

Spare Parts

SPARE PARTS ⑤	HAZET No.	EAN-No. 4000896+	SPARE PARTS ⑤	HAZET No.	EAN-No. 4000896+
For Tool Cabinet 111 Padlock with 2 keys	160-08 a	004294	For Tool Trolley 166 N Swivel twin castor, 75 mm Ø, with brake, complete (to be used in pairs)	160-011	004225
For Work Bench 130 Leveling feet, 4 pieces, height continuously adjustable up to 40 mm	130-F/4	003365	Castor Set , consisting of: 2 fixed castors, 125 mm Ø, complete, 2 swivel twin castors, 75 mm Ø, with brake, complete	160-0119	004232
For Tool Trolley 162 c Padlock with 2 keys	160-08 a	004294	Rubber mat for table board	160-012	004263
Chain with locking of chain case	162 C-01/2	079735	Profiled rubber strip with black filler for table board and intermediary trays	160-013	004270
Table board, complete with worktop	162 C-010	079780	Cross member for fixed castors	160-044	004287
Swivel castor, Ø 125 mm, complete with brake	162 C-011	079865	Padlock with 2 keys	160-08 a	004294
Castor Set , consisting of: 2 swivel castors Ø 125 mm and set of fixed castors Ø 150 mm	162 C-0119	079889	Fixed castor, 125 mm Ø, complete	160-09	004300
Top intermediary tray	162 C-030	078165	Profiled metal strips	160-1	004317
Bottom intermediary tray	162 C-050	078172	Table board, complete with indexing box and chain	160-10	004324
Bottom Container	162 C-060	079728	Indexing box for bottom intermediary tray	160-15	004331
Pillar with knob	162 C-070	079742	Indexing box for table board, complete	160-20	004348
Knob	162 C-080	080397	Top intermediary tray, complete with indexing box	160-30	004355
Fixed castor, Ø 150 mm, complete	162 C-09	079872	Indexing box for top intermediary tray, complete	160-40	004362
Container for small parts for 162 C and 166 C	162 C-5	078189	Bottom intermediary tray, complete	160-50	004379
Set of separation sheets consisting of 5 separation sheets for 162 C and 166 C	162 C-6/5	120772	Set of separation sheets consisting of 5 separation sheets for 162 N and 166 N	160-6/5	120741
For Tool Trolley 162 N Swivel twin castor, 75 mm Ø, with brake, complete (to be used in pairs)	160-011	004225	Bottom container	160-60	004393
Castor Set , consisting of: 2 fixed castors, 125 mm Ø, complete, 2 double swivel castors, 75 mm Ø, with brake, complete	160-0119	004232	Tubular pillar, complete with clamping rod and knob	160-71	004416
Rubber mat for table board	160-012	004263	Chain, 31 links, per pair	160 Lg-01	004447
Profiled rubber strip with black filler for table board and intermediary trays	160-013	004270	Clamping rod complete with knob	166 C-080	080403
Cross member for fixed castors	160-044	004287	For Tool Trolley 168 Ball-bearing guiding rails for 152 N, 168 N, 169 HD, 171, 172 HD, 174 until 2000, riveted rail, drawer carrier width 545 mm complete, per pair	152 N-07	003501
Padlock with 2 keys	160-08 a	004294	Swivel twin castor, 75 mm Ø, with brake, complete (to be used in pairs)	160-011	004225
Fixed castor, 125 mm Ø, complete	160-09	004300	Castor Set , consisting of: 2 fixed castors, 125 mm Ø, complete, 2 swivel twin castors, 75 mm Ø, with brake, complete	160-0119	004232
Profiled metal strips	160-1	004317	Padlock with 2 keys	160-08 a	004294
Table board, complete with indexing box and chain	160-10	004324	Fixed castor, 125 mm 125 mm Ø, complete	160-09	004300
Indexing box for bottom intermediary tray	160-15	004331	Rubber mat for table board	168-012	005048
Indexing box for table board, complete	160-20	004348	Hand knob, black, for 168 N, with inside hexagon screw	168-055	005062
Top intermediary tray, complete with indexing box	160-30	004355	Pull-handle for 168, 170-6, 170 C-5, 170 L	170-06	060214
Indexing box for top intermediary tray, complete	160-40	004362	For Tool Cabinet 169 N Padlock with 2 keys	160-08 a	004294
Bottom intermediary tray, complete	160-50	004379	Swivel castor with brake, 100 mm Ø	169 N-011	059263
Set of separation sheets consisting of 5 separation sheets for 162 N and 166 N	160-6/5	120741	Swivel castor without brake, 100 mm Ø	169 N-0110	059270
Bottom container	160-60	004393	Castor set complete: 2 fixed castors, 2 swivel castors	169 N-0119	059294
Tubular pillar with plastic knob	160-70	004409	Flat drawer, 80 mm	169 N-02	090303
Chain, 31 links, per pair	160 Lg-01	004447	Big drawer, 166 mm	169 N-03	090310
Knob	162 C-080	080397	Plastic worktop	169 N-05	060986
For Tool Trolley 166 C Chain with locking of chain case	162 C-01/2	079735	Pull-handle	169 N-06	060979
Table board, complete with worktop	162 C-010	079780	For 174 from 01/2001 until 05/2001 and 169 N until 04/2000 Ball bearing rails, riveted, carrier of drawer 565 mm wide complete, per pair	169 N-07	080359
Swivel castor, Ø 125 mm, complete with brake	162 C-011	079865	For 174 since 06/2001, 169 N since 05/2000 and 176-1 Ball bearing rail, suspended, carrier of drawer 565 mm wide and for the laterally extendable leaf of 173 complete, per pair	169 N-07/2	080304
Castor Set , consisting of: 2 swivel castors Ø 125 mm and set of fixed castors Ø 150 mm	162 C-0119	079889	Fixed Castor, 160 mm Ø	169 N-09	059287
Top intermediary tray	162 C-030	078165			
Bottom intermediary tray	162 C-050	078172			
Bottom Container	162 C-060	079728			
Fixed castor, Ø 150 mm, complete	162 C-09	079872			
Container for small parts for 162 C and 166 C	162 C-5	078189			
Set of separation sheets consisting of 5 separation sheets for 162 C and 166 C	162 C-6/5	120772			
Pillar complete with knob and clamping rod	166 C-070	079759			
Clamping rod complete with knob	166 C-080	080403			

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For Tool Cabinet 170				For Tool Trolley 173			
Padlock with 2 keys	160-08 a	004294		For 174 since 06/2001, 169 N since 05/2000 and 176-1	169 N-07/2	080304	
Swivel castor with brake, 125 mm Ø for 170-6 170 C-5 170 L	170-011	060269		Ball bearing guiding rail, suspended, carrier of drawer 565 mm wide and for the laterally extendable leaf of 173 complete, per pair			
Swivel castor without brake, 125 mm Ø for 170-6 170 C-5 170 L	170-0110	060276		Swivel castor, with brake, screws included	173-011	089949	
Castor Set for 170-6 170 C-5 170 L	170-0119	060283		Lock for side-locker and closing cylinder for central locking system	173-013	090174	
consisting of: 170-09 (2x), 170-010, 170-011 1 axle Ø 12 x 533 mm, locking ring RS 10				5 plastic pawls for central locking system	173-017	090181	
Rubber mat for antislipping storage of tools etc. in tool trolleys Esp. suitable for HAZET 170 C-5, 170 K-5, 170-2, 170 L	170-012	060221		5 drawer locking pins, rivets included	173-019	090198	
Plastic Worktop for 170-6 170 C-5 170 L	170-05	060238		Locking bar	173-021	092741	
Pull-handle for 168, 170-6, 170 C-5, 170 L	170-06	060214		Plastic worktop	173-05	089796	
Pair of ball bearing rails For the installation of the drawers on HAZET 170-6, 170 C-5, 170 K-5, 170 L	170-07	060245		Flat drawer (70 mm high) complete: bolts, rivets, chrome trim strip included	173-050	089956	
Fixed castor, 125 mm Ø for 170-6 170 C-5 170 L	170-09	060252		Beech multilayer worktop, fixing kit included	173-06	089802	
For Tool Trolley 171				High drawer (140 mm high) complete: bolts, rivets, chrome trim strip included	173-060	089963	
Ball-bearing guiding rails for 152 N, 168 N, 169 HD, 171, 172 HD, 174 until 2000, riveted rail, drawer carrier width 545 mm complete, per pair	152 N-07	003501		Pair of rails for front drawers, complete, per pair	173-07	089819	
Swivel twin castor, 75 mm Ø, with brake, complete (to be used in pairs)	160-011	004225		Laterally extendable leaf complete with cover plate, handle and screws	173-070	090013	
Castor Set , consisting of: 2 fixed castors, 125 mm Ø, complete, 2 swivel twin castors, 75 mm Ø, with brake, complete	160-0119	004232		Pair of rails for side-locker, complete, per pair	173-08	089826	
Padlock with 2 keys	160-08 a	004294		Side-locker, complete with cover plate, handle and screws	173-080	089970	
Fixed castor, 125 mm Ø, complete	160-09	004300		Fixed castor, screws included, 125 mm Ø	173-09	089932	
Drawer for small parts (without plastic tray) with ball beared safety rails	171-01	005406		Pull-handle for 173, complete with handle support and screws	173-090	090020	
Rubber mat for table board	171-012	005413		Handle, small, for lateral leaf	173-091	090112	
Plastic shutter, complete	171-031	005437		5 decorative strips for drawers	173-092	090129	
Drawer, 55 mm high, with ball beared safety rails, since 1992	171-04	005444		Edge protection strip (345 cm) for 173-2	173-093	090204	
Plastic tray for drawer	171-1	005468		Distance plate (wood) for Machinist's Vice 2175 N for fixation on Assistant 172 HD, 173-1, 176-1, 178, 179 fixing kit included	173-23	090228	
For Tool Trolley 172 HD				For Tool Trolley 174			
Ball-bearing guiding rails for 152 N, 168 N, 169 HD, 171, 172 HD, 174 until 2000, riveted rail, drawer carrier width 545 mm complete, per pair	152 N-07	003501		Ball-bearing guiding rails for 152 N, 168 N, 169 HD, 171, 172 HD, 174 until 2000, riveted rail, drawer carrier width 545 mm complete, per pair	152 N-07	003501	
Padlock, high shackles, with 2 keys	168-08 a	005086		Padlock with 2 keys	160-08 a	004294	
Drawer for small parts (without plastic tray) with ball beared safety rails	171-01	005406		For 174 from 01/2001 until 05/2001 and 169 N until 04/2000	169 N-07	080359	
Plastic tray for drawer	171-1	005468		Ball bearing rails, riveted, carrier of drawer 565 mm wide complete, per pair			
Swivel castor, 125 mm Ø, with brake, complete	172-011	005550		For 174 since 06/2001, 169 N since 05/2000 and 176-1	169 N-07/2	080304	
Castor Set , consisting of: 2 fixed castors, 160 mm Ø, with axle 20 mm Ø, complete, 2 swivel castors, 125 mm Ø, with adequate fastening and brake, complete	172-0119	005567		Guiding rail, suspended, carrier of drawer 565 mm wide and for the laterally extendable leaf of 173 complete, per pair			
Rubber mat for table board	172-012	005574		Swivel castor with brake, 125 mm Ø for 170-6 170 C-5 170 L	170-011	060269	
Plastic shutter, top and bottom, with combination lock and handle strip, complete	172-032	005642		Swivel castor without brake, 125 mm Ø for 170-6 170 C-5 170 L	170-0110	060276	
Top shutter complete with combination lock and handle strip	172-032 a	005659		Fixed castor, 160 mm Ø, complete	172-09	005710	
Bottom shutter complete with combination lock and handle strip	172-032 u	005666		Swivel castor, 125 mm Ø, without brake	174-0110	005833	
Fixed castor, 160 mm Ø, complete	172-09	005710		Castor Set consisting of: 2 fixed castors, 160 mm Ø, with axle 12 mm Ø, 2 swivel castors, 125 mm Ø, with brakes, complete, 1 swivel castor without brake	174-0119	005840	
				Flat drawer for Tool Trolley 174 since 01/2001	174-04	090334	
				High drawer for Tool Trolley 174 since 01/2001	174-05	090327	

