



Tool Trolleys, Tool Sets

1

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97/6KM Tool trolley

With solid multi-purpose worktop No 913/1, plastic handles on the drawers and impact protection strips on the vertical edges, with double-bearing, oil and acid-resistant wheels, parking brake and 6 removable fully extendible drawers, holders for paper rolls and spray cans. Can be enhanced with STAHLWILLE standard and TCS inlays. Side wall space can be individually optimised using the square-hole perforations. Central locking with a cylinder lock. Can be combined with Tool Box.



Code	No	Colour	kg
90432247	97/6KM	RAL 7016	48.5

97/8KM Tool trolley

With solid multi-purpose worktop No 913/1, plastic handles on the drawers and impact protection strips on the vertical edges, with smooth-running plastic castors, parking brake and 8 removable fully extendible drawers, holders for paper rolls and spray cans. Can be enhanced with STAHLWILLE standard and TCS inlays. Side wall space can be individually optimised using the square-hole perforations. Central locking with a cylinder lock. Can be combined with Tool Box.



Code	No	Colour	kg
90432244	97/8KM	RAL 7016	55

The modular tool tray system

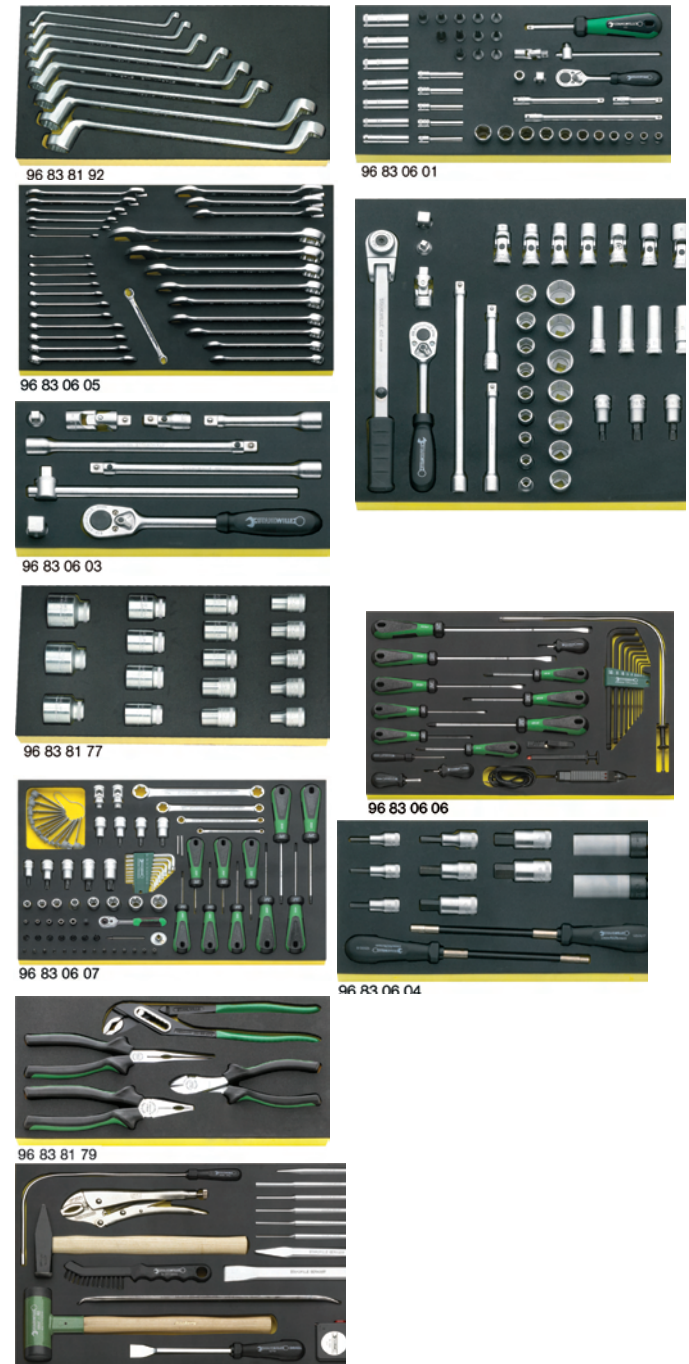
1/6 tray (175 x 175-mm)		1/3 tray (350 x 175-mm)	
2/3 tray (350 x 350-mm)		3/3 tray (350 x 530-mm)	

2500 TCS Workshop set for BMW vehicles



281 tools, in TCS inlays (Tool Control System), 7x1/3, 1x2/3 and 4x3/3 inlays for 7 drawers.

Code	kg
97830600	22.4



	No-10	sizes 6-x-7; 8-x-9; 10-x-11; 12-x-13; 14-x-15; 16-x-17; 18-x-19; 20-x-22; 21-x-24 mm
	No-13	sizes 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24; 27; 30; 32 mm
	No-20	sizes 6-x-7; 8-x-9; 10-x-11; 12-x-13; 14-x-15; 16-x-17; 18-x-21; 19-x-22 mm

Continuation see next page

	No-24	size 10-x-11 mm		No-45TX	$\frac{3}{8}$ "  sizes E10; E12; E14
	No-40	$\frac{1}{4}$ "  sizes 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm		No-47TX	$\frac{3}{8}$ "  sizes E8; E10
	No-40L	$\frac{1}{4}$ "  sizes 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13 mm		No-49TX	$\frac{3}{8}$ "  size T40
	No-41K	$\frac{1}{4}$ "   sizes 0.6-x-3.5; 1.0-x-5.5; 1.2-x-8 mm		No-50TX	$\frac{1}{2}$ "  sizes E11; E16; E18; E20; E24
	No-44K	$\frac{1}{4}$ "   sizes 3; 4; 5; 6; 8 mm		No-54TX	$\frac{1}{2}$ "  sizes T45; T50; T55; T60
	No-44P	$\frac{1}{4}$ "   sizes 1; 2; 3; 4		No-54TXB	$\frac{1}{2}$ "  sizes T30; T40; T45; T50
	No-400	$\frac{1}{4}$ "  150 mm		No-409M	$\frac{3}{8}$ "  $\frac{1}{4}$ " 
	No-404	$\frac{1}{4}$ "  116 mm		No-415B 2K	$\frac{1}{4}$ " 
	No-405/2	$\frac{1}{4}$ "   54 mm		No-1410	size T6
	No-405/4	$\frac{1}{4}$ "   100 mm		No-1411	size T7
	No-405/6	$\frac{1}{4}$ "   150 mm		No-1412	size T8
	No-407	$\frac{1}{4}$ "   38 mm		No-1413	size T9
	No-412	$\frac{1}{4}$ "  		No-1440	size T10
	No-415QR	$\frac{1}{4}$ " 		No-1441	size T15
	No-409	$\frac{3}{8}$ "  $\frac{1}{4}$ " 		No-1442	size T20
	No-456	$\frac{3}{8}$ "  sizes 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22 mm		No-1443	size T25
	No-466	$\frac{3}{8}$ "  sizes 10; 11; 12; 13 mm		No-1444	size T27
	No-47	$\frac{3}{8}$ "  sizes 10; 11; 12; 13; 14; 15; 16 mm		No-1445	size T30
	No-49	$\frac{3}{8}$ "  sizes 5; 6; 7 mm		No-1446	size T40
	No-49X	$\frac{3}{8}$ "  sizes M6; M8; M10		No-1427	size T25 (65 mm)
	No-427/3	$\frac{3}{8}$ "   76 mm		No-PZ1221	size 1
	No-427/5	$\frac{3}{8}$ "   125 mm		No-PZ1222	size 2
	No-427/10	$\frac{3}{8}$ "   240 mm		No-PZ1223	size 3
	No-435	$\frac{3}{8}$ " 		No-3115/1	$\frac{1}{4}$ " 
	No-452	$\frac{3}{8}$ " 		No-4856	sizes T6; T7; T8; T9; T10; T15; T20; T25; T27; T30
	No-428	$\frac{3}{8}$ "   46 mm		No-10766	sizes T6; T7
	No-431	$\frac{1}{4}$ "  $\frac{3}{8}$ " 		No-10766/9	sizes T8; T9; T10; T15; T20; T25; T27; T30; T40
	No-432	$\frac{1}{2}$ "  $\frac{3}{8}$ " 			TORX [®] controller
	No-52	$\frac{1}{2}$ "  sizes 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm		No-4724	size 2 (1-x-5.5-x-25 mm)
	No-54TX	$\frac{1}{2}$ "  sizes 8; 10; 12; 14; 17 mm		No-4728	size 1 (0.4-x-2.5-x-50 mm)
	No-509/2QR	$\frac{1}{2}$ "   52 mm		No-4734	size 2
	No-509/5	$\frac{1}{2}$ "   130 mm		No-4744	size 1
	No-509/10QR	$\frac{1}{2}$ "   255 mm (2x)		No-4820	0.6-x-3.5-x-75 mm; 0.8-x-4-x-100 mm; 1.2-x-6.5-x-150 mm; 1.6-x-10-x-200 mm; 2.0-x-12-x-250 mm
	No-506	$\frac{1}{2}$ "  300 mm		No-4830	sizes 1; 2; 3
	No-510	$\frac{1}{2}$ "   71 mm		No-4840	size 1
	No-512	$\frac{1}{2}$ " 		No-10767/9	sizes 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
	No-513	$\frac{3}{8}$ "  $\frac{1}{2}$ " 		No-65 01 5 180	
	No-514	$\frac{3}{4}$ "  $\frac{1}{2}$ " 		No-65 29 5 200	
	No-2309K	$\frac{1}{2}$ "  sizes 17; 19 mm		No-65 43 4 002	
	No-12506	sizes 6; 7 mm		No-65 44 4 021	
	No-21TX	sizes E6-x-E8; E10-x-E12; E14-x-E18; E20-x-E24		No-65 45 4 002	
	No-40TX	$\frac{1}{4}$ "  sizes E4; E5; E6; E7; E8		No-65464021	
	No-44KTXB	$\frac{1}{4}$ "  sizes T10; T15; T20; T25; T27; T30; T40		No-65 51 6 240	
				No-65 64 2 250	
				No-66 02 5 160	

	No-102	200 mm
	No-103	150 mm
	No-105	120-x-10 mm
	No-108	150-x-3; 150-x-4; 150-x-5; 150-x-6; 150-x-8 mm
	No-10957	∅ 40 mm
	No-10960	500 g
	No-12373	
	No-12600	500 g
	No-12718	
	No-12922	
	No-12931	3 m
	No-39	400 mm
	No-7756	

2501 TCS Tool set for BMW bikes



209 tools, in TCS inlays (Tool Control System),
2x1/3, 2x2/3 and 5x3/3 inlays for 7 drawers.

Code	kg
97 83 06 01	20.9



96 83 06 15



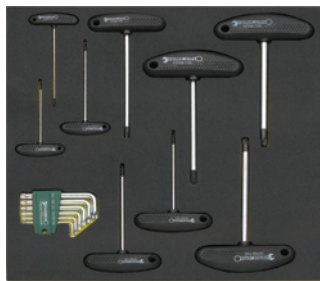
96 83 06 14



96 83 06 17



96 83 06 20



96 83 06 18



96 83 06 19



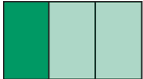
96 83 06 16



96 83 81 79

	No-10	sizes 6-x-7; 8-x-9; 10-x-11; 12-x-13; 14-x-15; 16-x-17; 18-x-19; 21-x-22 mm
	No-13	sizes 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 27; 29; 30; 32; 34 mm
	No-24	sizes 8-x-10; 9-x-11 mm
	No-40	1/4"  sizes 4; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
	No-44K	1/4"   sizes 3; 4; 5; 6; 8 mm
	No-400	1/4"  150 mm
	No-404	1/4"  116 mm
	No-405/2	1/4"   54 mm
	No-405/4	1/4"   100 mm
	No-407	1/4"   38 mm
	No-412	1/4"  
	No-415QR	1/4" 
	No-456	3/8"  sizes 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22 mm
	No-49	3/8"  sizes 5; 6; 7; 8; 10 mm
	No-425	3/8"  165 mm
	No-427/3	3/8"   76 mm
	No-427/10	3/8"   240 mm
	No-428	3/8"   46 mm
	No-431	1/4"   3/8" 
	No-435	3/8" 
	No-52	1/2"  sizes 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24; 27; 30; 32; 34 mm
	No-54	1/2"  size 12 mm
	No-506	1/2"  300 mm
	No-509/5	1/2"   130 mm
	No-509/10	1/2"   255 mm
	No-510	1/2"   71 mm
	No-512	1/2" 
	No-513	3/8"   1/2" 
	No-21TX	size E6-x-E8
	No-44KTXB	1/4"  sizes T8; T10; T15; T20; T25; T27; T30; T40
	No-45TX	3/8"  sizes E8; E10; E12; E14
	No-49TX	3/8"  sizes T25; T45
	No-54TX	1/2"  sizes T40; T50; T55; T60
	No-1054TX	1/2"  size T50
	No-2054TX	1/2"  sizes T40; T45
	No-10766/6	sizes T15; T20; T25; T27; T30; T40
	No-10769	sizes T8; T10; T15; T20; T25; T30; T40; T45; T50
	No-4721	size 0 (0.4-x-2.5-x-80 mm) size 1 (0.5-x-3.5-x-90 mm) size 2 (0.6-x-4-x-100 mm)

Continuation see next page

		size 4 (1-x-6.5-x-100 mm) size 5 (1.2-x-8-x-160 mm)				
	No-4724	size 2 (1-x-5.5-x-25 mm)				
	No-4731	sizes 1; 2				
	No-4732	sizes 1; 2				
	No-4734	size 2				
	No-10506	0.8-x-4-x-300 mm		Code		ΔΔ g
	No-10518	1.0-x-5.5-x-410 mm		96838126		1515
	No-10765/9	1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm		 No-10	sizes 6-x-7; 8-x-9; 10-x-11; 12-x-13; 14-x-15; 16-x-17; 18-x-19; 20-x-22; 24-x-27; 30-x-32 mm	
	No-10768	sizes 2.5; 3; 4; 5; 6; 8; 10 mm				
	No-12507	sizes 8; 10; 13 mm		83 81 20 22 Empty tray		112
	No-65 01 5 180					
	No-65 29 5 200					
	No-65 35 5 200					
	No-65 45 4 001					
	No-65 45 4 002			Code		ΔΔ g
	No-65 45 4 004			96838127		525
	No-65 46 4 021			 No-13	sizes 6; 7; 8; 9; 10; 11; 12; 13; 14; 15 mm	
	No-65 51 6 240			83 81 20 23 Empty tray		105
	No-66 02 5 160					
	No-66 17 0 180					
	No-66 60 1 220					
	No-102	150 mm				
	No-103	150 mm				
	No-105	120-x-10 mm		Code		ΔΔ g
	No-108	150-x-2.5; 150-x-3; 150-x-4; 150-x-5; 150-x-6; 150-x-8 mm		96838128		1440
	No-10356			 No-13	sizes 16; 17; 18; 19; 20; 21; 22; 24 mm	
	No-10670	275 mm		83 81 20 24 Empty tray		112
	No-10672	20-x-305 mm				
	No-10956	∅ 50 mm				
	No-10960	300; 500 g				
	No-12374					
	No-12600	500 g				
	No-12900					
	No-12922					
	No-12965			Code		ΔΔ g
				96838104		2280
				 No-13	sizes 27; 28; 29; 30; 32 mm	
				83 81 20 40 Empty tray		287





Code	g
96838167	1266
 No-20	sizes 6-x-7; 8-x-9; 10-x-11; 12-x-13; 14-x-15; 16-x-17; 18-x-21; 19-x-22 mm
83 81 20 83 Empty tray	103



Code	g
96838107	2620
 No-20	sizes 6-x-7; 8-x-9; 10-x-11; 12-x-13; 14-x-15; 16-x-17; 18-x-19; 20-x-22; 24-x-27; 30-x-32 mm
83 81 20 44 Empty tray	309



Code	g
96838171	835
 No-24	sizes 8-x-10; 10-x-11; 11-x-13; 12-x-14; 14-x-17; 17-x-19; 19-x-22 mm
83 81 20 86 Empty tray	103



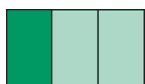
Code	g
96838108	1040
 No-25	sizes 7-x-8; 9-x-10; 10-x-11; 12-x-13; 14-x-15; 16-x-18; 17-x-19 mm
83 81 20 38 Empty tray	111



Code	g
96838166	931
 No-21TX	sizes E6-x-E8; E10-x-E12; E14-x-E18; E20-x-E24
 No-45TX	3/8"  sizes E8; E10; E12; E14
 No-50TX	1/2"  sizes E16; E18; E20
 No-412	1/4"  
 No-442	1/4"  3/8" 
 No-543	5/16"  1/2" 
 No-1440	size T10
 No-1441	size T15
 No-1442	size T20
 No-1443	size T25
 No-1444	size T27
 No-1445	size T30
 No-1432	size T40
 No-1433	size T45
 No-1434	size T50
 No-10766	sizes T8; T9; T10; T15; T20; T25; T27; T30; T40
83 81 20 82 Empty tray	103



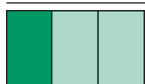
Code	g
96838110	1035
 No-40	1/4"  sizes 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
 No-400	1/4"  150 mm
 No-404	1/4"  116 mm
 No-405/2	1/4"   54 mm
 No-405/6	1/4"   150 mm
 No-407	1/4"   38 mm
 No-412	1/4"  
 No-415	1/4" 
 No-10760CV	sizes 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10; 12 mm
83 81 20 28 Empty tray	107



Code	g
96838111	1440

	No-456	3/8" sizes 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22 mm
	No-425	3/8" 165 mm
	No-427/3	3/8" 76 mm
	No-427/6	3/8" 160 mm
	No-427/10	3/8" 240 mm
	No-428	3/8" 46 mm
	No-435	3/8"

83 81 20 32 Empty tray 103



Code	g
96838112	1760

	No-52	1/2" sizes 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
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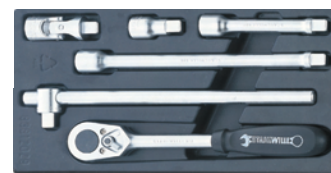
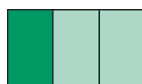
83 81 20 30 Empty tray 107



Code	g
96838172	5060

	No-51S	1/2" sizes 17; 19; 20.8 mm-13/16"; 22 mm
	No-721/15	30-150 N m
	No-35c cars	17; 19; 22; 1/2"
	No-10599/2	245 mm

83 81 20 87 Empty tray 299



Code	g
96838113	1915

	No-506	1/2" 300 mm
	No-509/2	1/2" 52 mm
	No-509/5	1/2" 130 mm
	No-509/10	1/2" 255 mm
	No-510	1/2" 71 mm
	No-512	1/2"

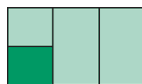
83 81 20 29 Empty tray 110



Code	g
96838114	1630

	No-54	1/2" sizes 4; 5; 6; 7; 8; 10; 12; 14; 17; 19 mm
	No-54KK	1/2" sizes 5; 6; 8; 10 mm

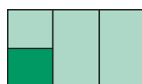
83 81 20 46 Empty tray 108



Code	g
96838165	505

	No-54KK	1/2" sizes 5; 6; 7; 8; 10 mm
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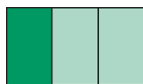
83 81 20 51 Empty tray 55



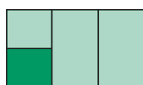
Code	g
96838164	900

	No-1054	1/2" sizes 8; 10; 12 mm
	No-2054	1/2" sizes 5; 6; 14 mm

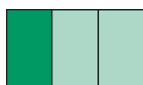
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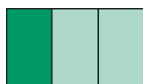
Code			g
96838115			1600
	No-54X	1/2"  sizes M5; M6; M8; M10; M12; M14; M16	
	No-54TX	1/2"  sizes T20; T25; T27; T30; T40; T45; T50; T55; T60	
83 81 20 45	Empty tray		111



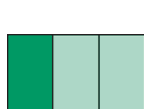
Code			g
96838163			950
	No-1054TX	1/2"  sizes T30; T50; T55; T60	
	No-2054TX	1/2"  sizes T40; T45	
83 81 20 81	Empty tray		55



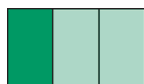
Code			g
96838133			575
	No-4720	size 1 (0.6-x-3.5-x-75 mm); size 2 (0.8-x-4-x-100 mm)	
	No-4722	size 1 (1-x-5.5-x-100 mm); size 2 (1.2-x-6.5-x-125 mm)	
	No-4732	sizes 1; 2; 3	
83 81 20 26	Empty tray		111



Code			g
96838134			480
	No-4820	0.6-x-3.5-x-75 mm; 0.8-x-4-x-100 mm; 1-x-5.5-x-125 mm; 1.2-x-6.5-x-150 mm	
	No-4830	sizes 1; 2	
83 81 20 66	Empty tray		111



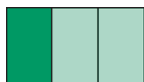
Code			g
96838135			735
	No-4820	0.6-x-3.5-x-75 mm; 0.8-x-4-x-100 mm; 1-x-5.5-x-125 mm; 1.2-x-6.5-x-150 mm; 1.6-x-8-x-175 mm	
	No-4830	sizes 1; 2; 3	
83 81 20 68	Empty tray		110



Code			g
96838136			493
	No-4856	sizes T8; T9; T10; T15; T20; T25; T27; T30; T40	
83 81 20 67	Empty tray		110



Code			g
96838121			2085
	No-65 01 5 180		
	No-65 29 5 200		
	No-65 43 4 002		
	No-65 45 4 002		
	No-65 51 6 240		
	No-65 64 2 250		
	No-66 02 5 160		
83 81 20 21	Empty tray		307



Code	g
96838122	700



No-65 43 4 002



No-65 44 4 021

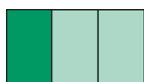


No-65 45 4 002



No-65 46 4 021

83 81 20 37	Empty tray	109
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Code	g
96838124	900



No-102 175 mm



No-105 120-x-12 mm

No-108 150-x-2.5; 150-x-3; 150-x-4; 150-x-5;
150-x-6; 150-x-8 mm

83 81 20 36	Empty tray	114
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Code	g
96838173	2120



No-12025 200 mm



No-12030 250 mm



No-12035 200 mm



No-12036 250 mm



No-10670 255 mm



No-12050 465 mm



No-12321



No-13110 300 mm



No-12931 3 m



No-12320



No-12377

83 81 20 88	Empty tray
-------------	------------



301

Code	g
96838125	1130



No-10956 Ø 35 mm



No-10960 500 g

83 81 20 25	Empty tray	114
-------------	------------	-----



806/9 TCS TCS tool set

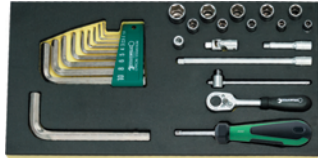


98 Tools, in TCS inlays (Tool Control System), suitable for Work Bench No-92, Tool Trolley No-93, 97/6KM, 97/6M., 97/7, 97/8; Tool Box No-94, 94/6, Magazine case No-920 and Wheely box No-922.

