	15	30
F1020C06	7311518035921	346	15	30
F1020F06	7311518035884	346	15	30
F1020M06	7311518035891	346	15	30
F1020M06X	7311518035914	346	15	30
F1225AL06	7311518187651	346	15	32
F1225AL08	7311518181864	346	15	32
F1225C06	7311518035969	346	15	30
F1225C08	7311518036010	346	15	30
F1225F06	7311518035938	346	15	30
F1225F08	7311518035976	346	15	30
F1225M06	7311518035945	346	15	30
F1225M06X	7311518036003	346	15	30
F1225M08	7311518035983	346	15	30
F1225M08X	7311518192563	346	15	30
F1625C06	7311518192594	346	15	30
F1625C08	7311518036065	346	15	30
F1625F06	7311518192587	346	15	30
F1625F08	7311518036027	346	15	30
F1625M06	7311518192570	346	15	30
F1625M06X	7311518187408	346	15	30
F1625M08	7311518036034	346	15	30
F1625M08X	7311518036058	346	15	30
FCP-1.8-810	7311518123970	326	15	265
FCP-2.3-860	7311518123994	326	15	265
FCS-2.0-900SG	7311518281243	326	15	265
FCT128	7314150138838	356	10	194
FCT169	7314150138845	356	10	194
FCT238	7314150138852	356	10	194
FCT71	7314150138821	356	10	194
FFSS-1.5-900FG	7311518275884	326	15	265
FGS-1.0-600	7311518123796	326	15	265
FGS-1.25-700	7311518123802	326	15	265
FGS-1.6-810	7311518123819	326	15	265
FGS-1.8-810	7311518123826	326	15	265
FM10	7311518010881	324	25	24
FP-3M	7311518168612	391	60	260
FS-5	7311518266455	334	35	263
FS-5-E	7311518275105	334	35	263
FS-7.5	7311518266479	334	35	263
FS-8	7311518266462	352	20	263
G0313C03	7311518036096	346	15	30
G0313F03	7311518036072	346	15	30
G0313M03	7311518036089	346	15	30
G0313M03X	7311518182069	346	15	30
G0613M03X	7311518196592	346	15	30
G0618C06	7311518036140	346	15	30
G0618F06	7311518036102	346	15	30
G0618M06	7311518036119	346	15	30
G0618M06X	7311518036133	346	15	30
G0645M4.9X	7311518195380	346	15	32
G0820C06	7311518172572	346	15	30
G0820F06	7311518036157	346	15	30
G0820M06	7311518036164	346	15	30
G0820M06X	7311518036188	346	15	30
G0845M6.6X	7311518195403	346	15	32
G1020C06	7311518036249	346	15	30
G1020F06	7311518036201	346	15	30
G1020M06	7311518036218	346	15	30
G1020M06X	7311518036232	346	15	30
G1050M8.3X	7311518195397	346	15	32
G1225C06	7311518036348	346	15	30
G1225C08	7311518036386	346	15	30
G1225F06	7311518036300	346	15	30
G1225F08	7311518036355	346	15	30
G1225M06	7311518036317	346	15	30
G1225M06X	7311518036331	346	15	30
G1225M08	7311518036362	346	15	30
G1225M08X	7311518188009	346	15	30
G1625C06	7311518192662	346	15	30
G1625C08	7311518036430	346	15	30



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G1625F06	7311518192655	346	15	30
G1625F08	7311518036393	346	15	30
G1625M06	7311518192648	346	15	30
G1625M06X	7311518187415	346	15	30
G1625M08	7311518036409	346	15	30
G1625M08X	7311518036423	346	15	30
GC600	7311518298579	318	20	244
GS-180	7311518266448	352	25	262
GS-180-F	7311518275488	352	25	262
GS-76	7311518010782	352	25	262
GS-76-E	7311518274979	352	25	262
H0613M03X	7311518196615	346	15	30
H1025C06	7311518182328	346	15	30
H1025F06	7311518182335	346	15	30
H1025M06	7311518182304	346	15	30
H1025M06X	7311518182311	346	15	30
H1025M08	7311518273439	346	15	30
H1232M06	7311518182076	346	15	30
H1232M06X	7311518181758	346	15	30
H1635C06	7311518192754	346	15	30
H1635C08	7311518192785	346	15	30
H1635F06	7311518192747	346	15	30
H1635F08	7311518192778	346	15	30
H1635M06	7311518192730	346	15	30
H1635M06X	7311518187422	346	15	30
H1635M08	7311518182083	346	15	30
H1635M08X	7311518182090	346	15	30
HFGPS-0,7-400FG	7311518275877	326	15	265
HGPS-0.6-360	7311518123680	326	15	265
HGPS-0.8-380	7311518123697	326	15	265
HGPS-1.0-400	7311518123703	326	15	265
HRFM10	7311518010898	324	25	25
HS6000	7314150113781	340	10	213
HSSG-A0616M	7311518023379	346	15	32
HSSG-A1020M	7311518023386	346	15	32
HSSG-A1225EC	7311518023409	346	15	32
HSSG-A1225M	7311518023393	346	15	32
HSSG-A1625M	7311518023416	346	15	32
HSSG-C0616M	7311518023423	346	15	32
HSSG-C1020M	7311518023430	346	15	32
HSSG-C1225EC	7311518023454	346	15	32
HSSG-C1225M	7311518023447	346	15	32
HSSG-D0606M	7311518023461	346	15	32
HSSG-D0807M	7311518023478	346	15	32
HSSG-D1009M	7311518023485	346	15	32
HSSG-D1211EC	7311518023508	346	15	32
HSSG-D1211M	7311518023492	346	15	32
HSSG-D1614M	7311518023515	346	15	32
HSSG-E0614M	7311518023522	346	15	32
HSSG-E1222EC	7311518023546	346	15	32
HSSG-E1222M	7311518023539	346	15	32
HSSG-E1625M	7311518023553	346	15	32
HSSG-F0618M	7311518023560	346	15	32
HSSG-F1225M	7311518023577	346	15	32
HSSG-F1625M	7311518023584	346	15	32
HSSG-G0618M	7311518023591	346	15	32
HSSG-G0645MX	7311518195496	346	15	32
HSSG-G1220M	7311518023607	346	15	32
HSSG-G1225EC	7311518023621	346	15	32
HSSG-G1225M	7311518023614	346	15	32
HSSG-M0618M	7311518023638	346	15	32
HSSG-M1227M	7311518023645	346	15	32
HSSG-N1230M	7311518188016	346	15	32
HSSG-O1218M	7311518188030	346	15	32
HSSG-P0622M	7311518188054	346	15	33
HSSG-P1230M	7311518188078	346	15	33
HUS-0.6-380	7311518123659	326	15	265
HUS-0.7-500SG	7311518281229	326	15	265
HUS-0.8-500	7311518123666	326	15	265
HUS-1.0-650	7311518123673	326	15	265
HUS-1.0-650SG	7311518281236	326	15	265
IZO-D-135	7314151845827	360	20	79
IZO-D-200	7314151846831	360	20	79
IZO-D-30	7314151846824	360	20	79
IZO-D-340	7314151846848	360	20	79
IZO-DAG-135	7314153016270	360	20	80
IZO-DAG-340	7314153016287	360	20	80
IZO-DM-135	7314151848200	360	20	80
IZO-DM-200	7314151846916	360	20	80
IZO-DM-30	7314151846909	360	20	80



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IZO-DM-340	7314151846923	360	20	80
IZO-DR-810	7314151846817	360	20	80
IZO-DRM-810	7314151846893	360	20	80
J0604C06	7311518036515	346	15	30
J0604F06	7311518036492	346	15	30
J0604M06	7311518036508	346	15	30
J1010C06	7311518036553	346	15	31
J1010F06	7311518036522	346	15	30
J1010M06	7311518172473	346	15	30
J1212M06	7311518036577	346	15	31
J1616C06	7311518192822	346	15	31
J1616C08	7311518036638	346	15	31
J1616F06	7311518192815	346	15	31
J1616F08	7311518036607	346	15	31
J1616M06	7311518187439	346	15	31
J1616M08	7311518036614	346	15	31
JS-HOLSTER-L	7311518243517	330	20	259
JS-HOLSTER-S	7311518243500	330	20	259
K0602C06	7311518036669	346	15	31
K0602F06	7311518036645	346	15	31
K0602M06	7311518036652	346	15	31
K1008C06	7311518036706	346	15	31
K1008F06	7311518036676	346	15	31
K1008M06	7311518036683	346	15	31
K1210C06	7311518036744	346	15	31
K1210F06	7311518036713	346	15	31
K1210M06	7311518036720	346	15	31
K153-102	7314151148034	350	52	95
K153-32	7314151148003	350	52	95
K153-48	7314151148010	350	52	95
K1612C06	7311518193973	346	15	31
K1612C08	7311518036782	346	15	31
K1612F06	7311518193966	346	15	31
K1612F08	7311518036751	346	15	31
K1612M06	7311518193959	346	15	31
K1612M08	7311518036768	346	15	31
K172	7314151149819	354	30	84
K18NF-2	7314151347161	350	50	98
K19PZD-2M5	7314151693237	350	50	98
K19PZD-2NF	7314151586157	350	50	98
K1CM50H-0.5-3.0	7314151615277	350	48	91
K1CM50H-0.5-4.0	7314151807757	350	48	91
K1CM50H-0.6-3.5	7314151807764	350	48	91
K1CM50H-0.6-4.5	7314151345341	350	48	91
K1CM50H-0.8-4.0	7314151807771	350	48	91
K1CM50H-0.8-5.5	7314151345365	350	48	91
K1CM50H-1.0-6.0	7314151345389	350	48	91
K1CM50H-1.2-6.5	7314151581787	350	48	91
K20TORX-T25	7314151825799	350	50	98
K253	7314151149994	350	52	95
K3C125H-2	7314151825744	350	48	92
K3C125H-3	7314151825751	350	48	92
K3C50H-1	7314151310066	350	48	92
K3C50H-2	7314151310073	350	48	92
K3C50H-3	7314151310080	350	48	92
K3CPZD125H-2	7314151825768	350	48	93
K3CPZD125H-3	7314151825775	350	48	93
K3CPZSDV50H-1	7314151668631	350	48	93
K3CPZSDV50H-2	7314151668716	350	48	93
K3CPZSDV50H-3	7314151668983	350	48	93
K560F-1	7314151825492	354	35	84
K560F-2	7314151825324	354	35	85
K560F-3	7314151825331	354	35	85
K560F-4	7314151825348	354	35	87
K560F-5	7314151825355	354	35	87
K560F-6	7314151825362	354	35	88
K560F-7	7314151825379	354	35	89
K560F-8	7314151825508	354	35	89
K560F-9	7314151846688	354	35	91
K6701M-10	7314151778149	354	30	84
K6701M-11	7314151778224	354	30	84
K6701M-12	7314151811891	354	30	84
K6701M-13	7314151778491	354	30	84
K6701M-14	7314151844172	354	30	84
K6701M-6	7314151813260	354	30	84
K6701M-7	7314151777920	354	30	84
K6701M-8	7314151778064	354	30	84
K6701M-9	7314151815110	354	30	84
K6726/S4	7311518276508	350	48	97
K6726-10	7314151848583	350	48	97

