

10 SPECIAL AUTOMOTIVE TOOLS

KABELEX® tools and sets

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The right solution is always on hand. **STAHLWILLE special-purpose tools for the automotive industry.**



Together with leading automotive manufacturers, STAHLWILLE develops special-purpose tools and brand-specific tool compilations. Continuous new and further developments of tools ensure that production and workshops always have high-quality and well thought-out tool solutions at hand.



VERSATILE.

Tool assortments specially designed for individual vehicle marques guarantee optimised, efficient work processes. Whether in the workshop, in production or on the racetrack – application engineers appreciate the advantages of STAHLWILLE special automotive tools.



INDIVIDUAL.

STAHLWILLE's KABELEX® range. More than 30 different tools to release cable connectors quickly and easily – without cutting them off, which saves time and money. Available as single tools, individually combined sets or special sets for certain vehicle marques.



POWERFUL.

It would be hard to imagine garage and production environments without compressed air tools. Hardly surprising, then, that STAHLWILLE offer such a wide range of tried-and-tested, job-specific sockets.

SAFE.

Twin suction lifters made by STAHLWILLE and the three-component glass removal set ensure that windscreens and other car glass panes are easily and safely removed, fitted and transported.



EFFICIENT.

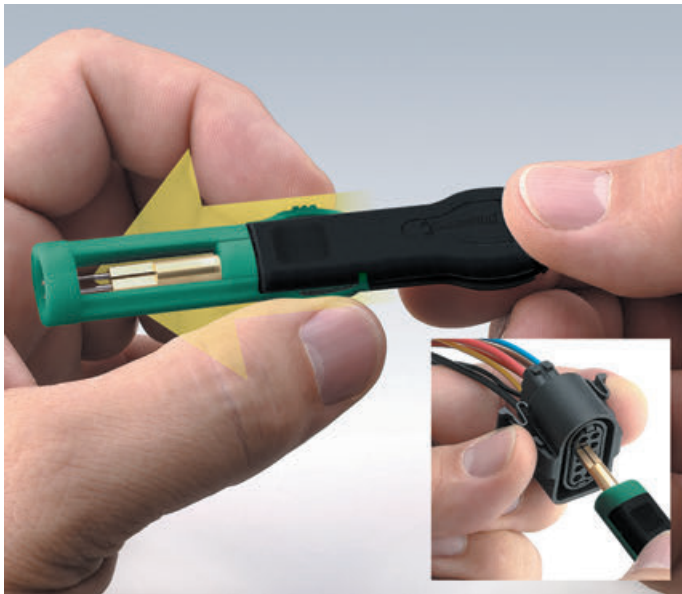
Often enough, corroded or seized parts – like glow-plugs – slow down repair and servicing jobs. STAHLWILLE's glow-plug socket pliers make it that much easier to remove and refit these connectors, even in hard-to-reach places.



Special automotive tools



Plug system	Tools	Private cars											Lorries				Contact size mm	No
		BMW	Fiat	Ford	Mazda	Mercedes-Benz	Opel	PSA	Renault	Volvo	VW/Audi Seat/Skoda Porsche	MAN	Mercedes-Benz	Scania	Volvo			
Round plug systems/ crimp-contacts (The complete tool consists of ejection tool with bush)		•	•			•	•			•	•	•	•		•	∅ 1,5	1501 + 1511	
		•	•			•	•			•	•	•	•		•	∅ 3,5	1502 + 1512	
												•	•	•	•	∅ 4 ABS	1503 + 1513, 1523	
		•				•	•									∅ 2,5	1504 + 1514	
			•			•	•	•								∅ 2,3	1505 + 1515	
													•	•		∅ 4	1506 + 1516	
Round plug systems/ soldered contacts			•	•	•											∅ 1,5 pin contact	1575	
						•										∅ 4	1584	
			•			•										∅ 2,5	1585	
Flat plug systems with 2 or more locking tongues Crimp contacts		•		•		•	•	•	•		•	•				2,8	1551	
		•	•	•			•	•	•		•	•				5,8	1552	
						•	•	•	•	•	•					1,6	1556	
						•					•					9,5 Maxi Power Timer-contacts	1559	
							•									2,8 Ducon	1565	
							•									1,5 Ducon	1566	
												•				VKR box contact	1577	
												•			•	MKR/MKS-contacts	1577-1	
		•				•										SLK-contacts (primary)	1578K-1	
		•				•										SLK-contacts 97 (primary+secondary)	1578K-2	
		•				•										LSK-contacts	1589K	
						•										1,65 E 95	1587	
		•	•	•		•	•	•	•	•	•	•	•	•	•	2,8/5,8 Junior Power Timer-contacts Standard Power Timer-contacts	1591	
	Flat plug systems with 2 locking tongues asymmetrical Crimp contacts											•					0,64 MQS asymmetrically	1556-1
											•	•				2,8	1557	
											•					4,8	1558	
Flat plug systems with 1 locking tongue Crimp contacts		•	•	•	•	•	•	•	•	•	•	•				2,8/5,8	1553	
		•						•	•	•						2,8	1554	
		•						•	•							5,8	1555	
		•	•	•	•	•	•	•	•	•	•	•	•	•	•	Several Pid-Pod	1562	
								•								0,8 Ducon	1563	
							•									1,5 Ducon	1564	
			•	•	•		•	•	•		•					1,6 Without box	1574	
												•				2,8	1576	