Code	kg
98 83 00 04	12.53



96 83 81 75



96 83 81 76



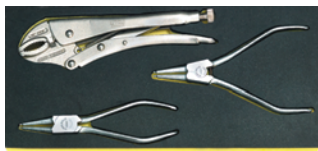
96 83 81 78



96 83 81 77



96 83 81 79



96 83 81 80



96 83 81 81



96 83 81 82



96 83 81 83

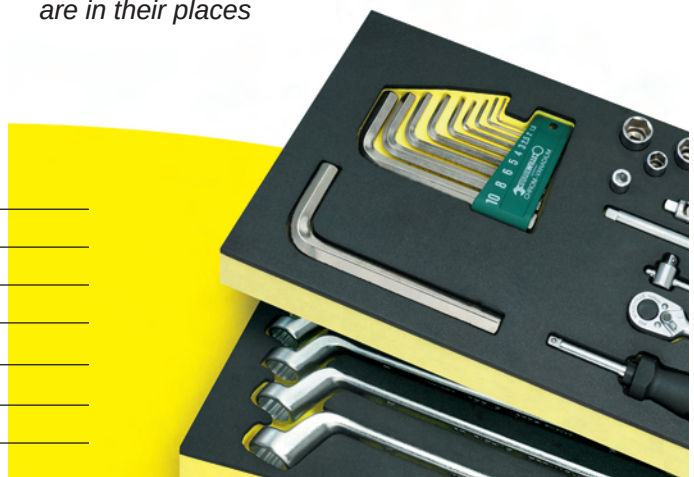
	No-10	sizes 6-x-7; 8-x-9; 10-x-11; 12-x-13; 14-x-15; 16-x-17; 18-x-19; 20-x-22; 24-x-27; 30-x-32 mm
	No-13	sizes 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24 mm
	No-40	1/4"  sizes 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
	No-400	1/4"  150 mm
	No-404	1/4"  116 mm
	No-405/2	1/4"  54 mm
	No-405/6	1/4"  150 mm
	No-407	1/4"  38 mm
	No-412	1/4"  
	No-415	1/4" 

	No-10760CV	1.5; 2; 2.5; 3; 4; 5; 6; 8; 10; 12 mm
	No-52	1/2"  sizes 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
	No-506	1/2"  300 mm
	No-509/2	1/2"  52 mm
	No-509/5	1/2"  130 mm
	No-509/10	1/2"  255 mm
	No-510	1/2"  71 mm
	No-512	1/2" 
	No-4720	size 1 (0.6-x-3.5-x-75 mm); size 2 (0.8-x-4-x-100 mm); size 4 (1-x-5.5-x-125 mm); size 5 (1.2-x-6.5-x-150 mm)
	No-4730	sizes 1; 2; 3
	No-65 01 5 180	
	No-65 29 5 200	
	No-65 43 4 002	
	No-65 45 4 002	
	No-65 51 6 240	
	No-65 64 2 250	
	No-66 02 5 160	
	No-102	175 mm
	No-108	150-x-6; 175-x-6 mm
	No-109	size 6; 100-x-3.4 mm
	No-10956	Ø 35 mm
	No-10960	500 g



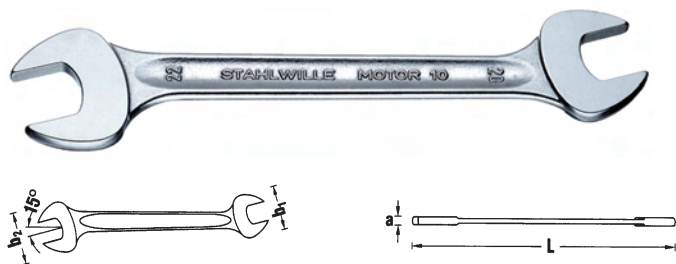
Tool Control System The safety inlay system

- Designed to fit our Tool Trolleys and Tool Boxes
- With yellow signal cut-outs to show whether all tools are in their places

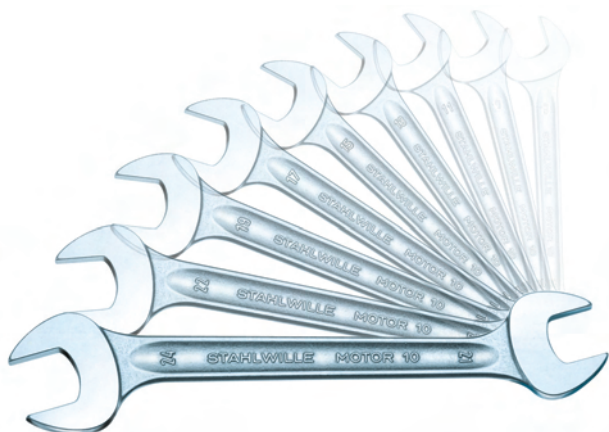


10 Double open ended spanners

DIN 3110, ISO 10102,
Chrome Alloy Steel, chrome plated.



Code	mm	L mm	b ₁ mm	b ₂ mm	a mm	ΔΔ g	
40030607	6-x-7	120	15.5	17	3.7	17	10
40030809	8-x-9	140	18	21	4.0	21	10
40031011	10-x-11	155	23	26	4.8	40	10
40031213	12-x-13	170	28	30	5.3	64	10
40031415	14-x-15	190	32	35	5.3	81	10
40031617	16-x-17	205	36	38	5.8	100	10
40031819	18-x-19	220	40	42.5	6.7	147	10
40032022	20-x-22	235	45	49	7.3	185	10
40032124	21-x-24	250	47	53	7.8	215	5
40032427	24-x-27	280	53	60	8.3	299	5
40032730	27-x-30	300	60	66	9.4	412	5
40033032	30-x-32	300	66	70	9.4	451	5



Sets: Double open ended spanners

Code	No	Content mm	ΔΔ g
96 40 03 11	10/7 ¹⁾	6-x-7; 8-x-9; 10-x-11; 12-x-13; 14-x-15; 16-x-17; 18-x-19	520
96 40 03 07	10/10 ²⁾	6-x-7; 8-x-9; 10-x-11; 12-x-13; 14-x-15; 16-x-17; 18-x-19; 20-x-22; 24-x-27; 30-x-32	1540

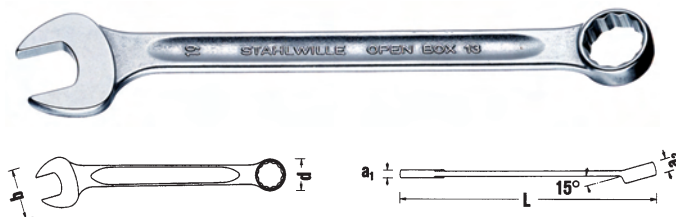
¹⁾ in convenient clip holder

²⁾ in clear view wallet

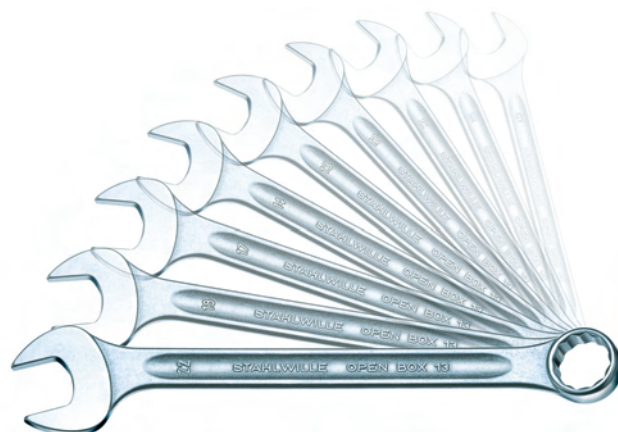
13 Combination spanners OPEN-BOX



DIN 3113 form A/ISO 7738 form A,
Chrome Alloy Steel, chrome plated.



Code	mm	L mm	b mm	d mm	a ₁ mm	a ₂ mm	ΔΔ g	
40080606	6	105	15.5	9.9	3.6	6	15	10
40080707	7	110	17	11.3	3.9	6	20	10
40080808	8	115	18	12.4	4.2	7	21	10
40080909	9	120	21	13.4	4.5	7	27	10
40081010	10	125	23	14.8	4.8	7	35	10
40081111	11	135	26	16.4	4.8	8	43	10
40081212	12	140	28	17.8	5.3	8.5	46	10
40081313	13	160	30	19.1	5.3	8.5	57	10
40081414	14	165	32	20.6	5.3	8.5	68	10
40081515	15	170	35	21.9	5.3	8.5	73	10
40081616	16	180	36	23.2	5.8	10	89	10
40081717	17	190	38	24.6	5.8	10	99	10
40081818	18	200	40	26	6.7	11.5	126	10
40081919	19	230	42	27.5	6.7	11.5	142	10
40082121	21	260	47	30.3	7.3	13	216	10
40082222	22	260	49	31.8	7.3	13	220	10
40082424	24	280	53	34.9	7.8	14	254	5
40082727	27	300	60	39.2	8.4	14.5	345	5
40083030	30	330	66	43.2	8.9	16	404	5
40083232	32	360	70	45.8	9.4	16.5	484	5



Sets: Combination spanners OPEN-BOX

Code	No	Content mm	ΔΔ g
96 40 08 15	13/13 ¹⁾	7; 8; 9; 10; 11; 12; 13; 14; 15; 17; 19; 22; 24	1282
96 40 08 05	13/26 ²⁾	6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 25; 26; 27; 28; 29; 30; 32	4705

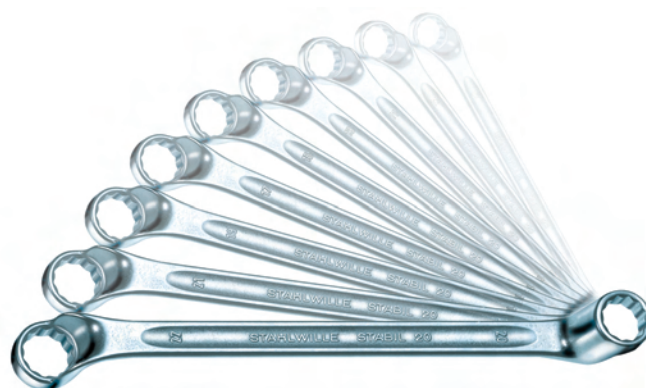
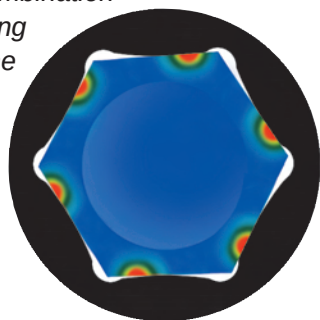
¹⁾ in convenient clip holder

²⁾ packed in carton

STAHlwille's AS Drive

The rings of STAHlwille combination spanners and double ended ring spanners are equipped with the AS Drive* profile: this permits high transmission of forces to the lands of nuts and bolts without damaging them. No longer will you have to worry about stripping the corners off nuts and bolts.

*Anti-Slip-Drive

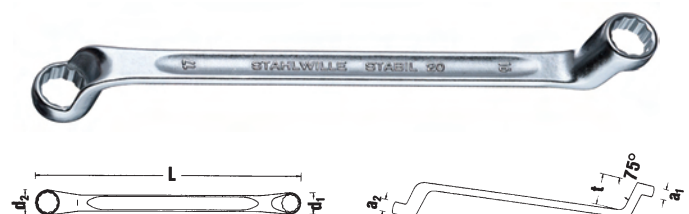


Sets: Double ended ring spanners

StahlwilleSTABIL®
offset.

20 Double ended ring spanners

AS-drive
StahlwilleSTABIL®
offset, DIN 838/ISO 10104,
Chrome Alloy Steel, chrome plated.



Code	mm	L mm	d ₁ mm	d ₂ mm	a ₁ mm	a ₂ mm	t mm	g	g	mm
41040607	6-x-7	165	10.5	11.8	6	7	18	46	10	
41040809	8-x-9	180	13.1	14.5	7	8	20	62	10	
41041011	10-x-11	200	15.8	17.2	9	9	23	93	10	
41041213	12-x-13	220	18.6	20	9	10	25	126	10	
41041415	14-x-15	245	21.3	22.6	10	12	27	163	10	
41041617	16-x-17	255	23.9	25.3	11	12	27	181	10	
41041821	18-x-21	300	26.6	30.7	12	13	31	279	10	
41041922	19-x-22	300	28	32.1	13	14	31	315	10	
41042427	24-x-27	330	34.7	38.6	14	15	34	447	5	
41043032	30-x-32	365	42.6	45.4	15	16	37	603	5	

Code	No	Content mm	g
96410408	20/7N	6-x-7; 8-x-9; 10-x-11; 12-x-13; 14-x-15; 16-x-17; 18-x-19	930
96410407	20/10	6-x-7; 8-x-9; 10-x-11; 12-x-13; 14-x-15; 16-x-17; 18-x-19; 20-x-22; 24-x-27; 30-x-32	2331

Standard packing: carton.



21 Double ended ring spanners

AS-drive

StahlwilleSTABIL®

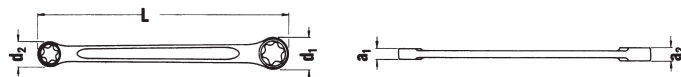
straight, DIN 837/ISO 10103,
Chrome Alloy Steel, chrome plated.



Code	mm	L mm	d ₁ mm	d ₂ mm	a mm	ΔΔ g	
41050607	6-x-7	100	9.6	11	4.5	14	10
41050809	8-x-9	115	12.5	14	5.5	19	10
41051011	10-x-11	130	15.4	16.6	6	28	10
41051213	12-x-13	150	18.2	19.5	6.5	42	10
41051415	14-x-15	165	21	22.5	7.5	55	10
41051617	16-x-17	170	23.8	25	8	68	10
41051819	18-x-19	185	26.3	27.6	9	84	10
41052022	20-x-22	210	29	32.4	9	109	5
41052124	21-x-24	235	30.5	34.7	10	128	5

21TX Double ended ring spanners

for external TORX® screws, straight,
Chrome Alloy Steel, chrome plated.

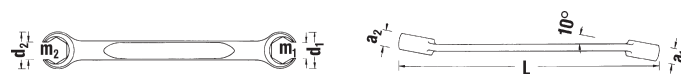


Code	size	L mm	d ₁ mm	d ₂ mm	a ₁ mm	a ₂ mm	ΔΔ g	
41250608	E6-x-E8	115.5	9.6	11.6	4.5	5.5	17	10
41251012	E10-x-E12	149.5	13.7	15.7	6.5	7.5	33	10
41251418	E14-x-E18	185	17.8	22.5	8	9.5	71	10
41252024	E20-x-E24	227	24.7	29.2	10.5	12.5	129	10

24 Double ended open ring spanners, angled

AS-drive

DIN 3118/ISO 3318,
Chrome Alloy Steel, chrome plated.



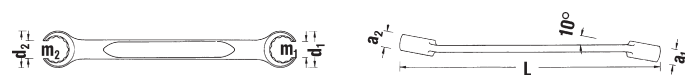
Code	mm	L mm	d ₁ mm	d ₂ mm	a ₁ mm	a ₂ mm	m ₁ mm	m ₂ mm	ΔΔ g	
41081011	10-x-11	155	19.5	21.5	8.5	9	7.1	8.6	55	10
41081113	11-x-13	170	21.5	24	9	10	8.6	10	80	10

24

Double ended open ring spanners, angled

AS-drive

DIN 3118/ISO 3318,
Chrome Alloy Steel, chrome plated.



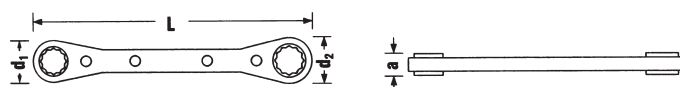
Code	mm	L mm	d ₁ mm	d ₂ mm	a ₁ mm	a ₂ mm	m ₁ mm	m ₂ mm	ΔΔ g	
41081417	14-x-17	200	26	30	10.5	12	11	14	115	10
41081719	17-x-19	220	30	33	12	13	14	15.8	151	10

25

Ratchet ring spanners

AS-drive

with bi-hexagon, straight, chrome plated.



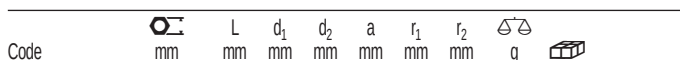
Code	mm	L mm	d ₁ mm	d ₂ mm	a mm	ΔΔ g	
41130708	7-x-8	109	15	17	9	55	1
41130910	9-x-10	139	20	23	9	80	1
41131011	10-x-11	170	26	30	12	144	1
41131213	12-x-13	170	26	30	12	135	1
41131415	14-x-15	170	26	30	12	126	1
41131618	16-x-18	205	33	36	12	196	1
41131719	17-x-19	205	33	36	12	188	1
41131921	19-x-21	230	36	40	13	233	1

27

Double ended ring spanners STARTER

AS-drive

ISO 3318, Chrome Alloy Steel, chrome plated.



Code	mm	L mm	d ₁ mm	d ₂ mm	a mm	r ₁ mm	r ₂ mm	ΔΔ g	
41091113	11-x-13	150	16.5	19.5	6.5	35	60	50	10
41091416	14-x-16	179	21	24.5	7.5	36	64	91	10
41091517	15-x-17	184	22.5	25	7.5	38	66	96	10
41091922	19-x-22	225	28	32	9	48	67	164	5

4328 T-handle universal joint spanners

with hexagon. Movement of universal joint 130°. Chrome Alloy Steel, chrome plated.

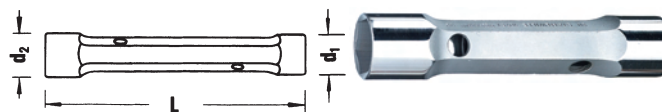


Code	mm	L ₁ mm	L ₂ mm	b mm	g	
43 28 00 07	7	431	160	10.8	212	5
43 28 00 08	8	432	160	12	211	5
43 28 00 09	9	433	160	13	212	5
43 28 00 10	10	435	160	14.5	215	5
43 28 00 11	11	455.5	190	15.6	430	5
43 28 00 12	12	455.5	190	16.9	439	5
43 28 00 13	13	457	190	18	441	5
43 28 00 14	14	457	190	19.4	436	5
43 28 00 16	16	477.5	220	22.4	723	3
43 28 00 17	17	478.5	220	23.5	724	3
43 28 00 18	18	481	220	25	732	3
43 28 00 19	19	481	220	26.3	736	3
43 28 02 08	20.8 *	507.5	220	27.5	765	3

* with rubber inserts for sparks

10751 Box spanners

double ended, forged Chrome Vanadium Steel, bored out, polished heads, chrome plated.



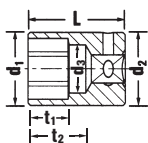
Code	mm	L mm	d ₁ mm	d ₂ mm	mm	g	
43 20 06 07	6-x-7	110	9.5	10.5	8	39	10
43 20 08 09	8-x-9	120	11.8	13	9	55	10
43 20 10 11	10-x-11	130	14.4	16	11	72	10
43 20 12 13	12-x-13	140	17	18.4	13	116	10
43 20 14 15	14-x-15	150	19.5	20.8	14	147	10
43 20 16 17	16-x-17	160	21.8	23	16	193	10



40 Sockets



DIN 3124/ISO 2725-1, ASME B 107.5M, E DIN EN 3709 (test loads), HPQ high performance steel, chrome plated.

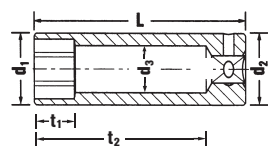


Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg	g	
01010005	5	7.9	10.7	4	23	4.5	15	9	10	
01010055	5.5	8.5	10.7	4.5	23	6	15	9	10	
01010006	6	9.2	10.7	5	23	6	15	9	10	
01010007	7	10.7	10.7	6	23	6.5	13.4	10	10	
01010008	8	11.6	11.6	7	23	8	13.1	11	10	
01010009	9	12.8	12.8	8	23	8	12.8	14	10	
01010010	10	14.3	14.3	9	23	8	14.9	17	10	
01010011	11	15.5	15.5	10	23	9	14.6	19	10	
01010012	12	16.5	16.5	11	23	9.5	14.3	24	10	
01010013	13	17.8	17.8	12	23	9.5	14	26	10	
01010014	14	18.8	18.8	13	24	10	14.7	32	10	

40L Sockets



extra deep, DIN 3124/ISO 2725-1, ASME B 107.5M, E DIN EN 3710, E DIN EN 3709 (test loads), HPQ high performance steel, chrome plated.