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K6726-8	7314151848576	350	48	97
K6728C-1	7314151210533	350	52	94
K6728C-2	7314151210540	350	52	94
K6729	7314151387389	350	52	94
K6964C	7314151215170	354	35	84
K7401M-10	7314151780128	354	30	84
K7401M-11	7314151780395	354	30	84
K7401M-12	7314151811907	354	30	84
K7401M-13	7314151780470	354	30	84
K7401M-14	7314151780555	354	30	84
K7401M-15	7314151812140	354	30	84
K7401M-16	7314151780630	354	30	84
K7401M-17	7314151780715	354	30	84
K7401M-18	7314151812157	354	30	84
K7401M-19	7314151812164	354	30	84
K7401M-20	7314151844271	354	30	84
K7401M-21	7314151845216	354	30	84
K7401M-22	7314151845223	354	30	84
K7401M-24	7314151844295	354	30	84
K7401M-7	7314151812126	354	30	84
K7401M-8	7314151780043	354	30	84
K7401M-9	7314151812133	354	30	84
K7406M-10	7314151844479	354	30	84
K7406M-13	7314151844486	354	30	84
K7406M-17	7314151844493	354	30	84
K7428C-1	7314151220624	350	52	94
K7428C-3	7314151220648	350	52	94
K7760C-1	7314151222369	354	35	84
K7760C-2	7314151222376	354	35	84
K7764D	7314151222475	354	35	86
K7767S	7314151222512	354	35	84
K7801M-10	7314151778576	354	30	85
K7801M-11	7314151778651	354	30	85
K7801M-12	7314151815790	354	30	85
K7801M-13	7314151778736	354	30	85
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K7801M-16	7314151779030	354	30	85
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K7801VM/S4	7314151799090	354	30	85
K7801VM-17	7314151781521	354	30	85
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K7801VM-22	7314151781873	354	30	85
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K7801Z-1.1/16	7314151844646	354	30	86
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K7801Z-1.1/8	7314151844653	354	30	86
K7801Z-1.3/8	7314150137688	354	30	86
K7801Z-1.5/16	7314150137671	354	30	86
K7801Z-1.7/16	7314150137695	354	30	86
K7801Z-1/2	7314151822620	354	30	86
K7801Z-11/16	7314151844592	354	30	86
K7801Z-13/16	7314151844608	354	30	86
K7801Z-15/16	7314151844622	354	30	86
K7801Z-3/4	7314151822668	354	30	86



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K7801Z-5/8	7314151844585	354	30	86
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K7801Z-9/16	7314151822637	354	30	86
K7806M/S4	7314151813222	354	30	85
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K7806M-13	7314151805944	354	30	85
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K7806M-17	7314151805951	354	30	85
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K7806Z-1.1/8	7314150137831	354	30	85
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K7806Z-1.5/16	7314150137855	354	30	85
K7806Z-1.7/16	7314150137879	354	30	85
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K7CM50-3	7314151137847	350	48	94
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K7CTORX-T10	7314151811822	350	48	93
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K8164C	7314151237523	354	35	84
K8164F	7314151237554	354	35	88
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K8901M-17	7314151803155	354	30	87
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K8901M-55	7314151846404	354	30	87
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K8901Z-1.3/4	7314151844844	354	30	87
K8901Z-1.3/8	7314151844806	354	30	87
K8901Z-1.5/16	7314151844790	354	30	87
K8901Z-1.5/8	7314151844837	354	30	87
K8901Z-1.7/16	7314151844813	354	30	87
K8901Z-13/16	7314151844226	354	30	87
K8901Z-15/16	7314151844745	354	30	87
K8901Z-2	7314150130306	354	30	87
K8901Z-2.1/16	7314150130313	354	30	87
K8901Z-2.1/4	7314150130344	354	30	87
K8901Z-2.3/16	7314150130337	354	30	87
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K8901Z-7/8	7314151844301	354	30	87
K8906M-17	7314151803056	354	30	87
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K8906M-22	7314151803070	354	30	87
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K8906M-32	7314151803124	354	30	87
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K8906Z-1.3/4	7314150130559	354	30	87
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K8906Z-3/4	7314150130399	354	30	87
K8906Z-7/8	7314150130412	354	30	87
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K8909ML-12	7314151232863	354	30	89
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K8909ML-17	7314151232887	354	30	89
K8960F-2	7314151268138	354	35	87
K8960F-3	7314151268145	354	35	87
K8964D	7314151268237	354	35	86
K8964G	7314151268268	354	35	89
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K9501M-22	7314151844882	354	30	88
K9501M-24	7314151802677	354	30	88
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K9501Z-1.1/16	7314150130634	354	30	88
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K9501Z-1.1/8	7314150130641	354	30	88
K9501Z-1.11/16	7314150130696	354	30	88
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K9501Z-1.3/8	7314150130672	354	30	88
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K9501Z-1.5/8	7314151844950	354	30	88
K9501Z-1.7/16	7314151844936	354	30	88
K9501Z-1.7/8	7314151844974	354	30	88
K9501Z-1.9/16	7314150130689	354	30	88
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K9501Z-2.1/4	7314150130764	354	30	88
K9501Z-2.1/8	7314150130740	354	30	88
K9501Z-2.3/16	7314150130757	354	30	88
K9501Z-2.3/4	7314150130832	354	30	88
K9501Z-2.5/16	7314150130771	354	30	88
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K9506M-24	7314151802530	354	30	88
K9506M-27	7314151802547	354	30	88
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K9506Z-1.13/16	7314150131808	354	30	89
K9506Z-1.3/16	7314150131716	354	30	89
K9506Z-1.5/8	7314150131785	354	30	89
K9506Z-1.7/16	7314150131754	354	30	89
K9506Z-1.7/8	7314150131815	354	30	89
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K9509ML-19	7314151618964	354	30	89
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K9560G-1	7314151285944	354	35	89
K9560G-2	7314151285951	354	35	89
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K9560G-4	7314150133970	354	35	89
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K9564F	7314151286026	354	35	88
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K9801Z-1.13/16	7314150132027	354	30	90
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K9801Z-1.3/4	7314150132010	354	30	90
K9801Z-1.3/8	7314150131952	354	30	90

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K9801Z-1.7/16	7314150131969	354	30	90
K9801Z-1.7/8	7314150132034	354	30	90
K9801Z-1.9/16	7314150131983	354	30	90
K9801Z-2	7314150132058	354	30	90
K9801Z-2.1/16	7314150132065	354	30	90
K9801Z-2.1/2	7314150132133	354	30	90
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K9801Z-2.3/4	7314150132171	354	30	90
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K9801Z-4.1/16	7314150132379	354	30	90
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K9806Z-1.7/16	7314150131167	354	30	90
K9806Z-2	7314150131204	354	30	90
K9806Z-2.1/16	7314150131211	354	30	90
K9806Z-2.1/2	7314150131273	354	30	90
K9806Z-2.1/4	7314150131235	354	30	90
K9806Z-2.11/16	7314150131303	354	30	90
K9806Z-2.13/16	7314150131327	354	30	90
K9806Z-2.15/16	7314150131341	354	30	90
K9806Z-2.3/16	7314150131228	354	30	90
K9806Z-2.3/4	7314150131310	354	30	90
K9806Z-2.3/8	7314150131259	354	30	90
K9806Z-2.5/16	7314150131242	354	30	90
K9806Z-2.5/8	7314150131297	354	30	90
K9806Z-2.7/16	7314150131266	354	30	90



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K9806Z-2.7/8	7314150131334	354	30	90
K9806Z-2.9/16	7314150131280	354	30	90
K9806Z-3	7314150131358	354	30	90
K9806Z-3.1/16	7314150131365	354	30	90
K9806Z-3.1/2	7314150131433	354	30	90
K9806Z-3.1/4	7314150131396	354	30	90
K9806Z-3.1/8	7314150131372	354	30	90
K9806Z-3.11/16	7314150131464	354	30	90
K9806Z-3.13/16	7314150131488	354	30	90
K9806Z-3.15/16	7314150131501	354	30	90
K9806Z-3.3/16	7314150131389	354	30	90
K9806Z-3.3/4	7314150131471	354	30	90
K9806Z-3.3/8	7314150131419	354	30	90
K9806Z-3.5/16	7314150131402	354	30	90
K9806Z-3.5/8	7314150131457	354	30	90
K9806Z-3.7/16	7314150131426	354	30	90
K9806Z-3.7/8	7314150131495	354	30	90
K9806Z-3.9/16	7314150131440	354	30	90
K9806Z-4	7314150131518	354	30	90
K9806Z-4.1/16	7314150131525	354	30	90
K9806Z-4.1/2	7314150131570	354	30	90
K9806Z-4.1/4	7314150131549	354	30	90
K9806Z-4.1/8	7314150131532	354	30	90
K9806Z-4.3/4	7314150131594	354	30	90
K9806Z-4.3/8	7314150131563	354	30	90
K9806Z-4.5/16	7314150131556	354	30	90
K9806Z-4.5/8	7314150131587	354	30	90
K9860H-1	7314150133994	354	35	90
K9860H-2	7314150134007	354	35	90
K9860H-3	7314150134014	354	35	90
K9867S	7314150133932	354	35	90
K9895G	7314150133949	340	96	89
K9899H	7314150166763	354	35	90
K9998H	7314150133963	354	35	90
K-AP-1	7311518030117	334	13	263
K-AP-1-E	7311518277789	334	13	263
K-GP-1	7311518030131	334	13	263
KM153-48	7314151148089	350	52	95
KM153-76	7314151148096	350	52	95
KM153MS-48	7314151824617	350	52	95
KM653	7314151786915	350	52	95
KM653-1P	7314151840709	350	52	95
KM653-QR	7314150115983	350	52	95
KM653-QR-1P	7314151848507	350	52	95
KM653QR-BOX/S25	7314151849146	350	52	95
KM6701M-10	7314151844264	354	30	84
KM6701M-7	7314151844240	354	30	84
KM6701M-8	7314151844257	354	30	84
KM6726-10	7314151848538	350	48	97
KM6726-12	7314151848545	350	48	97
KM6726-14	7314151848552	350	48	97
KM6726-8	7314151848521	350	48	97
KT7806M-24	7314151847715	354	30	85
L1020C06	7311518182113	346	15	31
L1020F06	7311518182106	346	15	31
L1020M06	7311518133665	346	15	31
L1020M06X	7311518136369	346	15	31
L1225F06	7311518192860	346	15	31
L1225M06	7311518132774	346	15	31
L1225M06X	7311518136857	346	15	31
L1230AL06	7311518187668	346	15	32
L1230AL08	7311518181871	346	15	32
L1230C06	7311518182120	346	15	31
L1230F06	7311518182137	346	15	31
L1230M06	7311518182168	346	15	31
L1230M06X	7311518182175	346	15	31
L1630C06	7311518192938	346	15	31
L1630C08	7311518182144	346	15	31
L1630F06	7311518192921	346	15	31
L1630F08	7311518182151	346	15	31
L1630M06	7311518192914	346	15	31
L1630M06X	7311518187446	346	15	31
L1630M08	7311518182205	346	15	31
L1630M08X	7311518136833	346	15	31
LOCKING-B	7311518222406	352	30	260
LOCKING-S	7311518222390	352	30	260
LS-6060-23	7311518041311	352	35	266
LS-6160-23	7311518041304	352	35	266
LS-COIN 19 CM	7311518031077	326	15	266
LS-COIN 24 CM	7311518031084	326	15	266