STAHLWILLE KABELEX® Protect For workshops and cable configuration

- bicoloured handle:
 - with locking blade cover, to protect the fine blade and guard against injury
 - easier to handle for fine and intricate work on miniature connectors
- releases cable connectors quickly and easily without cutting them off – saves time and money
- also available in carefully selected sets
- over 30 different cable extractors available
- blades made of extremely tough and durable chrome vanadium and special spring steel

1501-1506 Ejection tools KABELEX®

- for round snap-in receptacles, including dismantling sleeve



Code	No	for contact sizes Ø mm	△ g	📦
96 74 62 30	1501 + 1511 (e.g. BMW, Mercedes-Benz, Fiat, MAN, Opel, Porsche, Seat, Skoda, VW/Audi)	1.5	45	1
96 74 62 31	1502 + 1512 (e.g. BMW, Mercedes-Benz, Fiat, MAN, Opel, Porsche, Seat, Skoda, VW/Audi)	3.5	59	1
96 74 62 32	1503 + 1513 for ABS (lorries) please order corresponding assembly sleeve No 1523 (e.g. Mercedes-Benz, MAN, Scania) separately	4.0	79	1
96 74 62 33	1504 + 1514 (e.g. BMW, Mercedes-Benz, Opel)	2.5	60	1
96 74 62 34	1505 + 1515 (e.g. Ford, Opel, PSA, Renault)	2.3	46	1
96 74 62 35	1506 + 1516 (e.g. Mercedes-Benz trucks, MAN, Scania)	4.0	72	1

1511-1516 Dismantling sleeves KABELEX®



Code	No	for contact sizes Ø mm	L mm	inside Ø mm	outside Ø mm	△ g	📦
78 60 00 01	1511 for No 1501	1.5	30	2.9	3.3	1	10
78 60 00 02	1512 for No 1502	3.5	30	4.4	5.0	1	10
78 60 00 03	1513 for No 1503	4.0	45	6.0	6.5	2	10
78 60 00 04	1514 for No 1504	2.5	30	4.0	4.4	1	10
78 60 00 05	1515 for No 1505	2.3	35	3.0	3.3	8	10
78 60 00 06	1516 for No 1506 (for 4.0 mm MOLEX-contacts)	4.0	35	5.6	6.0	1	10

1523 Assembly sleeve KABELEX® ABS

- for No 1503



Code	for contact sizes Ø mm	L mm	inside Ø mm	outside Ø mm	△ g	📦
78 61 00 01	4.0	50	4.0	6.5	5	3

1551/1552 Cable extractor tools KABELEX®

- for flat snap-in receptacles, e.g. BMW, Ford, Opel, Porsche, Seat, Skoda, VW/Audi



Code	No	for contact sizes □ mm	△ g	📦
74 62 00 01	1551	2.8	19	1
74 64 00 02	1552	5.8	19	1

1553-1555 Cable extractor tools KABELEX®

- for flat plug-in sockets locked in terminals with single release channel



Code	No	for contact sizes □ mm	△ g	📦
74 62 00 03	1553 (e.g. BMW, Mercedes-Benz, Ford, MAN, Opel, Porsche, PSA, Renault, Seat, Skoda, VW/Audi)	2.8; 5.8	16	1
74 62 00 04	1554 (e.g. BMW, PSA, Renault)	2.8	16	1
74 62 00 05	1555 (e.g. BMW)	5.8	16	1