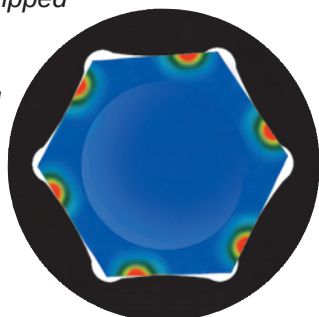


Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg	g	
01020004	4	6.7	10.7	3.2	50	3.5	42	14	10	
01020045	4.5	7.3	10.7	3.7	50	4	42	15	10	
01020005	5	7.9	10.7	4	50	4.5	42	16	10	
01020055	5.5	8.5	10.7	4.5	50	6	42	17	10	
01020006	6	9.2	10.7	5	50	6	42	18	10	
01020007	7	10.7	10.7	6	50	6.5	40.9	24	10	
01020008	8	11.6	11.6	7	50	8	40.1	27	10	
01020009	9	12.8	12.8	8	50	8	39.8	31	10	
01020010	10	14.3	14.3	9	50	9	41.9	38	10	
01020011	11	15.5	15.5	10	50	10.5	41.6	43	10	
01020012	12	16.5	16.5	11	50	12	41.3	49	10	
01020013	13	17.8	17.8	12	50	12	41	56	10	

STAHLWILLE AS-Drive

STAHLWILLE sockets are equipped with the AS Drive* profile: this permits high transmission of forces to the lands of nuts and bolts without damaging them. No longer will you have to worry about stripping the corners off nuts and bolts.

*Anti-Slip Drive



STAHLWILLE's HPQ inserts

STAHLWILLE HPQ* sockets are manufactured from selected tough steel alloys. The result: they are extremely durable. HPQ sockets are free of cadmium and are therefore suitable for use on titanium alloy parts and titanium fasteners as used e.g. in the aerospace industry, where safety is a crucial factor.

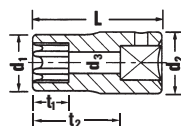
*High Performance Quality



40TX Sockets



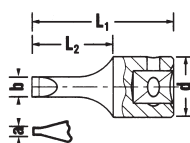
for external TORX® screws, HPQ high performance steel, chrome plated.



Code	size	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg	g	
01270004	E4	3.8	5.6	10.7	2	23	4.5	15	8	10	
01270005	E5	4.7	6.7	10.7	2.8	23	5	15	7	10	
01270006	E6	5.7	8	10.7	3.6	23	5.5	15	10	10	
01270007	E7	6.2	9.6	10.7	3.8	23	6.5	15	10	10	
01270008	E8	7.5	10.5	11.6	4.3	23	7	15	13	10	
01270010	E10	9.4	12.7	12.7	5.6	23	9	15	17	10	

41K Screwdriver sockets

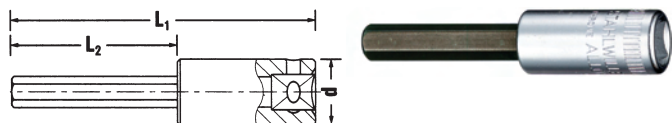
for slotted screws, blades to DIN 5264, Chrome Alloy Steel, chrome plated.



Code	mm	L ₁ mm	L ₂ mm	d mm	a mm	b mm	Δg	g	
01280006	0.6x3.5	28	16	11.6	0.6	3.5	9	5	
01280010	1x5.5	28	16	11.6	1	5.5	11	5	
01280012	1.2x8	28	16	11.6	1.2	8	12	5	

44 IN HEX sockets

for socket head screws, DIN 7422,
Chrome Alloy Steel, chrome plated.



Code	mm	L ₁ mm	L ₂ mm	d mm	g	
01050025	2.5	55	30	10.7	14	5
01050003	3	55	30	10.7	14	5
01050004	4	55	30	10.7	16	5
01050005	5	55	30	10.7	20	5
01050006	6	55	30	11.6	26	5

44K IN HEX sockets

for socket head screws,
Chrome Alloy Steel, chrome plated.



Code	mm	L ₁ mm	L ₂ mm	d mm	g	
01120003	3	28	16	11.6	10	5
01120004	4	28	16	11.6	10	5
01120005	5	28	16	11.6	10	5
01120006	6	28	16	11.6	10	5
01120008	8	28	16	11.6	15	5



© BMW AG

44KTX Screwdriver sockets

for inside TORX® screws,
Chrome Alloy Steel, chrome plated.



Code	size	mm	L ₁ mm	L ₂ mm	d mm	g	
01350008	T8	2.3	28	16	11.6	10	5
01350009	T9	2.5	28	16	11.6	10	5
01350010	T10	2.7	28	16	11.6	10	5
01350015	T15	3.3	28	16	11.6	10	5
01350020	T20	3.8	28	16	11.6	11	5
01350025	T25	4.4	28	16	11.6	11	5
01350027	T27	5.0	28	16	11.6	11	5
01350030	T30	5.5	28	16	11.6	11	5
01350040	T40	6.6	28	16	11.6	12	5

44KTXB Screwdriver sockets

with hollow point, for inside TORX® screws
(TORX® TAMPER RESISTANT),
Chrome Alloy Steel, chrome plated.



Code	size	mm	L ₁ mm	L ₂ mm	d mm	g	
01351008	T8	2.3	28	16	11.6	10	5
01351009	T9	2.5	28	16	11.6	10	5
01351010	T10	2.7	28	16	11.6	10	5
01351015	T15	3.3	28	16	11.6	10	5
01351020	T20	3.8	28	16	11.6	10	5
01351025	T25	4.4	28	16	11.6	11	5
01351027	T27	5.0	28	16	11.6	11	5
01351030	T30	5.5	28	16	11.6	11	5
01351040	T40	6.6	28	16	11.6	12	5

44P Screwdriver sockets

for recessed head screws Phillips-Recess®, tips to DIN 5260,
Chrome Alloy Steel, chrome plated.



Code	PH size	L ₁ mm	L ₂ mm	d mm	g	
01290001	1	28	16	11.6	10	5
01290002	2	28	16	11.6	11	5
01290003	3	28	16	11.6	12	5
01290004	4	28	16	11.6	14	5

415 Ratchet

reversible (22 teeth),
DIN 3122/ISO 3315.



Code	L mm	b mm	a mm	△ g	☐
11 11 00 10	117	22	12.5	76	5

415QR QuickRelease ratchet



reversible (22 teeth),
with QuickRelease safety
locks and 2-component
handles, DIN 3122/ISO 3315.



Code	L mm	b mm	a mm	△ g	☐
11 11 00 20	117	22	12.5	79	1

QR The QuickRelease system

*Ratchets, handles, extensions,
universal joints with
safety locks.*

- Secure, rapid connection between the individual components to form a single combined unit.
- Can only be separated by releasing the locking mechanism.
- Variable combinations of components possible.



415B 2K Ratchet

reversible, with plastic handle
and inside hexagon,
1/4," DIN 3126/ISO 1173 D 6.3 for
Bits Screwdriver sockets 1/4"
(22 teeth).
Internal hex drive with a collar-
thrust spring (registered design).
Bits are easy to insert, lock
securely in position and can be
removed just as easily; even hex
bits with a wide groove (Type E,
DIN 3126/ISO 1173).



Code	L mm	b mm	a mm	△ g	☐
91 21 79 41	117	22	12	85	5

400 Drive handle

DIN 3122/ISO 3315.



Code	L mm	△ g	☐
11 05 00 10	150	70	5

400QR QuickRelease drive handle



DIN 3122/ISO 3315, with
QuickRelease safety locks.



Code	L mm	△ g	☐
11 05 10 10	150	75	1

401 Drive handle

flexible shaft (right hand rotation
only), maximum torque 5 N m.



Code	L mm	△ g	☐
11 05 00 02	230	120	5

404 Sliding T-handle

DIN 3122/ISO 3315.



Code	L mm	△ g	☐
11 07 00 00	116	38	5

404QR QuickRelease sliding T-handle



with QuickRelease safety locks.



Code	L mm	△ g	☐
11 07 10 00	116	52	1

435B Ratchet

reversible, for BITS screwdrivers
with outside hexagon 5/16"
DIN 3126/ISO 1173 Form C 8
(30 teeth).
Internal hex drive with a collar-
thrust spring (registered design).
Bits are easy to insert, lock
securely in position and can be
removed just as easily; even hex
bits with a wide groove (Type E,
DIN 3126/ISO 1173).

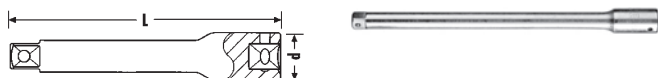


Code	inside O	"	L mm	△ g	☐
12 13 00 11	D8	5/16	193	220	1

inside O DIN 3126/ISO 1173

405 Extensions

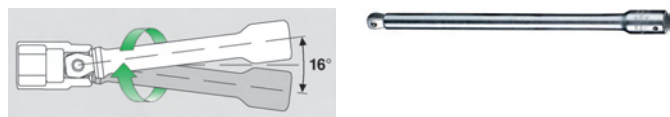
DIN 3123/ISO 3316.



Code	size	L mm	d mm	Δ g	
11010001	2	54	11.6	29	5
11010006	4	100	11.6	46	5
11010002	6	150	11.6	65	5
11010010	10	254	11.6	115	1
11010014	14	356	11.6	155	1

Extensions with wobble-drive

swivel angle 8°
each side,
max. torque 40 N m.



Code	No	L mm	d mm	Δ g	
11010011	405/2W	54	11.6	28	1
11010016	405/4W	100	11.6	45	1
11010012	405/6W	150	11.6	55	1
11010020	405/10W	254	11.6	110	1
11010024	405/14W	356	11.6	155	1

QuickRelease extensions



DIN 3123/ISO 3316.



Code	No	L mm	d mm	Δ g	
11011001	405/2QR	54	12	28	1
11011002	405/6QR	150	12	65	1

406 Extension, flexible

(right hand rotation only)
maximum torque 5 N m.



Code	L mm	d mm	Δ g	
11040000	152	11.6	61	5

407 Universal joint

DIN 3123/ISO 3316.

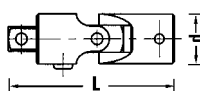


Code	L mm	d mm	Δ g	
11020000	37	12.8	23	5

407QR QuickRelease universal joint



with QuickRelease safety locks.



Code	L mm	d mm	Δ g	
11021000	45	13	35	1

409 Adaptor



1/4" socket -x-3/8" plug
(6.3 X 10),
DIN 3123/ISO 3316,
HPQ high performance steel.



Code	L mm	d mm	Δ g	
11030002	25	12.8	18	5

409M Adaptor

1/4" socket-x-3/8" plug
(6.3-x-10-mm).



Code	L mm	ϕ mm	Δ g	
11030010	13	25	14	1

412 Bit holder



1/4" inside hexagon,
DIN 3126 form D 6.3/
ISO 1173 form D 6.3.
Internal hex drive with a collar-
thrust spring (registered design).
Bits are easy to insert, lock
securely in position and can be
removed just as easily; even hex
bits with a wide groove (Type E,
DIN 3126/ISO 1173). HPQ high



Code	L mm	d mm	Δ g	
11180010	25	11.6	15	5

412-1 Bit holder



○ 1/4" inside hexagon,
DIN 3126 form D 6.3/
ISO 1173 form D 6.3.
Outer ● 10-mm for use in tools
with 10-mm internal hex drive
or internal double hexagon (e.g.
"FLEXI" double-ended flexi-joint
spanners, T-handle universal joint
spanners, box spanners, ratchet
ring spanners etc.)
Internal hex drive with a collar-
thrust spring (registered design).
Bits are easy to insert, lock
securely in position and can be
removed just as easily; even hex
bits with a wide groove (Type E,
DIN 3126/ISO 1173).
HPQ high performance steel.



Code	outside ●	L mm	d mm	ΔΔ g	☐
11 1800 20	10-mm	20	11.6	11	5

40/13/6 Socket set 1/4" ☐

In sturdy sheet steel case,
19 pieces
Content:
13 sockets with hexagon
No-40: sizes 3.5; 4; 4.5; 5; 5.5;
6; 7;
8; 10; 11; 12; 13-mm
1 ratchet No-415
2 extensions
No-405/2 (54-mm),
No-405/6 (150-mm)
1 universal joint No-407
1 drive handle No-400
1 T-handle No-404



Code	ΔΔ g
960101 24	1027

40/13/6QR Socket set 1/4" ☐



in sturdy ABS plastic case,
19 pieces
Content:
13 sockets with hexagon
No-40: sizes 3.5; 4; 4.5; 5; 5.5;
6; 7;
8; 10; 11; 12; 13-mm
1 ratchet No-415QR
2 extensions
No-405/2QR (54-mm),
No-405/6QR (150-mm)
1 universal joint No-407QR
1 drive handle No-400QR



Code	ΔΔ g
960101 80	765

40/44/17/5QR Socket set 1/4" ☐



in sturdy ABS plastic case,
22 pieces
Content:
13 sockets with hexagon
No-40: sizes 3.5; 4; 4.5; 5; 5.5;
6; 7;
8; 9; 10; 11; 12; 13-mm
4 INHEX sockets No-44:
sizes 3; 4; 5; 6-mm
1 ratchet 415QR
1 extension No-405/6QR
(150-mm)
1 universal joint No-407QR
1 drive handle 400QR
1 T-handle No-404QR



Code	ΔΔ g
960101 81	805

QR The QuickRelease system

*Ratchets, handles, extensions,
universal joints with
safety locks.*

- Secure, rapid connection between the individual components to form a single combined unit.
- Can only be separated by releasing the locking mechanism.
- Variable combinations of components possible.



40/24/6

Socket set 1/4" ☐

in sturdy ABS plastic case,
30 pieces

Content:
12 sockets with hexagon No-40:
sizes 4; 5; 5.5; 6; 7; 8; 9; 10; 11;
12; 13; 14-mm
3 screwdriver sockets $\ominus$ No-41K:
0.6-x-3.5; 1.0-x-5.5; 1.2-x-8-mm
5 INHEX sockets No-44K:
sizes 3; 4; 5; 6; 8-mm
2 screwdriver sockets
 $\oplus$ No-44P: sizes 1; 2
2 screwdriver sockets
 $\oplus$ No-44PZ: sizes 1; 2
1 ratchet No-415
2 extensions
No-405/2 (54-mm),
No-405/6 (150-mm)
1 universal joint No-407
1 drive handle No-400
1 T-handle No-404



Code	g
96 01 01 38	895

40/24/6QR

Socket set 1/4" ☐



in sturdy ABS plastic case,
30 pieces

Content:
12 sockets with hexagon
No-40: sizes 4; 5; 5.5; 6; 7; 8; 9;
10;
11; 12; 13; 14-mm
3 screwdriver sockets $\ominus$ No-41K:
0.6-x-3.5; 1.0-x-5.5; 1.2-x-8-mm
5 INHEX sockets No-44K:
sizes 3; 4; 5; 6; 8-mm
2 screwdriver sockets
 $\oplus$ No-44P: sizes 1; 2
2 screwdriver sockets
 $\oplus$ No-44PZ: sizes 1; 2
1 ratchet No-415QR
2 extensions
No-405/2QR (54-mm),
No-405/6QR (150-mm)
1 universal joint No-407QR
1 drive handle No-400QR
1 T-handle No-404QR



Code	g
96 01 01 82	915

89TX

Socket set TORX® 1/4; 3/8; 1/2" ☐

In sturdy sheet steel case,
35 pieces

Content:
3 sockets for external TORX®
screws No-40TX: sizes E4; E5; E6
2 screwdriver sockets for internal
TORX® screws No-44KTX:
sizes T8; T9
4 sockets for external TORX®
screws No-45TX:
sizes E7; E8; E10; E12
5 screwdriver sockets for internal
TORX® screws No-49TX:
sizes T10; T15; T20; T25; T27
6 sockets for external TORX®
screws No-50TX: sizes E11; E14;
E16; E18; E20; E24
6 screwdriver sockets for internal
TORX® screws No-54TX:
sizes T30; T40; T45; T50; T55;
T60
7 bits $\oplus$ 1440: T10; 1441: T15;
1442: T20; 1443: T25; 1444: T27;
1445: T30; 1446: T40
1 bit-holder No-442
1 TORX® controller: sizes E6; E7;
E8; E10; E12; E14; E16; T10; T15;
T20; T25; T27; T30; T40; T45;
T47; T50; T55; T60



Code	g
98 81 09 08	2785

85TX

Socket set TORX® 1/4; 3/8; 1/2" ☐

In sturdy sheet steel case,
57 pieces

Content:
4 double ended ring spanners for
external TORX® screws
No-21TX: sizes E6-x-E8; E10-x-E12;
E14-x-E18; E20-x-E24
5 sockets for external TORX®
screws No-40TX:
sizes E4; E5; E6; E7; E8
3 sockets for external TORX®
screws No-45TX:
sizes E10; E12; E14
5 sockets for external TORX®
screws No-50TX: sizes E11; E16;
E18; E20; E24
5 screwdriver sockets for internal
TORX® screws No-54TX: sizes T40;
T45; T50; T55; T60
4 bits $\oplus$ 1410: T6; 1411: T7;
1412: T8; 1413: T9;
7 bits $\oplus$ 1440: T10; 1441: T15;
1442: T20; 1443: T25; 1444: T27;
1445: T30; 1446: T40
1 bit $\oplus$ 1427: T25 (65-mm)
10 TORX® DRALL screwdrivers
No-4750: sizes T6; T7; T8; T9; T10;
T15; T20; T25; T27; T30
11 angled screwdrivers for internal
TORX® screws No-10766:
sizes T6; T7; T8; T9; T10; T15; T20; T25; T27; T30; T40
1 ratchet No-415SGB
1 bit-holder No-442

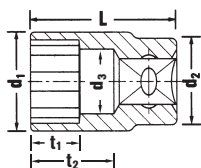


Code	g
98 81 04 02	4610

45 Sockets



DIN 3124/ISO 2725-1, ASME B 107.5M, E DIN EN 3709, HPQ high performance steel, chrome plated.

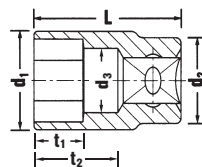


Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δ _g g	
02010007	7	10.5	16.5	6	24	6	12.5	19	10
02010008	8	11.7	16.5	7	25	7	13.5	19	10
02010009	9	13	16.5	8	25	7	13.5	19	10
02010010	10	14.3	16.5	9	27	8.5	15.5	20	10
02010011	11	15.6	16.5	10	27	8.5	13.7	21	10
02010012	12	16.9	17.5	11	28	9.5	14.4	24	10
02010013	13	18	17.5	12	30	11.5	16.1	25	10
02010014	14	19.4	17.5	13	30	11.5	15.8	28	10
02010015	15	20.6	19	14	31	12.5	19.2	30	10
02010016	16	21.7	19	15	31	13.5	18.9	33	10
02010017	17	23	19	16	31	12.5	18.6	37	10
02010018	18	24.2	19	17	32	13.5	19.3	39	5
02010019	19	25.2	19	18	32	13.5	19	39	5
02010020	20	26.2	20	19	34	15.5	20.7	51	5
02010021	21	27.7	21	20	34	15.5	20.5	53	5
02010022	22	28.7	21	21	35	17	21.2	61	5
02010024	24	31.5	24	21	35	18	21.2	92	5

456 Sockets



DIN 3124/ISO 2725-1, ASME B 107.5M, E DIN EN 3709 (test loads), HPQ high performance steel, chrome plated.

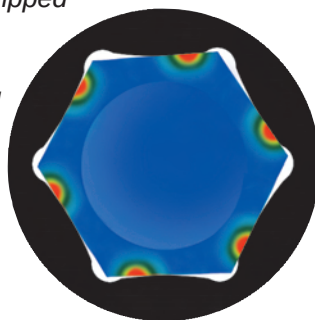


Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δ _g g	
02110007	7	10.5	16.5	6	24	6	12.5	19	10
02110008	8	11.7	16.5	7	25	7	13.5	19	10
02110009	9	13	16.5	8	25	7	13.5	20	10
02110010	10	14.3	16.5	9	27	8.5	15.5	20	10
02110011	11	15.6	16.5	10	27	8.5	13.7	21	10
02110012	12	16.9	17.5	11	28	9.5	14.4	24	10
02110013	13	18	17.5	12	30	11.5	16.1	25	10
02110014	14	19.4	17.5	13	30	11.5	15.8	29	10
02110015	15	20.6	19	14	31	12.5	19.2	30	10
02110016	16	21.7	19	15	31	13.5	18.9	34	10
02110017	17	23	19	16	31	12.5	18.6	45	10
02110018	18	24.2	19	17	32	13.5	19.3	42	10
02110019	19	25.2	19.6	18	32	13.5	19	43	10
02110020	20	26.2	20.5	19	34	15.5	20.7	53	10
02110021	21	27.7	21.8	20	34	15.5	20.5	59	10
02110022	22	28.7	21	21	35	17	21.2	59	10

STAHLWILLE AS-Drive

STAHLWILLE sockets are equipped with the AS Drive* profile: this permits high transmission of forces to the lands of nuts and bolts without damaging them. No longer will you have to worry about stripping the corners off nuts and bolts.

*Anti-Slip Drive



STAHLWILLE's HPQ inserts

STAHLWILLE HPQ* sockets are manufactured from selected tough steel alloys. The result: they are extremely durable. HPQ sockets are free of cadmium and are therefore suitable for use on titanium alloy parts and titanium fasteners as used e.g. in the aerospace industry, where safety is a crucial factor.

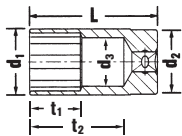
*High Performance Quality



46 Sockets



extra deep, DIN 3124/ISO 2725-1, E DIN EN 3710, E DIN EN 3709, ASME B 107.5M, HPQ high performance steel, chrome plated.