LS-COMBINESS	7311518041366	352	35	266
LS-MASSE-4	7311518012014	326	15	265
LS-MASSE-4FG	7311518275891	326	15	265
LS-MASSE-TR-4FG	7311518281106	326	15	266
LS-MERLIN-2.5	7311518012069	326	15	265
LS-MERLIN-2.5FG	7311518281113	326	15	265
LS-NATURAL	7311518224622	352	35	266
LS-PIERRE CORINDON	7311518009977	352	35	266
LS-PIERRE-FAUX	7311518009038	352	35	266
LS-TRIANGLE	7311518224653	352	35	266
LTB-10	7314150120048	336	15	242
LTB-10-E	7314150120055	336	15	242
LTB-20	7314150120062	336	15	242
LTB-20-E	7314150120079	336	15	242
LTB-30	7314150120086	336	15	242
LTB-30-E	7314150120093	336	15	242
LTG-10	7314150119981	336	15	242
LTG-10-E	7314150119998	336	15	242
LTG-20	7314150120000	336	15	242
LTG-20-E	7314150120017	336	15	242
LTG-30	7314150120024	336	15	242
LTG-30-E	7314150120031	336	15	242
LTS-100	7314150120147	336	15	242
LTS-100-E	7314150120154	336	15	242
LTS-30	7314150120109	336	15	242
LTS-30-E	7314150120116	336	15	242
LTS-50	7314150120123	336	15	242
LTS-50-E	7314150120130	336	15	242
M0310C03	7311518036812	346	15	31
M0310F03	7311518036799	346	15	31
M0310M03	7311518036805	346	15	31
M0310M03X	7311518197063	346	15	31
M0613M03X	7311518196622	346	15	31
M0618C06	7311518036867	346	15	31
M0618F06	7311518036829	346	15	31
M0618M06	7311518036836	346	15	31
M0618M06X	7311518036850	346	15	31
M1022C06	7311518036911	346	15	31
M1022F06	7311518036874	346	15	31
M1022M06	7311518036881	346	15	31
M1022M06D	7311518210762	346	15	31
M1022M06X	7311518036904	346	15	31
M1227C06	7311518036966	346	15	31
M1227C08	7311518192983	346	15	31
M1227F06	7311518036935	346	15	31
M1227F08	7311518036973	346	15	31
M1227M06	7311518036928	346	15	31
M1227M06X	7311518036959	346	15	31
M1227M08	7311518036980	346	15	31
M1227M08X	7311518192990	346	15	31
M126	7311518160920	340	70	142
M1630C06	7311518193034	346	15	31
M1630C08	7311518037093	346	15	31
M1630F06	7311518193027	346	15	31
M1630F08	7311518037055	346	15	31
M1630M06	7311518193010	346	15	31
M1630M06X	7311518187453	346	15	31
M1630M08	7311518037062	346	15	31
M1630M08X	7311518037086	346	15	31
M6376	7311518196486	340	70	143
M6376-SH	7311518199296	340	70	143
M676	7311518161088	340	70	143
M676-SH	7311518211875	340	70	143
M730	7311518160968	340	70	142
M780	7314151826215	350	46	119
M781	7314153016218	350	46	119
M926	7311518161071	340	70	143
M926-SH	7314150107537	340	70	143
MA225	7311518161057	340	70	141
MA225L	7311518161033	340	70	141
MA225R	7311518161040	340	70	141
MA311	7314150181568	340	70	141
MA321	7314150181551	340	70	141
MA325	7311518161064	340	70	142
MA351	7314150181582	340	70	142
MA361	7314150181575	340	70	142
MA401	7314150167593	340	70	141
MA411	7314150167609	340	70	141
MA421	7314150167616	340	70	141
MA431	7314150181544	340	70	141

MA500-1	7314150112395	360	25	81
MA500-2	7314150112401	360	25	81
MA500-3	7314150112418	360	25	81
MCP-2.5-810	7311518124052	326	15	265
MES-3.0-900	7311518123864	326	15	265
MES-3.5-900	7311518123871	326	15	265
MES-3.5-900FG	7311518281120	326	15	265
MIX-H/T15/10	7314150136827	358	10	193
MIX-H/T15/E	7314150137244	356	10	193
MR126	7311518161019	340	70	142
MR227L	7311518161002	340	70	142
MR227R	7311518160999	340	70	142
MR340	7311518197537	340	70	142
MR726	7311518161026	340	70	142
MSR/T6/4	7314150136872	336	20	193
MSR/T6/E	7314150137282	356	10	193
MTB-3-16	7314150119066	336	15	242
MTB-3-16-E	7314150119134	336	15	242
MTB-3-16-M	7314150119073	336	15	242
MTB-3-16-M-E	7314150119141	336	15	242
MTB-5-25	7314150119080	336	15	242
MTB-5-25-C1	7314150119127	336	15	242
MTB-5-25-E	7314150119172	336	15	242
MTB-5-25-M	7314150119097	336	15	242
MTB-5-25-M-E	7314150119158	336	15	242
MTB-8-25	7314150125418	336	15	242
MTB-8-25-E	7314150119202	336	15	242
MTB-8-25-M	7314150127078	336	15	242
MTG-3-16	7314150118984	336	15	242
MTG-3-16-E	7314150119028	336	15	242
MTG-5-19	7314150118991	336	15	242
MTG-5-19-E	7314150119035	336	15	242
MTS-5-25	7314150119233	336	15	242
MTS-5-25-E	7314150119271	336	15	242
MTS-8-25	7314150119257	336	15	242
MTS-8-25-E	7314150119295	336	15	242
MW-150	7314150125685	336	15	243
MW-250	7314150125678	336	15	243
N0306C03	7311518193065	346	15	31
N0306F03	7311518193058	346	15	31
N0306M03	7311518182212	346	15	31
N0306M03E	7311518182229	346	15	31
N0607C06	7311518193089	346	15	31
N0607F06	7311518193072	346	15	31
N0607M06	7311518182236	346	15	31
N0607M06E	7311518182243	346	15	31
N1213C06	7311518193102	346	15	31
N1213F06	7311518193096	346	15	31
N1213M06	7311518134570	346	15	31
N1213M06E	7311518182250	346	15	31
N1213M06X	7311518237172	346	15	31
N1613C06	7311518193133	346	15	31
N1613C08	7311518193157	346	15	31
N1613F06	7311518193126	346	15	31
N1613F08	7311518193140	346	15	31
N1613M06	7311518136000	346	15	31
N1613M06E	7311518193119	346	15	31
N1613M06X	7311518204525	346	15	31
N1613M08	7311518182267	346	15	31
N1613M08E	7311518182274	346	15	31
NP-12-COM	7311518264277	330	10	235
NP-12-TEN	7311518263959	330	10	235
NP-12-VEN	7311518264260	330	10	235
NP-16-U7/8-HP	7311518241773	330	10	235
NP-19-U7/8-HP	7311518241452	330	10	235
NP-22-U7/8-HP	7311518034399	330	10	235
NP-CONC	7311518264918	330	10	235
NP-CONC-17/34	7311518264925	330	10	235
P108-20-F	7311518275518	352	10	253
P108-23-F	7311518275525	352	10	253
P11	7311518009076	334	10	263
P110-20-F	7311518275532	352	10	253
P110-23-F	7311518275549	352	10	253
P114-SL-40	7311518301149	352	15	256
P114-SL-50	7311518301156	352	15	256
P114-SL-60	7311518301163	352	15	256
P116-SL-40	7311518301101	352	15	256
P116-SL-50	7311518301118	352	15	256
P116-SL-60	7311518301125	352	15	256
P116-SL-70	7311518301132	352	15	256