1556 Cable extractor tool KABELEX®

- for flat plug-in sockets, Micro Timer II, III contacts, e.g. Mercedes-Benz, Opel, Porsche, PSA, Renault, Saab, Seat, Skoda, VW/Audi



Code	for contact sizes □ mm	△ g	📦
74 62 00 06	1.6	17	1

Special automotive tools

1556-1 Cable extractor tool KABELEX®

- for flat plug-in sockets with asymmetrically positioned latches in terminals with two release channels, Seat, Skoda, VW/Audi



Code	for contact sizes □ mm	 g	
74612006	0.64	19	1

1557/1558 Cable extractor tools KABELEX®

- for flat plug-in sockets with asymmetrically positioned latches in terminals with two release channels, Seat, Skoda, VW/Audi



Code	No	for contact sizes □ mm	 g	
74620007	1557	2.8	21	1
74620008	1558	4.8	22	1

1559 Cable extractor tool KABELEX®

- for flat plug-in sockets, Maxi Power Timer contacts, Mercedes-Benz, VW/Audi



Code	for contact sizes □ mm	 g	
74620009	9.5	39	1

1562 Cable extractor tool KABELEX®

- for flat plug-in sockets, Pit-Pod contacts, all vehicle makes



Code	for contact sizes □ mm	 g	
74620012	diverse	25	1

1574 Cable extractor tool KABELEX®

- for flat plug-in sockets, Micro-Timer I contacts and ABS plug-in housing, Fiat, Ford, Mazda, Opel, PSA, Renault, Saab, VW/Audi



Code	for contact sizes □ mm	 g	
74620024	1.6	15	1

1575 Cable extractor tool KABELEX®

- for round soldered pin contacts, Ford, for flat plug-in sockets (retention by locking device on terminal), Fiat, Mazda, Toyota



Code	for contact sizes ∅ mm	for contact sizes □ mm	 g	
74620025	1.5	2.8; 5.8	15	1

1576 Cable extractor tool KABELEX®

- for flat plug-in sockets with single latch (flat plug without box), e.g. MAN



Code	for contact sizes □ mm	 g	
74620026	2.8	18	1

1577 Cable extractor tool KABELEX®

- for flat plug-in sockets, VKR Box contacts, e.g. MAN



Code	 g	
74620027	49	1

1577-1 Cable extractor tool KABELEX®

- for flat plug-in sockets, MKR/MKS contacts, e.g. MAN/Volvo



Code	for contact sizes □ mm	 g	
74615027	1.5	23	1

1578K-1 Cable extractor tool KABELEX®

- for flat plug-in sockets, SLK contacts (primary), e.g. BMW, Mercedes-Benz



Code	for contact sizes □ mm	 g	
74610028	2.8	35	1

1578K-2 Cable extractor tool KABELEX®

- for flat plug-in sockets, SLK contacts 97 (primary, secondary), e.g. BMW, Mercedes-Benz



Code	for contact sizes □ mm	 g	
74612028	2.8	35	1

1584/1585 Cable extractor tools KABELEX®

- for round soldered contacts, Mercedes-Benz



Code	No	for contact sizes ∅ mm	 g	
74620034	1584	4.0	13	1
74620035	1585	2.5	11	1

1587 Cable extractor tool KABELEX®

- for flat plug-in sockets, E-95 contacts, Mercedes-Benz



Code	for contact sizes □ mm	△ g	□
74620037	1.65	23	1

1589K Cable extractor tool KABELEX®

- for flat plug-in sockets, LSK contacts, e.g. BMW, Mercedes-Benz



Code	for contact sizes □ mm	△ g	□
74610039	8	45	1

1700 MAN/Volvo Tool set KABELEX®

- for MAN/Volvo, Mercedes-Benz trucks

Content 14 pieces:

No 1501, 1502, 1503, 1506: ejection tools for contact sizes $\varnothing$ 1.5; 3.5; 4.0 (ABS) and 4.0 mm

No 1511, 1512, 1513, 1516: dismantling sleeves for contact sizes $\varnothing$ 1.5; 3.5; 4.0 (ABS) and 4.0 mm

No 1523: assembly sleeve (ABS)

No 1553, 1591: cable extractor tools for contact sizes □ 2.8 and 5.8 mm

No 1576: cable extractor tool for flat plugs without box □ 2.8 mm

No 1577: cable extractor tool for VKR Box contacts □

No 1577-1: cable extractor tools for MKR/MKS contacts □ 1.5 mm



Code	△ g	□
96747208	1300	1

1560 Tool set KABELEX®

- for round plug connections (incl. ABS)