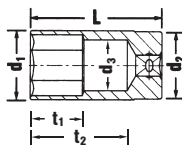


Code	mm/"	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	ΔΔ g	
02 02 00 10	10	14.3	16.5	9	54	20	42.5	47	10
02 02 00 12	12	16.9	17.5	11	54	20	40.4	57	10
02 02 00 13	13	18	17.5	12	54	20	40.1	61	10
02 02 00 16	16	21.7	19.5	15	60	25	47.9	81	10
02 02 00 17	17	23	21	16	65	30	52.6	97	10
02 02 00 18	18	24.2	22	17	65	30	52.3	121	10
02 02 00 19	19	25.2	23	18	65	30	52	134	10
02 02 00 21	21	27.7	25.5	20	65	30	51.5	137	5

466 Sockets



extra deep, DIN 3124/ISO 2725-1, ASME B 107.5M, E DIN EN 3710, E DIN EN 3709 (test loads), HPQ high performance steel, chrome



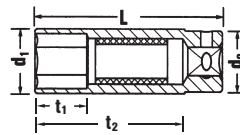
Code	mm/"	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	ΔΔ g	
02 12 00 10	10	14.3	16.5	9	54	20	42.5	49	10
02 12 00 11	11	15.6	16.5	10	54	20	40.7	52	10
02 12 00 12	12	16.9	17.5	11	54	20	40.4	57	10
02 12 00 13	13	18	17.5	12	54	20	40.1	53	10
02 12 02 08	20.8-13/16 ¹⁾	27.2	25	-	65	18	-	156	10

¹⁾ with rubber insert for spark plugs

4606 Spark plug socket



extra deep, with rubber insert, HPQ high performance steel, chrome plated.



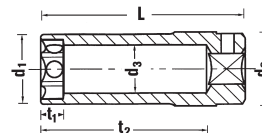
Code	mm/"	d ₁ mm	d ₂ mm	L mm	t ₁ mm	t ₂ mm	ΔΔ g	
02 13 00 18	18 - 11/16	24.2	22	65	18	52.8	132	10

Assembly of spark plugs on motorcycles

4660 Spark plug socket



extra deep, with magnet, outside hexagon 19-mm, HPQ high performance steel, chrome plated.



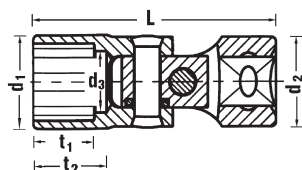
Code	mm/"	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	ΔΔ g	
02 13 00 36	16 - 5/8	21.7	23	15.5	64	7.5	51.9	113	5



47 UNIFLEX sockets



HPQ high performance steel, chrome plated.

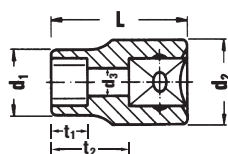


Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg	g	
02040010	10	14.3	17.5	9	45.5	7	12	51	1	
02040011	11	15.6	17.5	10	47.5	11	14	55	1	
02040012	12	16.9	17.5	11	48	11	14.5	54	1	
02040013	13	18.3	17.5	12	48	12	14.5	53	1	
02040014	14	19.4	17.5	13	48.5	13	14.5	59	1	
02040015	15	20.6	17.5	14	48.5	13	14.5	56	1	
02040016	16	21.8	17.5	15	51.5	14	17	58	1	

45TX Sockets



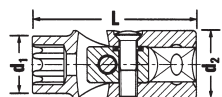
for external TORX® screws,
HPQ high performance steel, chrome plated.



Code	size	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg	g	
02270010	E10	9.4	13	16.5	5.6	28	8	16.5	27	10	
02270012	E12	11.1	14.9	16.5	7.2	28	9.5	16.5	28	10	
02270014	E14	12.9	16.5	17.3	8	28	10	16.5	34	10	

47TX UNIFLEX sockets

for external TORX® screws,
Chrome Alloy Steel, chrome plated.



Code	size	mm	d ₁ mm	d ₂ mm	L mm	Δg	g	
02070008	E8	7.5	11.5	19	43	56	1	
02070010	E10	9.4	13.8	19	44	61	1	
02070012	E12	11.1	16	19	46	66	1	
02070014	E14	12.9	17.8	19	48	75	1	

STAHLWILLE's HPQ inserts

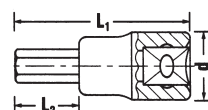
STAHLWILLE HPQ* sockets are manufactured from selected tough steel alloys. The result: they are extremely durable. HPQ sockets are free of cadmium and are therefore suitable for use on titanium alloy parts and titanium fasteners as used e.g. in the aerospace industry, where safety is a crucial factor.



*High Performance Quality

49 INHEX sockets

for socket head screws, DIN 7422,
Chrome Alloy Steel, chrome plated.



Code	mm	L ₁ mm	L ₂ mm	d mm	Δg	g	
02050003	3	52	20	17.8	38	5	
02050004	4	52	20	17.8	40	5	
02050005	5	52	20	17.8	44	5	
02050006	6	52	20	17.8	46	5	
02050007	7	52	20	17.8	51	5	
02050008	8	52	20	17.8	55	5	
02050010	10	52	20	17.8	62	5	

2049 INHEX sockets

for socket head screws,
extra long, DIN 7422,
Chrome Alloy Steel, chrome plated.



Code	mm	L ₁ mm	L ₂ mm	d mm	Δg	g	
02151004	4	100	68	17.8	45	5	
02151005	5	100	68	17.8	50	5	
02151006	6	100	68	17.8	57	5	
02151208	8	120	88	17.8	85	5	
02151210	10	120	88	17.8	106	5	

INHEX sockets

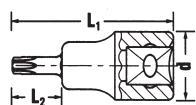
for socket head screws,
DIN 7422, special lengths,
Chrome Alloy Steel, chrome plated.



Code	No	mm	L ₁ mm	L ₂ mm	d mm	Δg	g	
02151204	1049/4	4	120	88	17.8	47	5	
02151205	3049/5	5	72	40	17.8	46	5	
02158506	1049/6	6	85	53	17.8	55	5	
02151007	1049/7	7	100	68	17.8	66	5	
02152408	3049/8	8	24	6.5	19	28	5	

49TX Screwdriver sockets

for inside TORX® screws,
Chrome Alloy Steel, chrome plated.



Code	size	mm	L ₁ mm	L ₂ mm	d mm	Δg	g	box
02100010	T10	2.7	49	17	17.8	45	5	
02100015	T15	3.3	49	17	17.8	45	5	
02100020	T20	3.8	49	17	17.8	46	5	
02100025	T25	4.4	49	17	17.8	46	5	
02100027	T27	5	49	17	17.8	46	5	
02100030	T30	5.5	49	17	17.8	47	5	
02100040	T40	6.6	49	17	17.8	48	5	

49TX/8 Set: Screwdriver sockets

for inside TORX® screws.
T9; T10; T15; T20; T25; T27; T30; T40

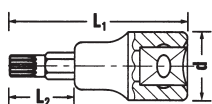


Code	g	box
96021001	456	1

in carton packing

49X Screwdriver sockets

for tri-square socket head screws (XZN®), DIN 2324,
Chrome Alloy Steel, chrome plated.



Code	size	L ₁ mm	L ₂ mm	d mm	Δg	g	box
02060006	M6	52	20	17.8	47	5	
02060008	M8	52	20	17.8	56	5	
02060010	M10	52	20	17.8	63	5	

3049X Screwdriver sockets

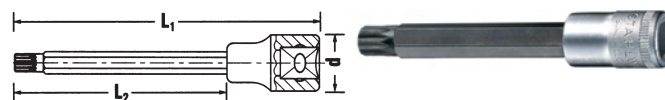
for tri-square socket head screws
(XZN®), extra long, DIN 2324,
Chrome Alloy Steel, chrome
plated.



Code	size	L ₁ mm	L ₂ mm	d mm	Δg	g	box
02261208	M8	120	88	17.8	80	5	
02261210	M10	120	88	17.8	106	5	

Screwdriver sockets

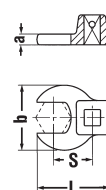
for tri-square socket head screws (XZN®),
special lengths, DIN 2324,
Chrome Alloy Steel, chrome plated.



Code	No	size	L ₁ mm	L ₂ mm	d mm	Δg	g	box
02160008	1049x	M8	75	43	17.8	63	5	
02160010	2049x	M10	105	73	17.8	94	5	

540 CROW-FOOT spanners

Caution! Modified settings on torque wrench (refer to note on page 57),
Chrome Alloy Steel, chrome plated.



Code	mm	"	L mm	b mm	a mm	V mm	Δg	g	box
02200022	22	3/8	44.5	41	6.3	24.2	64	1	

435 Ratchet

reversible (30 teeth),
DIN 3122/ISO 3315.



Code	L mm	b mm	a mm	Δg	g	box
12110010	193	29	17	233	5	

435QR QuickRelease ratchet

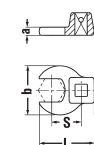
reversible (30 teeth),
with QuickRelease safety
locks and 2-component
handles, DIN 3122/ISO 3315.



Code	L mm	b mm	a mm	Δg	g	box
12110020	193	29	17	244	1	

440 CROW-FOOT spanners

Caution! Modified settings on torque wrench (refer to note on page 57),
Chrome Alloy Steel, chrome plated.



Code	mm	"	L mm	b mm	a mm	V mm	Δg	g	box
02190017	17	3/8	39.2	27.3	17.5	20.5	40	1	
02190019	19	3/8	40.6	29	18.5	21.3	40	1	
02190021	21	3/8	42.8	31.3	18.5	22.5	45	1	
02190022	22	3/8	45.3	33.5	19	23.6	57	1	
02190024	24	3/8	47.3	35.7	19.5	24.6	57	1	

QR The QuickRelease system

Ratchets, handles, extensions, universal joints with safety locks.

- Secure, rapid connection between the individual components to form a single combined unit.
- Can only be separated by releasing the locking mechanism.
- Variable combinations of components possible.



452 Flexible joint ratchet

reversible (60 teeth), handle may be raised or lowered by approx. 90°. Lockable in following positions: straight, 30° up, 60° up, 30° down. Unlocked by depressing button in handle, registered design.



Code	L mm	b mm	a mm	△ g	g	box
12260001	300	34	24	500	1	

424 Flexible handle

DIN 3122/ISO 3315.



Code	L mm	△ g	g	box
12060010	253.5	222	5	

425 Sliding T-handle

DIN 3122/ISO 3315.



Code	L mm	△ g	g	box
12070000	165	133	5	

425QR QuickRelease sliding T-handle



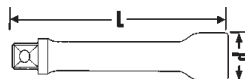
with QuickRelease safety locks.



Code	L mm	△ g	g	box
12071000	165	148	1	

427 Extensions

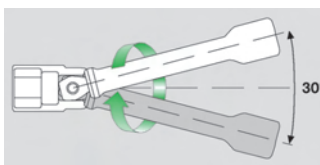
DIN 3123/ISO 3316.



Code	size	L mm	d mm	△ g	g	box
12010005	1.5	38	17	32	5	
12010001	3	76	17	67	5	
12010006	5	125	17	104	5	
12010002	6	160	17	127	5	
12010003	10	240	17	188	5	
12010004	18	455	17	345	5	

Extensions with wobble-drive

swivel angle 15° each side, max. torque 80 N m.



Code	No	L mm	d mm	△ g	g	box
12010007	427/3W	76	17	67	5	
12010008	427/5W	125	17	104	5	
12010009	427/6W	160	17	127	5	

QuickRelease extensions



DIN 3123/ISO 3316.



Code	No	L mm	d mm	△ g	g	box
12011001	427/3QR	76	17	66	1	
12011002	427/6QR	160	17	127	1	
12011003	427/10QR	240	17	185	1	

1225 Special extension



Code	L mm	d mm	△ g	
12 25 0001	150	17	128	5

428 Universal joint

DIN 3123/ISO 3316.

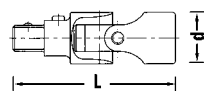


Code	L mm	d mm	△ g	
12 02 0000	46	18.8	55	5

428QR QuickRelease universal joint



DIN 3123/ISO 3316, with QuickRelease safety locks.



Code	L mm	d mm	△ g	
12 02 1000	60	19	66	1

431 Adaptor



3/8" socket-x-1/4" plug
(10-x-6.3),
maximum torque 62 N m,
DIN 3123/ISO 3316,
HPQ high performance steel



Code	L mm	d mm	△ g	
12 03 0001	28	17.2	26	5

432 Adaptor



3/8" socket-x-1/2" plug
(10-x-12.5),
DIN 3123/ISO 3316,
HPQ high performance steel



Code	L mm	d mm	△ g	
12 03 0003	31	17.2	36	5

409M/432M/514M/3 Set adaptors, 3 pieces

1/4" socket-x-3/8" plug,
3/8" socket-x-1/2" plug,
1/2" socket-x-3/4" plug.



Code	△ g	
96 12 1002	120	1

443 Bit holder

○ 5/16" inside hexagon,
DIN 3126 form D 8/
ISO 1173 form D 8.
Internal hex drive with a collar-
thrust spring (registered design).
Bits are easy to insert, lock
securely in position and can be
removed just as easily; even hex
bits with a wide groove (Type E,
DIN 3126/ISO 1173).



Code	L mm	d mm	△ g	
12 18 0030	32	16.5	39	5

456/14/5i Socket set 3/8"

In sturdy sheet steel case,
19 pieces

Content:

- 14 sockets with hexagon
No-456: sizes 8; 9; 10; 11; 12; 13;
14; 15; 16; 17; 18; 19; 21; 22-mm
- 1 ratchet No-435
- 2 extensions
No-427/3 (76-mm),
No-427/10 (240-mm)
- 1 T-handle No-425
- 1 universal joint No-428



Code	△ g
96 02 11 32	1866

QR The QuickRelease system

Ratchets, handles, extensions, universal joints with safety locks.

- Secure, rapid connection between the individual components to form a single combined unit.
- Can only be separated by releasing the locking mechanism.
- Variable combinations of components possible.



456/14/5 Socket set 3/8" ☐

In sturdy sheet steel case, 19 pieces

Content:

12 sockets with hexagon
No-456: sizes 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19-mm
2 sockets with bi-hexagon, long, with rubber insert,
No-4600: size 16-mm - 5/8,"
No-46: size 20.8-mm - 13/16"
1 ratchet No-435
2 extensions
No-427/3 (76-mm),
No-427/10 (240-mm)
1 T-handle No-425
1 universal joint No-428



Code	g
96 02 11 02	1988

45/14/5iQR Socket set 3/8" ☐



In a sturdy ABS plastic case,

19 pieces

Content:

14 sockets with bi-hexagon
No-45: sizes 8; 9; 10; 11; 12; 13; 14;
15; 16; 17; 18; 19; 21; 22-mm
1 ratchet No-435QR
2 extensions
No-427/3QR (76-mm),
No-427/10QR (240-mm)
1 T-handle No-425QR
1 universal joint No-428QR



Code	g
96 02 01 80	1650

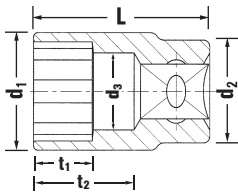


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50 Sockets



DIN 3124/ISO 2725-1, E DIN EN 3709, ASME B 107.5 M, HPQ high performance steel, chrome plated.

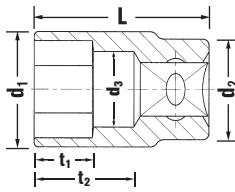


Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
03010010	10	14.5	22	9	38	9	22	57	10
03010011	11	15.8	22	10	38	9.5	22	52	10
03010012	12	17	22	11	38	13	22	58	10
03010013	13	18.3	22	12	38	13	22	60	10
03010014	14	19.9	22.7	13	38	13	20.5	60	10
03010015	15	21.2	22.7	14	38	13.5	20.2	62	10
03010016	16	22.4	23.7	15	38	13.5	19.6	63	10
03010017	17	24	23.7	15.2	38	15	19.6	66	10
03010018	18	24.7	23.7	17	38	15.5	19.1	71	10
03010019	19	26.2	25	18	38	16	21.7	78	10
03010020	20	27.2	25	19	42	17	25.5	89	10
03010021	21	28.7	26	20	42	18	25.2	104	10
03010022	22	29.7	26	21	42	18	24.9	113	10
03010024	24	32	26	21	42	18.5	24.9	117	5
03010027	27	36.2	26	24	45	19.5	27	150	5
03010030	30	39.7	28	27	45	20.5	26.1	171	5
03010032	32	42.2	28	29	47	22	27.6	189	5
03010034	34	45	28	31	47	22	27	209	5

52 Sockets



DIN 3124/ISO 2725-1, ASME B 107.5M, E DIN EN 3709 (test loads), HPQ high performance steel, chrome plated.



Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
03030010	10	14.5	22	9	38	9	22	60	10
03030011	11	15.8	22	10	38	9.5	22	58	10
03030012	12	17	22	11	38	13	22	52	10
03030013	13	18.3	22	12	38	13	22	51	10
03030014	14	19.9	22.7	13	38	13	20.5	62	10
03030015	15	21.2	22.7	14	38	13.5	20.2	63	10
03030016	16	22.4	23.7	15	38	13.5	19.6	65	10
03030017	17	24	23.7	15.2	38	15	19.6	62	10
03030018	18	24.7	23.7	17	38	15.5	19.1	73	10
03030019	19	26.2	25	18	38	16	21.7	79	10
03030020	20	27.2	25	19	42	17	25.5	95	10
03030021	21	28.7	26	20	42	18	25.2	110	10
03030022	22	29.7	26	21	42	18	24.9	115	10
03030024	24	32	26	21	42	18.5	24.9	125	5
03030027	27	36.2	26	24	45	19.5	27	161	5
03030030	30	39.7	28	27	45	20.5	26.1	186	5
03030032	32	42.2	28	29	47	22	27.6	200	5
03030034	34	45	28	31	47	22	27	235	5

STAHLWILLE's HPQ inserts

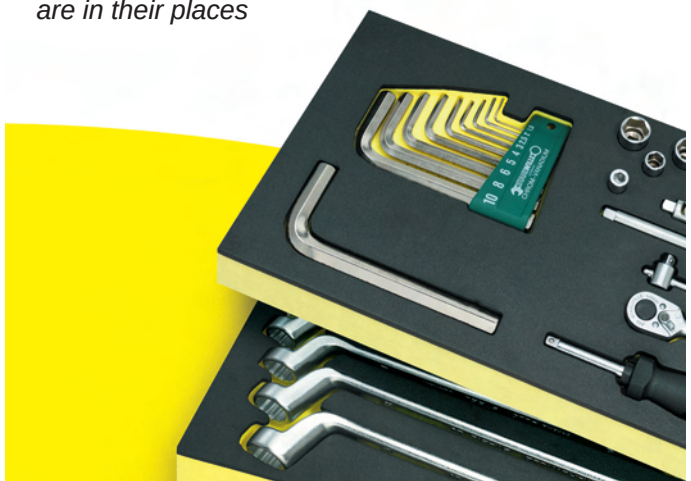
STAHLWILLE HPQ* sockets are manufactured from selected tough steel alloys. The result: they are extremely durable. HPQ sockets are free of cadmium and are therefore suitable for use on titanium alloy parts and titanium fasteners as used e.g. in the aerospace industry, where safety is a crucial factor.

*High Performance Quality



Tool Control System The safety inlay system

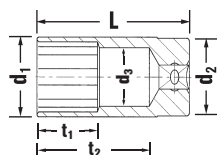
- Designed to fit our Tool Trolleys and Tool Boxes
- With yellow signal cut-outs to show whether all tools are in their places



51 Sockets



extra deep, DIN 3124/ISO 2725-1, E DIN EN 3710, E DIN EN 3709, ASME B 107.5M, HPQ high performance steel, chrome plated.

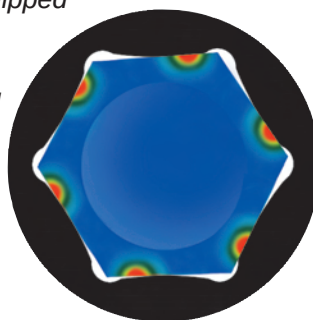


Code	mm/"	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
03020012	12	17	22	11	83	35	67	115	10
03020013	13	18.3	22	12	83	35	67	122	10
03020014	14	19.9	22.7	13	83	35	65.2	129	10
03020016	16	22.4	23.7	15	83	35	64.6	145	10
03020017	17	24	23.7	16	83	35	64.3	132	10
03020018	18	24.7	23.7	17	83	35	64.1	170	10
03020019	19	26.2	25	18	83	35	66.7	186	10
03020021	21	28.7	26.5	20	83	35	66.2	231	10
03020024	24	32	30	21	83	35	66.1	280	5

STAHLWILLE AS-Drive

STAHLWILLE sockets are equipped with the AS Drive* profile: this permits high transmission of forces to the lands of nuts and bolts without damaging them. No longer will you have to worry about stripping the corners off nuts and bolts.

*Anti-Slip Drive

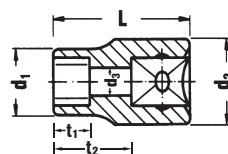


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50TX Sockets



for external TORX® screws, HPQ high performance steel, chrome plated.



Code	size	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
03270010	E10	9.4	13	22	5.6	38	9.5	22	53 10
03270011	E11	10.1	14	22	6	38	14	22	50 10
03270012	E12	11.1	14.9	22	7.2	38	9.5	22	55 10
03270014	E14	12.9	16.7	22	8	38	11	22	56 10
03270016	E16	14.7	19	22	9.3	38	12.5	22	60 10
03270018	E18	16.6	21	26.5	10.4	38	13.5	22	92 10
03270020	E20	18.4	23.5	26.5	12	38	15	22	98 10
03270024	E24	22.1	27.8	26	14.1	41.2	17.5	23.6	120 10

50TX/7 Set: Sockets



for external TORX® screws.