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P121-18-F	7311518275662	352	10	253
P121-20-F	7311518275631	352	10	253
P121-23-F	7311518275648	352	10	253
P123-19-BULK15	7311518226251	352	10	256
P123-19-BULK30	7311518218218	352	10	256
P123-19-BULK56	7311518240202	352	10	256
P126-19-F	7311518275297	352	10	253
P126-22-F	7311518275303	352	10	253
P127-19-BULK30	7311518199333	352	10	256
P128-19	7311518160814	352	10	256
P128-19-BULK30	7311518172329	352	10	256
P129-19-BULK30	7311518172336	352	10	256
P140-F	7311518275372	352	15	257
P160-SL-60	7311518301170	352	15	257
P160-SL-75	7311518301187	352	15	257
P160-SL-90	7311518301194	352	15	257
P16-60-F	7311518276461	352	15	257
P172-SL-85	7311518301200	352	15	257
P19-80-F	7311518275365	352	15	257
P20	7311518009281	334	10	263
P241	7311518008956	320	10	264
P262	7311518299286	320	10	263
P263	7311518299262	320	10	264
P264	7311518299279	320	10	264
P266	7311518299293	320	10	264
P267	7311518299309	320	10	264
P268	7311518299316	320	10	264
P269	7311518299323	320	10	264
P270	7311518299330	320	10	264
P272	7311518299354	320	10	264
P274	7311518299347	320	10	264
P276	7311518299361	320	10	264
P277	7311518299378	320	10	264
P278	7311518299385	320	10	264
P280-SL-80	7311518301330	352	15	257
P3-20-F	7311518275259	352	10	253
P3-23-F	7311518275266	352	10	253
P34-27A	7311518002770	352	30	260
P34-27A-F	7311518275464	352	30	260
P34-37	7311518002787	352	30	260
P51-F	7311518275426	352	20	262
P51H-SL	7311518301224	352	20	261
P51-SL	7311518301217	352	20	261
P5-20-F	7311518275273	352	10	253
P5-23-F	7311518275280	352	10	253
P54H-SL-20	7311518301262	352	20	261
P54H-SL-25	7311518301255	352	20	261
P54-SL-20	7311518301248	352	20	261
P54-SL-25	7311518301231	352	20	261
P59-25-F	7311518275655	352	20	262
P6160	7314150115075	340	65	213
P64-20-BULK12	7311518288204	352	10	253
P74	7311518124076	352	25	263
P75	7311518124083	352	25	263
PAGS-2.0-900FG	7311518292355	320	20	266
PC-10-DTF	7311518263560	330	10	234
PC-10-DTL	7311518263553	330	10	234
PC-10-DTR	7311518263546	330	10	234
PC-11-19-PS	7311518285548	330	10	234
PC-11-19-PS-B	7311518285555	330	10	234
PC-12-14-PS	7311518285562	330	10	234
PC-12-14-PS-B	7311518285579	330	10	234
PC-12-COM	7311518263454	330	10	233
PC-12-TEN	7311518263447	330	10	233
PC-12-VEN	7311518263430	330	10	233
PC-15-GNP	7311518264307	330	10	234
PC-15-TBX	7311518263423	330	10	233
PC-16-DECO	7311518264987	330	10	234
PC-16-FILE-U7	7311518263461	330	10	233
PC-19-FILE-U7	7311518263478	330	10	233
PC-19-GT7	7311518263362	330	10	233
PC-19-GT9	7311518263379	330	10	233
PC-20-LAM	7311518258290	330	10	234
PC-20-PRC	7311518264291	330	10	234
PC-22-FILE-U7	7311518263485	330	10	233
PC-22-GT7	7311518263393	330	10	233
PC-22-GT9	7311518263409	330	10	233
PC-22-INS	7314150154500	330	10	235
PC-22-INS-10P	7311518324636	330	10	235
PC-22-INS-24P	7311518326937	330	10	235



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PC-24-FILE-U7	7311518263492	330	10	233
PC-24-PLS	7311518263508	330	10	234
PC-24-TIM	7311518263515	330	10	234
PC-6-DRY	7311518282004	330	10	234
PC-9-9/17-PS	7311518285586	330	10	234
PC-9-9/17-PS-B	7311518285593	330	10	234
PCP-19-GT7	7311518263317	330	10	233
PCP-19-GT9	7311518263324	330	10	233
PCP-22-GT7	7311518263331	330	10	233
PCP-22-GT9	7311518263348	330	10	233
PG-03-L	7311518242855	352	10	253
PG-10-F	7311518275327	352	10	253
PG-17-F	7311518324629	352	15	257
PG-18-45-F	7311518299033	352	15	257
PG-18-60-F	7311518288853	352	15	257
PG-18-75-F	7311518288877	352	15	257
PG-19-F	7311518295936	352	15	257
PG-20-60-F	7311518275419	352	15	257
PG-20-F	7311518275396	352	15	257
PG-51-F	7311518275440	352	20	262
PG-56-F	7311518288938	352	20	262
PG-57-F	7311518295943	352	20	262
PG-62	7311518275471	334	10	263
PG-72	7311518242534	330	20	259
PG-L2-F	7311518269746	352	10	253
PG-M2-F	7311518269715	352	10	253
PG-R-M2-F	7311518269722	352	10	253
PG-S1-F	7311518327743	352	30	253
PG-S2-F	7311518269692	352	10	253
PH-6604-1P	7311518152819	324	10	29
PH-6604-25	7311518141134	324	10	29
PROF-H	7311518158439	356	30	267
PROF-K	7311518218256	356	30	267
PROF-LOPP	7311518288549	356	30	267
PROF-PH	7311518243548	356	30	267
PROF-SEC	7311518288532	356	30	267
PS501-2	7314150112432	360	25	81
PTB101440	7314150140749	356	15	197
PTB102390	7314150140756	356	15	198
PTB103390	7314150140763	356	15	198
PTB105490	7314150167579	356	15	197
PTB105550	7314150140787	356	15	197
PTB201390	7314150140794	356	15	197
PTB201420	7314150140800	356	15	197
PTB202510	7314150140817	356	15	197
PTB2025102	7314150140824	356	15	197
PTB202660	7314150140831	356	15	197
PTB2026602	7314150140848	356	15	197
PTB252560	7314150140855	356	15	197
PTB253580	7314150140862	356	15	197
PTB303440	7314150140879	356	15	197
PTB401165-6	7314150154630	356	15	198
PTB402105	7314150167548	356	15	198
PTB402210-6	7314150154647	356	15	198
PTB402275-19	7314150154654	356	15	198
PTB402280-18	7314150167517	356	15	198
PTB402280-6	7314150167531	356	15	198
PTB402355-24	7314150154661	356	15	198
PTB402355-30	7314150154678	356	15	198
PTB402380-12	7314150167524	356	15	198
PX-L2	7311518233853	352	10	252
PX-L3	7311518233860	352	10	252
PX-M1	7311518233815	352	10	252
PX-M2	7311518233822	352	10	252
PX-M2-L	7311518240714	352	10	252
PX-M3	7311518233839	352	10	252
PXR-L2	7311518233914	352	10	252
PXR-M1	7311518233877	352	10	252
PXR-M2	7311518233884	352	10	252
PXR-M2-L	7311518240738	352	10	252
PXR-M3	7311518233891	352	10	252
PXR-S1	7311518240677	352	10	252
PXR-S2	7311518240684	352	10	252
PX-S1	7311518233785	352	10	252
PX-S2	7311518233792	352	10	252
QCB-1250	7314150135981	318	10	244
QCB-150	7314150135912	318	10	244
QCB-300	7314150135936	318	10	244
QCB-450	7314150135950	318	10	244
QCB-600	7314150135967	318	10	244



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QCB-900	7314150135974	318	10	244
QCG-150	7314150135899	318	10	244
QCG-300	7314150135905	318	10	244
QC-PAD-M	7314150136025	318	10	244
QC-PAD-S	7314150136032	318	10	244
QCS-150	7314150135998	318	15	244
QCS-300	7314150136001	318	10	244
R1068	7311518044398	352	10	254
R1069P	7311518219574	352	10	254
R1071	7311518222918	352	10	256
R1075-BULK50	7311518220495	352	10	256
R1080P	7311518282479	352	10	254
R112PG	7311518010058	352	10	254
R113PG	7311518044374	352	10	254
R114PG	7311518010065	352	10	254
R114V	7311518042660	352	15	257
R114V-BULK28	7311518177539	352	15	257
R115V	7311518243210	352	15	257
R115V-BULK14	7311518288341	352	15	257
R116V	7311518010164	352	15	257
R116V-BULK36	7311518159924	352	15	257
R116VP	7311518042721	352	15	257
R119V	7311518029487	352	15	257
R122PG	7311518010072	352	10	254
R123PG	7311518044381	352	10	254
R123PG	7311518044381	352	10	260
R124PG	7311518010089	352	10	254
R124PG	7311518010089	352	10	260
R1269P-BULK50	7311518240820	352	10	252
R127E	7311518011567	352	30	260
R137E	7311518011574	352	30	260
R141P	7311518288235	352	10	254
R142P	7311518010126	352	10	254
R142P	7311518010126	352	10	260
R143PV	7311518010133	352	15	258
R143PV-BULK50	7311518240837	352	15	258
R143PVCB	7311518255633	352	15	258
R144PV	7311518291075	352	15	258
R146VC	7311518046545	352	20	262
R146VS	7311518046538	352	15	258
R146VS-BULK50	7311518159955	352	15	258
R147V	7311518044909	352	20	262
R148V	7311518223922	352	10	254
R149PV	7311518296049	352	15	258
R150PV	7311518296032	352	20	262
R156H	7311518223915	352	10	254
R1601	7311518044640	352	10	254
R160A	7311518201821	352	15	257
R16V	7311518254513	352	15	257
R16V-BULK14	7311518288334	352	15	257
R171P	7311518226534	352	10	254
R172A	7311518235413	352	15	257
R180V	7311518042677	352	15	257
R181P	7311518296087	352	15	258
R18V	7311518291068	352	15	258
R201P	7311518219536	352	10	254
R201P-BULK80	7311518225209	352	10	254
R202P	7311518219550	352	10	254
R211P	7311518234027	352	10	252
R211P-BULK80	7311518252212	352	10	252
R214SL	7311518301392	352	15	258
R214V	7311518042745	352	15	258
R214V-BULK28	7311518177553	352	15	258
R215V	7311518243227	352	15	258
R215V-BULK14	7311518288310	352	15	258
R216SL	7311518301408	352	15	258
R221P	7311518229412	352	10	253
R221P-BULK50	7311518240653	352	10	253
R223P	7311518237554	352	10	254
R223P-BULK80	7311518240646	352	10	254
R234PG	7311518296070	352	30	260
R239P	7311518219567	352	10	254
R260A	7311518201814	352	15	258
R26V	7311518254520	352	15	258
R26V-BULK12	7311518288327	352	15	258
R271P	7311518226541	352	10	254
R272H	7311518258016	352	15	258
R300P	7311518234034	352	10	252
R303P	7311518234157	352	10	252
R310-0	7314151829797	366	15	41