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For Tool Trolley 176 For 174 since 06/2001, 169 N since 05/2000 and 176-1 Ball bearing rail, suspended, carrier of drawer 565 mm wide and for the laterally extendable leaf of 173 complete, per pair	169 N-07/2	080304		For Tool Trolley 179 Decorative strips for drawers	179-057	146222	
Pull-handle for 173, complete with handle support and screws	173-090	090020		Cover with nameplate for flat drawer	179-060	143535	
Swivel castor, 100 mm Ø with brake, screws included	176-011	099191		Cover with nameplate for high drawer	179-061	143542	
Swivel castor, 100 mm Ø without brake, screws included	176-012	099207		Separation sheet for high drawer	179-065	146239	
Lock, fixation accessories included	176-013	099221		Guiding rails (pair)	179-07/2	143177	
Plastic worktop	176-05	099139		Impact protection, neutral	179-093	143191	
Flat drawer, without front cover	176-050	099177		Cylinder lock with 2 hinged keys	180-08	110896	
Flat front cover, black	176-051	099146		For Tool Trolley 180 Swivel castor with brake, 125 mm Ø	180-011	110742	
High drawer, without front cover	176-060	099184		Locking bar for central locking	180-04	110889	
High front cover, black	176-061/2	099153		Plastic worktop	180-05	110773	
Fixed castor, 100 mm Ø, screws included	176-09	099214		Flat drawer, complete	180-050	110506	
For Tool Trolley 178 5 drawer locking pins, rivets included	173-019	090198		Cover plate, complete, for flat drawer	180-051	110520	
Locking bar	178-04	143436		Pull handle	180-06	110766	
Flat drawer 75 mm	178-050	146178		High drawer, complete	180-060	110513	
High drawer 160 mm	178-051	146161		Cover plate, complete, for big drawer	180-061	110735	
Ball bearing rails (pair)	178-07/2	143443		Guiding rails, per pair	180-07	115051	
Edge protection	178-093	143221		Cylinder lock with 2 hinged keys	180-08	110896	
Swivel castor Ø 125 mm, with brake	179-011	143184		Fixed castor, 125 mm Ø	180-09	110759	
Plastic worktop for 179	179-05	145638		Various Spare Parts (Tool Trolley Accessories) 1 Rubber pad for 161-8, complete with screws, washer and seal	161-81	004850	
Separation sheet for flat drawer	179-055	145782		Joint for 161-9	161-92	004874	
Locking bar for individual locking	179-056	146215		1 Rubber pad for 161-9, with grooved pin, 2 dowel pins and 2 compression springs	161-95	004881	
Pull-handle	179-06	143214		Sets , consisting of: roller, pin and spring for 279-4, 279 V-4 for 279-6, 279 V-6 for 279-8, 279 V-8 for 279-10, 279 V-10 for 279-12, 279 V-12 for 279-15 for 279-18	279-04/3 279-06/3 279-08/3 279-010/3 279-012/3 279-015/3 279-018/3	018017 018024 018031 017973 017980 017997 018000	
Separation sheet for high drawer	179-065	146239		Clip, empty for 450 N/12 RS, 450 N/12 N RS, 610 N/12 RS	450 N/12 RS L	020270	
Fixed castor Ø 125 mm	179-09	143160		Clip, empty for 450 N/8 RS and 610 N/8 RS	450 N/8 RS L	020294	
Cylinder lock with 2 hinged keys	180-08	110896		Clip, empty	600/12 RS L	062324	
For Tool Trolley 179 Swivel castor Ø 125 mm, with brake	179-011	143184		Set , consisting of: socket, screw and lock washer for 645-6 645-7 645-8 645-9 645-10, 602-10 645-11, 602-11 645-12, 602-12 645-13, 602-13 645-14, 602-14 645-15, 602-15 645-16, 602-16 645-17, 602-17 645-18, 602-18 645-19, 602-19 645-21, 602-21 645-22, 602-22	645-06/3 645-07/3 645-08/3 645-09/3 645-10/3 645-11/3 645-12/3 645-13/3 645-14/3 645-15/3 645-16/3 645-17/3 645-18/3 645-19/3 645-21/3 645-22/3	027989 027996 028009 028016 028023 028047 028054 028078 028085 028108 028115 028139 028153 028177 028207 028238	
Locking bolt plate	179-019	146208		Plastic part with screws for 650 K-20	650 K-020/6	028689	
Plastic worktop for 179	179-05	145638		Plastic hammer head for 665-1	665-01	029211	
Flat drawer 75 mm	179-050	146192		Hand guard for Flat Chisel 730-6, -7, -8 made of shock-resistant plastic	730 HS	029631	
High drawer 160 mm	179-051	146185		Punch tip for 747	747-01	029877	
Separation sheet for flat drawer	179-055	145782		Punch tip for 747-1	747-02	051380	
Locking bar for individual locking	179-056	146215		Top jaws (2 pairs) for 753-1 and -2	753-01	030187	
Decorative strips for drawers	179-057	146222		Set , consisting of: screw, nut and lock washer for 760-1	760-1/3	030439	
Pull-handle	179-06	143214		Set , consisting of: fixable screw and lock washer for 760 N-1 760 N-2 760 N-3 760 N-4	760 N-1/2 760 N-2/2 760 N-3/2 760 N-4/2	030477 030507 030521 030545	
Cover with nameplate for flat drawer	179-060	143535					
Cover with nameplate for high drawer	179-061	143542					
Separation sheet for high drawer	179-065	146239					
Guiding rails (pair)	179-07/2	143177					
Fixed castor Ø 125 mm	179-09	143160					
Impact protection, neutral	179-093	143191					
Impact protection HAZET	179-094	143207					
Locking bar for central locking	180-04	110889					
Cylinder lock with 2 hinged keys	180-08	110896					
for Work Bench 179 W Swivel castor with brake, Ø 125 mm	179 W-011	146659					
Locking bar for drawers	179 W-04	146697					
Wooden worktop	179 W-05	146680					
Fixed Castor, Ø 125 mm	179 W-09	146666					
Edge protection	179 W-094	146673					
Locking bolt plate	179-019	146208					
Flat drawer 75 mm	179-050	146192					
High drawer 160 mm	179-051	146185					
Separation sheet for flat drawer	179-055	145782					
Locking bar for individual locking	179-056	146215					

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Various Spare Parts				Various Spare Parts			
Pair of straight spare jaws for 792-1	792-1 E a	031498		For 842 B/7			
ditto, curved, for 792-1	792-1 E b	031504		Combined Tapping Bit:			
ditto, straight, for 792-2	792-2 E a	031528		M 8	842 BG-M 8	136483	
ditto, curved, for 792-2	792-2 E b	031535		M 10	842 BG-M 10	136438	
Wrench for 794-01	794-010	031603		M 3	842 BG-M 3	136445	
ditto for 794-1, -2, -3	794-10	031627		M 4	842 BG-M 4	136452	
Strap for 794 U-3	794 U-301	031689		M 5	842 BG-M 5	136469	
Guide member for 794 U-3	794 U-302	031696		M 6	842 BG-M 6	136476	
Segment with slip strap for 794 U-3	794 U-303	031702		Threaded Insert:			
Wooden handle for 795-1 2 3 4	795-014	031733		M 6 x 1.0	842-06 K x 1,0	138159	
Rubber pad for 795-1	795-01	031726		M 6 x 1.0	842-06 L x 1,0	138142	
795-2	795-02	031740		M 7 x 1.0	842-07 x 1,0	137961	
795-3	795-03	031757		M 8 x 1.25	842-08 K x 1,25	138173	
795-4	795-04	031764		M 8 x 1.0	842-08 x 1,0	137978	
Sets , consisting of: 2 retainer bolts, 2 lock washers for 798	798-0/4	031849		M 8 x 1.25	842-08 L x 1,25	138166	
798-1	798-01/4	031856		M 8 x 1.25	842-09 x 1,25	137985	
798-3	798-03/6	107513		M 10 x 1.0	842-010 x 1,0	138005	
798-4	798-04/4	031887		M 10 x 1.25	842-010 x 1,25	137992	
798-5	798-05/4	031894		M 10 x 1.5	842-010 K x 1,5	138197	
798-10	798-010/4	031863		M 10 x 1.5	842-010 L x 1,5	138180	
798-6 798-12	798-012/4	031870		M 11 x 1.5	842-011 x 1,5	138012	
Bowden cable complete with fixing kit, 2 x nuts M 4 for 798-15	798-0151	082254		M 12 x 1.0	842-012 x 1,0	138135	
Bowden cable for 798-15	798-0152	082247		M 12 x 1.25	842-012 x 1,25	138029	
Sliding guide device for 798-15	798-0153	082230		M 12 x 1,5	842-012 x 1,5	128808	
Bowden cable for 798-15 A complete with fixing kit, 2 x nuts M 4	798-0151 A	097753		STI Single-Cut Tap for	842 STI-		
Bowden cable for 798-15 A and B	798-0152 A	097760		842-5/24	M 5 x 0,8	140190	
Sliding guide device for 798-15 A and B	798-0153 A	097784		842-6/24	M 6 x 1,0	140206	
Flexible hose for 798-15 B	798-0150 B	142439		842-7 x 1.0/24	M 7 x 1,0	140213	
Blade Set for 822 (5 pieces per set) cardboard packed	822-01/5	033720		842-8 x 1.0/24	M 8 x 1,0	140237	
	822-02/5	033744		842-8/24	M 8 x 1,25	140220	
	822-03/5	033751		842-9 x 1.25/24	M 9 x 1,25	140244	
	822-04/5	033768		842-10 x 1.0/14	M 10 x 1,0	140275	
Replacement hard-metal tip for 825-25	825-025	033928		842-10 x 1.25/14	M 10 x 1,25	140268	
Installation tool for 842-5/24	842-051	120932		842-10/14	M 10 x 1,5	140251	
Pin Breaking Tool for 842-5/24	842-052	120949		842-11 x 1.5/14	M 11 x 1,5	140282	
Installation tool for 842-6/24	842-061	120956		842-12 x 1.0/14	M 12 x 1,0	140305	
Pin Breaking Tool for 842-6/24	842-062	120963		842-12 x 1.25/14	M 12 x 1,25	140329	
Installation tool for 842-7 x 1.0/24	842-0151	140046		842-12 x 1.5/14	M 12 x 1,5	140299	
Installation tool for 842-8/24	842-081	120970		842-12/14	M 12 x 1,75	140312	
Pin Breaking Tool for 842-8/24	842-082	120994		Refill Set 10 pieces			
Installation tool for 842-9 x 1.25/24	842-0161	140053		M 5 x 0,8	842-05/10	124442	
Pin Breaking Tool for 842-9 x 1.25/24	842-0112	140077		M 6 x 1,0	842-06 K x 1,0/10	135196	
Installation tool for 842-10/14	842-0131	121007		M 6 x 1,0	842-06/10	124459	
Pin Breaking Tool for 842-10/14	842-0132	121014		M 6 x 1,0	842-06 L x 1,0/10	135189	
Installation tool for 842-11 x 1.5/14	842-0101	140060		M 7 x 1,0	842-07 x 1,0/10	135080	
Pin Breaking Tool for 842-11 x 1.5/14	842-0102	140084		M 8 x 1,0	842-08 x 1,0/10	135103	
Installation tool for 842-12/14	842-0121	121021		M 8 x 1,25	842-08/10	124466	
Installation tool for 842-14/17	842-0141	121045		M 8 x 1,25	842-08 K x 1,25/10	135226	
Pin Breaking Tool for 842-12/14	842-0122	121038		M 9 x 1,25	842-08 L x 1,25/10	135202	
For 842 BG/13 and 842 G/6 Tapping Bit:				M 10 x 1,25	842-09 x 1,25/10	135110	
M 3	842 IG-M 3	135264		M 10 x 1,0	842-010 x 1,0/10	135134	
M 4	842 IG-M 4	135271		M 10 x 1,25	842-010 x 1,25/10	135127	
M 5	842 IG-M 5	136247		M 10 x 1,5	842-010 K x 1,5/10	135240	
M 6	842 IG-M 6	136254		M 10 x 1,5	842-010/10	124473	
M 8	842 IG-M 8	136261		M 11 x 1,5	842-010 L x 1,5/10	135233	
M 10	842 IG-M 10	135257		M 12 x 1,5	842-011 x 1,5/10	135141	
For 842 BG/13 Twist Drill Bit:				M 12 x 1,75	842-012/10	124480	
2.5 mm	842 B-2,5	136278		M 12 x 1,0	842-012 x 1,0/10	135172	
3.3 mm	842 B-3,3	136285		M 12 x 1,25	842-012 x 1,25/10	135158	
4.2 mm	842 B-4,2	136292		M 12 x 1,5	842-012 x 1,5/10	128785	
5.0 mm	842 B-5,0	136308		M 14 x 1,25	842-014/10	124497	
6.8 mm	842 B-6,8	136315		M 14 x 1,25	842-014 A/10	126354	
8.5 mm	842 B-8,5	136322		M 14 x 1,25	842-014 B/10	126347	
				STI Twist Drill for			
				842-5/24	842 STI-5,2	140091	
				842-6/24	842 STI-6,3	140107	
				842-7 x 1.0/24	842 STI-7,3	140114	
				842-8/24 and 842-8 x 1.0/24	842 STI-8,3	140121	
				842-9 x 1.25/24	842 STI-9,3	140138	
				842-10 x 1.0/14 and 842-10 x 1.25/14	842 STI-10,3	140152	
				842-10/14	842 STI-10,4	140145	
				842-11 x 1.5/14	842 STI-11,4	140183	
				842-12 x 1.0/14 and 842-12 x 1.25/14	842 STI-12,3	140176	
				842-12/14 and 842-12 x 1,5/14	842 STI-12,4	140169	
				STI Combined Drill for 842-14/17	842 Z STI-M 14 x 1,25	140039	