Content:

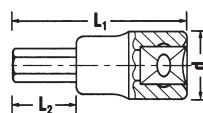
E10; E12; E14; E16; E18; E20; E24



Code	g	
96032703	623	1
in carton packing		

54 INHEX sockets

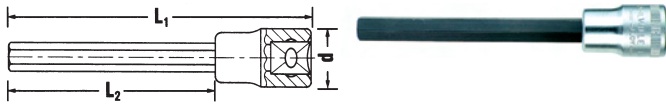
for hexagon socket head screws, DIN 7422, Chrome Alloy Steel, chrome plated.



Code	mm	L ₁ mm	L ₂ mm	d mm	g	
03050007	7	60	22	22.7	75	5
03050008	8	60	22	22.7	79	5
03050010	10	60	22	22.7	97	5
03050012	12	60	20	23.7	122	5
03050014	14	60	20	23.7	135	5
03050017	17	60	20	27.5	186	5

INHEX sockets

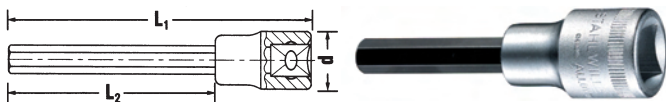
for hexagon socket head screws,
extra long, DIN 7422,
Chrome Alloy Steel, chrome plated.



Code	No	mm	L ₁ mm	L ₂ mm	d mm	ΔΔ g	
03151205	2054/5	5	120	82	22.7	78	5
03151206	2054/6	6	120	82	22.7	84	5
03151207	2054/7	7	120	82	22.7	96	5
03151208	1054/8K	8	120	82	22.7	104	5
03151410	1054/10	10	140	102	22.7	150	5
03151412	1054/12	12	140	100	23.7	197	5
03151414	2054/14	14	140	100	23.7	231	5

INHEX sockets

for hexagon socket head screws,
special lengths, DIN 7422,
Chrome Alloy Steel, chrome plated.



Code	No	mm	L ₁ mm	L ₂ mm	d mm	ΔΔ g	
03151805	1054/5	5	180	20	22	118	5
03150706	1054/6	6	70	32	22.7	72	5
03151006	3054/6	6	100	62	22.7	80	5
03152206	1054/6L	6	220	182	22.7	108	5
03151007	1054/7	7	100	62	22.7	87	5
03150808	3054/8	8	80	42	22.7	88	5
03171308	3054/8G 1)	8	105	67	22.7	100	5
03151308	3054/8L	8	130	92	22.7	109	5
03151408	1054/8	8	140	102	22.7	114	5
03150713	1054/13	13	70	25	24	130	5

1) cranked version

54KK INHEX sockets

with ball point hexagon,
for hexagon socket head screws,
swivel angle up to 25° each side,
Chrome Alloy Steel, chrome plated.



Code	mm	L ₁ mm	L ₂ mm	d mm	ΔΔ g	
03280005	5	100	62	22.7	75	5
03280006	6	100	62	22.7	80	5
03280007	7 1)	100	62	22.7	84	5
03280008	8	100	62	22.7	95	5
03280010	10	100	62	22.7	120	5

1) Application: BMW brakes

54X

Screwdriver sockets

for trisquare socket head screws (XZN®), DIN 2324,
Chrome Alloy Steel, chrome plated.

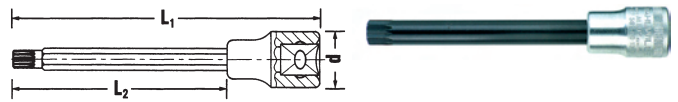


Code	size	L ₁ mm	L ₂ mm	d mm	ΔΔ g	
03060005	M5	60	22	22.7	67	5
03060006	M6	60	22	22.7	74	5
03060008	M8	60	22	22.7	79	5
03060010	M10	60	22	22.7	94	5
03060012	M12	60	20	23.7	120	5
03060014	M14	60	20	23.7	128	5
03060016	M16	60	20	27.5	174	5

3054X

Screwdriver sockets

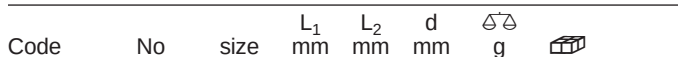
for trisquare socket head screws (XZN®), DIN 2324, extra long,
Chrome Alloy Steel, chrome plated.



Code	size	L ₁ mm	L ₂ mm	d mm	ΔΔ g	
03261408	M8	140	102	22.7	109	5
03261410	M10	140	102	22.7	142	5
03261412	M12	140	102	22.7	160	5
03261414	M14	140	100	23.7	225	1

Screwdriver sockets

for trisquare socket head screws
(XZN®), special lengths, DIN 2324,
Chrome Alloy Steel, chrome plated.



Code	No	size	L ₁ mm	L ₂ mm	d mm	ΔΔ g	
03160808	1054x	M8	80	42	22.7	86	5
03161208	2054x	M8	120	82	22.7	104	5
03161110	2054x	M10	110	72	22.7	130	5
03161112	2054x	M12	110	70	23.7	168	5

54TX

Screwdriver sockets

for inside TORX® screws,
Chrome Alloy Steel, chrome plated.



Code	size	mm	L ₁ mm	L ₂ mm	d mm	ΔΔ g	
03100020	T20	3.8	55	17	22.7	71	5
03100025	T25	4.4	55	17	22.7	71	5
03100027	T27	5	55	17	22.7	72	5
03100030	T30	5.5	55	17	22.7	72	5
03100040	T40	6.6	55	17	22.7	72	5
03100045	T45	7.8	55	17	22.7	74	5
03100050	T50	8.8	55	17	22.7	86	5
03100055	T55	11.2	58	18	23.7	112	5
03100060	T60	13.2	58	18	23.7	113	5

54TX/9 Set: Screwdriver sockets

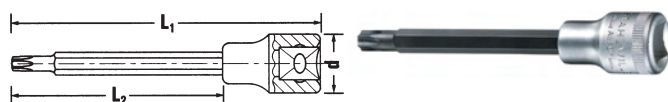
for inside TORX® screws, 9 pieces,
Content: sizes T20; T25; T27; T30; T40; T45; T50; T55; T60



Code	g	
96031004	820	1
packed in carton		

Screwdriver sockets

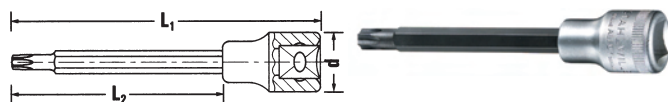
for inside TORX® screws,
extra long,
Chrome Alloy Steel, chrome plated.



Code	No	size	mm	L ₁ mm	L ₂ mm	d mm	g	
03131230	1054TX	T30	5.5	120	82	22.7	99	5
03131440	2054TX	T40	6.6	140	102	22.7	110	5
03131445	2054TX	T45	7.8	140	102	22.7	111	5
03131450	1054TX	T50	8.8	140	102	22.7	143	5
03131455	1054TX	T55	11.2	140	102	22.7	159	5
03131460	1054TX	T60	13.2	140	100	23.7	221	5

1054TX Set: Screwdriver sockets

for inside TORX® screws,
extra long,
Chrome Alloy Steel, chrome plated.



Code	size	mm	L ₁ mm	L ₂ mm	d mm	g	
03131240	T40	6.6	120	82	22.7	100	5
03131245	T45	7.8	120	82	22.7	100	5

1054TX/4Pc Set: Screwdriver sockets

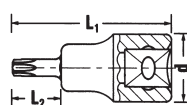
for inside TORX® screws,
in plastic wallet, 4 pieces,
Content:
T40; T45; T50; T55



Code	g	
96031301	527	1

54TXB Set: Screwdriver sockets

for inside TORX® screws,
tamper proof, with hollow point,
Chrome Alloy Steel, chrome plated
(TORX® TAMPER RESISTANT).



Code	size	mm	L ₁ mm	L ₂ mm	d mm	g	
03110020	T20	3.8	55	17	22.7	70	5
03110025	T25	4.4	55	17	22.7	70	5
03110027	T27	5	55	17	22.7	71	5
03110030	T30	5.5	55	17	22.7	71	5
03110040	T40	6.6	55	17	22.7	71	5
03110045	T45	7.8	55	17	22.7	73	5
03110050	T50	8.8	55	17	22.7	86	5
03110055	T55	11.2	58	18	23.7	111	5
03110060	T60	13.2	58	18	23.7	113	5

54TXB/9 Set: Screwdriver sockets

for inside TORX® screws,
tamper proof, with hollow point
(TORX® TAMPER RESISTANT).
9 pieces
Content:
T20; T25; T27; T30; T40; T45; T50; T55; T60



Code	g	
96031007	811	1
in carton packing with transparent cover		

512 Ratchet

reversible (36 teeth),
DIN 3122/ISO 3315.



Code	L mm	b mm	a mm	△△ g	
13 11 00 10	265.5	41	21	580	1

512QR QuickRelease ratchet



reversible (36 teeth),
with QuickRelease safety
locks and 2-component
handles, DIN 3122/ISO 3315.

Code	L mm	b mm	a mm	△△ g	
13 11 00 20	265.5	41	21	599	1

QR The QuickRelease system

Ratchets, handles, extensions,
universal joints with
safety locks.

- Secure, rapid connection
between the individual
components to form a
single combined unit.
- Can only be separated
by releasing the locking
mechanism.
- Variable combinations of
components possible.



504 Flexible handle

DIN 3122/ISO 3315.



Code	size	L mm	△△ g	
13 06 00 12	15	397	700	5

506 Sliding T-handle

DIN 3122/ISO 3315.



Code	L mm	△△ g	
13 07 00 00	300	436	5

506QR QuickRelease sliding T-handle

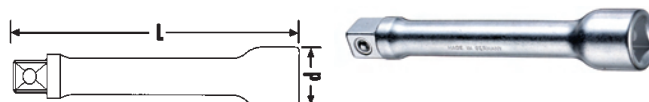


with QuickRelease safety locks.

Code	L mm	△△ g	
13 07 10 00	300	470	1

509 Extensions

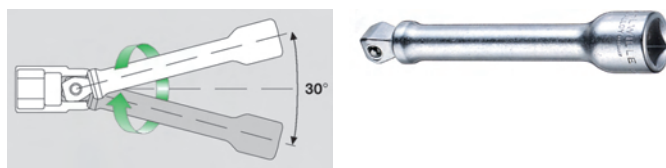
DIN 3123/ISO 3316.



Code	size	L mm	d mm	△△ g	
13 01 00 01	2	52	23	88	5
13 01 00 04	3	75	23.2	120	5
13 01 00 02	5	130	23.2	191	5
13 01 00 03	10	255	23.2	341	5

Extensions with wobble-drive

swivel angle 15°
each side,
maximum torque 200 N m.



Code	No	L mm	d mm	△△ g	
13 01 00 05	509/2W	52	23	88	5
13 01 00 06	509/3W	75	23.2	120	5
13 01 00 07	509/5W	130	23.2	191	5
13 01 00 08	509/10W	255	23.2	341	5

QuickRelease extensions



DIN 3123/ISO 3316.



Code	No	L mm	d mm	Δ g	
13011001	509/2QR	52	23	90	1
13011004	509/3QR	75	23	123	1
13011002	509/5QR	130	23	187	1
13011003	509/10QR	255	23	341	1

3505 Special extension

for CROW-FOOT spanner
No-3540



Code	L mm	d mm	Δ g	
13210001	120	23.2	186	1

510 Universal joint

DIN 3123/ISO 3316.

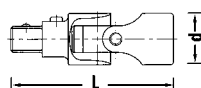


Code	L mm	d mm	Δ g	
13020000	71	25	146	5

510QR QuickRelease universal joint



DIN 3123/ISO 3316, with QuickRelease safety locks.



Code	L mm	d mm	Δ g	
13021000	80	25	157	1

513 Adaptor



1/2" socket-x-3/8" plug
(12.5-x-10),
maximum torque 202 N m,
DIN 3123/ISO 3316,
HPQ high performance steel.



Code	L mm	d mm	Δ g	
13030002	35	22.7	55	5

514 Adaptor



1/2" socket-x-3/4" plug
(12.5-x-20),
DIN 3123/ISO 3316,
HPQ high performance steel.



Code	L mm	d mm	Δ g	
13030005	44	25	118	5

QR The QuickRelease system

*Ratchets, handles, extensions,
universal joints with
safety locks.*

- Secure, rapid connection between the individual components to form a single combined unit.
- Can only be separated by releasing the locking mechanism.
- Variable combinations of components possible.



52/17/6

Socket set 1/2"

In sturdy sheet steel case,
23 pieces
Content:
17 sockets with hexagon
No-52: sizes 10; 11; 12; 13; 14; 15;
16; 17; 18; 19; 21; 22; 24; 27; 30;
32; 34-mm
1 ratchet No-512
3 extensions
No-509/3 (75-mm),
No-509/5 (130-mm),
No-509/10 (255-mm)
1 T-handle No-506
1 universal joint No-510



Code	△△ g
96 03 03 47	5300

52/17/6QR

Socket set 1/2"



in sturdy ABS plastic case,
23 pieces
17 sockets with hexagon
No-52: sizes 10; 11; 12; 13; 14; 15;
16; 17; 18; 19; 21; 22; 24; 27; 30;
32; 34-mm
1 ratchet No-512QR
3 extensions
No-509/3QR (75-mm),
No-509/5QR (130-mm),
No-509/10QR (255-mm)
1 T-handle No-506QR
1 universal joint No-510QR



Code	△△ g
96 03 03 80	4600

52/23/6

Socket set 1/2"

In sturdy sheet steel case,
29 pieces
Content:
23 sockets with hexagon
No-52 sizes 8; 9; 10; 11; 12; 13;
14;
15; 16; 17; 18; 19; 20; 21; 22; 23;
24; 26; 27; 28; 30; 32; 34-mm
1 ratchet No-512
3 extensions
No-509/3 (75-mm),
No-509/5 (130-mm),
No-509/10 (255-mm)
1 T-handle No-506



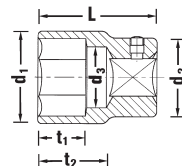
Code	△△ g
96 03 03 07	5899

55

Sockets



3/4" □-drive, DIN 3124/ISO 2725-1, ASME B 107.5 M,
AS drive and HPQ high performance steel,
chrome plated.



Code	□-drive mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	△△ g	📦
05010036	36	49.5	40	33	60	24	33.9	386	2

2309K

Wheel nut socket

1/2" □-drive, with plastic sleeve.
Sleeve extension protects not only
wheel bolts and nuts but also the
wheel and holes.



Code	□-drive mm	□ "	L mm	∅ mm	△△ g	📦
23091017	17	1/2	87	32	242	1
23091019	19	1/2	87	32	250	1

3115/1

Adaptor

for manually operated sockets with
recessed 6.3 (1/4") square drive
DIN 3120/ISO 1174-1 Type C
and D, square drive with ball
bearing,
Chrome Alloy Steel.



Code	outside ■ mm	outside ● "	L mm	△△ g	📦
31150002	6.3	1/4	C 6.3	10	5

outside ■ DIN 3120/ISO 1174-1
outside ● DIN 3126/ISO 1173

BITS

DIN 7426/ISO 3109,
for socket head screws, extra

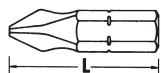


Code	No	□-drive mm	outside ● mm	outside " "	L mm	△△ g	📦
08090003	1300	3	C 6.3	1/4	25	4	10
08090004	1301	4	C 6.3	1/4	25	5	10
08090005	1302	5	C 6.3	1/4	25	5	10
08090006	1303	6	C 6.3	1/4	25	6	10
08090008	1304	8	C 6.3	1/4	30	11	10

outside ● DIN 3126/ISO 1173

⊕ BITS

DIN 3128, for Phillips screws.



Code	No	Phillips-Recess®	outside ●	"	L mm	ΔΔ g	
08010000	1220	0	C 6.3	1/4	25	5	10
08010001	1221	1	C 6.3	1/4	25	5	10
08010002	1222	2	C 6.3	1/4	25	5	10
08010003	1223	3	C 6.3	1/4	25	5	10

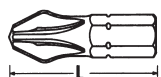
outside ● DIN 3126/ISO 1173

Phillips-Recess® DIN 5260

extra hard for self tapping and other hardened screws.

⊕ BITS

for POZIDRIV/SUPADRIV® screws, extra hard.

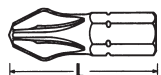


Code	No	POZIDRIV/ SUPADRIV®	outside ●	"	L mm	ΔΔ g	
08050001	PZ1221	1	C 6.3	1/4	25	5	10
08050002	PZ1222	2	C 6.3	1/4	25	5	10
08050003	PZ1223	3	C 6.3	1/4	25	6	10

outside ● DIN 3126/ISO 1173

⊕⊕ TwinBITS

with special profiles for recessed-head screws (PH) and POZIDRIV/SUPADRIV® screws (PZ), high resistance to wear due to coating with hard material.

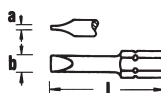


Code	No	size	outside ●	"	L mm	ΔΔ g	
08011001	PH/PZ1221	1	C 6.3	1/4	25	5	10
08011002	PH/PZ1222	2	C 6.3	1/4	25	5	10
08011003	PH/PZ1223	3	C 6.3	1/4	25	5	10

outside ● DIN 3126/ISO 1173

⊖ BITS screwdrivers

DIN 3127/ISO 2351, for slotted screws.



Code	No	a-x-b mm	outside ●	"	L mm	ΔΔ g	
08070022	1162	0.6-x- 3.5	C 6.3	1/4	39	6	10
08070025	1165	0.8-x- 5.5	C 6.3	1/4	39	7	10
08070026	1166	1.0-x- 5.5	C 6.3	1/4	39	8	10
08070030	1166/1	1.2-x- 6.5	C 6.3	1/4	39	9	10
08070027	1167	1.2-x- 8.0	C 6.3	1/4	39	12	10
08070028	1168	1.6-x- 8.0	C 6.3	1/4	39	12	10

outside ● DIN 3126/ISO 1173

⊗ BITS

for inside TORX® screws



Code	No	size	mm	outside ●	"	L mm	ΔΔ g	
08130006	1410	T 6	1.6	C 6.3	1/4	26	5	10
08130007	1411	T 7	2.0	C 6.3	1/4	26	5	10
08130008	1412	T 8	2.3	C 6.3	1/4	26	5	10
08130009	1413	T 9	2.5	C 6.3	1/4	26	5	10
08130010	1414	T 10	2.7	C 6.3	1/4	26	5	10
08130015	1415	T 15	3.3	C 6.3	1/4	26	5	10
08130020	1416	T 20	3.8	C 6.3	1/4	26	5	10
08130025	1417	T 25	4.4	C 6.3	1/4	26	6	10
08130027	1418	T 27	5.0	C 6.3	1/4	26	6	10
08130030	1419	T 30	5.5	C 6.3	1/4	26	6	10
08130040	1420	T 40	6.6	C 6.3	1/4	26	7	10

outside ● DIN 3126/ISO 1173

⊗ BITS

with hollow point for inside TORX® screws
(TORX® TAMPER RESISTANT).



Code	No	size	mm	outside ●	"	L mm	ΔΔ g	
08160010	1440	T 10	2.7	C 6.3	1/4	26	6	10
08160015	1441	T 15	3.3	C 6.3	1/4	26	6	10
08160020	1442	T 20	3.8	C 6.3	1/4	26	6	10
08160025	1443	T 25	4.4	C 6.3	1/4	26	6	10
08160027	1444	T 27	5.0	C 6.3	1/4	26	6	10
08160030	1445	T 30	5.5	C 6.3	1/4	26	6	10
08160040	1446	T 40	6.6	C 6.3	1/4	26	6	10

outside ● DIN 3126/ISO 1173

1427

⊗ BITS

for inside TORX® screws.



Code	size	outside ●	"	L mm	ΔΔ g	
08131025	T 25	C 6.3	1/4	65	18	1

For BMW series 3 and 5

outside ● DIN 3126/ISO 1173

412-1

Bit holder

○ 1/4" inside hexagon,
DIN 3126 form D 6.3/
ISO 1173 form D 6.3.
Outer ● 10-mm for use in tools
with 10-mm internal hex drive
or internal double hexagon (e.g.
"FLEXI" double-ended flexi-joint
spanners, T-handle universal joint
spanners, box spanners, ratchet
ring spanners etc.)
Internal hex drive with a collar-
thrust spring (registered design).
Bits are easy to insert, lock
securely in position and can be
removed just as easily; even hex
bits with a wide groove
(Type E, DIN 3126/ISO 1173).



Code	outside ●	L mm	φ mm	ΔΔ g	
11180020	10-mm	20	11.6	11	5



STATEMENT OF POLICY

Orders may be placed by Phone, Fax, E-mail or mail.
Every effort is made to process each order at the time it is received.
Backordered items are retained on backorder until shipment is possible.

Please specify if backorders are NOT to be carried forward.

Shipping: All shipments are F.O.B. our warehouse Sarasota Florida USA, via U.P.S. Ground, 3 Day Select, 2 Day Air, Next Day Air, Express International or Expedited International where available. Guaranteed AM delivery and Saturday delivery is also available upon request.

Payment: We accept Visa, MasterCard, American Express, Discover and COD orders. All orders are shipped COD unless other form of payment is made.

Prices: Prices are subject to change without notice. Please confirm pricing at the time the order is placed. If ordering by E-mail, Mail or Fax please include a phone number so we may confirm availability and pricing.

Returns: All errors in shipping must be reported within 48 hours of receipt. All returns are subject to a 20% restocking charge, when no error on our part exists. No return may be made without an authorization number. All returns must contain a copy of the original invoice. Refunds are made on the first of the following month.