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R310-1	7314151829803	366	15	41
R310-2	7314151829810	366	15	41
R310-3	7314151829827	366	15	41
R312V	7311518235420	352	15	258
R315V	7311518243234	352	15	258
R318V	7311518029500	352	15	258
R328V	7311518296056	352	15	258
R337E	7311518011598	352	30	260
R341P	7311518011529	352	10	254
R372H	7311518235406	352	15	258
R380A	7311518000066	352	15	257
R403P	7311518234164	352	10	252
R415V	7311518243241	352	15	258
R419V	7311518042936	352	15	258
R427AE	7311518176068	352	30	260
R427E	7311518011604	352	30	260
R430V	7311518243265	352	15	258
R430V	7311518243265	352	15	258
R430V	7311518243265	352	15	262
R434P	7311518223885	352	10	254
R434P-BULK50	7311518169916	352	10	254
R435P	7311518223892	352	10	254
R437E	7311518011611	352	30	260
R438P	7311518229429	352	10	254
R438P-BULK50	7311518240660	352	10	254
R440V	7311518254544	352	15	258
R440V	7311518254544	352	15	262
R444V	7311518243340	352	20	258
R444V	7311518243340	352	20	262
R4470	7314151804619	312	35	150
R4474	7314151504953	391	40	149
R449H	7311518141400	352	10	254
R463P	7311518223908	352	10	254
R474P	7311518011536	352	10	254
R478P	7311518275600	352	10	254
R480P	7311518282486	352	10	254
R500P	7311518234041	352	10	252
R503P	7311518234171	352	10	252
R515VS	7311518046514	352	15	258
R516V	7311518200824	352	15	258
R516V	7311518200824	352	15	262
R519V	7311518029517	352	15	258
R56V	7311518296063	352	20	262
R600P	7311518240783	352	10	252
R603P	7311518240790	352	10	252
R615V	7311518010119	352	15	258
R619V	7311518029494	352	15	258
R660V	7311518210281	352	15	258
R6725MK	7314151088354	354	25	149
R6725ZK	7314151784898	354	25	149
R6740M-T	7314151088484	356	30	150
R6765	7314151088521	356	25	150
R680V	7311518042752	352	15	258
R6950	7314151089658	354	20	149
R716VCB	7311518255497	352	15	258
R772V	7311518301385	352	15	258
R773V	7311518324414	352	15	258
R801P	7311518234126	352	10	252
R802P	7311518234133	352	10	252
R803P	7311518234140	352	10	252
R804P	7311518240806	352	10	252
R811P	7311518234058	352	10	252
R812P	7311518234065	352	10	252
R813P	7311518234072	352	10	252
R815P	7311518240752	352	10	252
R900P	7311518234188	352	10	252
R901P	7311518234195	352	10	252
R902P	7311518234201	352	10	252
R903P	7311518234218	352	10	252
R904P	7311518234225	352	10	252
R905P	7311518234232	352	10	253
R905P-BULK50	7311518252250	352	10	253
R906P	7311518234249	352	10	253
R907P	7311518234256	352	10	253
RAIL-187	7314153003621	354	15	56
RAIL-187	7314153003621	354	15	62
RAIL-187	7314153003621	354	15	69
RAIL-264	7314153003638	354	15	56
RAIL-264	7314153003638	354	15	62
RAIL-264	7314153003638	354	15	69

RAIL-340 - SB816-2-25



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RAIL-340	7314153003645	354	15	56
RAIL-340	7314153003645	354	15	62
RAIL-340	7314153003645	354	15	69
RECIP-SET-10	7311518236441	346	35	15
RECIP-SET-5	7311518236434	346	35	15
RESIN-X	7311518222215	352	35	267
RT821P	7311518242237	352	10	252
RT822P	7311518234102	352	10	252
RT823P	7311518234119	352	10	252
RT824P	7311518240776	352	10	252
RX 01	7314150103263	340	10	210
RX 7490	7314150103195	340	10	211
RX 7590	7314150103201	340	10	211
RX 7890	7314150103218	340	10	211
RX 7891	7314150103225	340	10	211
RX 7892	7314150103232	340	10	211
RX 7893	7314150103249	340	10	211
RX 8130	7314150103003	340	10	210
RX 8131	7314150103010	340	10	210
RX 8132	7314150103027	340	10	210
RX 8140	7314150103034	340	10	210
RX 8141	7314150103041	340	10	210
RX 8142	7314150103058	340	10	210
RX 8143	7314150103065	340	10	210
RX 8144	7314150103072	340	10	210
RX 8145	7314150103089	340	10	210
RX 8146	7314150103096	340	10	210
RX 8147	7314150103102	340	10	210
RX 8148	7314150103119	340	10	210
RX 8149	7314150103126	340	10	210
RX 8150	7314150103133	340	10	210
RX 8151	7314150103140	340	10	210
RX 8152	7314150103157	340	10	210
RX 8160	7314150111534	340	10	210
RX 8161	7314150111541	340	10	210
RX 8162	7314150111558	340	10	210
RX 8211	7314150103188	340	10	210
RX 8247	7314150103164	340	10	210
RX 8248	7314150103171	340	10	210
RX8233	7314150113521	340	10	210
RX8234	7314150113538	340	10	210
RX8237	7314150113545	340	10	210
S10/SH11	7314153013408	366	10	38
S10/SH6	7314153013309	366	10	38
S106	7314150103997	354	25	75
S108	7314150122257	354	25	75
S140T	7314150125203	354	10	75
S140T-R	7314150136353	354	10	75
S160	7314150104031	354	25	74
S160AF	7314150137510	354	25	74
S160-CASE	7314150136209	354	25	76
S20/SH12	7314153013378	366	10	44
S20/SH6	7314153013316	366	10	44
S240	7314150104017	354	25	74
S240AF	7314150111077	354	25	74
S240-CASE	7314150136216	354	25	76
S290	7314153000859	354	25	74
S290-CASE	7314150126385	354	20	76
S330	7314150104024	354	25	74
S330AF	7314150137503	354	25	74
S330-CASE	7314150136223	354	25	76
S350AF	7314150137527	354	25	75
S400	7314150111053	354	25	74
S410	7314153019370	354	25	75
S460	7314150111060	354	25	74
S4RM/3T	7314150117406	366	25	41
S530T	7314150169122	354	10	75
S560	7314150122264	354	25	75
S80/17	7314153013187	354	25	70
S80/6	7314153013163	354	25	70
S80/8	7314153013170	354	25	70
S87+7	7314150103980	354	25	75
S87+7-CASE	7314150126392	354	25	76
S910	7314150104000	354	25	75
S910AF	7314150137541	354	25	75
S910-CASE	7314150137961	354	25	76
SAP-X	7311518225728	352	35	267
SB111M-10	7314151839864	366	10	43
SB111M-11	7314151839871	366	10	43
SB111M-12	7314151839888	366	10	43



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SB111M-13	7314151839895	366	10	43
SB111M-14	7314151839901	366	10	43
SB111M-15	7314151839918	366	10	43
SB111M-16	7314151839925	366	10	43
SB111M-17	7314151839932	366	10	43
SB111M-18	7314151839949	366	10	43
SB111M-19	7314151839956	366	10	43
SB111M-20	7314151839963	366	10	43
SB111M-21	7314151839970	366	10	43
SB111M-22	7314151839987	366	10	43
SB111M-23	7314151839994	366	10	43
SB111M-24	7314151840006	366	10	43
SB111M-25	7314151840013	366	10	43
SB111M-26	7314151840020	366	10	43
SB111M-27	7314151840037	366	10	43
SB111M-30	7314151840068	366	10	43
SB111M-6	7314151839826	366	10	43
SB111M-7	7314151839833	366	10	43
SB111M-8	7314151839840	366	10	43
SB111M-9	7314151839857	366	10	43
SB1952M-10	7314150105205	366	10	44
SB1952M-12	7314150105229	366	10	44
SB1952M-13	7314150105236	366	10	44
SB1952M-14	7314150105243	366	10	44
SB1952M-17	7314150105274	366	10	44
SB1952M-19	7314150105298	366	10	44
SB1952M-24	7314150105342	366	10	44
SB1952M-7	7314150105441	366	10	44
SB1952M-8	7314150105458	366	10	44
SB-2058/S26	7314151849498	350	48	97
SB-2448	7314150136056	334	10	241
SB27M-10-11	7314150180851	366	15	42
SB27M-12-13	7314150180868	366	15	42
SB27M-14-15	7314150180875	366	15	42
SB27M-16-17	7314150180882	366	15	42
SB27M-18-19	7314150180899	366	15	42
SB27M-20-22	7314150180905	366	15	42
SB27M-21-23	7314150180912	366	15	42
SB27M-24-26	7314150180929	366	15	42
SB27M-6-7	7314150180837	366	15	42
SB27M-8-9	7314150180844	366	15	42
SB2M-10-11	7314150105472	366	10	39
SB2M-12-13	7314150105496	366	10	39
SB2M-14-15	7314150105533	366	10	39
SB2M-16-17	7314150105557	366	10	39
SB2M-17-19	7314150105571	366	10	39
SB2M-18-19	7314150105588	366	10	39
SB2M-20-22	7314150105625	366	10	39
SB2M-21-23	7314150105632	366	10	39
SB2M-24-26	7314150105663	366	10	39
SB2M-24-27	7314150105670	366	10	39
SB2M-30-32	7314150105724	366	10	39
SB2M-6-7	7314150105144	366	10	39
SB2M-8-9	7314150105168	366	10	39
SB-3732-2.5-125	7314151847876	358	15	183
SB-3732-2-125	7314151847869	358	15	183
SB-3732-3.2-125	7314151847883	358	15	183
SB-3732-4-125	7314151847890	358	15	183
SB-3734N-10-150	7314151848101	358	15	183
SB-3734N-2-150	7314151847968	358	15	183
SB-3734N-3-150	7314151847975	358	15	183
SB-3734N-4-150	7314151847982	358	15	183
SB-3734N-5-150	7314151847999	358	15	183
SB-3734N-6-150	7314151848071	358	15	183
SB-3734N-7-150	7314151848088	358	15	183
SB-3734N-8-150	7314151848095	358	15	183
SB-3735N-2-100	7314151847906	358	15	182
SB-3735N-4-120	7314151847913	358	15	182
SB-3735N-5-120	7314151847920	358	15	182
SB-3735N-6-150	7314151847937	358	15	182
SB-3735N-8-150	7314151847944	358	15	182
SB-3740-125	7314150115990	358	15	182
SB-3740-150	7314150116003	358	15	182
SB-3740-175	7314150116010	358	15	182
SB-3740-200	7314150116027	358	15	182
SB-3740-250	7314150116034	358	15	182
SB-3740-300	7314150116041	358	15	182
SB-59/S15-1	7314151849078	350	48	96
SB-59/S15-2	7314151849085	350	48	96
SB-59/S15-3	7314151849092	350	48	96