Spare Parts

SPARE PARTS ⑤	HAZET No.	EAN-No. 4000896+		SPARE PARTS ⑤	HAZET No.	EAN-No. 4000896+	
For Reversible Ratchets etc.				For Reversible Ratchets etc.			
Joint connection for 863 G	863 G-013	038503		Repair Set for ratchet wheel 20 = 3/4" ■	1016/8 N	001989	
Plastic handle for 863 P, 863 PC, 864	863 KG-03	038510		consisting of: ratchet wheel, pawl, shift lever, screws, ball, compression spring for 1016, 1016/2, 6132-1 CT, 6143 CT, 6143-01, 6143-1 CT, 6144 CT, 6144-01, 6144-1 CT, 6145 CT, 6145-01, 6145-1 CT, 6146-1 CT			
Repair Set for ratchet wheel 6.3 = 1/4" ■	863 N/6	038541		Insert square for 1058-2	1058-02	111763	
consisting of: ratchet wheel with quick-release press-button, pawl, cap screws, 1 holding down bolt each (small and large), for 863 N				Repair Set for shift lever consisting of: shift lever, screws, ball, compression spring for 1116, 6150-1 CT	1116/6	003228	
Repair Set for ratchet wheel 6.3 = 1/4" ■	863 P/7 N	038596		Repair Set for ratchet wheel 25 = 1" ■	1116/8 N	003235	
consisting of: ratchet wheel, pawl, shift lever, screws, ball, compression spring for 863 G, 863 P, 863 PC, 863 ST				consisting of: shift lever, screws, ball, compression spring, pawl, ratchet wheel for 1116			
Repair Set for ratchet wheel 6.3 = 1/4" ■	863 S/7	048472		Spare Blades			
consisting of: ratchet wheel, pawl, shift lever, screws, ball, compression spring for 863 Q, 863 S				for inside hexagon screwdriver sockets			
Repair Set , consisting of: hinged section, screw and lock washer for 864	864/3	038701		986-4	986-04	065141	
Fixing clamp for 880 KF, 900 KF, 4767 KF	880 KF-01	050123		986-5	986-05	065158	
Fixing clamp for 880 A KF, 900 A KF, 4766, 4766-1, 4767 A KF	880 A KF-01	050130		986-6	986-06	088850	
Repair Set , consisting of: hinged section, screw and lock washer for 8814	8814/3	042050		986-7	986-07	065172	
Repair Set for joint connection consisting of: screw and lock washer for 8814, 8816 G, 8816 GK	8816 G-013	042111		986-8	986-08	065189	
Plastic handle for 8814, 8816 P, 8816 F, 8816 G, 8816 GK, 2593 Lg-17	8816 KG-02	042166		986-10	986-010	065196	
Repair Set for ratchet wheel 10 = 3/8" ■	8816 N/6	042197		for inside hexagon screwdriver sockets with ball hex			
consisting of: ratchet wheel with quick-release press-button, pawl, cap screws, 1 holding down bolt each (small and large), for 8816 N				986 KK-5	986 KK-05	065370	
Repair Set for ratchet wheel 10 = 3/8" ■	8816 P/7 N	042234		986 KK-6	986 KK-06	065387	
consisting of: ratchet wheel, pawl, shift lever, screws, ball, compression spring for 8816 G, 8816 GK, 8816 P, 8816 ST, 6110 CT, 6110-1 CT, 6111-1 CT, 6114-1 CT, 6115-1 CT, 6402-1				986 KK-7	986 KK-07	065394	
Repair Set for ratchet wheel 10 = 3/8" ■	8816 S/7	048465		986 KK-8	986 KK-08	065400	
consisting of: ratchet wheel, pawl, shift lever, screws, ball, compression spring for 8816 S, 6402-1 S				986 KK-10	986 KK-010	065417	
Repair Set , consisting of: hinged section, screw and lock washer for 914-15 and 914-18	914/3	046065		986 KK-12	986 KK-012	065424	
Repair Set for joint connection, consisting of: screw and lock washer for 914-15, 914-18, 916 GK	916 G-013	046188		for inside hexagon screwdriver sockets long style			
Plastic handle for 916 F, 916 SP, 2574, 2574-1	916 KG-02	046225		986 Lg-5	986 Lg-05	065202	
Plastic handle for 916 and 2577-2	916 KG-03	046232		986 Lg-6	986 Lg-06	065219	
Plastic handle for 914-15, 914-18, 916 GK, 771-17, 771-19, 771-21, 771 A-13/16, 772	916 KG-04	046249		986 Lg-7	986 Lg-07	065226	
Repair Set for ratchet wheel 12.5 = 1/2" ■	916 N/6	046270		986 Lg-8	986 Lg-08	065332	
consisting of: ratchet wheel with quick-release press-button, pawl, cap screws, 1 holding down bolt each (small and large), for 916 N				986 Lg-10	986 Lg-010	065349	
Repair Set for ratchet wheel 12.5 = 1/2" ■	916S/7	046300		for inside hexagon screwdriver sockets extra long style			
consisting of: shift lever, 2 screws, ball, compression spring, ratchet wheel and pawl for 916 S as well as for re-equipping 916 SP und 916 GK				986 S Lg-6	986 S Lg-06	065356	
Repair Set for ratchet wheel 12.5 = 1/2" ■	916 SP/7-1	046348		986 S Lg-8	986 S Lg-08	065363	
consisting of: shift lever, screws, ball, compression spring, ratchet wheel and pawl for 916 SP, 916 GK, 916 Lg				for inside screwdriver sockets with internal serration (XZN)			
Repair Set for shift lever , consisting of: shift lever, screws, ball, compression spring for 1016, 1016/2, 6132-1 CT, 6143 CT, 6143-1 CT, 6143-01, 6144 CT, 6144-1 CT, 6144-01, 6145 CT, 6145-1 CT, 6145-01, 6146-1 CT	1016/6	001972		990-5	990-05	065431	
				990-6	990-06	065448	
				990-8	990-08	065455	
				990-10	990-010	065462	
				990-12	990-012	065479	
				for inside screwdriver sockets with internal serration (XZN), long style			
				990 Lg-6	990 Lg-06	065486	
				990 Lg-8	990 Lg-08	065493	
				990 Lg-10	990 Lg-010	065509	
				990 Lg-12	990 Lg-012	065516	
				for inside screwdriver sockets with internal serration (XZN), extra long style			
				990 S Lg-10	990 S Lg-010	065523	
				990 S Lg-12	990 S Lg-012	065530	
				for inside spline screwdriver sockets (Ribe CV)			
				991-5	991-05	065547	
				991-6	991-06	065554	
				991-8	991-08	065561	
				991-10	991-010	065578	
				991-12	991-012	065585	
				991-14	991-014	065592	
				991-16	991-016	065608	
				for inside TORX® screwdriver sockets			
				992-T 20	992-T 020	065622	
				992-T 25	992-T 025	065738	
				992-T 27	992-T 027	065745	
				992-T 30	992-T 030	065752	
				992-T 40	992-T 040	065769	
				992-T 45	992-T 045	065776	
				992-T 50	992-T 050	065783	
				for tamper-resistant TORX® screwdriver sockets			
				992-T 30 H	992-T 030 H	065790	
				992-T 40 H	992-T 040 H	065806	
				992-T 45 H	992-T 045 H	065813	
				992-T 50 H	992-T 050 H	065820	

SPARE PARTS [®]	HAZET No.	EAN-No. 4000896+		SPARE PARTS [®]	HAZET No.	EAN-No. 4000896+	
for 1777-1/6				Various Spare Parts			
Spindle M 14 x 1.5 x 155	1777-01	134267		Hickory handle for 1952-23	1952-01	008360	
Puller Hook 120 mm	1777-02	134274		for 1952-28	1952-02	008377	
Puller Hook 170 mm	1777-03	134281		for 1952-35	1952-03	008407	
Crossbar	1777-04	134298		for 1952-40	1952-04	008421	
for 1786 FH/7				for 1952-50	1952-05	008445	
Puller Hook 150 mm	1786 F-150	134717		for 1952-60	1952-06	008469	
2-arm crossbar	1786-22	134694		Spare Head for			
3-arm crossbar	1786-33	134700		1953-23	1952-023	008384	
for 1786 FS/6				1953-28	1952-028	008391	
Spindle M 14 x 1.5 x 140	1786-01	134724		1953-35	1952-035	008414	
Puller Hook 100 mm	1786 FS-100	134755		1953-40	1952-040	008438	
2-arm crossbar	1786-21	134731		1953-50	1952-050	008452	
3-arm crossbar	1786-31	137930		1953-60	1952-060	008476	
for 1786 FS/6				1953-30	1953-030	008575	
Spindle M 14 x 1.5 x 140	1786-01	134724		1953-35	1953-035	008582	
Puller Hook 100 mm	1786 S-100	134762		1953-40	1953-040	008599	
Puller Hook 250 mm	1786 S-250	134786		1953-50	1953-050	008612	
2-arm crossbar	1786-2	139422		1953-60	1953-060	008629	
3-arm crossbar	1786-3	134748		Set, consisting of: 1 handle and 2 screws for 1959-3	1959-03/3	008711	
for 1786 FS/6				Spare blade with 3 pins for 1960	1960-01	008742	
Spindle M 14 x 1.5 x 140	1786-01	134724		Set, consisting of: 1 spring, 1 screw sleeve, 2 Unbrako-screws, 2 lock washers for 1961	1961-01/6	008773	
3-arm crossbar	1786-3	134748		Springs for 1962 N	1962 N-2	008841	
for 1786 S-2				Set of screws for 1962 N	1962 N-4	008858	
Spindle M 14 x 1.5 x 210	1786 S-03	134793		Template for 1962 N	1962 N-5	008865	
3-arm crossbar	1786-4	134809		Plastic washer for 1962 N	1962 N-6	008872	
for 1786 FS/6				for Hand Riveting Tool 1963			
Spindle M 14 x 1.5 x 140	1786-01	134724		* = available in set only, consisting of: grip 1963-015 for body, grip 1963-016 for handle	1963/02	008964	
2-arm crossbar	1786-2	139422		Set, consisting of: jaw pusher 1963-06, jaw pusher spring 1963-07, cap screw 1963-08	1963/03	008971	
Spindle M 14 x 1.5 x 210	1786 S-03	134793		Set, consisting of: 1 bolt 1963-012, 2 bolts 1963-013, 2 snap rings 1963-014	1963/05	008988	
2-arm crossbar	1786-5	134847		Nosepiece,			
Various Spare Parts				1.8 mm hole Ø	1963-01018	008896	
Various Spare Parts Telescopic spring for 1805-3, 1806-1 up to -4	1806-01	006175		ditto 2.4 mm hole Ø	1963-01024	008902	
Spare plastic jaws (pair) for 1815-230	1815-01/2	079643		ditto 2.7 mm hole Ø	1963-01027	008919	
Replacement tips, straight for 1846 a-5	1846 a-05/2	081288		ditto 2.9 mm hole Ø	1963-01029	008926	
1846 a-6	1846 a-06/2	081301		ditto 3.2 mm hole Ø	1963-01032	008933	
Conversion tips, bent at 90°, to convert the Pliers 1846 a-5	1846 b-05/2	081318		Jaw housing	1963-04	008940	
1846 a-6	1846 b-06/2	081325		Jaws (2 pieces)	1963-05	008957	
Replacement tips, straight for 1846 c-5	1846 c-05/2	081349		Jaw pusher -06* Pivot pin -012* Grip: for body -015*			
1846 c-6	1846 c-06/2	081363		Jaw pusher spring -07* Pivot pin -013* for body -015*			
Conversion tips, bent at 90°, to convert the Pliers 1846 c-5	1846 d-05/2	081370		Cap screw -08* Snap ring -014* for handle -016*			
1846 c-6	1846 d-06/2	081387		* = available in Set only (Sets 1963/02, 1963/03 and 1963/05)			
Hickory handle for body and fender hammers 1935, 1937 K, 1938 K, 1939 K, 1940, 1942, 1943, 1949-2	1900-01	007417		Various Spare Parts			
ditto for 1944, 1945, 1949-1	1900-02	007424		Replacement punching set consisting of: punch, die plate, screw and headless screw for 1964-50	1964-050	008995	
2 lock nuts and 2 screws for joint in 1932 and 1964	1932-004	007783		ditto for 1964-55	1964-055	009008	
Telescopic spring for 1932 and 1964	1932-005	007790		ditto for 1964-70	1964-070	009015	
Repair Set, consisting of: 1 pair of jaws, 15 mm wide, 2 screws and 2 sleeves for 1932-1, -2, -5	1932-1/6	007820		Cutter crowns, set of 10 pieces for 1967	1967-01	009329	
Repair Set, consisting of: 1 pair of jaws, 30 mm wide, 2 screws and 2 sleeves for 1932-1, -2, -5	1932-2/6	007905		Centre tip for 1967	1967-02	009336	
Repair Set, consisting of: 1 die, 1 pan and 2 headless screws for 1932-6	1932-6/4	007981		Plastic cap for 1973-1	1973-01	009657	
Rubber tip for 1948	1948-50	008308		Mirror and 2 spare bulbs for 1977-1	1977-01/3	009794	
				Spare bulb	1977-02	070442	
				Spare bulb	1978-01	076154	
				Saw blade made of chrome-alloyed tool steel	1981-01	009848	
				Plastic clip, empty, for 2100/6 H	2100/6 HL	011568	
				2105 Lg/10 H	2105 A Lg/10 HL	086030	
				2105 Lg/9 H	2105 Lg/9 H L	012022	
				2116 Lg/8 H	2116 Lg/8 HL	051502	