Warranty: New, currently manufactured and cataloged tools carry a warranty against defects in materials and workmanship for a period of 12 months from the date of delivery. This warranty does not apply to any tool or part of tool which has been altered in any way without the express permission of Baum Tools, the use of power tools in conjunction with any Baum Tool not specifically specified for use with power tools and tools used for jobs other than that specified.

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Service MANOSKOP® 730

Torque wrench offering quick adjustment, with cut-out, dual signal, long term accuracy and facility to accept insert tools.

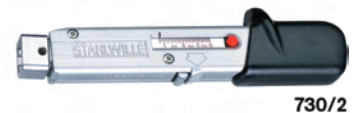
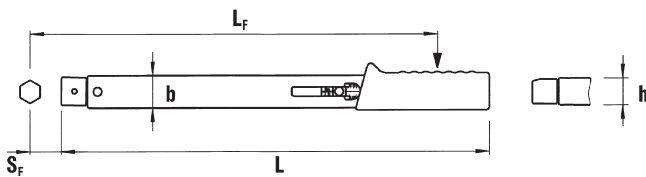
The robust steel tube completely encloses all working parts. Even when misused (slackening sized bolts for example), the measuring element remains stress free. Reversible insert tools allow anticlockwise operation.

Recalibration, without dismantling, with the aid of checking gauges No-798, No-799 or No-7707 W.

Guaranteed accuracy $\pm 4\%$. With certificate.

Insert tools see pages 54, 55.

730 Basic wrench with tool carrier for insert tools



Code	size	N m	N m	mm	b mm	h mm	S mm	L mm	L _F mm	g
50180002	2	4 – 20	0.5	9-x-12	27.5	23	17.5	178.5	174	315

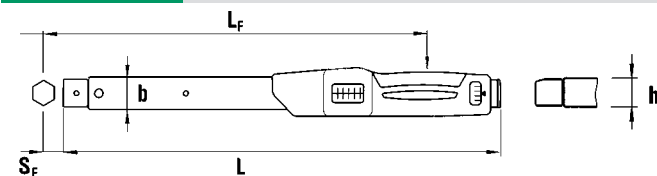
Service MANOSKOP® 730N

Clicking torque wrench with mount for interchangeable socket tools, rapid, accurate setting using QuickSelect quick-action adjuster, with QuickRelease safety lock, double stop signals, very clear twin scales with colour coded N m/ft.lb and ft.lb/inch.lb. markings and long-term repeated accuracy.

The measuring element is only under load while force is being applied, no need for manual reset to zero. All the sensitive components are protected by the sturdy housing. The 2-component handle with its ergonomically designed green softer layers is resistant to oils, grease, fuels, brake fluids and Skydrol. If the wrench is misused – e.g. to force seized-up screws – the measuring mechanism is deactivated. The swap-over inserts can also be used to apply torque in an anticlockwise direction. Easily adjustable without disassembly, e.g. using testers No-798, No-799 or No-7707 W. Guaranteed maximum accuracy deviation $\pm 3\%$. With certificate.

(Inserts see pages 54, 55)

730N Basic wrenches with tool carrier for insert tools



Code	size	N m	ft.lb	N m	ft.lb	Fine scale	mm	b mm	h mm	S mm	L mm	L _F mm	g
50181005	510 – 50	7 – 37		5	1	0.25 N m	9-x-12	28	23	17.5	330	280.5	1054
50181010	1020 – 100	15 – 75		10	2.5	0.5 N m	9-x-12	28	23	17.5	386	336	1210
50181012	1225 – 130	20 – 95		10	2.5	0.5 N m	14-x-18	28	23	25	421	379	1356
50181020	2040 – 200	30 – 150		10	5	1 N m	14-x-18	28	23	25	467	424.5	1489
50181040	4080 – 400	60 – 300		20	10	2 N m	14-x-18	28	23	25	607	564.5	1888
50181065	65*130 – 650100 – 480			50	20	2.5 N m	14-x-18	30.6	25.6	25	890	848	3300

Code	size	ft.lb	in.lb	ft.lb	in.lb	Fine scale mm	mm	b mm	h mm	S mm	L mm	L _F mm	g
50581005	a/5*7 – 37	90 – 450		1	50	2.5 in.lb	9-x-12	28	23	17.5	330	280.5	825
50581010	a/10*15 – 75	180 – 900		2.5	100	5 in.lb	9-x-12	28	23	17.5	386	336	980
50581020	a/20*30 – 150350 – 1800			5	100	10 in.lb	14-x-18	28	23	25	467	424.5	1260
50581040	a/40*60 – 300800 – 3600			20	100	2 ft.lb	14-x-18	28	23	25	607	564.5	1660

* available from spring 2005

Electronic angle-controlled torque wrench Sensotork 713

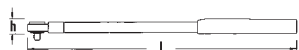
Simple, flexible operation thanks to operator guidance on large-format display.

Very broad measuring range (5 % to 100 % of rated value) with display deviation value of ± 1 % of the current reading. Display deviation value of angle is $\pm 1^\circ$.

Repeated joint can be collated to form a single menu-guided sequence.

713R Electronic angle-controlled torque wrenches Sensotork

Electronic angle-controlled torque wrench with insert tool pawl-action ratchet, with QuickRelease safety lock, for clockwise and anticlockwise use, readings independent of point of application of force, choice of many units of measurement, advance warning points for visual, tactile and acoustic signals, torque and angle are simultaneously visible, convenient angle measurement across a very wide angle range without a reference arm, choice of individual insert lengths, maintenance friendly due to easy adjustment and automatic reminder of next calibration date, individual identification possible, tamper-proof due to password protection, meets requirements of DKD-R 3-7, Class 2 and DIN EN ISO 6789, with works certificate in accordance with DIN EN 10204, supplied in sturdy plastic case.



Code	size	N m	ft. lb	"	mm	b mm	h mm	L mm	Δ g	Δ g with box
96501606	6 3 – 60		2.5-44	$\frac{3}{8}$	9-x-12	50	33.5	378	856	1800
96501620	20 10 – 200		7-148	$\frac{1}{2}$	14-x-18	50	33.5	608	1552	2430



725/4 Ratchet insert tool

reversible.



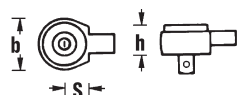
Code	"	mm	b mm	h mm	S mm	△△ g
58254004	1/4	9-x-12	22	14.5	17.5	62

Maximum continuous loads of ratchet insert tools are limited to: 725/4 - 40 N m.

Limits must not be exceeded when these insert tools are used with torque wrenches of larger capacity.

735 Ratchet insert tools

reversible.

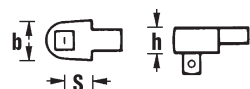


Code	size	"	mm	b mm	h mm	S mm	△△ g
58250005	5	3/8	9-x-12	33	24	17.5	136
58250010	10	1/2	9-x-12	33	28.3	17.5	147
58250020	20	1/2	14-x-18	43	26.2	25	302
58250040	40	3/4	14-x-18	50	30.7	25	467

Maximum continuous loads of ratchet insert tools are limited to: 735/5 and 735/10 - 100 N m, 735/20 - 300 N m, 735/40 - 650 N m.

Limits must not be exceeded when these insert tools are used with torque wrenches of larger capacity.

734 Square drive insert tools



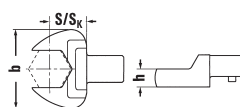
Code	size	"	mm	b mm	h mm	S mm	△△ g
58240004	4	1/4	9-x-12	20	14	17.5	71
58240005	5	3/8	9-x-12	20	14	17.5	76
58240010	10	1/2	9-x-12	20	14	17.5	82
58240020	20	1/2	14-x-18	27	18	25	203
58240040	40	3/4	14-x-18	40	25	25	396

Caution: Maximum continuous loads of square drive insert tools are limited to: 734/4 - 40 N m, 734/5 - 80 N m, 734/10 - 100 N m, 734/20 - 300 N m, 734/40 - 650 N m.

Limits must not be exceeded when these insert tools are used with torque wrenches of larger capacity.

731 Open ended insert tools

9-x-12-mm



Code	size	mm	b mm	h mm	S mm	S _K mm	△△ g
58211007	10	7	22	5	17.5	-	40
58211008		8	22	5	17.5	-	39
58211009		9	26	5.5	17.5	-	38
58211010		10	26	5.5	17.5	-	42
58211011		11	26	5.5	17.5	-	41
58211012		12	30	7	17.5	-	43
58211013		13	30	7	17.5	-	48
58211014		14	35	8	17.5	-	52
58211015		15	35	8	17.5	-	51
58211016		16	38	8.5	17.5	-	58
58211017		17	38	8.5	17.5	-	60
58211018		18	42	9	-	20*	71
58211019		19	42	9	-	20*	74

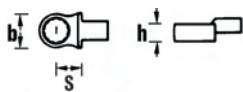
14-x-18-mm

Code	size	mm	b mm	h mm	S mm	S _K mm	△△ g
58214013	40	13	30	7	25	-	128
58214016		16	38	9	25	-	140
58214017		17	38	9	25	-	136
58214018		18	42	10	25	-	147
58214019		19	42	10	25	-	147
58214021		21	50	11	25	-	171
58214022		22	50	11	25	-	165
58214024		24	53	12	25	-	167
58214027		27	60	13	-	30*	219
58214030		30	66	14	-	30*	245
58214032		32	66	14	-	32.5*	246
58214034		34	66	14	-	32.5*	239

*Caution! Modified settings on torque wrench (refer to note on page 57)

732 Ring insert tools

9-x-12-mm



Code	size	mm	b mm	h mm	S mm	Δg
58221007	10	7	13	8	17.5	37
58221008		8	14.2	8	17.5	40
58221010		10	17.2	9	17.5	44
58221011		11	18.5	9	17.5	41
58221012		12	20.5	11	17.5	49
58221013		13	21.5	11	17.5	56
58221014		14	22.5	11	17.5	52
58221015		15	24.5	12	17.5	52
58221016		16	26	12	17.5	54
58221017		17	27	13	17.5	59
58221018		18	28	13	17.5	56
58221019		19	30.5	13	17.5	65
58221021		21	33	15	17.5	71
58221022		22	34.5	15	17.5	74

14-x-18-mm

Code	size	mm	b mm	h mm	S mm	Δg
58224013	40	13	22.5	11	25	127
58224016		16	25.5	12	25	133
58224017		17	27	12	25	135
58224018		18	29	13	25	134
58224019		19	30.5	13	25	138
58224021		21	33	15	25	144
58224022		22	34.5	15	25	145
58224024		24	37.5	15	25	153
58224027		27	42.5	17	25	162
58224030		30	46	19	25	182
58224032		32	47.5	19	25	181

732TX/8-tlg. Set of TORX® insert tools

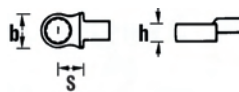
in sturdy ABS plastic case,
8 pieces
Content:
8 TORX®-insert tools,
9-x-12-mm,
No-732TX/10:
sizes E6; E8; E10; E12;
14-x-18-mm,
No 732TX/40:
sizes E14; E18; E20; E24



Code	Δg
96582901	1001

732TX TORX® insert tools

9-x-12-mm



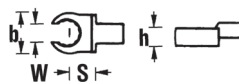
Code	size	size	b mm	h mm	S mm	Δg
58291006	10	E6	13	8	17.5	40
58291008		E8	14.2	8	17.5	45
58291010		E10	17.2	9	17.5	45
58291012		E12	18.5	9	17.5	50
58291014		E14	21.5	11	17.5	60

14-x-18-mm

Code	size	size	b mm	h mm	S mm	Δg
58294014	40	E14	22.5	11	25	130
58294018		E18	24	11	25	135
58294020		E20	29	13	25	150
58294024		E24	30.5	13	25	150

733 Open ring insert tools

9-x-12-mm



Code	size	mm	b mm	h mm	W mm	S mm	S _K mm	Δg
58231010	10	10	21.5	11	7.1	17.5	-	57
58231011		11	22.5	11	8.6	17.5	-	55
58231012		12	24.5	12	9	17.5	-	59
58231013		13	26	12	10	17.5	-	55

725/732/733/28 Set of insert tools for torque wrenches

in sturdy ABS plastic case,
28 pieces
Content:
3 QuickRelease ratchet insert tools
No-725QR: sizes 4; 5; 20
1 Ratchet insert tool with inside
hexagon 1/4" No-725/4B
2 Square drive insert tools
No-734: sizes 5; 20
1 Open ended insert tool
No-731/40 size 24-mm
8 Ring insert tools
No-732/10: sizes 8; 10; 11; 12; 13; 14; 15; 16-mm
8 Ring insert tools
No-732/40: sizes 13; 16; 17; 18; 19; 21; 22; 24-mm
4 Open ring insert tools No-733/10: sizes 10; 14; 19; 22-mm
1 Adaptor No 7370/10 for using insert tools
with an outer square drive of 14-x-18-mm on torque wrenches
with an internal square drive of 9-x-12-mm.



Code	Δg
96583001	3489

Electronic torque tester for torque wrenches Sensotork 7707 W

Compact workshop-based torque tester for easy adaptation by replacement of the transducers.

High degree of accuracy (from 20-100 % of the rated value ± 0.25 % display deviation from actual measured value, up to 20 % of rated value ± 1 %) thanks to flat transducer and conversion and digitalisation of readings within the transducer.

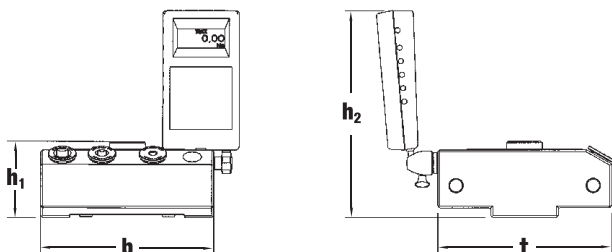
High degree of safety through display showing actual torque read-off where clicking torque wrenches are used.

7707 W Workshop torque tester Sensotork

Electronic workshop torque tester for torque wrenches, consisting of:

- transducer (registered design)
- holder
- display unit (registered design)
- tripod for display unit (with 1.5 m cable)
- spiral cable
- mains adaptor (220 V) or direct connection to 12 V in-car supply is possible
- square drive adaptor (No-7707-2W, No-7707-3W)
- kit for attaching the unit to a workbench or wall in a horizontal or vertical testing position

for clockwise and anticlockwise use. The easily interchangeable transducers are attached to the holder by means of a QuickRelease safety lock. Low lateral forces thanks to low-profile transducers, automatic detection of the transducer, flexible and user friendly because the unit can be used horizontally or vertically and the display unit can be placed in many positions, additional tripod with 1.5 m cable for mounting the display unit to facilitate visual monitoring when using longer torque wrenches, especially broad measuring range from 2% to 100% of rated value ($< 1\%$ at 1100 N m). Readings can be transferred to PC via the USB cable (no separate power supply needed, power comes from PC). While individual transducers are being recalibrated, the torque tester itself remains on-site for further use. Wide range of application (-20°C to $+60^{\circ}\text{C}$). Meets DIN 51309, Class 2. With works certificate in accordance with DIN EN 10204. Supplied in sturdy plastic case.

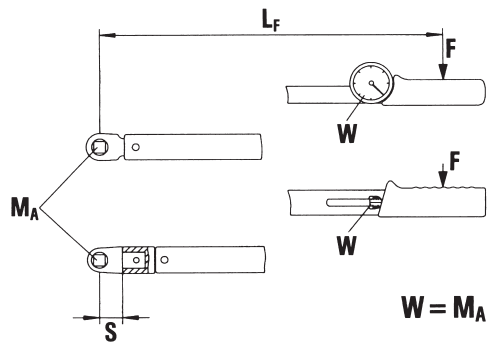


Code	No	Capacity N m	□ "	b mm	h ₁ mm	h ₂ mm	t mm	ΔΔ g	ΔΔ g with box
96521073	7707-3W ¹⁾	10 – 1100	3/4	180	79	215	180	7495	10610

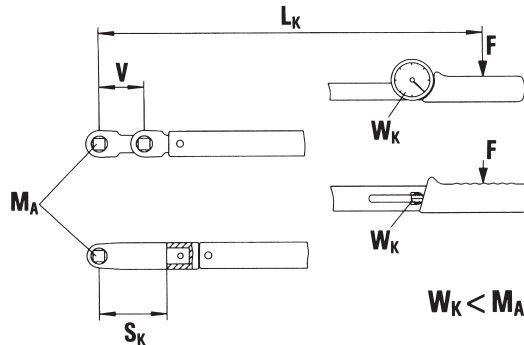
¹⁾ with square drive adaptors No-7787 (1/4" □-x-3/4" ■), No-7788 (3/8" □-x-3/4" ■), No-7789 (1/2" □-x-3/4" ■)

Caution!

When tightening with specialsocket tools (gauge > standard gauge) or with specialtools attached, the setting and/or read-off values for the torque wrench being used will need recalculating.



Torque wrench, normal equipment



Torque wrench with special tools

M_A = desired tightening torque

F = force applied

$\curvearrowright$ = introduced force (calibration point)

L_F = effective length

(refer to tables of measurements for torque wrenches)

S = standard gauge for normal STAHLWILLE sockets (refer to table)

W = display or setting value ($W = M_A$)

V = specialtool extension

S_K = specialinsert tool distance (where $V = S_K - S$)

L_K = adjusted effective length ($L_K = L_F + V$)

W_K = adjusted display or setting value

$$W_K = \frac{M_A \cdot L_F}{L_K} \left[\frac{\text{Nm} \cdot \text{mm}}{\text{mm}} \right] (W_K < M_A)$$

Where the specialtool is angled to the side, W_K will have to be determined empirically.

connection lead mm	9 x 12	14 x 18	24.5 x 28
standard distance S mm	17.5	25	95

4891 3K DRALL set of screwdrivers

Set of six 3K DRALL screwdrivers.

Content:

⊖ 4820: 0.6-x-3.5-x-75-mm

0.8-x-4-x-100-mm

1-x-5.5-x-125-mm

1.2-x-6.5-x-150-mm

⊕ 4830: size 1; size 2



Code	g	g	g
96489110	615	1	

4892 3K DRALL set of screwdrivers

Set of eight 3K DRALL screwdrivers.

Content:

⊖ 4820: 0.6-x-3.5-x-75-mm

0.8-x-4-x-100-mm

1-x-5.5-x-125-mm

1.2-x-6.5-x-150-mm

1.6-x-8-x-175-mm

⊕ 4830: size 1; size 2; size 3



Code	g	g	g
96489210	745	1	

4899 3K DRALL set of TORX® screwdrivers

Set of nine 3K DRALL screwdrivers

for TORX® screws (TORX® TAMPER RESISTANT).

Content:

⊕ 4856: T8; T9; T10; T15; T20;

T25; T27; T30; T40



Code	g	g	g
96489910	513	1	

4820 3K DRALL workshop screwdrivers

DIN 5265, ISO 2380, Chrome Alloy Steel, matt chrome plated, black tips.



Code	a mm	b mm	L ₁ mm	L ₂ mm	g	g
48201035	0.6	3.5	75	170	23	10
48201040	0.8	4	100	195	32	10
48202055	1	5.5	125	220	54	10
48201065	1.2	6.5	150	265	81	10
48201100	1.6	10	200	315	158	5
48202100	2	12	250	375	218	5

4830 3K DRALL cross-head screwdrivers

Phillips-Recess®, DIN 5262, ISO 8764, Chrome Alloy Steel, matt chrome plated, black tips.



Code	PH size	L ₁ mm	L ₂ mm	g	g
48301001	1	80	175	33	10
48301002	2	100	215	70	10
48301003	3	150	275	126	5

4840 3K DRALL cross-head screwdrivers

POZIDRIV/SUPADRIV®

DIN 5262, ISO 8764,

Chrome Alloy Steel,

matt chrome plated, black tips.



Code	PZ size	L ₁ mm	L ₂ mm	g	g
48401001	1	80	175	33	10
48401002	2	100	215	70	10
48401003	3	150	275	126	5

4856 3K DRALL TORX® screwdrivers

with hollow point

(TORX® TAMPER RESISTANT),

Chrome Alloy Steel,

matt chrome plated, black tips.



Code	size	mm	L ₁ mm	L ₂ mm	g	g
48560006	T6*	1.6	50	145	14	5
48560007	T7	2.0	50	145	14	5
48560008	T8	2.3	60	155	21	5
48560009	T9	2.5	60	155	21	5
48560010	T10	2.7	80	175	26	5
48560015	T15	3.3	80	175	28	5
48560020	T20	3.8	100	215	32	5
48560025	T25	4.4	100	215	55	5
48560027	T27	5.0	115	230	58	5
48560030	T30	5.5	115	230	63	5
48560040	T40	6.6	115	240	86	5

* without hollow point

4792 DRALL set of screwdrivers

Set of nine DRALL screwdrivers.

Content:

⊖ 4722: size 1 (1-x-5.5-x-100-mm)

size 2 (1.2-x-6.5-x-125-mm)

size 3 (1.2-x-8-x-150-mm)

size 4 (1.6-x-10-x-175-mm)

⊖ 4724: size 2 (1-x-5.5-x-25-mm)

⊖ 4728: size 1

(0.4-x-2.5-x-50-mm)

⊕ 4730: size 1

⊕ 4732: size 2



Code	g	g
96479210	745	1

4721 Workshop screwdrivers DRALL

parallel blades, as per VSM (Swiss Standard), Chrome Alloy Steel, chrome plated, black tips.