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SB-59/S15-4	7314151849108	350	48	96
SB6700SM-10	7314150104383	354	10	52
SB6700SM-11	7314150104390	354	10	52
SB6700SM-12	7314150104406	354	10	52
SB6700SM-13	7314150104413	354	10	52
SB6700SM-14	7314150104420	354	10	52
SB6700SM-4	7314150104307	354	10	52
SB6700SM-4.5	7314150104314	354	10	52
SB6700SM-5	7314150104321	354	10	52
SB6700SM-5.5	7314150104338	354	10	52
SB6700SM-6	7314150104345	354	10	52
SB6700SM-7	7314150104352	354	10	52
SB6700SM-8	7314150104369	354	10	52
SB6700SM-9	7314150104376	354	10	52
SB6950	7314150104987	354	20	54
SB6950RN	7314150104994	354	20	54
SB6960	7314150104925	354	15	55
SB6961	7314150104932	354	15	55
SB6962	7314150104949	354	15	55
SB6M-10-11	7314150105731	366	10	37
SB6M-12-13	7314150105762	366	10	37
SB6M-14-15	7314150105823	366	10	37
SB6M-16-17	7314150105847	366	10	37
SB6M-18-19	7314150105878	366	10	37
SB6M-20-22	7314150105915	366	10	37
SB6M-21-23	7314150105922	366	10	37
SB6M-22-24	7314150105946	366	10	37
SB6M-24-26	7314150105953	366	10	37
SB6M-24-27	7314150105960	366	10	37
SB6M-30-32	7314150106011	366	10	37
SB6M-4-5	7314150106042	366	10	37
SB6M-6-7	7314150106073	366	10	37
SB6M-8-9	7314150106103	366	10	37
SB7755-3/8	73141530010100	354	20	60
SB7760	7314153003980	354	15	61
SB7762	7314153004000	354	15	61
SB7800DM-10	7314150104451	354	10	64
SB7800DM-11	7314150104468	354	10	64
SB7800DM-12	7314150104475	354	10	64
SB7800DM-13	7314150104482	354	10	64
SB7800DM-14	7314150104499	354	10	64
SB7800DM-15	7314150104505	354	10	64
SB7800DM-16	7314150104512	354	10	64
SB7800DM-17	7314150104529	354	10	64
SB7800DM-18	7314150104536	354	10	64
SB7800DM-19	7314150104543	354	10	64
SB7800DM-20	7314150104550	354	10	64
SB7800DM-21	7314150104567	354	10	64
SB7800DM-22	7314150104574	354	10	64
SB7800DM-23	7314150104581	354	10	64
SB7800DM-24	7314150104598	354	10	64
SB7800DM-25	7314150104604	354	10	64
SB7800DM-26	7314150104611	354	10	64
SB7800DM-27	7314150104628	354	10	64
SB7800DM-28	7314150104635	354	10	64
SB7800DM-29	7314150104642	354	10	64
SB7800DM-30	7314150104659	354	10	64
SB7800DM-32	7314150104666	354	10	64
SB7800DM-36	7314150104673	354	10	64
SB7800DM-8	7314150104437	354	10	64
SB7800DM-9	7314150104444	354	10	64
SB7800SM-10	7314150104703	354	10	63
SB7800SM-11	7314150104710	354	10	63
SB7800SM-12	7314150104727	354	10	63
SB7800SM-13	7314150104734	354	10	63
SB7800SM-14	7314150104741	354	10	63
SB7800SM-15	7314150104758	354	10	63
SB7800SM-16	7314150104765	354	10	63
SB7800SM-17	7314150104772	354	10	63
SB7800SM-18	7314150104789	354	10	63
SB7800SM-19	7314150104796	354	10	63
SB7800SM-21	7314150104819	354	10	63
SB7800SM-22	7314150104826	354	10	63
SB7800SM-23	7314150104833	354	10	63
SB7800SM-24	7314150104840	354	10	63
SB7800SM-25	7314150104857	354	10	63
SB7800SM-26	7314150104864	354	10	63
SB7800SM-27	7314150104871	354	10	63
SB7800SM-28	7314150104888	354	10	63
SB7800SM-30	7314150104895	354	10	63



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SB7800SM-32	7314150104901	354	10	63
SB7800SM-8	7314150104680	354	10	63
SB7800SM-9	7314150104697	354	10	63
SB7809M-10	7314153004185	354	10	65
SB7809M-10-140	7314153004192	354	10	65
SB7809M-12	7314153004208	354	10	65
SB7809M-14	7314153004215	354	10	65
SB7809M-17	7314153004222	354	10	65
SB7809M-19	7314153004239	354	10	65
SB7809M-5	7314153004109	354	10	65
SB7809M-5-180	7314153004116	354	10	65
SB7809M-6	7314153004123	354	10	65
SB7809M-6-140	7314153013231	354	10	65
SB7809M-7	7314153004130	354	10	65
SB7809M-7-100	7314153004147	354	10	65
SB7809M-8	7314153004154	354	10	65
SB7809M-8-120	7314153004161	354	10	65
SB7809M-9	7314153004178	354	10	65
SB7809TORX-T20	7314153004017	354	10	65
SB7809TORX-T25	7314153004024	354	10	65
SB7809TORX-T27	7314153004031	354	10	65
SB7809TORX-T30	7314153004048	354	10	65
SB7809TORX-T40	7314153004055	354	10	65
SB7809TORX-T45	7314153004062	354	10	65
SB7809TORX-T50	7314153004079	354	10	65
SB7809TORX-T55	7314153004086	354	10	65
SB7809TORX-T60	7314153004093	354	10	65
SB8110-1/2	7314153004246	354	20	66
SB811-10-200	7314153001207	350	12	107
SB811-5,5-100	7314153001153	350	12	107
SB811-5,5-125	7314153001160	350	12	107
SB811-5,5-25	7314153001450	350	12	107
SB811-6,5-125	7314153001177	350	12	107
SB811-6,5-150	7314153001184	350	12	107
SB811-6,5-25	7314153001467	350	12	107
SB811-8-150	7314153001191	350	12	107
SB813-2,5-75	7314153001214	350	12	107
SB813-3,5-100	7314153001245	350	12	107
SB813-3-100	7314153001238	350	12	107
SB813-3-75	7314153001221	350	12	107
SB813-4-100	7314153001252	350	12	107
SB813-4-125	7314153001269	350	12	107
SB813-5,5-150	7314153001276	350	12	107
SB813VDE-3,5-100	7314153001634	350	26	108
SB813VDE-3,5-100	7314153001634	350	26	206
SB813VDE-3-100	7314153001627	350	26	108
SB813VDE-3-100	7314153001627	350	26	206
SB813VDE-4-100	7314153001641	350	26	108
SB813VDE-4-100	7314153001641	350	26	206
SB813VDE-5,5-125	7314153001658	350	26	108
SB813VDE-5,5-125	7314153001658	350	26	206
SB813VDE-6,5-150	7314153001665	350	26	108
SB813VDE-6,5-150	7314153001665	350	26	206
SB813VDE-8-175	7314153001672	350	26	108
SB813VDE-8-175	7314153001672	350	26	206
SB814-100	7314153001757	350	12	108
SB8150-1/2	7314150105014	354	20	66
SB815-0-75	7314153001283	350	12	107
SB8150RN-1/2	7314150105007	354	20	66
SB815-1-100	7314153001290	350	12	107
SB815-1-25	7314153001474	350	12	107
SB815-2-125	7314153001306	350	12	107
SB815-2-25	7314153001481	350	12	107
SB815-3-150	7314153001313	350	12	107
SB8155-1/2	7314150105021	354	20	66
SB8158-1/2	7314153004253	354	15	66
SB8159-1/2	7314150104956	354	15	67
SB815VDE-0-100	7314153001702	350	26	108
SB815VDE-0-100	7314153001702	350	26	207
SB815VDE-1-150	7314153001719	350	26	108
SB815VDE-1-150	7314153001719	350	26	207
SB815VDE-2-175	7314153001726	350	26	108
SB815VDE-2-175	7314153001726	350	26	207
SB815VDE-3-200	7314153001733	350	26	108
SB815VDE-3-200	7314153001733	350	26	207
SB8160-1/2	7314150104963	354	15	67
SB816-0-75	7314153001320	350	12	107
SB816-1-100	7314153001337	350	12	107
SB816-2-125	7314153001344	350	12	107
SB816-2-25	7314153001504	350	12	107

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SB816-3-150	7314153001351	350	12	107
SB8166-1/2	7314153004260	354	15	67
SB816VDE-0-100	7314153001580	350	26	108
SB816VDE-0-100	7314153001580	350	26	206
SB816VDE-1-150	7314153001597	350	26	108
SB816VDE-1-150	7314153001597	350	26	206
SB816VDE-2-175	7314153001603	350	26	108
SB816VDE-2-175	7314153001603	350	26	206
SB817-100	7314153001764	350	12	108
SB818-15-100	7314153001412	350	12	108
SB818-20-100	7314153001429	350	12	108
SB818-6-75	7314153001368	350	12	108
SB818-7-75	7314153001375	350	12	108
SBS10/T12/6	7314150136414	366	10	189
SBS10/T12/E	7314150136933	356	10	189
SBS10/T3/5	7314150136407	366	10	189
SBS10-10-11	7314153009012	366	10	38
SBS10-12-13	7314153009029	366	10	38
SBS10-14-15	7314153009036	366	10	38
SBS10-16-17	7314153009043	366	10	38
SBS10-17-19	7314153010667	366	10	38
SBS10-18-19	7314153009050	366	10	38
SBS10-20-22	7314153009067	366	10	38
SBS10-21-23	7314153009074	366	10	38
SBS10-24-27	7314153009081	366	10	38
SBS10-30-32	7314153009098	366	10	38
SBS10-6-7	7314153009005	366	10	38
SBS10-8-9	7314153010650	366	10	38
SBS20/T15/6	7314150136476	366	10	190
SBS20/T4/9	7314150136452	366	10	190
SBS20/T6/6	7314150136469	366	10	190
SBS20-10	7314153009142	366	10	44
SBS20-11	7314153009159	366	10	44
SBS20-12	7314153009166	366	10	44
SBS20-13	7314153009173	366	10	44
SBS20-14	7314153009180	366	10	44
SBS20-15	7314153009197	366	10	44
SBS20-16	7314153009203	366	10	44
SBS20-17	7314153009210	366	10	44
SBS20-18	7314153009227	366	10	44
SBS20-19	7314153009234	366	10	44
SBS20-20	7314153009241	366	10	44
SBS20-21	7314153009258	366	10	44
SBS20-22	7314153009265	366	10	44
SBS20-24	7314153009272	366	10	44
SBS20-27	7314153009289	366	10	44
SBS20-30	7314153009296	366	10	44
SBS20-32	7314153009302	366	10	44
SBS20-6	7314153009104	366	10	44
SBS20-7	7314153009111	366	10	44
SBS20-8	7314153009128	366	10	44
SBS20-9	7314153009135	366	10	44
SBS30/T10/4	7314150136568	366	10	190
SBS30/T10/E	7314150137015	356	10	190
SBS30/T8/7	7314150136551	366	10	190
SBS30-10-11	7314153009449	366	10	40
SBS30-12-13	7314153009456	366	10	40
SBS30-14-15	7314153009463	366	10	40
SBS30-16-17	7314153009470	366	10	40
SBS30-17-19	7314153010674	366	10	40
SBS30-18-19	7314153009487	366	10	40
SBS30-20-22	7314153009494	366	10	40
SBS30-21-23	7314153009500	366	10	40
SBS30-24-27	7314153009517	366	10	40
SBS30-30-32	7314153009524	366	10	40
SBS30-6-7	7314153009425	366	10	40
SBS30-8-9	7314153009432	366	10	40
SBS50/T12/8	7314150136582	366	15	191
SBS50-10-11	7314153009333	366	15	43
SBS50-12-13	7314153009340	366	15	43
SBS50-14-15	7314153009357	366	15	43
SBS50-16-17	7314153009364	366	15	43
SBS50-18-19	7314153009371	366	15	43
SBS50-20-22	7314153009388	366	15	43
SBS50-21-23	7314153009395	366	15	43
SBS50-8-9	7314153009326	366	15	43
SBS60/T4/21	7314150136636	354	25	191
SBS60/T4/E	7314150137077	356	10	191
SBS60-10	7314153009616	354	10	53
SBS60-11	7314153009623	354	10	53