Spare Parts

SPARE PARTS 	HAZET No.	EAN-No. 4000896+		SPARE PARTS 	HAZET No.	EAN-No. 4000896+	
Various Spare Parts				Various Spare Parts			
Plastic handle for				90° mirror (side-view adapter)	4811-2	109685	
2119 - 2122	2122-G 11	012442		• Extends the field of view to a 90° aperture angle			
2119 - 2122	2122-G 13	012459		• The endoscope's outside diameter (6 mm) remains the same			
Hickory handle for hammer for				• Tight screwing for safe fixation (unlosable)			
2140-2	2140-020	012589		• Image angle 40°			
2140-3	2140-030	012596					
2140-4	2140-040	012602		110° mirror (side-view adapter)	4811-3	115891	
2140-5	2140-050	012619		• Extends the field of view to a 90° aperture angle			
2140-8	2140-080	012626		• The endoscope's outside diameter (6 mm) remains the same			
2140-10	2140-0100	012572		• Tight screwing for safe fixation (unlosable)			
Scriber tip, 2 mm Ø, for 2150-2	2150-02	013029		• Image angle 40°			
Diaphragm for Stethoscope 2151	2151-01	013050		Spare bulb	4811-01	110377	
Ear tips for 2151, per pair	2151-02/2	062287		Scale Plate for 4851-1	4851-01	057115	
Tubular lamp (Soffitte) for 2153	2153-00	013128		Spare blades , set of 2 pieces	4852-01/2	051496	
Snap-off Blades (7 break-away parts)	2157-04	013210		22 mm depth of cut			
100 x18 mm set of 10 pieces				Spare blades , set of 2 pieces	4852-02/2	056446	
Straight Blades , set of 10 pieces	2157-05	013227		15 mm depth of cut			
Hook Blades , set of 10 pieces	2157-06	013234		Safety Shearing Pin for 4900-1	4900-01	056125	
Set , consisting of: Strap and rivet for 2170	2170/2	013388		Replacement set for Spring Vice	4900-02/7	063437	
Strap for 2171-5	2171-05	013395		4900-1 and 4900-2			
ditto for 2171-6	2171-06	013401		consisting of: 5 straight pins and 2 O-rings			
Adapter for 2172	2172-1	013494		Replacement set for Spring Vice	4900-02A/3	069415	
Tension element with O-Ring for 2173-1	2173-1/5	013548		4900-1 A and -2 A			
for 2173-2	2173-2/5	013579		consisting of 2 straight pins and 1 O-ring			
Centre body	2174-01	013616		Repair Set consisting of:	4910-1/7	064533	
Lock nut	2174-02	013623		ratchet wheel complete, pawl, shift lever,			
Tension nut	2174-03	013630		2 screws, ball and compression spring			
Center shaft	2174-04	013647		for 4910-1			
Large collet 22 mm Ø	2174-05	013654		O-ring 4 mm Ø for 4970-1 and 4970-2	4970-04	053018	
ditto 15 mm Ø	2174-06	013661		ditto M 8	2577-208	016983	
Cutter wheel for 2180-2 and 2181-1	2180-021	061860		Pull handle	4852-3	129454	
Replacement cutting wheel for 2182-1	2182-01	076734		Counterholder	4852-4	129461	
Toggle screw for 2193	2193 A-03	143559		Wire starter	4852-5	129478	
Toggle nut for 2193	2193 A-04	143566		For Reversible Ratchets etc.			
Eye screw for 2193	2193 A-05	143573		Repair Set for ratchet wheel 10 = 3/8" ■	8816 P/7 N	042234	
Repair Set for ratchet wheel 6.3 = 1/4" ○	2264/7	015917		consisting of: ratchet wheel, pawl, shift lever,			
consisting of: ratchet wheel, pawl, shift lever,				screws, ball, compression spring			
screws, ball, compression spring				for 8816 G, 8816 GK, 8816 P, 8816 ST,			
for 2264				6110 CT, 6110-1 CT, 6111-1 CT,			
Repair Set for ratchet wheel 8 = 5/16" ○	2264-1/7	015900		6114-1 CT, 6115-1 CT, 6402-1			
consisting of: ratchet wheel, pawl, shift lever,				Repair Set for shift lever , consisting of:	1016/6	001972	
screws, ball, compression spring				shift lever, screws, ball, compression spring			
for 2264-1, 6408-1				for 1016, 1016/2,			
Plastic fulcrum with pin and lock ring for	2577-02	016921		6132-1 CT, 6143 CT, 6143-1 CT, 6143-01,			
2577-2				6144 CT, 6144-1 CT, 6144-01			
Fixing bolt for 2577-207/2 and -208/2	2577-201	016952		6145 CT, 6145-1 CT, 6145-01, 6146-1 CT			
Retainer M 7 - without fixing bolt -	2577-207	016969		Repair Set for ratchet wheel 20 = 3/4" ■	1016/8 N	001989	
Spring for 2769-3	2769-30	017812		consisting of: ratchet wheel, pawl, shift lever,			
Set , consisting of: socket, screw and lock	2944-10/3	018321		screws, ball, compression spring			
washer for 2944-10				for 1016, 1016/2,			
Spare tips (pair) for Special Pliers 4659-1	4659-01/2	103249		6132-1 CT, 6143 CT, 6143-01, 6143-1 CT,			
Spare chain for 4682	4682-01	022175		6144 CT, 6144-01, 6144-1 CT,			
Repair Set (9 pieces) for cutting chain 4682-01	4682-01/9	057214		6145 CT, 6145-01, 6145-1 CT, 6146-1 CT			
Tommy screw for 4682	4682-02	061747		Replacement display window	5000 CLT-02	117154	
Tommy bar for 4762, 4762-1	4762-4	049448		for CLT-Torque Wrenches			
Rubber retainer for 880 TZ-20,8 (1 3/16")	4762-5	049455		Sliding square tang 10 = 3/8" ■	5110-01	049691	
880 Lg-20,8				for 5110-1 CT			
900 TZ-20,8 900 Lg-20,8 962				Sliding square tang 10 = 3/8" ■	5110-02	022373	
2505-1 2505-2 4762 4764				for 5110 CT, 5110 ST, 5110-1			
Rubber retainer (16 mm) for 4762-1, 2506	4762-6	049462		Sliding square tang 12.5 = 1/2" ■	5121-01	022410	
Tommy bar for 3761, 3861	4767-04	049486		for 5121-1 CT, 5122-1 CT, 5123-1 CT			
Tommy bar for 4767 KF, 4767 A KF,	4767-42	049479		Repair Set for shift lever	1116/6	003228	
4767 A MgT-1				consisting of: shift lever, screws, ball,			
Spare bulb for 4810-5	4810-01	128235		compression spring for 1116, 6150-1 CT			
Ring, black with fixing screw for 4810 A	4810 A-01	076338		Please observe the following characteristics:			
Ring cover, with pin for 4810 A	4810 A-02	076376		1. Shift lever, burnished (black)			
Eyeshade, rubber, black for 4810 A	4810 A-03	076383		2. Replaceable head			
Optic adjusting screw for 4810 A	4810 A-04	076390		3. Since 1985 – ergonomic plastic handle			
Sight glass for 4810 B	4810 B-01	082537		Repair Set for lock ,	6110-26	025046	
Pipette for 4810 A, 4810 B	4810 B-05	082650		consisting of: lock spring, lock cap, cylinder,			
				key, 2 headless screws			
				for 6110 CT			

SPARE PARTS 	HAZET No.	EAN-No. 4000896+		SPARE PARTS 	HAZET No.	EAN-No. 4000896+	
For Torque Wrenches				For Torque Wrenches			
Repair Set for twist lock , consisting of: lock spring, twist lock with 2 headless screws for 6010-1 CT, 6110-1 CT, 6290-1 CT	6110-27	025053		Repair Set for ratchet wheel 6.3 = 1/4" ■ consisting of: ratchet wheel, pawl, shift lever, screws, ball, compression spring for 6401-1 S	6401-1 S/7	111152	
Repair Set for shift lever , consisting of: shift lever, screws, ball, compression spring, spring washer, locking for 5121-2 CLT, 5121-2 CT, 5122-2 CLT, 5122-2 CT, 5122 ST-1 5123-2 CLT, 5123-2 CT, 6121-1 CT, 6121 CT, 6122-1 CT, 6122 CT, 6123-1 CT, 6123 CT, 6127-1 CT, 6128-1 CT, 6722 TAC	6122/7	025329		Repair Set for shift lever , consisting of: shift lever, screws, ball, compression spring and pawl for 6403-1, 6403-1 S, 6404-1, 6404-1 S	6403-1/7	070756	
Repair Set for ratchet wheel 12.5 = 1/2" ■ consisting of: ratchet wheel, pawl, shift lever, screws, ball, compression spring, spring washer, locking for 5121-2 CLT, 5121-2 CT, 5122-2 CLT, 5122-2 CT, 5122 ST-1, 5123-2 CLT, 5123-2 CT, 6121 CT, 6121-1 CT, 6122-1 CT, 6122 CT, 6123-1 CT, 6123 CT, 6127-1 CT, 6128-1 CT, 6722 TAC	6122/9 N	025343		Repair Set for ratchet wheel 12.5 = 1/2" ■ consisting of: ratchet wheel, pawl, shift lever, screws, ball, compression spring, spring washer, locking for 6403-1 S, 6404-1 S	6403-1 S/9	070817	
Repair Set for lock , consisting of: lock spring, lock cap, cylinder, key, 2 headless screws for 6121 CT, 6122 CT, 6123 CT	6122-26	025282		Repair Set for ratchet wheel 6.3 = 1/4" ○ consisting of: ratchet wheel, pawl, shift lever, screws, ball, compression spring for 6408	6408/7	111145	
Repair Set for cylinder lock , consisting of: cylinder, lock cap, lock spring, key and cylinder lock for 6143 CT, 6144 CT, 6145 CT	6144-0/5	025503		Sliding square tang 12.5 = 1/2" ■ for 5121 CT, 5121 ST, 5121-1, 5122 CT, 5122 ST, 5122-1 5123 CT, 5123 ST, 5123-1	6414-1	027675	
Repair Set for twist lock , consisting of: lock spring, twist lock with 2 headless screws for 5121-2 CLT, 5122-2 CLT, 5123-2 CLT 6021-1 CT, 6022-1 CT, 6023-1 CT, 6111-1 CT, 6115-1 CT, 6121-1 CT, 6122-1 CT, 6123-1 CT, 6127-1 CT, 6128-1 CT, 6291-1 CT, 6292-1 CT, 6293-1 CT, 6722 TAC, 6291-2 CT	6122-27	025299		Various Spare Parts			
Repair Set for optical signal transmitter , consisting of: red button, compression spring, black housing, pin, screw for 6021-1 CT, 6022-1 CT, 6023-1 CT, 6110 CT, 6110-1 CT, 6111-1 CT, 6114-1 CT, 6115-1 CT, 6121 CT, 6121-1 CT, 6122 CT, 6122-1 CT, 6123 CT, 6123-1 CT, 6127-1 CT, 6128-1 CT, 6291-2 CT, 6291 CT, 6292-1 CT, 6293-1 CT	6122-29	025305		Slipping clutch for Mechanical Angle Dial 6690	6910-01	029334	
Reversible ratchet with screw , complete (exchangeable): 20 = 3/4" ■ until end of 2004 for 6132-1 CT, 6143 CT, 6143-1 CT, 6144 CT, 6144-1 CT, 6145 CT, 6145-1 CT, 6146-1 CT	6143-01	111190		Battery charger for 7292-1 EC	7292-230	050604	
Repair Set for twist lock , consisting of: twist lock, lock spring and cylinder screw for 6132-1 CT, 6143-1 CT, 6144-1 CT, 6145-1 CT, 6150-1 CT, 6243-1 CT, 6244-1 CT, 6245-1 CT, 6246-1 CT, 6294-1 CT, 6295-1 CT, 6296-1 CT	6144-01/3	025527		for Pneumatic Tools			
Reversible ratchet with pin , complete (exchangeable): 20 = 3/4" ■ since the year 2005 for 6132-1 CT, 6144 CT, 6144-1 CT, 6145 CT, 6145-1 CT, 6146-1 CT	6145-01	111206		Sander pads for Orbital Sander 9033-1. With 6 holes For metal working. Ø 150 mm			
Torque insert lock with screw for 6243-1 CT, 6244-1 CT, 6245-1 CT, 6294-1 CT, 6295-1 CT until end of 2004, 6296-1 CT until end of 2004	6294-01	026180		10 pieces			
Torque insert lock with pin since the year 2005 for 6295-1 CT, 6296-1 CT	6296-01	111213		Grain 80	9033-180/10	139330	
Repair Set for ratchet wheel 6.3 = 1/4" ■ consisting of: ratchet wheel, pawl, shift lever, screws, ball, compression spring for 5108-2 CT, 6108-1 CT, 6109-1 CT, 6109-2 CT, 6401-1	6401/7	111169		Grain 100	9033-1100/10	139347	
Repair Set for shift lever consisting of: shift lever, screws, ball, compression spring for 6108-1 CT, 6109-1 CT, 6109-2 CT, 6401-1, 6401-1 S, 6408	6401-1/6	146048		Grain 120	9033-1120/10	139354	
				Grain 150	9033-1150/10	139361	
				Suction hose for Orbital Sander 9033-1	9033-01	145614	
				• Suction hose 6 m long			
				• With tool holder on both ends for Orbital Sander 9033-1			
				• Plastic			
				Replacement grinding disc (6 holes) for Orbital Sander 9033-1	9033-010	139378	
				• Medium hard			
				• With loop fastener			
				• Ø 150 mm with 5/16" threaded mount			
				Grinding disc with 9 holes (15 holes per hole) for Orbital Sander 9033-1	9033-011	144280	
				• Medium hard with fiber-reinforced rear side			
				• With loop fastener			
				• Ø 150 mm with 5/16" threaded mount			
				5 Cut-off wheels 100 x 0.8 x 9.53 (3/8") mm	9033-08/5	144310	
				• Suitable for HAZET Angle Grinder 9033-8			
				• For cutting thin-walled metal sheet and steel			
				• According to CEN standard 12413 and OSA directives			
				Sanding belts for Belt Sander 9033-4 330 x 10 mm. 10 pieces.			
				Grain 80	9033-480/10	139101	
				Grain 100	9033-4100/10	139118	
				Grain 120	9033-4120/10	139125	
				Saw blades for Sabre Saw 9034-1			
				• 5 pieces			
				• 75 mm total length			
				• Tool holder 1 x 13 mm			
				18 teeth	9034-018/5	139392	
				24 teeth	9034-024/5	139408	
				32 teeth	9034-032/5	139415	
				Spare needles for Needle Scaler 9035-5 19 needles, Ø 3 mm	9035-050	139385	
				Spare parts set (punch and template incl.)	9036-01/4	142552	
				Spare parts set (upper and lower cutter incl. screws)	9036-05/9	142569	