Content 10 pieces:

1 each No 1501: ejection tool for contact sizes $\varnothing$ 1.5 mm

1 each No 1502: ejection tool for contact sizes $\varnothing$ 3.5 mm

1 each No 1503: ejection tool for contact sizes $\varnothing$ 4.0 mm assembly or dismantling sleeve (ABS)

2 each No 1511: dismantling sleeves for contact sizes $\varnothing$ 1.5 mm (1 each mounted)

2 each No 1512: dismantling sleeves for contact sizes $\varnothing$ 3.5 mm (1 each mounted)

2 each No 1513: dismantling sleeves for contact sizes $\varnothing$ 4.0 mm (1 each mounted)

1 each No 1523: assembly sleeve (ABS)



Code	△ g	□
96747201	560	1

1591 Cable extractor tool KABELEX®

- for flat plug-in sockets in terminals with two release channels, Junior Power Timer contacts, Standard Power Timer contacts, e.g. BMW, Mercedes-Benz, Fiat, Ford, MAN, Opel, PSA, Renault, Saab, VW/Audi



Code	for contact sizes □ mm	△ g	□
74620041	2.8; 5.8	25	1

1570/2 Universal set KABELEX®

Content 12 pieces:

No 1501, 1502, 1505: ejection tools for contact sizes $\varnothing$ 1.5; 3.5; 2.3 mm

No 1511, 1512, 1515: dismantling sleeves for contact sizes $\varnothing$ 1.5; 3.5; 2.3 mm

No 1553: cable extractor tool for plugs with one release channel □ 2.8 and 5.8 mm

No 1556: cable extractor tool for Micro-Timer II, III contacts □ 1.6 mm

No 1559: cable extractor tool for Maxi-Power Timer contacts □ 9.5 mm

No 1562: cable extractor tool for Pit-Pod contacts

No 1574: cable extractor tool for Micro-Timer I contacts and ABS plug-in housing □ 1.6 mm

No 1591: cable extractor tool for plugs with two release channels □ 2.8 and 5.8 mm



Code	△ g	□
96747304	1230	1

STHLWILLE KABELEX®.

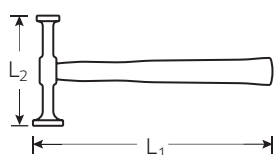
The specialists.



Efficiency in the workplace - when it pays to be competitive, removing cables on vehicles safely and quickly gives you that advantage. This is why STHLWILLE offers over 30 different cable removing tools for cars. The fine but highly resilient blades are made of chrome vanadium and special spring steel.

Car body repair tools and pullers

10775 Dinging hammer



Code	Ø mm	L ₁ mm	L ₂ mm	△ g	
70130002	30/40	300	155	516	2

10776 Special planishing hammer

- large extra thin faces
- square face chequered



Code	Ø mm	□ mm	L ₁ mm	L ₂ mm	△ g	
70130010	46	40	320	115	521	2

10780 Planishing hammer

- short



Code	Ø mm	□ mm	L ₁ mm	L ₂ mm	△ g	
70130003	32	25	300	100	346	2

10785 Planishing hammer

- short
- round face chequered



Code	Ø mm	□ mm	L ₁ mm	L ₂ mm	△ g	
70130004	40	35	300	96	484	2

10790 Pecking hammer

- with round face and ball pein



Code	Ø mm	L ₁ mm	L ₂ mm	△ g	
70130005	18/41	300	158	479	2

10795 Pecking hammer

- with round face and acorn shaped pein



Code	Ø mm	L ₁ mm	L ₂ mm	△ g	
70130006	20/41	300	160	461	2

10800 Pecking hammer

- short
- round flat face and pointed pein



Code	Ø mm	L ₁ mm	L ₂ mm	△ g	
70130007	35	300	135	357	2

10805 Pecking hammer

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



Code	Ø mm	L ₁ mm	L ₂ mm	△ g	
70130008	40	300	160	446	2

10806 Pecking hammer

- extra large thin face and pein



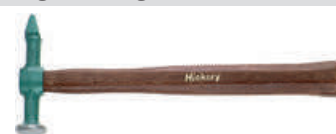
Code	Ø mm	L ₁ mm	L ₂ mm	△ g	
70130011	40	300	135	764	2