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SBS60-12	7314153009630	354	10	53
SBS60-13	7314153009647	354	10	53
SBS60-14	7314153009654	354	10	53
SBS60-4	7314153009531	354	10	53
SBS60-4.5	7314153009548	354	10	53
SBS60-5	7314153009555	354	10	53
SBS60-5.5	7314153009562	354	10	53
SBS60-6	7314153009579	354	10	53
SBS60-7	7314153009586	354	10	53
SBS60-8	7314153009593	354	10	53
SBS60-9	7314153009609	354	10	53
SBS61	7314153009661	354	20	54
SBS63-2	7314153009685	354	15	55
SBS63-4	7314153009692	354	15	55
SBS63-6	7314153009708	354	15	55
SBS64	7314153012609	354	15	54
SBS65	7314153009715	354	15	55
SBS67	7314153009678	354	15	54
SBS69	7314153009722	354	15	55
SBS705	7314153012968	354	15	60
SBS723	7314153012890	354	15	61
SBS724	7314153012906	354	15	61
SBS750	7314153012883	354	20	60
SBS755	7314153012913	354	15	60
SBS760	7314153012937	354	15	61
SBS761	7314153012944	354	15	61
SBS762	7314153012951	354	15	61
SBS775	7314153012920	354	15	61
SBS80/T20/29	7314150136612	356	10	191
SBS80/T20/E	7314150137053	356	10	191
SBS80-10	7314153009746	354	10	64
SBS80-11	7314153009753	354	10	64
SBS80-12	7314153009760	354	10	64
SBS80-13	7314153009777	354	10	64
SBS80-14	7314153009784	354	10	64
SBS80-15	7314153009791	354	10	64
SBS80-16	7314153009807	354	10	64
SBS80-17	7314153009814	354	10	64
SBS80-18	7314153009821	354	10	64
SBS80-19	7314153009838	354	10	64
SBS80-21	7314153009852	354	10	64
SBS80-22	7314153010117	354	10	64
SBS80-23	7314153009869	354	10	64
SBS80-24	7314153009876	354	10	64
SBS80-27	7314153009883	354	10	64
SBS80-30	7314153009890	354	10	64
SBS80-32	7314153009906	354	10	64
SBS80-8	7314153013194	354	10	64
SBS80-9	7314153013200	354	10	64
SBS81	7314153009937	354	20	66
SBS82	7314153009944	354	20	66
SBS83-10	7314153009982	354	15	67
SBS83-3	7314153013156	354	15	67
SBS83-5	7314153009975	354	15	67
SBS85	7314153010025	354	15	67
SBS86	7314153009999	354	15	67
SBS87	7314153009968	354	15	67
SBS87S	7314153009951	354	15	67
SBS88	7314153010001	354	15	67
SBS89	7314153010018	354	15	68
SBSF/T8/23	7314150136650	366	15	191
SBSF/T8/E	7314150137091	356	10	191
SBSF-10	7314153012654	354	10	59
SBSF-11	7314153012661	354	10	59
SBSF-12	7314153012678	354	10	59
SBSF-13	7314153012685	354	10	59
SBSF-14	7314153012692	354	10	59
SBSF-15	7314153012708	354	10	59
SBSF-16	7314153012715	354	10	59
SBSF-17	7314153012722	354	10	59
SBSF-18	7314153012739	354	10	59
SBSF-19	7314153012746	354	10	59
SBSL25	7314153015853	354	25	74
SC127	7314150121984	334	35	144
SC127S	7314150121991	334	35	144
SC127V	7314150121847	334	45	145
SC127V	7314150121847	334	45	203
SC140	7314150122004	334	35	144
SC140C	7314150122011	334	35	144
SC150NG	7314150122028	334	35	144

SC150NGV	7314150121854	334	35	145
SC150NGV	7314150121854	334	35	203
SCRAPER-SET2	7311518228613	362	10	239
SE-15-24	7311518029838	316	10	237
SE-15-24	7311518029838	316	10	261
SE-15-30	7311518029821	316	10	237
SE-15-30	7311518029821	316	10	261
SE-15-30-23	7311518029845	316	10	237
SE-15-30-23	7311518029845	316	10	261
SE-15-32	7311518249168	316	10	237
SE-15-32	7311518249168	316	10	261
SE-15-36	7311518141202	316	10	237
SE-15-36	7311518141202	316	10	261
SE-15-36-23	7311518258276	316	10	237
SE-15-36-23	7311518258276	316	10	261
SE-16-21	7311518029807	316	10	237
SE-16-21	7311518029807	316	10	261
SE-16-21-23	7311518273934	316	10	237
SE-16-21-23	7311518273934	316	10	261
SHARP-X	7311518264895	352	35	267
SHARP-X-DISP	7311518264901	352	35	267
SH-FCS-810	7311518140540	326	15	266
SH-FCS-860	7311518140557	326	15	266
SH-FGS-600	7311518140649	326	15	266
SH-FGS-700	7311518140656	326	15	266
SH-FGS-800	7311518140663	326	15	266
SH-HFGPS-400FG	7311518282301	326	15	266
SH-HGPS-360	7311518140618	326	15	266
SH-HGPS-380	7311518140625	326	15	266
SH-HGPS-400	7311518207618	326	15	266
SH-HUS-380	7311518140502	326	15	266
SH-HUS-500	7311518140519	326	15	266
SH-HUS-650	7311518140526	326	15	266
SH-MCS-800	7311518140595	326	15	266
SH-MES-900	7311518140601	326	15	266
SH-MES-900FG	7311518282318	326	15	266
SH-MES-F-900	7311518141554	326	15	266
SH-PAGS-900FG	7311518326944	320	10	266
SH-SUS-800	7311518140809	326	15	266
SL24	7314150128389	354	25	74
SL25	7314153013422	354	25	74
SLX 17	7314153015785	354	25	75
SLX 17AF	7314150137558	354	25	76
SQZ150003	7314153013477	334	10	240
SQZ150003-HSBL	7314153015389	334	15	240
SQZ150003-SBL	7314153015372	334	15	240
SUP-20-LAM	7311518258351	330	10	233
SUS-2.0-800	7311518123451	326	15	265
T10/E	7314150137374	356	10	194
T2/E	7314150137329	356	10	193
T3/E	7314150137336	356	10	193
T4/E	7314150137343	356	10	193
T6/E	7314150137350	356	10	194
T8/E	7314150137367	356	10	194
THAB	7314150137398	356	10	194
TL 00B-SA	7314150109555	340	80	216
TL 00CFR-SA	7314150115402	340	80	219
TL 00D-SA	7314150109562	340	80	216
TL 00-SA	7314150109579	340	80	216
TL 00-SA-SL	7314150115228	340	80	216
TL 0C9-SA	7314150109586	340	80	216
TL 0-SA	7314150109593	340	80	216
TL 10G-SA	7314150109609	340	80	216
TL 124-SA	7314150110018	340	80	217
TL 15AP	7314150109630	340	80	216
TL 1-SA	7314150109647	340	80	216
TL 1-SA-SL	7314150115235	340	80	216
TL 231-SA	7314150110087	340	80	218
TL 249 ACF	7314150115174	340	80	219
TL 249CFR-SA	7314150115143	340	80	219
TL 251-SA	7314150110643	340	80	218
TL 252-SA	7314150110650	340	80	218
TL 253-SA	7314150110667	340	80	218
TL 256-SA	7314150110698	340	80	218

TL 259 ACF	7314150115167	340	80	219
TL 259 CFR-SA	7314150115150	340	80	219
TL 269CF-SA	7314150110735	340	80	218
TL 2AACF	7314150115457	340	80	219
TL 2AB-SA	7314150110094	340	80	216
TL 2ACFR-SA	7314150115419	340	80	219
TL 2A-SA	7314150110100	340	80	216
TL 2A-SA-SL	7314150115259	340	80	216
TL 2AX-SA	7314150110025	340	80	217
TL 2-SA	7314150110117	340	80	216
TL 2-SA-SL	7314150115242	340	80	216
TL 3C-SA	7314150110148	340	80	216
TL 3C-SA-SL	7314150115273	340	80	216
TL 3C-TA	7314150110155	340	80	216
TL 3-SA	7314150110162	340	80	216
TL 3-SA-ET	7311518279356	340	80	218
TL 3-SA-SL	7314150115266	340	80	216
TL 475-SA	7314150110032	340	80	217
TL 4-SA	7314150110186	340	80	217
TL 4-SA-SL	7314150115280	340	80	217
TL 51S-SA	7314150110209	340	80	217
TL 577-SA	7314150110421	340	80	218
TL 578-SA	7314150110438	340	80	218
TL 582-SA	7314150110452	340	80	218
TL 5ACF	7314150115464	340	80	219
TL 5A-SA	7314150110216	340	80	217
TL 5A-SA-SL	7314150115303	340	80	217
TL 5B-SA	7314150110223	340	80	217
TL 5CFR-SA	7314150115426	340	80	219
TL 5-SA	7314150110247	340	80	217
TL 5-SA-SL	7314150115297	340	80	217
TL 5-TA	7314150110254	340	80	217
TL 648-SA	7314150110049	340	80	217
TL 649-SA	7314150110063	340	80	218
TL 65A-SA	7314150110278	340	80	217
TL 7ACF	7314150115471	340	80	219
TL 7A-SA	7314150110285	340	80	217
TL 7A-SA-SL	7314150115327	340	80	217
TL 7CFR-SA	7314150115433	340	80	219
TL 7-SA	7314150110292	340	80	217
TL 7-SA-SL	7314150115310	340	80	217
TL AA-S	7314150110544	340	80	218
TL AA-SA	7314150110551	340	80	218
TL AA-SA-SL	7314150115334	340	80	218
TL AA-TA	7314150110575	340	80	218
TL AC-SA-SL	7314150115341	340	80	217
TL MM-SA-SL	7314150115365	340	80	218
TL SM 103-SA	7314150110773	340	80	219
TL SM 104-SA	7314150110780	340	80	220
TL SM 105-SA	7314150110797	340	80	220
TL SM 107-SA	7314150110810	340	80	220
TL SM 108-SA	7314150110827	340	80	220
TL SM 109-SA	7314150110834	340	80	220
TL SM 110-SA	7314150110841	340	80	220
TL SM 111-SA	7314150110858	340	80	220
TL SM 115-SA	7314150110896	340	80	220
TL SM 117-SA	7314150110919	340	80	220
TL SS-SA	7314150109937	340	80	217
TL SS-SA-SL	7314150115358	340	80	217
TRX 8180	7314150112272	340	65	213
TVAB	7314150137381	356	10	194
W120SL1	7314153013637	356	20	195
W120SL1-D1	7314153013644	356	20	195
W120SL2-D2	7314153013651	356	20	195
W180SL2-D2	7314153013682	356	20	195
W180SL3	7314153013668	356	20	195
W180SL3-D1	7314153013675	356	20	195
W-S-1.5	7311518140816	326	15	266
W-S-2.0	7311518140823	326	15	266
W-S-2.5	7311518140830	326	15	266
W-T-2.0	7311518140847	326	15	266
ZHVIDEOBAT	8414909180244	312	30	170
ZHVIDEOCHA	8414909180237	312	30	170