Spare Parts

Boxes, empty		HAZET No.	EAN-No. 4000896+		Plastic / Soft Foam Inserts	HAZET No.	EAN-No. 4000896+	
without plastic insert, to be ordered separately					PUR = foam inserts PL = plastic inserts for boxes on page 248			
suitable for tool set	outside box size mm				suitable for tool set			
plastic 805/7, 806/7, 807/7, 808/7	205 x 125 x 20	805 KL	032679		161-22 P/4	161-22 PL	004515	
					161-23 P/3	161-23 PL	004539	
plastic 850, 850-1, 850 A, 850 TQ, 851, 851 AZ, 880 MgT/4, 1557/9, 1557/10, 2200/36	167 x 97 x 37	850 KL	037582		161-24 P/8	161-24 PL	004553	
					161-25 P/3	161-25 PL	004577	
					161-26 P/18	161-26 PL	004591	
metal 1557 N/22, 2800/18	320 x 128 x 44	853 KL	038312		161-27 P/11	161-27 PL	004614	
					161-28 P/17	161-28 PL	004638	
plastic 844/4, 852 N, 852-1, 852 A N, 852 A-1, 854, 854-1, 854 F, 880 G/8, 1557/32	187 x 125 x 39	854 KL	038398		161-29 P/9	161-29 PL	004652	
					161-31 P/11	161-31 PL	004690	
					161-32 P/11	161-32 PL	053926	
plastic 436 N/11, 669-1, 849, 855, 880-1, 880 N-1, 884 N-1, 884 AN-1, 880 ZN-1, 884 ZN-1, 884 AZ N-1, 1557/29, 2240/103, 2240/95	279 x 121 x 47	880-1 KL	039012		161-35 P/4	161-35 PL	053957	
					161-36 P/8	161-36 PL	057030	
					161-37 P/8	161-37 PL	057016	
					161-38 P/79	161-38 PL	059539	
					161-39 P/8	161-39 PL	059515	
					161-40 P/7	161-40 PL	060115	
plastic 536/15, 853, 880-2, 882, 885 N, 889 N, 932 N, 938 N, 932 ZN, 1557/21, 2575/144, 4910/13	344 x 188 x 56	885 KL	042586		161-41 P/22	161-41 PL	060856	
					161-42 P/17	161-42 PL	060863	
					161-43 P/45	161-43 PL	060870	
					161-44 P/13	161-44 PL	060887	
metal 430-1, 881 AZ, 900 S, 905, 905 Z, 905 AZ, 1555/64, 6290-1 CT/29	435 x 215 x 62	900 KL	043866		161-45 P/10	161-45 PL	060894	
					161-46 P/9	161-46 PL	061891	
					161-47 P/8	161-47 PL	061907	
plastic 900, 900 AN, 900 Z, 900 AZ, 906, 906 Z, 907, 907 AMZ, 907 Z, 907 AZ, 932 AZ, 954 N, 1557/58	410 x 216 x 65	901 KL	045716		161-49 P/28	161-49 PL	073450	
					161-50 P/30	161-50 PL	095247	
					161-52 P/58	161-52 PL	095261	
					161-53 P/27	161-53 PL	095575	
					161-54 P/4	161-54 PL	098477	
					161-56 P/4	161-56 PL	098460	
					161-57 P/4	161-57 PL	109258	
					161-58 P/13	161-58 PL	119646	
Bottom part for box, metal 0-111/116	410 x 216 x 65	901 KL-UT	058112		161-59 P/9	161-59 PL	119653	
metal 793/3, 880 A ZN-1, 985, 4793/3	320 x 128 x 58	930 KL	046522		161-60 P/42	161-60 PL	123032	
					161 P/55, 161 P/58	161 PL	004911	
metal 888 N, 888 Z N, 888 AZ N, 1000, 1002, 1000 Z, 1002 Z, 1000 AZ, 1002 AZ, 1530 M/49, 1530 A/38, 1550/32, 1900/6, 4500/42, 6292-1 CT/20, 6292-1 CT/28	578 x 235 x 88	1000 KL	001200		430-1	430-1 PL	019700	
					435/11	435/11 PL	079797	
					450 N/8	450/8 PL	061761	
					536/15	536-1 PUR	077205	
					600 N/8	600 N/8 PL	057139	
					606/6	606/6 PL	115914	
metal 1100, 1100 Z	780 x 319 x 113	1100 L	002191		606/12	606/12 PL	118045	
metal 1905/10 N	755 x 310 x 120	1905 KL	007455		613/6	613/6 PL	071333	
					669-1	669-1 PUR	089192	
metal 2191/12 K, 2191A/10 K, 2191 MA/18 K, 2193/4 K, 2575/104	290 x 173 x 50	2191 KL	013975		793/3	793/3 PL	031580	
					800/6	800/6 PL	055319	
					801/6	801/6 PL	083190	
					801 TH/5	801 T H/5 PL	085743	
metal 986/9, 990/9, 992/9 1557 N/9, 1557/15, 1557 N/17, 1557/20, 2272/17, 2351/15	225 x 123 x 46	2272 KL	015993		801 TH/7	801 TH/7 PL	087983	
					803/10	803/10 PL	083183	
					803/13	803/13 PL	098521	
					803/6, 803/6-1, 803/6-2	803/6 PL	083176	
Box for battery service, empty		4650 L	022069		805/7, 806/7, 807/7, 808/7	805/7 PL	032662	
wood 4660-1/12 up to 4660-34/10 except 4660/18		4660/12 KL	057566		803 VDE/6	810 VDE/6 PL	057146	
					844/4	844/4 PUR	035861	
					844/5	844/5 PUR	035885	
wood 4660/18		4660/18 KL	062720		849	849 PUR	036172	
Case, empty, with insert		4800/9 KL	049820		850-1	850-1 PUR	036356	
					850	850-PUR	036813	
Case, empty for 4811-1/2		4811-1/2 KL	118311		850 T	850 T-PUR	071760	
					851, 851 AZ	851 PUR	038183	
plastic 4930		4930 KL	082667		852-1	852-1 PUR	038244	
					852 A-1	852 A-1 PUR	038268	
plastic 4970		4970 KL	089253		852 A N	852 A N-PUR	038282	
					852 N	852 N-PUR	038305	

Plastic / Soft Foam Inserts	HAZET No.	EAN-No. 4000896+		Plastic / Soft Foam Inserts	HAZET No.	EAN-No. 4000896+	
PUR = foam inserts PL = plastic inserts for boxes on page 248				PUR = foam inserts PL = plastic inserts for boxes on page 248			
suitable for tool set				suitable for tool set			
854-1 854 T	854-1 PUR	038367		2500 PL/10	2500-5 PL	077137	
854 F	854 F-PUR	071500		HAZET plastic drawer insert 10 pieces suitable for assortment 0-2500/100 for Tool Trolley <i>Assistant</i>	2500 PL/10	079803	
854	854 PUR	049523		2800/18	2800/18 PL	018208	
855	855 PUR	038466		6290-1 CT/29	6290-1/29 PL	026036	
880-1	880-1 PUR	039029		6292-1 CT/20	6292-1/20 PL	026111	
880-2	880-2 PUR	039074		6292-1 CT/28	6292-1/28 PL	026128	
880 G/10	880 G/10 PL	121083					
880 G/8	880 G PUR	040636					
880 MgT/4	880 MgT/4 PUR	040919					
880 N-1	880 N-1 PUR	040933					
881 AZ	880 PL	040940					
882	882 PUR	042470					
884 A N-1	884 A N-1 PUR	042500					
884 AZ N-1	884 AZ N-1 PUR	042524					
884 N-1	884 N-1 PUR	042548					
885 N	885 N PUR	042609					
888 N, 888 Z N, 888 AZ N top and bottom part	888 PL	042630					
889 N	889 N PUR	042678					
900 A N, 900 A Z	900 A N PUR	043521					
900, 900 Z	900 PUR	044078					
900 S	900 S-PL	057122					
905, 905 Z, 905 AZ	905 PL	045860					
906, 906 Z	906 PUR	045914					
907 AMZ	907 AMZ PUR	045976					
907, 907 Z	907 PUR	045990					
923/4	923 PL	061181					
932 AZ N	932 AZ N PUR	046546					
932, 932 Z N	932 N PUR	046560					
938 N	938 N PUR	046614					
954 N	954 N PUR	046638					
958/6	958/6 PL	073191					
985	985 PL	046867					
986/9	986/9 PL	051571					
990/9, 992/9, 1557 N/9	992/9 PL	051588					
1002, 1002 Z	1000-1 PL	000630					
1000 AZ	1000-2 PL	000685					
1000, 1000 Z, 1002 AZ	1000-3 PL	000777					
1530 M/49, 1530 A/38 top and bottom part	1530 PL	003532					
1555/64	1555 PL	003686					
1557/10	1557/10 PUR	003747					
1557/15	1557/15 PL	003778					
1557/20	1557/20 PL	003815					
1557/21	1557/21 PUR	003839					
1557/29	1557/29 PUR	003853					
1557/32	1557/32 PUR	003877					
1557/58	1557/58 PUR	003891					
1557/9	1557/9 PUR	003938					
1557 N/17	1557 N/17 PL	003952					
1557 N/22	1557 N/22 PL	003976					
990 S Lg-P/3	2191-11 PL	054367					
900-E/5, 986-P/5, 990-P/5, 992 H-P/5	2191-1 PL	054350					
986 KK-P/6	2191-22 PL	054381					
986 S Lg-P/5	2191-3 PL	054374					
2191/12 K, 2191 A/10 K, 2191 MA/18 K	2191 PL	013999					
2193/4 K	2193 PL	014095					
2200/36	2200/36 PUR	063390					
2240/95 2240/103	2240/103 PUR	015429					
2272/17	2272 PL	016006					
2351/15	2351 PL	016228					
2500 PL/10	2500-1 PL	076659					
2500 PL/10	2500-2 PL	076666					
2500 PL/10	2500-3 PL	076673					
2500 PL/10	2500-4 PL	076680					

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Body			
Angular adjustment of the wiper blades (refer to vehicle manufacturer's instructions)	4851-1		200
Inspection/Diagnostics in areas with restricted access	4811-1/2 -2/2		198
Installing and removing car radios of different vehicle and car radio manufacturers	4655-1		186
Installing and removing stop springs of window cranks	799		66
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Removing glued car windows	4852/6		200
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Brakes			
Adjustment of the sensors of the antilocking system (ABS) Control of the spark plug air gap	2147 MS		145
Brake bleeding	4968-7 up to -11		216
Brake calliper screws (span of the jaw 7 mm) replacement of brake linings	986-7		103
Cleaning disc brake callipers	4968-1		216
Cleaning disc brake callipers	4968-2		216
Control of the wear/abrasion of brake drums	4955-1		214
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Hand brake cables on drum brakes	4968-4		216
Measuring the thickness of brake discs	4956-1 -2		215
Readjusting brake pistons	4970/6		216
Retaining springs of brake linings (rear drum brakes)	797		66
Safety bolts (Ø 4 mm) on rear disc brakes	748 Lg b-4		63
Screwed connection of brake lines – antilocking system ABS (span of the jaw 11 and 12 mm)	4966		215
Screwed connections of brake lines (span of the jaw 10 or 11 mm)	612 N-10 -11		58
Spring plates with retaining springs device (drum brake/brake lining)	4963-1		215
Testing the brake fluid	4954-1		214
Chassis			
Change of built-in wheel-bearings	4930-1/16		211
Coil spring operation when changing shock absorbers (please refer to table on page 195)	4900		202
Extraction of full floating axles (Ø 100-150 mm)	1969-14 -15		138
Extraction of wheel hubs	4935-1/34		213
Repair work at the spring strut, e.g. shock absorbers, bearings of shock absorber legs, coil springs	4910 a. 4911		209
Screwed connections and counter nuts on track rods	4950		214
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Drivetrain			
Control of anti-freezing liquid concentration (V.A.G. – G 12)	4810 B		197
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Removing valve stem seals (2-valve engines)	791-5	2-valve engines	65
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Testing cooling systems	4800/7		196
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Installing and removing glow plugs (span of the jaw 10 mm) (diesel engines)	2530	diesel	159
Installing and removing glow plugs (span of the jaw 12 mm) (diesel engines)	4760-1	diesel	193
Installing and removing glow plugs (span of the jaw 12 mm) (diesel engines)	4760-8 x 12	diesel	194