Code	size	a mm	b mm	L ₁ mm	L ₂ mm	△△ g	
47 21 1025	0	0.4	2.5	80	165	22	10
47 21 1035	1	0.5	3.5	90	175	24	10
47 21 1040	2	0.6	4	100	185	28	10
47 21 1055	3	0.8	5.5	120	215	43	10
47 21 1065	4	1	6.5	140	245	79	10
47 21 1080	5	1.2	8	160	275	115	10
47 21 1100	6	1.6	10	180	305	162	10
47 21 1130	7	2	13	200	325	193	10
47 21 1160	8	2.5	16	220	345	231	10
47 21 1180	9	3	18	240	365	276	10

4722 Workshop screwdrivers DRALL

DIN 5265, ISO 2380, with hexagon, Chrome Alloy Steel, chrome plated, black tips.



Code	size	a mm	b mm	L ₁ mm	L ₂ mm	△△ g	
47 22 1055	1	1	5.5	100	195	55	10
47 22 1070	2	1.2	6.5	125	230	84	10
47 22 1090	3	1.2	8	150	265	127	10
47 22 1100	4	1.6	10	175	290	158	10
47 22 1120	5	2	12	200	325	231	5
47 22 1130	6	2.5	14	250	375	311	5

4724 Carburettor screwdrivers DRALL

DIN 5265, ISO 2380, stubby, Chrome Alloy Steel, chrome plated, black tips.



Code	size	a mm	b mm	L ₁ mm	L ₂ mm	△△ g	
47 24 1045	1	0.6	3.5	25	80	27	10
47 24 1060	2	1	5.5	25	80	32	10
47 24 1080	3	1.2	8	25	80	39	10

4728 Electricians screwdrivers DRALL

DIN 5265, ISO 2380, Chrome Alloy Steel, chrome plated, black tips.



Code	size	a mm	b mm	L ₁ mm	L ₂ mm	△△ g	
47 28 1025	1	0.4	2.5	50	125	25	10

4732 Cross-head screwdrivers DRALL

with hexagon, Phillips-Recess®, DIN 5262, ISO 8764, Chrome Alloy Steel, chrome plated, black tips.



Code	PH size	L ₁ mm	L ₂ mm	△△ g	
47 32 1001	1	80	175	36	10
47 32 1002	2	100	205	81	10
47 32 1003	3	150	265	144	5
47 32 1004	4	200	325	251	5

4734 Cross-head screwdrivers DRALL

Phillips-Recess®, DIN 5262, ISO 8764, stubby, Chrome Alloy Steel, chrome plated, black tips.



Code	PH size	L ₁ mm	L ₂ mm	△△ g	
47 34 1001	1	25	80	27	10
47 34 1002	2	25	80	31	10

4744 Cross-head screwdrivers DRALL

POZIDRIV/SUPADRIV®, DIN 5262, ISO 8764, stubby, Chrome Alloy Steel, chrome plated, black tips.



Code	PZ size	L ₁ mm	L ₂ mm	△△ g	
47 44 1001	1	25	80	28	10
47 44 1002	2	25	80	34	10

4748 Ball ended hexagon drivers DRALL

for use on hexagon socket head screws, swivel angle up to 25° each side, Chrome Alloy Steel, chrome plated, black tips.



Code	mm	L ₁ mm	L ₂ mm	△△ g	
47 48 1050	5	100	195	54	10
47 48 1060	6	125	230	82	10
47 48 1080	8	150	265	143	10
47 48 1100	10	150	275	209	10
47 48 1120	12	150	275	268	10

VDE-insulated Screwdrivers

to DIN IEC 78 (CO) 11/VDE 0680 part 201/07.83
resp. IEC 900 1987

⚡ AC 1000 V

High quality materials and stringent tests
guarantee safe use on "live" lines up to 1000 V or
1500 V DC.

Individually tested at 10 000 V.

4795 VDE Screwdriver set DRALL

Set with 6 screwdrivers DRALL,
safety insulated.

⚡ AC 1000 V

VDE 680 part 201

Content:

⊖ 4760 VDE:

size 1 (0.4-x-2.5-x-75-mm)

size 3 (0.6-x-3.5-x-100-mm)

size 5 (1-x-5.5-x-125-mm)

size 6 (1.2-x-6.5-x-150-mm)

⊕ 4765 VDE:

size 1, size 2



Code	g	1
96 47 95 10	440	1

12506 Nut spinners DRALL

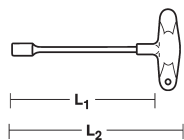
flexible,
max. torque 8 N m.



Code	mm	L ₁ mm	L ₂ mm	g	1
43 10 00 05	5	150	255	107	10
43 10 00 06	6	150	255	106	10
43 10 00 07	7	150	255	109	10

12507-2K T-handled nut spinners

with 2-component T-handle, Chrome Vanadium, matt chrome plated.



Code	mm	L ₁ mm	L ₂ mm	g	1
43 23 20 80	8	200	234	135	10
43 23 21 00	10	200	234	141	10

10760 CV/9 Hexagon key wrenches

in holder, for socket head screws,
Chrome Vanadium, nickel-plated.

Content:

1.5; 2; 2.5; 3; 4; 5; 6; 8; 10-mm



Code	g	1
96 43 15 01	245	1

10765/9 Hexagon key wrenches

for socket head screws,
DIN ISO 2936, extra long,
in holder, Chrome Vanadium,
nickel-plated.

Content:

1.5; 2; 2.5; 3; 4; 5; 6; 8; 10-mm



Code	g	5
96 43 21 01	410	5

10766/9 Key wrenches

for inside TORX® screws,

in holder,

Chrome Vanadium,

chrome plated.

Content:

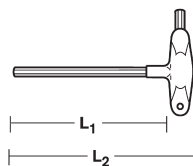
sizes T8; T9; T10; T15; T20; T25;
T27; T30; T40



Code	g	1
96 43 22 02	120	1

10768-2K Hexagon key wrenches

with 2-component T-handle, for socket head screws, with two tips,
Chrome Vanadium, matt chrome plated, black tips.



Code	mm	L ₁ mm	L ₂ mm	g	1
43 25 20 20	2	100	125	33	10
43 25 20 25	2.5	100	125	42	10
43 25 20 30	3	150	174	42	10
43 25 20 40	4	150	176	51	10
43 25 20 50	5	200	227	73	10
43 25 20 60	6	200	228	92	10
43 25 20 80	8	200	235	178	5

10766 Key wrenches

for inside TORX® screws,
Chrome Vanadium, chrome plated.



Code	size	mm	L ₁ mm	L ₂ mm	ΔΔ g	
43 22 00 06	T6	1.6	16	38	2	10
43 22 00 07	T7	2.0	16	41	2	10

10769 TORX®-T-handled screwdrivers

for inside TORX® screws,
shaft nickel-plated and
chrome plated,
tips hardened,
Chrome Vanadium,
matt chrome plated,
black tips.



Code	size	mm	L ₁ mm	L ₂ mm	ΔΔ g	
43 29 00 08	T8	2.3	80	96	10	5
43 29 00 09	T9	2.5	80	96	10	5
43 29 00 10	T10	2.7	100	116	10	5
43 29 00 15	T15	3.3	100	116	20	10
43 29 00 20	T20	3.8	100	125	30	10
43 29 00 25	T25	4.4	110	135	40	10
43 29 00 27	T27	5	110	135	50	10
43 29 00 30	T30	5.5	130	155	60	10
43 29 00 40	T40	6.6	130	165	100	10

10771/6 Key wrenches

for inside TORX® screws,
extra long,
with ball end on long arm,
in holder,
Chrome Vanadium, gun finished.
Content:
sizes T15; T20; T25; T27; T30;



Code	ΔΔ g	
96 43 27 01	168	1

10767/9 Ball ended hexagon key wrenches

in holder,
Chrome Vanadium,
gunmetal finish.
Content:
1.5; 2; 2.5; 3; 4; 5; 6; 8; 10-mm



Code	ΔΔ g	
96 43 26 01	420	5



Combination Pliers

6501 Combination pliers

DIN ISO 5746, precision cutter for all wires, incl. piano wire, induction hardened cutting edges, approx. 62 HRC, for long life.



65015180



65016180

Code	L mm	Head	Handles					Δ g
65015180	180	chrome plated	with H.D. sleeves	2	1.8	12	16	250
65016180	180	polished	dip-coated with sure-grip surface	2	1.8	12	16	190

 cutting capacity in-mm for hard wire

 cutting capacity in-mm for piano wire

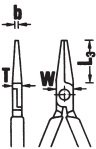
 cutting capacity in-mm for cable

 cutting capacity in-mm² for cable

Round Nose Pliers

6524 Round nose pliers, long

DIN ISO 5745, for bending wire loops and rings, long, round, ground jaws, fine serrations on gripping areas.

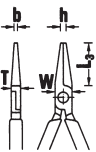


Code	L mm	Head	Handles	L ₃ mm	W mm	D mm	b mm	Δ g
65245160	160	chrome plated	with H.D. sleeves	47	15.5	8.5	2.5	155

Snipe Nose Pliers

6529 Snipe nose pliers with cutter (radio- or telephone pliers)

DIN ISO 5745, Form A (straight), half round, long tapering, serrated jaws, with burner hole, precision cutters for soft and hard wires, induction hardened cutting edges, approx. 60 HRC.



65295200

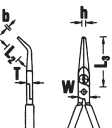


65296200

Code	L mm	Head	Handles	L ₃ mm	W mm	D mm	h mm	b mm	Δ g
65295200	200	chrome plated	with H.D. sleeves	73	17	9	3	2.5	220
65296200	200	polished	dip-coated with sure-grip surface	73	17	9	3	2.5	187

6530 Snipe nose pliers with cutter (Radio- or Telephone Pliers)

DIN ISO 5745, Form B, bent 45°, half round, long tapering, serrated jaws, with burner hole, precision cutters for soft and hard wires, induction hardened cutting edges, approx. 60 HRC.



65305200

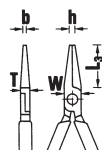


65306200

Code	L mm	Head	Handles	L ₂ mm	L ₃ mm	W mm	D mm	h mm	b mm	Δ g
65305200	200	chrome plated	with H.D. sleeves	28	76	17	9	3.5	3	220
65306200	200	polished	dip-coated with sure-grip surface	28	76	17	9	3.5	3	178

6534 Mechanics snipe nose pliers

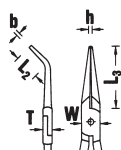
Form A (straight), half round, long tapering, serrated jaws.



Code	L mm	Head	Handles	L ₃ mm	W mm	D mm	h mm	b mm	g
65 34 5 280	280	chrome plated	dip-coated with sure-grip surface	73	20	9.5	3	2.5	255

6535 Mechanics snipe nose pliers

Form B (bent 45°), half round, long tapering, serrated jaws.



Code	L mm	Head	Handles	L ₂ mm	L ₃ mm	W mm	D mm	h mm	b mm	g
65 35 5 280	280	chrome plated	dip-coated with sure-grip surface	28	66	20	9.5	3	2.5	255

Circlip Pliers

6543 Circlip pliers for inside circlips

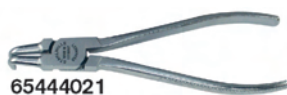
DIN 5256 C, straight, H.D. drop forged, precision points.



Code	size	L mm	for circlip sizes mm	Head	Handles	g
65 43 4 001	J 1	140	8–25	matt chrome plated	chrome plated, chequered	90
65 43 4 002	J 2	180	19–60			135
65 43 4 003	J 3	225	40–100			195
65 43 6 001	J 1	140	8–25	polished	dip-coated with sure-grip surface	100
65 43 6 002	J 2	180	19–60			150
65 43 6 003	J 3	225	40–100			215

6544 Circlip pliers for inside circlips

DIN 5256 D, bent 90°, H.D. drop forged, precision points.



Code	size	L mm	for circlip sizes mm	Head	Handles	g
65 44 4 011	J 11	130	8–25	matt chrome plated	chrome plated, chequered	90
65 44 4 021	J 21	170	19–60			135
65 44 4 031	J 31	215	40–100			195
65 44 6 011	J 11	130	8–25	polished	dip-coated with sure-grip surface	100
65 44 6 021	J 21	170	19–60			150
65 44 6 031	J 31	215	40–100			215

6545 Circlip pliers for outside circlips

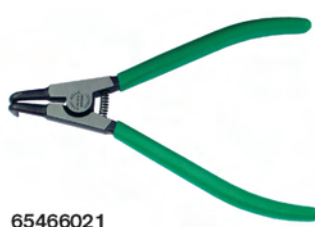
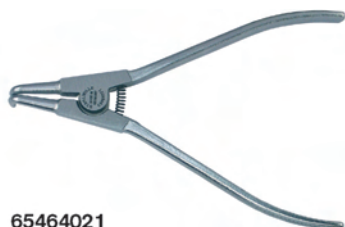
DIN 5254 A, straight, H.D. drop forged, precision points, with wear resistant compression spring.



Code	size	L mm	for circlip sizes mm	Head	Handles	Weight g
65454001	A 1	140	10–25	matt chrome plated	chrome plated, chequered	95
65454002	A 2	180	19–60			145
65454003	A 3	210	40–100			205
65456001	A 1	140	10–25	polished	dip-coated with sure-grip surface	105
65456002	A 2	180	19–60			160
65456003	A 3	210	40–100			232

6546 Circlip pliers for outside circlips

DIN 5254 B, bent 90°, H.D. drop forged, precision points, with wear resistant compression spring.



Code	size	L mm	for circlip sizes mm	Head	Handles	Weight g
65464011	A 11	125	10–25	matt chrome plated	chrome plated, chequered	95
65464021	A 21	170	19–60			145
65464031	A 31	200	40–100			111
65466011	A 11	125	10–25	polished	dip-coated with sure-grip surface	105
65466021	A 21	170	19–60			160
65466031	A 31	200	40–100			236

6547 Special circlip pliers for slotted circlips

for slotted circlips (as used on shafts of engines, gearboxes, differentials, clutches etc.), with wear resistant compression spring.



Code	L mm	Head	Handles	Weight g
65474170	170	matt chrome plated	chrome plated, chequered	154

Waterpump Pliers

6551 Waterpump pliers

DIN ISO 8976 (No-207 c), box joint, 7 adjustment positions, anti-squeeze protection, Chrome Vanadium.



Code	L mm	Jaw opening max.-mm	Head	Handles	⚖ g
65 51 6 240	240	43	black lacquered, jaws polished	black lacquered, box frame polished, dip-coated	324

6554 Waterpump pliers, with rapid adjustment

DIN ISO 8976 (No-207 c), box joint "hook" adjustment, jaw with slot, Chrome Vanadium.



Code	L mm	Jaw opening max.-mm	Head	Handles	⚖ g
65 54 4 250 250 ¹⁾		50	chrome plated	chrome plated, chequered	476
¹⁾ anti-squeeze protection					

Self Grip Wrenches

6562 Parallel jaw self grip wrench

forged jaws, quick release lever, Chrome Vanadium.



Code	L mm	S mm	Head	Handles	⚖ g
65 62 2 250	250	50	bright nickel-plated	bright nickel-plated	678

6563 Universal self grip wrenches

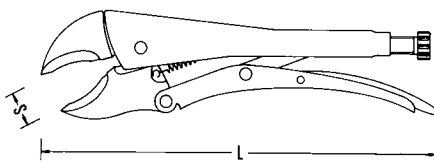
forged jaws (one straight, one contoured), quick release lever, Chrome Vanadium.



Code	L mm	S mm	Head	Handles	⚖ g
65 63 2 250	250	30	bright nickel-plated	bright nickel-plated	500

6564 Self grip wrenches

forged contoured jaws, quick release lever, wire cutter, Chrome Vanadium.



Code	L mm	S mm	Head	Handles	 g
65 64 2 250	250	40	bright nickel-plated	bright nickel-plated	528

6565 Welders self grip wrench

with quick release lever, Chrome Vanadium.



Code	L mm	S mm	Head	Handles	 g
65 65 2 280	280	65	bright nickel-plated	bright nickel-plated	941

6566 Pipe welders self grip wrench

with quick release lever, Chrome Vanadium.



Code	L mm	S mm	Head	Handles	 g
65 66 2 280	280	85	bright nickel-plated	bright nickel-plated	944

6571 Long nose self grip wrench

specially suitable for narrow, tapering access, with quick-release lever, Chrome Vanadium.

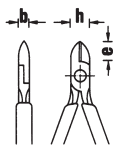


Code	L mm	S mm	Head	Handles	 g
65 71 2 165	165	23	bright nickel-plated	bright nickel-plated	190

Side Cutters

6600 Side cutters

DIN ISO 5749, Form B, precision cutter for all wires incl. piano wire, high quality alloy steel, bevelled cutting edges induction hardened, approx. 63 HRC.

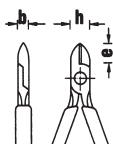


Code	L mm	Head	Handles	e mm	h mm	b mm	⑧	⑨	⑩	⑪	⑫ g
66005180	180	chrome plated	with H.D. sleeves	32	23.5	11	3.8	3	2.5	2	325
66006180	180	polished	dip-coated with sure-grip surface	32	23.5	11	3.8	3	2.5	2	205

- ⑧ Cutting capacity in-mm for soft wire
- ⑨ Cutting capacity in-mm for medium hard wire
- ⑩ Cutting capacity in-mm for hard wire
- ⑪ Cutting capacity in-mm for piano wire

6602 Heavy duty side cutters

DIN ISO 5749, Form A, precision cutter for all wires incl. piano wire, high quality alloy steel, bevelled cutting edges induction hardened, approx. 63 HRC.



Code	L mm	Head	Handles	e mm	h mm	b mm	⑧	⑨	⑩	⑪	⑫ g
66025160	160	chrome plated	with H.D. sleeves	25.5	25	9.5	4	3.4	2.5	2	200
66025200	200	chrome plated	with H.D. sleeves	31	28	11.5	4	4	3	2.5	310
66026160	160	polished	dip-coated with sure-grip surface	25.5	25	9.5	4	3.4	2.5	2	170
66026200	200	polished	dip-coated with sure-grip surface	31	28	11.5	4	4	3	2.5	260

- ⑧ Cutting capacity in-mm for soft wire
- ⑨ Cutting capacity in-mm for medium hard wire
- ⑩ Cutting capacity in-mm for hard wire
- ⑪ Cutting capacity in-mm for piano wire

Wire Stripping Pliers

6623 Wire stripping pliers

for wires from 0.5 to 5-mm ϕ , self adjusting, cutter hole for cutting wire or stranded wires up to 5-mm ϕ , special steel.



Code	L mm	Head	Handles	⑫ g
66235160	160	chrome plated	with H.D. sleeves	180

Top Cutters

6617 Lever action top cutters

DIN ISO 5748, for piano wire, special steel.



Code	L mm	Head	Handles	③	⑨	△△ g
66170180	180	polished	black lacquered	3.7	3.0	438
66170215	215			4.2	3.5	579
66170235	235			4.7	4.0	766

③ Cutting capacity in-mm for medium hard wire

⑨ Cutting capacity in-mm for piano wire

6661 Pincers

DIN ISO 9243, quality steel.



Code	L mm	Head	Handles	△△ g
66611180	180	gun finish, polished	gun finish	322

6702 Set with 4 pliers, chrome plated

Handles chequered, in plastic inlay



Code	Content	each 1 piece	△△ g
96650004	6543	Circlip pliers, J2	590
	6544	Circlip pliers, J21	
	6545	Circlip pliers, A2	
	6546	Circlip pliers, A21	

6704 Set with 3 pliers, chrome plated

with H.D. sleeves (No-6501, 6602), in plastic inlay



Code	Content	each 1 piece	△△ g
96650006	6551	Waterpump pliers, 240-mm, lacquered	790
	6501	Combination pliers, 180-mm	
	6602	Heavy duty side cutter, 160-mm	

155 Small bore pipe cutter

for use on Copper-, Brass-, light alloy-, PVC- and thin walled Steel tubes.



Code			Cutting depth max.-mm	 g	
60070001	1/8 – 5/8	3 – 16	2	102	1

157 Chain pipe cutter

infinitely adjustable, with twist handle, also suitable for special steel pipes up to 1.8-mm wall thickness, chain length 270-mm.



Code		Cutting depth max.-mm	 g	
60110001	25 – 75	2	705	1

165 Double flaring tool

with Clamping Blocks, Flaring Cones and Forming Cone No-1652.



Code		 g	
63030000	4.75; 5; 6; 8; 9; 10-mm	3040	1



© BMW AG

10956 Nylon hammers

with interchangeable heads of shockproof Nylon Vestamid and EUROPLUS Handles.



Code	$\varnothing$ mm	L ₁ mm	L ₂ mm	 g	
70170027	27	265	90	215	6
70170032	32	280	100	325	6
70170035	35	290	105	400	2
70170040	40	320	110	550	2
70170050	50	340	115	860	2
70170060	60	380	135	1365	2

10957 Plastic hammers

recoilless; with interchangeable heads and Hickory Handles.



Code	$\varnothing$ mm	L ₁ mm	L ₂ mm	 g	
70190030	30	350	115	460	6
70190035	35	355	118	580	6
70190040	40	375	125	760	2
70190045	45	380	130	1000	2
70190050	50	385	135	1250	2

10958 Embossing hammer

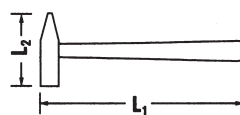
aluminium, cylindrical, with Hickory-Handle.



Code	$\varnothing$ mm	L ₁ mm	L ₂ mm	 g	
70240040	40	340	155	648	2

10960 Engineers hammers

with Ash Handles, DIN 1041.



Code	g	L ₁ mm	L ₂ mm	 g	
70110004	300	300	105	396	6
70110002	500	320	118	614	6
70110006	800	350	130	951	2

10970 Engineers hammers

with Ash Handles.



Code	lb.	L ₁ mm	L ₂ mm	 g	
70120002	1	320	99	575	6
70120004	1 1/2	350	118	790	2

102 Cold chisels

DIN 6453, Chrome Vanadium Steel, lacquered silver.