Argentina

Tronador 4890 2° Piso
C1430DNN- Saavedra
CAP. FED.
Tel: +54 (11) 4545-1400
Fax: +54 (11) 4543-6600

Australia

3 Cooper Street, Smithfield,
NSW 2164
Tel: +61 (0) 2 8787 5700
Fax: +61 (0) 2 9756 6130

Беларусь

220075, Минск,
ул. Селицкого, 8а
Tel.: +375 17 389 79 00
Fax: +375 17 389 79 51

Belgium

branch of SNA Europe (Benelux) BV
De Kleetlaan 12A Pegasus Park
1831 DIEGEM
Tel: +32 (0)2 726 03 03
Fax: +32 (0)2 726 04 36

Chile

Av. Pdte.Edo. Frei Montalva 6001-76
Conchalí - Santiago de Chile
Tel: +56 2 949 18 88
Fax: +56 2 949 18 99

Česká republika

SNA Europe [Czech republic] s.r.o.
Holandská 2/4
639 00 Brno
Tel.: +420 537 022 520
Fax: +420 537 022 200

Danmark

Vallensbaekvej 40,
2605 Brøndby
Tel: +45 4363 0330
Fax: +45 4396 2456

Deutschland

Auf dem Hüls 5
40822 Mettmann
Tel: +49 (0) 2104 8 33 83 0
Fax: +49 (0) 2104 833 83 79 99

España

c/ Hilanderas, 1
(P.O. Box / Apdo de Correos nº 5)
C.P. 20303 Irún
Tel: +34 902 235 100 / +34 943 649 111
Fax: +34 943 649 120

Ελλάδα

Λ. Βουλιαγμένης 604Γ
167 77 Ελληνικό, Αθήνα
Τηλ: +30 210 9914263
Fax: +30 210 9914587

Export

Antigua Carretera de Altube Km 5,5
P.O.Box 307
01080 VITORIA (Spain)
Tel.: +34 945269711
Fax: +34 945165040

France

122 rue du Château d'Orgemont
BP 30730
49007 Angers Cedex 1
Tél Industrie: +33 (0) 2 41 22 98 49
Tél Automotive : +33 (0) 2 41 22 70 30
Tél Négoces & Jardins :
+33 (0) 2 41 22 98 40
Fax: +33 (0) 2 41 22 98 50

Italia

Via Varesina 204
20156 Milano
Tel: +39 02 302 416 1
Fax: +39 02 380 036 98

Nederland

Vossenbeemd 113
5705 CL Helmond
Tel: +31 (0) 492 58 23 33
Fax: +31(0) 492 58 23 20

New Zealand

Unit 3/25 Highbrook Drive
East Tamaki
Auckland
Tel: +64 9-273 46 50
Fax: 64-9-273-2453

Norge

Box 114
1306 Bærum Postterminal
Tel: +47 67 17 56 50
Fax: +47 67 17 56 51

Österreich

Handelskai 94-96/23 Millenium Tower
A-1200 Wien
Tel: +49 (0) 2104 8 33 83 0
Fax +49 (0) 2104 833 83 79 99

Polska

Marynarska 19A
02-674 Warszawa
Tel.: +48 (0) 22 6070510
Fax.: +48 (0) 22 6070521

Россия

117105, Москва, Варшавское
шоссе, д.9, стр.1Б, оф. 202
Тел : (495) 7800421
Факс : (495) 7800422

Portugal

SNA Europe [Industries] S.A.
R. Maria Julia M. Ramos - Junqueira
4480-254 Vila Do Conde
Tel. +351 252 650 131
Fax. +351 252 650 160

Slovenská republika

SNA Europe [Slovakia] s.r.o.
Karadžičova 8/A
821 08 Bratislava
Tel.: +421 (0)2 5939 6124
Fax: +421 (0)2 5939 6217

Suomi

Ayritie 8 A, 01510 Vantaa
PO Box 79, 01511 Vantaa
Tel: +358 207 433 510
Fax: +358 207 433 525

Sverige

Box 83
SE-745 22 Enköping
Tel: +46 (0) 171-47 82 00
Fax: +46 (0) 171-47 82 38

Schweiz / Suisse

Auf dem Hüls 5
D-40822 Mettmann
Deutschland
Tel: +49 (0) 2104 8 33 83 0
Fax +49 (0) 2104 833 83 79 99

Türkiye

Girne Mah. Maltepe Küçük San.
Sitesi
F Blok No:19 Maltepe
Istanbul
Tel: +90 (0) 216 367 10 21
Fax: +90 (0) 216 367 11 71

Україна

Україна, 02121, м. Київ
пр-т Бажана 7i, 148
Tel: +38 044 562 25 91
Fax: +38 044 560 05 15

United Kingdom

Moorhead Way, Bramley,
Rotherham, South Yorkshire S66 1YY
Tel: +44 (0) 1709 731731
Fax: +44 (0) 1709 731741

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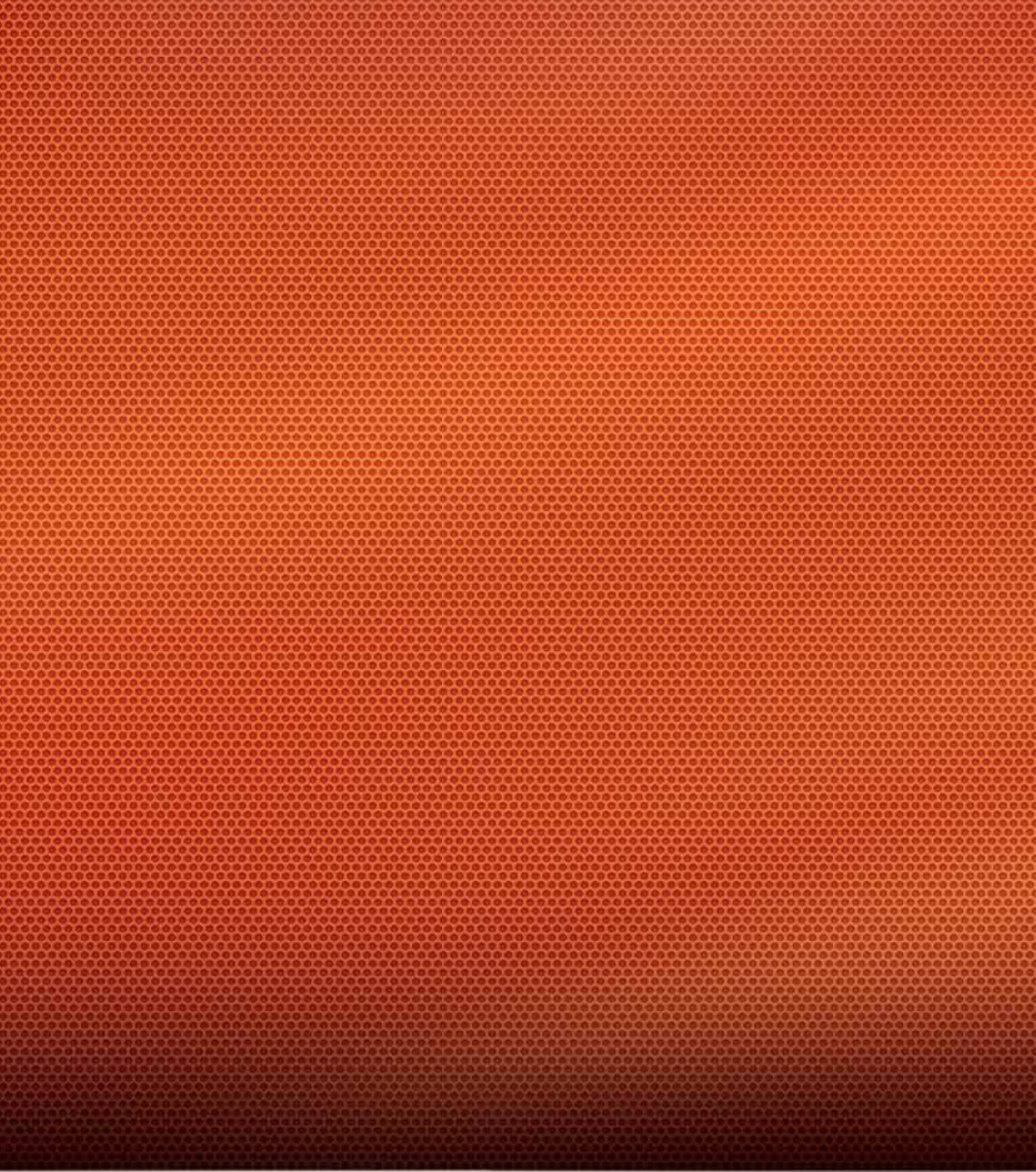
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2011



M-INT-WEB-11



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