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GENERAL APPLICATION			
Engine Electrics			
Installing and removing glow plugs (span of the jaw 12 mm) (diesel engines)	880 TZ-12	diesel	89
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Installing and removing spark plug sockets	1849-1		131
Installing and removing spark plug sockets	1849-2		131
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Installing and removing the V(-ribbed) belt pulley at the generator (BOSCH)	4641/2		185
Installing and removing wedge base bulbs (dashboard, switches)	4659-1		188
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Cutting exhaust pipes up to 2.5 mm wall thickness and 80 mm Ø	4682		193
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Installing and removing rubber retainers of exhaust systems	4684-1 -2		193
Fuel Supply			
Carburettor adjusting (Pierburg), idle running and CO-values	4517		182
Injection type engine – mixture control at the flow distributor (K-Jetronic)	4516		182
Installing and removing the injection nozzle on diesel engines (span of the jaw 27 mm)	4555 N	diesel	183
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Gearbox / Shafts			
Axle boot clamps	1847-1		131
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Endless hose clamps on axle boots	1847-10		131
Installing special steel clamps on axle boots made of Hytrel® (in conjunction with torque wrench – Attention: Please observe the torque value regulations!)	1847 a. 6110-1 CT		130
Progressively adjustable clamps without lug-holding-down device on axle boots	1847-11		131
Hose Coupling			
Clic-type hose clamps	798-2		66
Hose clamps, e.g. on cooling and heating circuits	426		53
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Wheels			
Damage-free wheel mounting and dismounting	903 S Lg		99
Installing and removing the tire valve cores	666-1		61
Installing tire pressure sensors and the corresponding special tire valves	669-1		61
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Removing stick-on weights	667		61

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GENERAL APPLICATION			
Wheels			
Removing wheel nut caps on aluminium rims without damage	666-10		61
Wheel hub cleaning	4960-45/14 - 160/4		215
Wheel nuts/bolts	902 S Lg		99
BMW			
Body			
Screws at the seat frame cover plate and adjusting the steel sliding roof	2223 Lg-T 25	3- and 5-series	153
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Chassis			
Coil spring at the rear axle	4902/6	E87, E90, E91	209
Wheel bearing unit, front fastening nut (span of the jaw 46 mm)	1000-46	316, 318, 320, 323, 325, M3 (motor sport)	110
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Drivetrain			
Cylinder head bolts (outside TORX® screws E 12)	2925	engine M 42, 1.8 l, 4 cyl. with 4-valve technique 318is since 1989, engine M 50, 2.0 l, 2.5 l 6 cyl. with 4-valve technique, 5-series since 1991	169
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Installing and removing glow plug sockets	4760-5	new generation of diesel engines	194
Installing and removing spark plugs (span of the jaw 16 mm = 5/8")	880 A KF	multi-valve engines	91
Installing and removing spark plugs (span of the jaw 17.5 mm = 11/16")	880 A Mg T-3	M 3, M 5 (motor sport)	91
Installing and removing spark plugs (span of the jaw 20.8 mm = 13/16")	880 KF	2-valve engines	91
Fuel Supply			
Installing and removing injection nozzles (span of the jaw 27 mm)	4555-1	diesel M 21: E 30 = 324 TD, E 28 = 524 TD, E 34 = 524 TD; diesel M 51: E 36 = 325 TD, E 34 = 525 TDS	183
Screws on injection pipes (span of the jaw 17 mm)	4550	diesel engines	183
Gearbox / Shafts			
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Gearbox screws (outside TORX® screws E 10, E 12, E 14)	880 G-E 10, 12, 14	3-series E30 until 1989, E36 since 1989, 5-series E28 until 1989	90
Screws at the switchgear of automatic gearbox	2223-T 27		153
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CHRYSLER			
Drivetrain			
Cylinder head bolts (screws with internal serration XZN)	990 LG-14	VM diesel engines	104
Fuel Supply			
Quick release fasteners on fuel lines and fuel tank ventilation	4501-1		182
CITROËN			
Drivetrain			
Timing belt changing, engine repair	3788/37		173
Engine Electrics			
Spark plugs (span of the jaw 14 mm)	4766-2	C5 with 2.0l HPi engine	194
Fuel Supply			
Injection lines of HDi engines	4548-14		183

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CITROËN			
Fuel Supply			
Screws at fuel injection pump (span of the jaw 13 mm), installing and removing the toothed belt	4561		184
Oil Service			
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COMMERCIAL VEHICLES			
Body			
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Screwed connection at the pressure pipe of the driver cabin's tilting device	2852-1	MAN	179
Brakes			
Operation of the granulates cartridge of compressed air dryer	2195		151
Operation of the granulates cartridge of compressed air dryer	2171-8		149
Chassis			
Pulling-off full-floating axles (circle Ø 100 – 150 mm)	1969-15		138
Screwed connection of steering tie levers	1012-T 60 to 100	MAN series M and F	111
Spring shackle screws	2717-27	MERCEDES-BENZ Actros with pneumatic shock absorbers	165
Drivetrain			
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Cylinder head bolts	2850-E 20	MAN F 2000, F 90, F 8 and buses with D 25, D 28 engines	179
Cylinder head bolts (span of the jaw 17)	2759-17	MERCEDES-BENZ M 400, 420	167
Cylinder head bolts (span of the jaw 17)	2758-17	MERCEDES-BENZ M 401, 404, 407-409, 421-424, 427, 428, 444, 447	167
Cylinder head bolts (span of the jaw 19)	2759-19	MERCEDES-BENZ M 300, 400	167
Operation of cylinder head bolts without removing injection nozzles and injection lines	2858-E 20	MAN types F2000, F90, F8, D25, D28	179
Valve adjusting (span of the jaw 14 mm) to be used in pairs	2769	MERCEDES-BENZ 200 D, 220 D, 240 D, 240 TD	167
Valve adjusting (span of the jaw 30 mm) with 2769	2769-3	MERCEDES-BENZ 240 D 3.0, 300 SD, 300 GD, 300 D, 300 TD, 300 CD, 406 D, 207 D, 307 D, 407 D	167
Engine Electrics			
Operation of the oil pressure switch	2870-24	MAN series F and M, MERCEDES-BENZ M 541-542	179
Fuel Supply			
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Pressure nut at nozzle holder	4558-1	commercial vehicles with EDC-engines	184
Pressure nut at nozzle holder	4558-2		184
Screwed connections on injection lines	4550-1	MERCEDES-BENZ M 100, 130, 314, 360, 360h, 352A, 345/355, 401, 402, 403, 407h, 615, 616, 617	183
Screwed connections on injection lines	4550-2	MERCEDES-BENZ M 314, M 352A, M 345/355A, 401, 402/22, LA, 403, 407h	175
Screws on injection pipes	4550-3 -4	MAN D20 engines (Common Rail Injection Systems)	183
Gearbox / Shafts			
Circlips in pressure plates / thrust bearings	1847-9	IVECO Daily and Eurocargo	131
Screw with internal serration (XZN) on flywheel and vibration damper	2753	MERCEDES-BENZ series 500 since 12/1995	166
Switches at gears and axles, e.g. reverse gear switch	2716-1	MERCEDES-BENZ SK-series and Actros, MAN	165
Oil Service			
Oil filter caps made of plastic, 18-point, 135 mm	2169-5	MAN commercial vehicles of the series F2000 and TGA	149
Oil filters, 15-point, 105 mm (MAN T-no. 51-5501-760)	2169-9	MAN commercial vehicles of the M-series	149
Wheels			
Loosening tight screw connections	6800 ALU		229
Wheel bolts/screws	772-1		65
FIAT			
Brakes			
Replacement of disc brake linings (front Ø 4 mm)	748 Lg b-4	Seicento, Cinquecento, Punto	63
Drivetrain			
Cylinder head bolts (XZN screws M 12)	991-12	2.0 l engines	105
RIBE CV screws on valve and spark plug covers	991-5 up to -16		105
Timing belt changing, engine repair	3688/31		172
Valve spring compression	792-2	Panda, Uno, Tipo	65

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FIAT			
Oil Service			
Oil filters, 15-point, 105 mm	2169-9	Croma 2.5 D, 2.5 TDE, Ducato 2.5 D, 2.5 TDi, 2.8 D, 2.8 idTD, 2.8 JTD, 2.8 Tdi	149
PURFLUX filters	2169-66	Punto, Stilo, Brava, Bravo 1.2	149
PURFLUX filters	2169-76	Brava, Bravo, Punto, Tipo	149
PURFLUX filters	2169-86	Brava and Bravo 1.9 JTD	149
FORD			
Body			
Fixing plugs on door panels	799-6	since 1995	68
Welding spot drilling $\varnothing$ 9 mm (in particular at the axles)	1967-90	Mondeo	138
Chassis			
Axle nut screws (span of the jaw 2.1/4" American size)	1000 AZ-2.1/4	Transit	110
Drivetrain			
Cylinder head bolts (inside TORX® screws T 55)	992 S Lg-T 55	various FORD vehicles, e.g. Mondeo 16 V	105
Cylinder head bolts (inside TORX® screws T 70)	992 Lg-T 70	1.8 l diesel (Turbo) Fiesta, Escort, Sierra, P 100 since 8/1992	105
Keeping installed valves raised M 14 x 1.25 and M 18 x 1.5	3428	2-valve engines except CVH and multi-valve engines	172
Removing valve stem seals	2991	Fiesta since 1996	170
Screws at the intake bridge (inside TORX® screws T 45)	992 S Lg-T 45	Scorpio 2.4, 2.8, 2.9 l injection	105
Timing belt changing, engine repair	3488/17		172
Toothed belt changing on unit injection (Pumpe-Düse) engines	2588/3	Galaxy 1.9 l TDI since 1999	162
Toothed belt tensioning pulley (inside TORX® screws T 50)	2115-T 50	1.6 l diesel Fiesta, Escort, Orion	143
Valve adjusting	3499	1.6 l D Fiesta, Escort, Orion, 1.8 l D (since 1989) Fiesta, Escort, Orion, 1.8 l TD Sierra	172
Valve spring compression	792-1	Fiesta, Escort	65
Fuel Supply			
Installing and removing the injection nozzle (span of the jaw 27 mm)	4555-1	diesel Lincoln Continental (USA), Lincoln Mark VII, VII LSC	183
Oil Service			
Oil filter caps	2169-27	Fiesta with 1.4 and 1.6 l TDCI engine	149
PURFLUX filters	2169-76	Fiesta, Escort	149
HONDA			
Oil Service			
PURFLUX filters	2169-76	Accord, Civic, Prelude, CRX	149
JAGUAR			
Engine Electrics			
Installing and removing spark plug sockets	1849-2	12 cylinder-engines	131
MAZDA			
Brakes			
Union nut at the brake pressure regulator (span of the jaw 12 mm)	6612 c-12		228
Union nut at the main brake cylinder (span of the jaw 14 mm)	6612 c-14		228
Drivetrain			
Cylinder head bolts (for inside TORX® screws T 70)	992 Lg-T 70	121 since 1996	105
Engine Electrics			
Control unit MAZDA 3 with 1.4 and 1.6 l engine	2225		154
Exhaust System			
Lambda probe (span of the jaw 22 mm)	612-19 x 22	with 2-valve technique until 09/1993	58
Oil Service			
Oil filter caps	2169-27	MAZDA 2 and 3 with 1.4 and 1.6 l diesel engine	149
Oil filters 14-point, 64 mm	2169-7	323, 626, MX-5, Xedos	149
Operation of oil filter caps when changing the filter insert	2169-10	MAZDA 3 with 2.0 l engine, 6 with 1.8, 2.0, 2.3 l engines	149
PURFLUX filters	2169-66	323, 626, MX-3, Xedos	149
MERCEDES-BENZ			
Body			
Exterior mirror	2715-20 H	211 (E-Class) as well as type 203 (C-Class) since 2005	165
Screws at the door handle (for inside TORX® screws T 20)	828 Lg-T 20	A-Class (type 168), C-Class (type 203)	74