Code	size	L mm	b mm	△ g	
70020003	150	150	18	172	10
70020005	200	200	24	379	5

103 Cross-cut chisels

DIN 6451, flat, Chrome Vanadium Steel, lacquered silver.



Code	size	L mm	b mm	△ g	
70040003	150	150	16	147	10
70040005	200	200	18	340	5

104 Drift pins

DIN 6458, octagonal, Chrome Vanadium, lacquered



Code	size	● mm	● mm	L mm	△ g	
70060007	120-x-2	2	10	120	60	10
70060010	120-x-3	3	10	120	60	10
70060002	120-x-4	4	10	120	62	10
70060008	120-x-5	5	10	120	64	10
70060003	120-x-6	6	10	120	66	10

105 Centre punches

DIN 7250, octagonal, Chrome Vanadium, lacquered



Code	size	● mm	L mm	△ g	
70050001	100-x-10	10	100	52	10
70050005	120-x-10	10	120	63	10
70050002	120-x-12	12	120	90	10

108 Parallel pin punches

DIN 6450, octagonal, Chrome Vanadium, lacquered



Code	size	● mm	● mm	L mm	△ g	
70071152	115-x-2	2	8	115	30	10
70070002	150-x-3	3	10	150	62	10
70070003	150-x-4	4	10	150	64	10
70070004	150-x-5	5	10	150	67	10
70070005	150-x-6	6	10	150	72	10
70070006	150-x-8	8	10	150	81	10

- diameter of tip
- size of handle, octagon

102 Sets: Chisels, pins, punches

6 pieces
content: 1 each
No-106/125-mm
No-106/150-mm
No-107/125-mm
No-104/120-x-2; 120-x-4-mm
No-105/120-x-10-mm
D = in plastic stand
Pc = in plastic wallet



Code	No	△ g	
98812201	102-5/6 D	445	1
98812202	102-5/6 Pc	426	5

104 Sets: Drift pins, centre punches

6 pieces
Content: 1 each
No-104/120-x-2; 120-x-3; 120-x-4;
120-x-5; 120-x-6-mm
No-105/120-x-10-mm
D = in plastic stand
Pc = in plastic wallet



Code	No	△ g	
96700601	104-5/6 D	417	1
96700602	104-5/6 Pc	392	5

108 Sets: Parallel pin punches

6 pieces
Content: 1 each
No-108/150-x-2.5; 150-x-3;
150-x-4; 150-x-5; 150-x-6;
150-x-8-mm
D = in plastic stand



Code	No	△ g	
96700701	108/6D	424	5

10670 Three square engineers scrapers

special steel.



Code	L mm	△ g	📦
72060001	205	76	5
72060002	230	84	5
72060003	255	105	5
72060004	275	115	5

10672 Flat engineers scrapers

special steel.



Code	mm	△ g	📦
72050004	20-x-305	206	5
72050005	25-x-365	364	5

12025 Engineers file, round

Code	L mm	△ g	📦
72120000	200	96	5

12030 Engineers file, half round

Code	L mm	△ g	📦
72130000	250	285	5

12035 Engineers file, three-square

Code	L mm	△ g	📦
72140000	200	167	5

12036 Engineers file, hand

Code	L mm	△ g	📦
72170002	250	335	5

12050 Tubular hacksawadjustable,
with blade size 300-mm/12".

Code	L mm	△ g	📦
72210000	465	490	1

12053 Hacksaw frame

Code	L mm	△ g	📦
72210002	252	159	1

905/25 Stud remover setM 5 - M 16, 3/16" - 5/8", 25 pieces,
in green plastic box.

Content:

5 HSS twist drills sizes

(3.2; 4.8; 6.4; 8; 8.7-mm)

5 Fluted Removal Pins sizes 1-5

for threads M 5-M 16

5 Splined Nuts, sizes 1-5

10 Drill Guides, sizes 1-10



Code	△ g	📦
96713025	555	1

900/6Pc Screw EXTRACTOR set

in green plastic bag.



Code	Content	△ g	📦
96710101	1 each No-900 size 1-6	190	5

904 Stud remover

- Suitable for all sizes of studs from 6-12-mm
 - Also suitable for percussion screwdriver use.
 - Will cope with rusted or scale-coated screws with a minimum of 3-mm protruding.
- Chuck: size 36-mm
Clamping screw: size 24-mm



Code	○ "	△ g	📦
71340000	3/8	420	1

12615 Nut splitters

galvanised, for splitting
Nuts of quality range
up to 8.8 (55 tpsi).



Code	size	for nuts mm	△△ g	☐
71250001	1	10–18	214	1
71250002	2	19–27	437	1

12900/2 Brake disc gauge

DIN 862, for measuring the
thickness of car and motorcycle
brake discs in situ, stainless steel,
with locking screw and trailing
vernier scale (1/10-mm), in leather
pouch.



Code	measuring range mm	throat depth mm	△△ g	☐
77370003	60	75	147	1

12931 Tape measure

with tape lock. Metric-Inch scales.



Code	L m	△△ g	☐
77040004	3	104	10

12800 Set warding files

6 pieces, in Pc-wallet, DIN 7283,
Content: 1 file each, hand,
flat, half round, three square,
square, round



Code	L mm	△△ g	☐
72230001	100	111	5

12250 Force feed oil can

metal container, brass pump.
Content:
500 ccm



Code	△△ g	☐
77010001	270	1

12251 Plastic oil can

Content:
250 ccm



Code	△△ g	☐
77110002	80	5

12320 Electricians cable knife



Code	△△ g	☐
77020000	81	10

12321 Engineers scribe



Code	L mm	△△ g	☐
77100000	250	45	10

12374 Wire brush

wood, steel wire dia. 0.35-mm.



Code	L mm	Rows	△△ g	☐
77090000	290	4	129	10

12377 Wire brush

with brass coated steel bristles.



Code	L mm	△△ g	☐
77090010	270	140	24

12600 Magnetic lifters



Code	lifting power g	∅ mm	L mm	△△ g	☐
77260027	270 ¹⁾	5	500	25	1
77260025	500	8	460	80	1

¹⁾ Miniature magnetic lifter with tiny head, very powerful

12921 Telescopic mirrors



Code	∅ mm	L mm	△ g	
77 40 20 40	40	180–530	87	1

12922 Claw lifter



Code	∅ mm	L mm	△ g	
77 40 00 03	7	525	101	5

12965 Universal cutter

with hole for hanging up and 5 spare blades in handle, blade is adjustable by moving slide, suitable for cutting card, rubber, leather, wood.

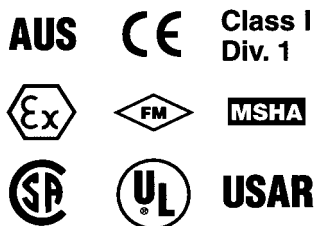


Code	L mm	△ g	
77 62 00 01	160	178	1

13126 Torch

ABS body with high-impact polycarbonate lens. Approved by FM, CSA, AUS and MSHA as non flammable. Laser-SPOT™ xenon lamp module generates a finely focussed white collimation light beam with a net intensity up to 400% higher than normal. 12.000 candlepower. With black rubber lens protection.

Conforms to US military regulations - Class. I Div. 1 USAR. Takes 3 alkali batteries (C) (not included). Suitable for underwater use. Waterproof up to 100 m.



Code	L mm	△ g	
77 49 00 02	191	160	1

13130 Tweezers

straight, blunt, finely milled inside, stainless steel.



Code	L mm	△ g	
77 50 00 01	160	25	5

11050 Standard pullers

two-armed, with sliding permanently parallel extractor hooks, zinc plated; for extracting gearwheels, ball bearings, pulleys and similar parts from shafts or axles; for removing ball bearings, bearing outer races and bushes from holes; hooks can be used as internal or external hooks.



Code	size	Clamp. width mm	Clamp. depth mm	△ g	
71 13 00 01	1	90	100	1053	1
71 13 00 02	2	120	100	1203	1

11051 Standard pullers

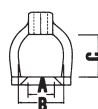
three-armed, with sliding permanently parallel extractor hooks, zinc plated; for extracting gearwheels, ball bearings, pulleys, fan wheels and similar parts from shafts or axles; for removing ball bearings, bearing outer races and bushes from holes; hooks can be used as internal or external hooks.



Code	size	Clamp. width mm	Clamp. depth mm	△ g	
71 08 00 02	2	120	100	1499	1

11041 Ball joint separators

for forcing out ball pins on vehicles, zinc plated.



Code	size	A mm	B mm	C mm	△ g	
71 23 00 01	1	18	36	38	290	1

for passenger vehicles

12623 Ball joint separator

zinc plated; for extracting ball-joints especially on BMW, DaimlerChrysler, Fiat, Ford, Nissan, Opel, Toyota, VW/Audi and Volvo cars.



Code	Fork opening mm	△ g	
71 05 00 01	20	1280	1



Special tools for ignition and electrics

10626 Spark plug connector pliers

forged, with 45° offset, curved jaws, for extracting and replacing sparkplug connectors.



Code	L mm	△ g	📦
76530001	195	223	1

25GK Ratchet ring spanner

angled, extra long, for hard-to-reach heater plugs, size 8-mm for contact rail bolts, size 12-mm for diesel heater plugs, chrome plated.



Code	🔧 mm	L mm	△ g	📦
41180812	8-x-12	255	156	1

3047 Spark plug socket

extra long, for hard-to-reach heater plugs, 3/8" O-drive, size 12 mm



Code	🔧 mm	L mm	△ g	📦
02180012	12	140	138	1

10627 Heater plug socket pliers

forged, curved jaws with milled grip, for accessing tight-fitting, awkward-to-reach heater plug connectors



Code	L mm	△ g	📦
76530004	220	262	1

12905 Car circuit tester

for car electrics 6-12 volt and 24 volt, with pointed probe, cover cap, connecting lead with alligator clip.



Code	L mm	△ g	📦
77380001	120	73	10

7756 Automotive voltage tester (complete set)

Testing unit for electric and electronic car components, 3 - 48 volt, 2 LEDs to indicate voltage and plus or minus pole, complete in Pc-bag.

Content:
1 basic unit with 1.5 m cable, testing tip, integrated mechanical sliding needle, 1 crocodile terminal, 1 jaw clamp



Code	△ g	📦
77560001	85	1

7754 Jaw clamp

for awkward access points.



Code	△ g	📦
77540001	16	1

7755 Crocodile terminal



Code	△ g	📦
77550001	12	1



Special tools for carburettors

10503 Screwdriver

for adjusting slotted screws, matt chrome, black tip.



Code	L mm	Blade mm	△ g	📦
73210001	345	0.8-x-5-x-260	64	10

10506 Screwdriver

for setting correct CO-valve on mixture screen, idling mixture on Pierburg carburetors, black tip.



Code	L mm	Blade mm	 g	
73010001	350	0.8-x-4-x-300	53	10

10507KK Screwdriver

for hexagon socket head screws, size 3-mm, for mixture regulation on distributor of K-Jetronic matt chrome, black tip.



Code	L mm	 g	
73100002	385	89	10

10518 Screwdriver

for adjustment (slotted screws), matt chrome, black tip.



Code	L mm	Blade mm	 g	
73210002	515	1-x-5.5-x-410	140	10

11063 Valve seating-ring pliers

for pulling valve stem seals and removal of valve spring base on VW-Audi engines with overhead camshaft, bright nickel-plated.



Code	L mm	 g	
74290001	250	340	1

11095 Precision feeler gauges

DIN 1544F, nickel-plated case, tapered blades.



Code	No	Sizes	L mm	 g	
74240002	11095/20	0.05; 0.10; 0.15; 0.20; 0.25; 0.30; 0.35; 0.40; 0.45; 0.50; 0.55; 0.60; 0.65; 0.70; 0.75; 0.80; 0.85; 0.90; 0.95; 1.00-mm	100	95	10



10998/1 Body tool set

31 pieces



Code		△ kg
96812002		13
	No-6562/1	250 mm
	No-6562/2	250 mm
	No-65620001	
	No-65 63 2 250	250 mm (2 x)
	No-10785	
	No-10790	300 mm
	No-10845	
	No-10855	
	No-10865	
	No-10866	70 mm
	No-10870	
	No-10871	
	No-10872	315 mm
	No-10873	
	No-10874	
	No-10875	230 mm
	No-10876	325 mm
	No-10877	530 mm
	No-10878	530 mm
	No-10895	390 mm
	No-10908	350 mm
	No-10921	350 mm
	No-10922	530 mm
	No-10923	530 mm
	No-10931	530 mm
	No-10958	340 mm
	No-12724	350 mm
	No-12725	350 mm
	No-12726	350 mm
	No-12747	160 mm

10998/2 Alu Body tool set

25-piece set for work on aluminium vehicle bodies.
Tools are marked in red to avoid confusion.



Code		△ kg
96812003		9.1
	No-6501 0 180 red	180 mm
	No-6551 6 240 red	240 mm
	No-10790 red	300 mm
	No-10845 red	120 mm
	No-10855 red	70 mm
	No-10866 red	70 mm
	No-10872 red	315 mm
	No-10875 red	230 mm
	No-10876 red	325 mm
	No-10890/1 red	315 mm
	No-10900 red	400 mm
	No-10905 red	365 mm
	No-10908	350 mm
	No-10921	350 mm
	No-10922 red	530 mm
	No-10923 red	530 mm
	No-10940/55 red	∅ 55 mm
	No-10956/22 red	∅ 22 mm
	No-10956/27 red	∅ 27 mm
	No-10957/30 red	∅ 30 mm
	No-10957/40 red	∅ 40 mm
	No-10958 red	340 mm
	No-10960 red	300 g
	No-12374/V2A red	290 mm
	No-12726 red	350 mm

10785 Planishing hammer

short, round face chequered.



Code	∅ mm	□ mm	L ₁ mm	L ₂ mm	⚖ g	📦
70130004	40	35	300	96	400	2

10805 Pecking hammer

round flat face,
oblong, thin pein,
approx. 1-mm thick.



Code	∅ mm	L ₁ mm	L ₂ mm	⚖ g	📦
70130008	40	300	160	450	2

10835 Wedge dolly



Code	L mm	b mm	h mm	⚖ g	📦
70210002	130	55	32	958	1

10838 Anvil dolly



Code	L mm	b mm	h mm	⚖ g	📦
70210003	75	60	50	1068	1

10842 Diabolo dolly



Code	∅ mm	h mm	⚖ g	📦
70210006	57	60	658	1

10845 Toe dolly



Code	L mm	b mm	h mm	⚖ g	📦
70210008	120	55	22	770	1

10855 Universal anvil dolly



Code	L mm	b mm	h mm	⚖ g	📦
70210010	70/60	50/45	58	1200	1

10865 Heel dolly



Code	L mm	b mm	h mm	⚖ g	📦
70210012	80	60	35	1070	1

10866 Dolly

with three flat and three
shaped faces.



Code	L mm	b mm	h mm	⚖ g	📦
70210016	115	48	48	1550	1

10880 Bumping spoon



Code	L ₁ mm	L ₂ mm	⚖ g	📦
70220001	460	200	1900	1

L₁ = length overall
L₂ = working length

10890 Body spoon



Code	L ₁ mm	L ₂ mm	⚖ g	📦
70220003	270	130	520	1

10895 Body spoon



Code	L ₁ mm	L ₂ mm	⚖ g	📦
70220004	390	200	970	1

L₁ = length overall
L₂ = working length

10900 Flange tool

with leather cap.



Code	L mm	△ g	△ g	△ g
70220005	400	1100	1	

11005 Pry bar

head and point polished.



Code	L mm	△ g	△ g	△ g
72090000	400	500	6	

11006 Lever bar

special steel, bright nickel-plated.



Code	L mm	△ g	△ g	△ g
72090002	400	500	6	

11007 Lever bar

special steel, bright nickel-plated.



Code	L mm	△ g	△ g	△ g
72090003	400	643	6	

12725 Body file

Special Chrome Alloy Steel, crosscut, smooth, 18 t.p.i.



Code	L mm	△ g	△ g	△ g
72040002	350	691	2	

12747 Box file

also for body sheet work.



Code	L mm	b mm	h mm	△ g	△ g
72290001	160	25	35	800	1

10905 Body file holder

with coarse blade.



Code	L mm	b mm	h mm	△ g	△ g
72160000	365	35	110	760	2

L = Length, b = Width, h = Height

10923 Body file holder

wooden, for flat blades.



Code	L mm	△ g	△ g	△ g
72200002	530	300	1	

Spare blades for No-10905 and No-10923



Code	No		teeth per inch	L mm	 g	
79060002	10907	medium, radial cut	12	350	286	10

10922 Body file holder

wooden, for half round radius file blades.



Code	L mm	△ g	△ g	△ g
72200001	530	260	1	

File blades for No-10922



Code	No		teeth per inch	L mm	 g	
79060014	10917	coarse, without swarf breaker, half round, angled cut	9	350	208	1

12727 Spot weld milling cutter

HSSE steel, for spot-weld removal on car body or sheet metal construction. Replaceable milling cutter size 10-mm. Cutting depth adjustment by set screw, avoids distortion damage to sheet metal.



Code	L mm	△ g	△ g	△ g
72260001	72	19	5	

12770 Lever bar

powder coated for improved slide effect, for removal of doors trims in cars.



Code	L mm	△ g	△ g	△ g
74590001	250	148	5	

12770/3 Plastic lever bar

for removing trim and rubbing strips of all kinds on bodywork and around windscreens, rear and side windows. The broad area of contact prevents damage such as scratching of painted surfaces, deformation of strips and damage of glass.



Code	L mm	△ g	📦
74590003	300	209	1

10356 Scraper

for removing residues of adhesive and stickers from vehicle glass. Blade 40-mm wide, 0.3-mm thick, interchangeable with cover.



Code	Length mm	Width mm	△ g	📦
74270005	165	40	90	1

12718 Flat scraper

special steel, for removal of gasket seals on carburettor, valve cover, cylinder head etc.



Code	L mm	△ g	📦
72030001	265	143	5

10599/2 Balance weight pliers

registered design, with cutter for cutting and trimming lead weights (with or without adhesive foil), Chrome Vanadium, chrome plated.



Code	L mm	△ g	📦
76294003	245	319	1

12373 Steel wire brush

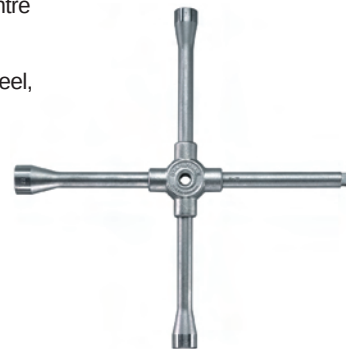
special slim design.



Code	L mm	Rows	△ g	📦
77440001	230	2	95	10

Wheel braces

DIN 3119/ISO 6788, forged centre section, pressed-in extension arms with extra deep forged socket heads, Chrome Alloy Steel, chrome plated.



Code	No	mm"	L mm	△ g	📦
43030006	35c cars	17; 19; 22; 1/2"	400	2058	1

with 1/2" ■-square drive on one extension

Tyre levers

Handy, sturdy construction, purposefully shaped, Chrome Alloy Steel, chrome plated.



Code	No	L mm	△ g	📦
74010400	39 cars	400	383	5
74010600	39/1 HGVs	600	897	5

1015 Oil filter claw

for loosening of oil filters on cars.



Code	○ "	clamp. width mm	total height mm	length of claws mm	△ g	📦
74620002	3/8	68-120	65	50	520	1

12007 Oil filter wrenches

adjustable for diameters
80 - 110-mm.
Hardened anti-slip cams ensure
safety during use.



Code	No	L mm	△ g	g	g
76521001	12007/1 1)	150	226	1	
76521002	12007/2 2)	240	319	1	

1) with ½" ○

2) with lever handle

157 Chain exhaust-pipe cutter

infinitely adjustable, with twist
handle, also suitable for special
steel pipes up to 1.8-mm wall
thickness,
chain length 270-mm.



Code	mm	△ g	g	g
60110001	25 – 75	705	1	

K157 Chain

Code	△ g	g	g
69130001	183	1	

10615/1 Hose clip pliers CLIC

for CLIC hose clips. Work can be
carried out at various angles due
to stepless swivelling jaws.



Code	L mm	△ g	g	g
76460013	200	189	1	

10625 Ear clamp pincers

for application of 1 and 2-ear
clamps on shaft sleeves, radiator
and fuel lines, quality steel, black
paint finish.



Code	L mm	△ g	g	g
76540002	225	340	1	

10625/2 Hose clip pliers

for correctly closing hose
clips without ears, on BMW
motorcycles, e.g. model R 1200
GS. Quality steel, nickel-plated,
jaws gunmetal finished.



Code	L mm	△ g	g	g
76540003	200	173	1	

12763 Pull hook for rubber exhaust mountings

for pulling rubber loops on exhaust
mountings.



Code	L mm	△ g	g	g
74200001	250	100	5	

1062 Socket

bi-hexagon, AS drive, size 27-mm, ½" ○-drive,
for diesel injectors.



Code	Type	△ g	g	g
03830027	M 21: E30 = 324td, E28 = 524td, E34 = 524td M 51: E36 = 325td, E34 = 525tds	255	5	

1067 Socket

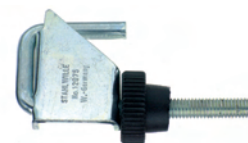
for external TORX® screws, with screw clamping spring, size E 12,
length 140-mm, ½" ○-drive, for cylinder head bolts.



Code	Type	△ g	g	g
03860012	engine M42, 1.8 l, 4-cylinder (4 valves per cylinder), 318is from 1989, engine M50; 2.0/2.5 l, 6-cylinder (4 valves per cylinder), series 5 from 1990	175	1	

12975 Fuel hose clamp

capacity up to Ø 20-mm, for stopping fuel flow temporarily.



Code	Type	△ g	g	g
74340001	all	38	10	