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MERCEDES-BENZ			
Brakes			
Brake line screws (span of the jaw 11 and 14 mm)	6612 c-11 -14		228
Fixing springs of the hand brake shoes (rear disc brakes)	2730		166
Installing and removing draw springs (hand brake shoes of rear disc brakes)	4964-1		215
Retaining springs of rear drum brake linings	2796-1	A-Class (type 168)	168
Safety pins (Ø 3 mm) on rear disc brakes	748 Lg b-3	E-Class (type 211)	63
Chassis			
Counterholder for screws at strut unit	2721-1	A-Class (type 169)	166
Extracting the outside collar of tapered roller bearings	1788-N-35 a. -835	W 123	123
Screwed connection of the diagonal tie/wheel trunk	2792-12	C-Class (type 202)	168
Screws at front pipes of strut units with pneumatic shock absorption	2781-10	E-Class (type 211)	168
Screws at rear axle	2720-E 18	E-Class (type 211) since 2002	165
Screws at the front axle	2720-21	E-Class (type 211) since 2002	165
Shock absorber (upper pin joint)	2780-1	C-Class (type 203) since 2000	168
Upper fastening bolt at front shock absorber	2722-1	Viano/Vito type 639	166
Upper shock absorber screwing	2723-1	E-Class station wagon (type 211)	166
Drivetrain			
Belt tensioning pulley and mounting of the V-ribbed belt	2714-1	A-Class (type 168)	165
Cylinder head bolts (inside TORX® screws T 55)	992 Lg-T 55	C-Class (type 202)	105
Cylinder head bolts (span of the jaw 10 mm)	986 Lg-10	207, 307, 208, 308	104
Cylinder head bolts (span of the jaw 8 mm)	986 S Lg-8	M 115, 116, 117	104
Cylinder head bolts (XZN screws M 10)	2751	W 201 (190/190 E)	166
Cylinder head bolts (XZN screws M 12)	2752	M 104 6 cyl., M 119 8 cyl., M 120 12 cyl. multi-valve engines	166
Cylinder head bolts (XZN screws)	990		244
Fastening nut at the injection pump	2742-13	615, 616	166
Installing and removing the starter	2755		166
Installing and removing the starter, extension with pin locking device (575 mm)	2762		167
Installing valve stem seals (Ø 7 mm)	2777	multi-valve engines: M 104, M 119, M 120	168
Removing valve stem seals (Ø 7 mm) (straight pliers)	2791-1	multi-valve engines	168
Screws at the cooling water circulation pump, water hose connection, intake pipe	2740	M 103, M 104, engines M 103 to M 120 (diesel), M 601, M 603, M 604	166
Screws of the left camshaft sprocket	2718-E 18	M 112 (6 cyl.), M 113 (8 cyl.) C-, E- and S-Class	165
Valve adjusting (span of the jaw 14 mm)	2770-2	passenger cars except for diesel, 250 CD and 3.5 I-types	167
Valve adjusting (span of the jaw 17 mm)	2770-3	passenger cars except for diesel engines, 250 CD and 3.5 I- types	167
Valve adjusting (span of the jaw 17 mm)	2771	280, 280 C, 280 E, 280 CE, 280 S, 280 SE, 280 SL, 280 SLC	167
Various repair works, e.g. on the engine	2747 / 2748		166
Engine Electrics			
Conductor rails (span of the jaw 8 mm)	4760-8 x 12		194
Installing and removing glow plug sockets	4760-5	new generation of diesel engines	194
Installing and removing glow plugs (span of the jaw 10 mm)	2530	CDI diesel engines	159
Installing and removing spark plug sockets	1849-1		131
Installing and removing spark plugs (span of the jaw 16 mm = 5/8")	2776	M 104, 6 cyl., 24 V, M 120, 12 cyl. 48 V, M 119, 8 cyl. 32 V	168
Installing and removing spark plugs (span of the jaw 16 mm = 5/8")	4767 A KF	M 102 (190-230), M 103 (6 cyl. 260 E, 360 E)	194
Installing and removing spark plugs (span of the jaw 20.8 mm = 13/16")	4767 KF	except for 615, 616, 617 and M 102	194
Installing and removing wedge base bulbs	4659-1		188
Installing and removing spark plugs (span of the jaw 16 mm = 5/8")	4766		194
Fuel Supply			
Carburettor adjusting (Pierburg), idle running and CO-values	4517	2-valve engines	182
Dismounting Common-Rail injectors	4797/2 -3	CDI engines 611, 612, 613	196
Injection lines	2757-14	Sprinter	167
Injection nozzles (span of the jaw 22 mm)	4550-22	diesel engines: types 201, 202 (engines 604, 605, 606)	183
Injection type engine – mounting and dismounting the pressure valve holder (injection pump)	4556	601, 602, 603, 605, 606, 615, 616, 617	183
Installing and removing fuel return lines	4565-1	diesel engines: 601, 602, 603	184
Installing and removing the fuel overflow line (overflow oil line)	1841-33	604, 605 and 606 with 4-valve-technique	129
Screws on injection lines (span of the jaw 14 mm)	4550-14	4 cyl. diesel 601, 190 D, C 200 D, E 200 D, Turbo diesel, 603, G 300 D, G 350 D, Turbo, cross-country vehicle, E 300 D, Turbo, S 350 TD	183

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MERCEDES-BENZ			
Gearbox / Shafts			
Cardan shafts (steering, track rod)	6450 d-41	124 (E-Class), type 170 SLK, type 201 190, type 202 (C-Class), type 220 S-Class, Sprinter	228
Installing and removing circlips at the homocinetic joint; retainer ring at the propeller shaft	1847-3		131
Nut at the main shaft (span of the jaw 41 mm)	1000 Z-41		110
Nut on flange joint at the main shaft (span of the jaw 30 mm)	1000 Z-30		110
Oil pressure pipe (span of the jaw 12 mm) on clutch operating cylinder	2757-12		167
Hose Coupling			
Installing and removing hose clamps (supplementary air valve)	798-4	injection engines	66
Oil Service			
Fuel filters	2169-86	Vito, Sprinter, A-Class (type 168), C-Class (type 202), E-Class (type 210)	149
Oil filter caps	2169-27	A-Class (type 168)	149
Oil filter caps	2169-36	engine 116 MB, 100 D Transporter	149
PURFLUX filters	2169-76	MERCEDES-BENZ passenger cars and Sprinter	149
Wheels			
Aluminium rims (AMG) with deeply located wheel bolts	904 S Lg-17		99
NISSAN			
Chassis			
Extracting the full-floating axle (pitch circle Ø 100–150 mm)	1969-14		138
Drivetrain			
Valve adjusting (span of the jaw 17 mm)	2770-3	Violet 710, A 10, Bluebird 610, 810, 910, Skyline C 110, C 210, Laurel 230, C 31, 260 ZS 30, 280 ZX-T, S 130, Patrol 160, except for Stanza (T 11), 280 ZX, 280 ZX-T (S 130)	167
Fuel Supply			
Carburettor adjusting (CO)	2255-1 a. 4525-2		155
Injection nozzles (span of the jaw 22 mm)	4555-3	Terrano TD 25, 27 since 1988	183
Oil Service			
Oil filters 14-point, 64 mm	2169-7	Micra, Almera	149
PURFLUX filters	2169-66	Micra, Primera, Serena	149
OPEL			
Body			
Deeply located screws of the safety belt casing	3012-13	Astra G	170
Screws at door locking pin (inside TORX® screws T 40)	2117-T 40	Astra F	144
Brakes			
Brake calliper screws (span of the jaw 7 mm) replacement of brake linings	2901 G-7	Astra, Vectra, Omega, Corsa	169
Safety pins (Ø 4 mm) on disc brakes	748 Lg b-4	Kadett E, Astra F, Vectra A, Calibra A, Omega A, B, Senator A, B	63
Safety pins (Ø 6 mm) on disc brakes	748 Lg b-6	Corsa A, Kadett D, E, Ascona B, C, Manta B, Vectra	63
Drivetrain			
Cylinder head bolts (XZN screws)	990		244
Removing valve stem seals (4-valve engines)	2991	Omega B 2.5 I TD	170
Screws at the cooling pump (water pump, span of the jaw 11 mm)	880 Lg-11	1.2 I OHC-engines	89
Screws at the cooling pump (water pump, span of the jaw 13 mm)	880 Lg-13	1.6, 1.8 I	89
Screws at the cooling pump (water pump, span of the jaw 5 mm)	8801-5	1.3 I OHM-engines	91
Screws at the cooling pump (water pump, span of the jaw 6 mm)	8801-6	1.8, 2.0 I	91
Timing belt changing, engine repair	3088/19		170
Engine Electrics			
Installing and removing wedge base bulbs (dashboard, various switches)	4659-1	Astra F	188
Mounting and dismantling spark plugs (span of the jaw 16 mm = 5/8")	4766	Omega C20X	194
Oil pressure switch	4815-24	Zafira and Astra 1.8 I 16V	200
Switch of backing lamp (span of the jaw 19 mm)	2593-19		163
Thermal switch at the radiator fan (span of the jaw 29 mm)	4815-29	Corsa B, Astra F, G, Vectra A, B,	200
Fuel Supply			
Quick locking device at the fuel line and tank ventilation	4501-1		182

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OPEL			
Fuel Supply			
Screwed connections at injection nozzles on diesel engines	4560-17	Astra G, Corsa B and C 1.7 DTI-16V engines	184
Screws on injection pipes (span of the jaw 17 mm)	4550	Omega B 2.5 TD	183
Gearbox / Shafts			
Installing and removing circlips at the homocinetic joint	1847-3		131
Oil Service			
MANN oil filters 15-point, 74 mm (OPEL oil filters with T-no. 650 401)	2169-8	Kadett E, Corsa A, B and C, Omega A and B, Astra F and G, Vectra A and B, Calibra and Frontera	149
Oil filter caps	2169-32	Astra, Corsa	149
Oil filter caps	2169-36	Vectra B DI 16 V	149
PURFLUX filters	2169-76	Astra G/F, Corsa A/B, Vectra A/B, Calibra, Zafira, Frontera	149
Steering			
Screw at the steering wheel lock (outside TORX® screws E 8)	850-E 8		82
PEUGEOT			
Drivetrain			
Timing belt changing, engine repair	3788/37		173
Fuel Supply			
Injection lines of HDi engines	4548-14		183
Oil Service			
Oil filters 15-point, 105 mm	2169-9	Boxer II 2.2 HDI, 2.8 HDI	149
PURFLUX filters	2169-76	106, 206, 306, 406	149
PORSCHE			
Chassis			
Maintenance work at the spring strut, e.g. shock absorbers	4910 4910-71	Cayenne S	209
Gearbox / Shafts			
Mounting axle shafts	990-8		104
Operation of collar nut on cardan shaft flange	900 TZ-30	996	100
Oil Service			
Oil change on gearbox with XZN screw with guiding pin	2567-16	Boxster with manual transmission	160
RENAULT			
Brakes			
Retaining springs form C and P of drum brake linings	2796-1	Clio and Twingo since 2003	168
Screws on rear brake calliper	3884-1	Laguna 2	174
Drivetrain			
Timing belt changing, engine repair	3888/19		174
Engine Electrics			
Installing and removing the V-ribbed belt pulley at the generator	4642/2	Mégane, Scénic, Kangoo	185
Installing and removing wedge base bulbs (dashboard, various switches)	4659-1		188
Spark plugs (span of the jaw 14 mm)	4766-2	Twingo, Clio, Kangoo with 1.2 I 16 V engine	194
Fuel Supply			
Quick locking device at the fuel line and tank ventilation	4501-1		182
Oil Service			
Oil filters 15-point, 105 mm	2169-9	Master 2.5 D	149
PURFLUX filters	2169-66	Clio, Twingo, Kangoo	149
PURFLUX filters	2169-76	Clio, Kangoo, Mégane, Laguna, Rapid, Espace, Laguna, R19	149
PURFLUX filters	2169-86	Clio/R19 with 1.4 – 1.7 and 1.8, Mégane 1.4 and 2.0, Rapid with 1.9 D, Laguna, Safrane, Espace III with 2.1 D	149
PURFLUX filters	2169-96	Laguna, Safrane and Espace 2.2 TD	149
SMART			
Engine Electrics			
ESP pressure sensor	4815-24	Roadster	200
TOYOTA			
Drivetrain			
Cylinder head bolts (XZN screws)	990		244

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TOYOTA			
Drivetrain			
Cylinder head bolts (XZN screws)	990 Lg-9	Corolla 1.4 I and Yaris 1.0 I	104
Oil Service			
Oil filters 14-point, 64 mm	2169-7	Yaris, Corolla, MR2 until 1999, Starlet, Celica, Avensis	149
PURFLUX filters	2169-66	Yaris, Starlet, MR2, Corolla, Carina, Avensis	149
VOLKSWAGEN GROUP (AUDI, SEAT, SKODA)			
Body			
Adjusting the steel sliding roof (inside TORX® screws T 25)	2223 S Lg-T 25	AUDI 80 and 90	153
Dismounting the front grille	2520-1	Transporter T 4 since 1991, Golf IV (since 1998), Bora (since 1999), AUDI TT (since 1999)	159
Door aligning, mounting and dismounting	2597-03	Golf and Passat since 2005	164
Door hinge screws (dismounting and adjustment)	2597 a. 2597-01 or 2251-1/2	Golf III and Vento	163
Door lock pin/screw connection (inside TORX® screws T 40)	2117-T 40	Golf V, Polo, Vento, AUDI 100	144
Fixing plugs on door panels	799-6	Sharan since 1996, Touareg since 2003, Touran since 2004, SEAT Alhambra since 1996	68
Headlights	828 Lg-T 30	AUDI A4 since 2004	74
Mounting and dismounting the driver's and co-driver's door (outside TORX® screws T 45)	2597 a. 2597-01	Golf III (since 1993)	163
Mounting and dismounting the driver's and co-driver's door (outside TORX® screws T 45)	2597 a. 2597-T 45	Golf III (since 1993)	163
Mounting and dismounting the driver's and co-driver's door (XZN screws M 10)	2597 a. 2597-02	Golf IV, Passat B5	163
Screws at the door handle (XZN screws M 4)	2565-4	AUDI TT, Golf IV, Passat B5, Lupo, New Beetle, Bora	160
Tailgate covers	799-7	Golf IV, AUDI A3, A6, A4 Avant, SEAT Leon	68
Brakes			
Brake calliper screws (span of the jaw 7 mm) Replacement of disc brake linings	986-7	VW-Golf II, III, IV, Polo, Vento, Lupo	103
Brake lines Ø 4.75 mm	2193/4 K		151
Fixing springs of the hand brake shoes (rear disc brakes)	2730	LT since 1997	166
Installing and removing the hand brake cable of drum brakes	4968-4		216
Chassis			
Installing and removing the wheel hub bearing of built-in parts	4934-25/14	AUDI A2, SKODA Fabia, VW Polo, Fox, SEAT Ibiza	212
Mounting and dismounting front spring struts	2593-19 a. 2593-1	Polo since 1981, Derby since 1983, Polo Coupé	163
Mounting and dismounting front spring struts	2593-21 a. 2593-1	Golf II, Jetta since 1987, Golf III, Vento since 1993, Passat since 1988	163
Mounting and dismounting front spring struts	2593-22 a. 2593-1	Golf until 1988, Jetta until 1987, Scirocco, Caddy, Passat, Santana, AUDI 80, Golf III, Vento since 1993, Passat since 1988, Corrado, AUDI 100, 200, AUDI Coupé, AUDI Quattro	163
Mounting and dismounting front spring struts (as counterholder span of the jaw 7 mm)	2593-1	Polo, Derby, Golf, Jetta, Scirocco, Passat, AUDI 80, 100, 200, Coupé	163
Mounting and dismounting rear strut units (counterholding the piston rod)	2594	Transporter, LT 28 (control arm axle), Polo since 1981, Derby since 1982, Polo Coupé, Caddy, Golf I, II, Jetta, Scirocco, LT 28, AUDI 80, AUDI Coupé	163
Removing the ball joint pivots	1790-4	AUDI A6 / A8	125
Repair work on shock absorber (front axle)	2593-4	Golf II, III, Jetta, Vento, Passat model year 1988, AUDI 80 model year 1987	163
Repair work on shock absorber (rear axle)	2593-2	Golf I Cabrio, Scirocco, Caddy	163
Repair work on shock absorbers	2593-3		163
Drivetrain			
Automatic tensioning pulley – timing belt (span of the jaw 32 mm)	2587-32	Polo diesel, AUDI 100 since 1991, AUDI A6 2.5 I TDi engine	161
Cylinder head bolts (outside TORX® screws E 14)	2580-E 14	AUDI V6 engines	160
Cylinder head bolts (XZN screws)	990		104
Extraction of camshaft sprockets (5 and 6-spoke camshaft sprockets)	2510-1	4 and 6 cyl. TDI engines, V6 and V8 engines, AUDI A4, A6, A8	159
Locking the camshaft sprockets	2588-4	Lupo since 1999, Polo since 1995, Caddy since 1996, Polo Classic Variant since 1996, New Beetle 1.4 I since 1999, Golf 1.4 I and 1.6 I since 1998, Bora 1.4 I and 1.6 I since 1999	162
Mounting and dismounting the knock sensor (span of the jaw 8 mm)	2527-8	AUDI 80 V6 since 7/1992, AUDI 100 V6 since 12/1990	159
Mounting and dismounting the V-ribbed belt pulley (span of the jaw 24 mm)	2590-24	T4 since 1991, Golf III/Vento since 1992, Passat since 1988, Corrado since 1989, AUDI 80 since 1992, AUDI 100 since 1991	163
Oil pan screws (span of the jaw 10 mm)	2528-10	Jetta from 1984 to 1992, Passat since 1988, Corrado, AUDI 80, 100 since 1987, AUDI 100 since 1991, 4 cyl.	159

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VOLKSWAGEN GROUP (AUDI, SEAT, SKODA)			
Drivetrain			
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VOLKSWAGEN GROUP (AUDI, SEAT, SKODA)			
Gearbox / Shafts			
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PURFLUX filters	2169-96	Golf III, Passat since 1996 with 1.9 TDi-engine, AUDI A4 and A6 since 1996 with 1.9 TDi-engine, SEAT Cordoba, Ibiza, Toledo 1.9 TDi-engine since 1996	149
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PURFLUX filters	2169-96	S 70 2.5 TDi since 1997, S 80 2.5 TDi since 1998	149

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Equivalent Standard Bolt Diameters

of German, American, British, Norwegian, French and Swedish dimensions for wrenches

Only sizes printed in the yellow column can be ordered

Metric Measurements											American Measurements							British Measurements								
Openings across flats and Nominal Size mm	Bolt Size										Openings across flats and Nominal Size		Bolt Size					Nominal Size			Openings across flats					
	DIN ISO 272				Norwegian sizes	French sizes	Swedish Dimensions SMS						Nuts and Screws acc. to SAE Stand.	USS		Americ. Stand.		BSW Large Hex BS 192	BSF and BSW Small Hex BS 1083	BA						
	Normal Hex	Large Hex	with flange				small 1414	large 1412	small 1415	large 1413				Nuts and Screws	Cap screws	Nuts and Screws	Cap screws									
											Inch	mm									BSW Large Hex BS 192	BSF and BSW Small Hex BS 1083	BA	Inch	mm	
3																							10	.117	2,97	
3,2	1,6										1/8	3,175														
3,5																						9	.131	3,33		
4	2					1,7	2,5	2,3			5/32	3,97				0 1						8	.152	3,86		
4,5						2		2,6			3/16	4,76				2 3						7	.172	4,37		
											13/64	5,16														
5	2,5					2,3	3	3														6	.193	4,90		
5,5	3					2,6					7/32	5,56										5	.220	5,59		
											15/64	5,95										4	.248	6,30		
6						3	3,5	3,5	3		1/4	6,35				4			1/16 = 3/32			.256	6,50			
											17/64	6,75														
7	4		5			3,5	4 4,5	4	3,5		9/32	7,14							3/32 = 1/8			3	.282	7,16		
											19/64	7,54														
8	5		6	5	4	5	5	4			5/16	7,94		1/8	1/8	5 6					2	.324	8,23			
																			1/8 = 3/16			.340	8,64			
9						5	5,5	5			11/32	8,73				8					1	.365	9,27			
10	6		8	6		6	6				3/8	9,52			3/16	10					0	.412	10,49			
											13/32	10,32														
11	7					6 7		7	6		7/16	11,11	1/4		1/4	12 1/4	1/4		3/16 = 1/4			.445	11,30			
12							7	8			15/32	11,90														
13	8		10	8						5/16	1/2	12,70	5/16	1/4	5/16		5/16		1/4 = 5/16			.525	13,33			
14						8	8		8		9/16	14,29	3/8		3/8	5/16	3/8									
15			12	10				10		3/8	5/16	19/32	15,08		5/16				5/16 = 3/8			.600	15,24			
16	10						9				5/8	15,88	7/16		7/16	3/8	7/16									
17						9 10	10		10		11/16	17,46		3/8												
18	12		14	12				12		7/16	3/8								3/8 = 7/16			.710	18,03			
19						11	11				3/4	19,05	1/2		1/2	7/16	1/2									
20											25/32	19,84		7/16												
20,8	Spark Plugs M 14											13/16	20,64			9/16	1/2	9/16		7/16 = 1/2			.820	20,83		
21	14	12	16	14		12	14		1/2	7/16																
22						12 14			12 14		7/8	22,22	9/16	1/2	5/8	9/16	5/8									
23							14				15/16	23,81	5/8						1/2 = 9/16			.920	23,34			
24	16	14		16				16		5/8	31/32	24,61		9/16												
25											1	25,40	11/16		3/4	5/8	3/4		9/16 = 5/8			1.010	25,65			
26	Spark Plugs M 18																									
27	18	16	20		16			18	16		1 1/16	26,99	3/4	5/8												
28										3/4	5/8	1 1/8	28,57			7/8	3/4	7/8	5/8 = 11/16			1.100	27,94			
29							18																			
30	20	18		20				20			1 3/16	30,16							11/16 = 3/4			1.200	30,48			
32						18 20	20	22	18 20		1 1/4	31,75	7/8	3/4	1											
33										7/8	3/4	1 5/16	33,34				7/8	1	3/4 = 7/8			1.300	33,02			
34	22	20						24																		



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Metric Measurements										American Measurements							British Measurements					
Openings across flats mm and Nominal Size	Bolt Size									Openings across flats and Nominal Size		Bolt Size					Nominal Size			Openings across flats		
	DIN ISO 272				Norwegian sizes	French sizes	Swedish Dimensions SMS					Nuts and Screws acc. to SAE Stand.	USS		Americ. Stand.		BSW Large Hex BS 192 W	BSF and BSW Small Hex BS 1083 BS	BA			
	Normal Hex	Large Hex	with flange				small 1414	large 1412	small 1415	large 1413	Nuts and Screws		Cap screws	Nuts and Screws	Cap screws							
35						22					1.3⁄8	34,92			1.1⁄8			13⁄16	= 15⁄16		1.390	35,31
36	24	22			22 24			22 24			1.7⁄16	36,51	1	7⁄8								
37									1	7⁄8	1.1⁄2	38,10			1.1⁄4	1	1.1⁄8	7⁄8	= 1		1.480	37,59
38						24					1.9⁄16	39,69										
41	27	24				27			27		1.5⁄8	41,28	1.1⁄8	1	1.3⁄8			15⁄16	= 1.1⁄16		1.580	40,13
42						27			1.1⁄8	1	1.11⁄16	42,86				1.1⁄8	1.1⁄4	1	= 1.1⁄8		1.670	42,42
											1.3⁄4	44,45										
46	30	27				30	30		30		1.13⁄16	46,04	1.1⁄4	1.1⁄8								
47									1.1⁄4	1.1⁄8	1.7⁄8	47,63		1.1⁄4				1.1⁄8	= 1.1⁄4		1.860	47,24
50	33	30				33	33		33		2	50,80	1.3⁄8	1.1⁄4								
52									1.3⁄8	1.1⁄4	2.1⁄16	52,39				1.3⁄8	1.1⁄4	1.1⁄4	= 1.3⁄8		2.050	52,07
54						36																
55	36	33				36			36		2.3⁄16	55,56	1.1⁄2	1.3⁄8								
56									1.1⁄2	1.3⁄8	2.1⁄4	57,15				1.1⁄2		1.3⁄8	= 1.1⁄2		2.220	56,39
58						39																
60	39	36				39			39	1.5⁄8	1.1⁄2	2.3⁄8	60,32		1.1⁄2							
											2.7⁄16	61,91				1.5⁄8		1.1⁄2	= 1.5⁄8		2.410	61,21
63						42																
65	42	39				42			42	1.3⁄4	1.5⁄8	2.9⁄16	65,09		1.5⁄8			1.5⁄8	= 1.3⁄4		2.580	65,53
67						45					2.5⁄8	66,68				1.3⁄4						
70	45					45			45	1.7⁄8	1.3⁄4	2.3⁄4	69,85		1.3⁄4			1.3⁄4	= 2		2.760	70,10
71						48					2.13⁄16	71,44				1.7⁄8						
75	48					48			48	2	1.7⁄8	2.15⁄16	74,61		1.7⁄8							
77						52					3	76,20				2						
80	52					52			52		2	3.1⁄8	79,38		2			2	= 2.1⁄4		3.150	80,01
82						56																
85	56					56			56		2.1⁄4	3.3⁄8	85,72			2.1⁄4						
88						60					3.1⁄2	88,90		2.1⁄4								
90	60					60			60									2.1⁄4	= 2.1⁄2		3.550	90,17
94						64																
95	64					64			64	2.1⁄2	3.3⁄4	95,25				2.1⁄2						
100	68					68	68		68		3.7⁄8	98,42		2.1⁄2				2.1⁄2	= 2.3⁄4		3.890	98,81
105	72					72	72		72	2.3⁄4	4.1⁄8	104,78				2.3⁄4		2.3⁄4	= 3		4.180	106,17
110	76					76	76		76	3	4.1⁄4	107,95		2.3⁄4								
115	80					80			80		4.1⁄2	114,30				3		3	= 3.1⁄4		4.530	115,06
116						80					4.5⁄8	117,48		3								
120	85					84			85	3.1⁄4								3.1⁄4	= 3.1⁄2		4.850	123,19
130	90					89			90	3.1⁄2	5	127,00		3.1⁄4				3.1⁄2	= 3.3⁄4		5.180	131,57
135	95					94			95	3.3⁄4	5.3⁄8	136,52		3.1⁄2								
145	100					99			100	4	5.3⁄4	146,05		3.3⁄4				3.3⁄4	= 4		5.550	140,92
150	105					104			105													
155	110					109			110	4.1⁄4	6.1⁄8	155,57		4								

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Select the right tool.

Use the tool according to the operating instructions.

Wear eye protection.

Keep tools clean.

Insulated tools (according to VDE-standards) must be used when working on live components.



Read instructions before use.



Measuring units serve to select the right-sized tools.



Wear eye protection.



An optimal frictional connection guarantees a long service life of tools and screws.



Use ear protection.



Do not modify tools.



Only use suitable specialty tools to extend the lever arm.



Never use standard sockets and insert tools with an impact wrench.



Do not hit hand tools with a hammer.



Never open more than one drawer at a time (danger of tipping over).



Avoid splintering due to wrong striking.



Never use drawers as a ladder.



Never use a screwdriver as a chisel or lever.



Do not pull tool trolleys behind you.



Select screwdriver with an appropriate blade. Always be sure that the screwdriver blade is vertical to the screw.



Dispose of worn-out tools properly.

[illegible]

Good
tools
are a matter of
trust!





This image shows a full page of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page, providing a template for handwriting practice or general writing. There are no margins, text, or other markings on the page.

HAZET-Guarantee

During the whole production process, all HAZET tools are subject to stringent quality controls and before delivery ex works they are meticulously checked for material defects and faulty workmanship.

HAZET offers a total quality guarantee on all tools showing material defects or faulty workmanship.

If you detect material defects or faulty workmanship, please send us the tool in question free of charge through your distributor. After inspection by us, we will replace your tool or repair it free of charge, provided that the tool shows a material defect or faulty workmanship. All adapters are excluded from the guarantee.

The guarantee on sockets for impact operation is limited to material defects and faulty workmanship; the guarantee does not cover the sockets' normal wear and tear damage.

The guarantee will not be valid for tools which cannot be used any more due to their old age or due to abuse or improper use.

In this context, we emphasize that the operating instructions and safety recommendations of each tool must be strictly observed. For more details, also see the General Safety Recommendations on this page as well as the indications given in our Illustrated List.

Below are some examples which are considered as "improper use of tools" and are not covered by the guarantee:

- Exceeding the tool's normal or prescribed capacity, e.g.
 - the use of a diagonal cutter for a steel thread whose diameter is too large or the additional use of a hammer to help cutting,
 - chisels, centre punches or drift punches that have been used too hard or on a too hard steel surface.
- The further use of a tool that already shows damage or defects.
- The operation of screws and nuts with a wrong-sized socket.
- Tools that have been modified.
- The use of sockets designated for manual operation on impact wrenches.



HAZET – GERMANY
A synonym for excellence
in quality



We replace any tool showing material defects and/or faulty workmanship (see also conditions of sale, delivery and payment).



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