10811 Planishing and grooving hammer



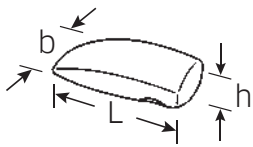
Code	Ø mm	□ mm	L ₁ mm	L ₂ mm	△ g	
70130012	30	36 x 10	320	160	545	2

10812 Planishing and grooving hammer



Code	Ø mm	□ mm	L ₁ mm	L ₂ mm	△ g	
70130013	30	25 x 5	300	115	344	2

10835 Wedge dolly



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

10841 Thin dolly



Code	L mm	b mm	h mm	⚖ g	📦
70210005	107	66	28	984	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	1110	1

10861 Toe dolly

- chequered surface



Code	L mm	b mm	h mm	⚖ g	📦
70210014	120	55	30	1033	1

10865 Heel dolly



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

10880 Bumping spoon



Code	L ₁ mm	L ₂ mm	⚖ g	📦
70220001	460	200	1866	1

L₁ = length overall, L₂ = working length

10885 Bumping spoon



Code	L mm	⚖ g	📦
70220002	500	2210	1

10890 Body spoon



Code	L ₁ mm	L ₂ mm	⚖ g	📦
70220003	270	130	552	1

L₁ = length overall, L₂ = working length

10895 Body spoon



Code	L ₁ mm	L ₂ mm	⚖ g	📦
70220004	390	200	1035	1

L₁ = length overall, L₂ = working length

10905 Body file holder

- with coarse blade



Code	L mm	b mm	h mm	⚖ g	📦
72160000	365	35	110	765	2

L = Length, b = Width, h = Height

Special automotive tools

11005 Pry bar

- head and point polished



Code	L mm	∅ mm	△ g	g	box
72090000	400	14	477	6	

11006 Lever bar

- special steel
- bright nickel-plated



Code	L mm	b mm	△ g	g	box
72090002	400	14	498	6	

11007 Lever bar

- special steel
- bright nickel-plated



Code	L mm	b mm	△ g	g	box
72090003	400	17	641	6	

10923 Body file holder

- from beech wood
- for flat blades



Code	L mm	△ g	g	box
72200002	530	302	1	

10906-10916 Spare blades for No 10905 and No 10923



Code	No	shape	teeth per inch	L mm	△ g	g	box
79060001	10906	fine, radial cut	15	350	321	10	
79060002	10907	medium, radial cut	12	350	286	10	
79060003	10908	coarse, radial cut	9	350	279	10	
79060012	10915	medium, angled cut	12	350	282	10	
79060013	10916	coarse, angled cut	9	350	252	10	

10922 Body file holder

- from beech wood
- for half round radius file blades



Code	L mm	△ g	g	box
72200001	530	255	1	

10921 File blade for No 10922

- coarse
- without swarf breaker
- half round
- radial cut



Code	teeth per inch	L mm	△ g	g	box
79060004	9	350	216	5	

12752 Tin snips

- lever action
- spring-assisted for self-opening action
- heavy duty cutting: sheet steel up to 1.8 mm or stainless steel sheet up to 1.2 mm



Code	shape	L mm	L "	△ g	g	box
75230001	L	260	10 1/2	532	1	
75230002	R	260	10 1/2	595	1	

L = left hand cutting
R = right hand cutting

12753 Tin snips

- lever action
- spring-assisted for self-opening action
- heavy duty cutting: sheet steel sheet up to 1.8 mm or stainless steel sheet up to 1.2 mm



Code	shape	L mm	L "	△ g	g	box
75240001	L	260	10 1/2	473	1	
75240002	R	260	10 1/2	473	1	

L = left hand cutting
R = right hand cutting

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	box
72260001	72	19	5	

12728 Replacement milling cutter



Code	L mm	△ g	g	box
79260001	13	4	10	

12729/12730 Spot weld drills

- for clean, burr-free removal of spot-weld
- self-cutting centre point avoids running off spot weld
- can be reground



Code	No	∅ mm	△ g	g	box
72270007	12729	7	18	5	
72270008	12730	8	30	5	

Tools for vehicle doors

12770 Lever bar

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



Code	L mm	 g	
74593101	260	168	5

12770/2 Lever bar

- for levering off fragile caps, decorative trim (strips and rings), switches, rubber or fabric trim without damaging them
- finely honed, rounded edges ensure the vehicle paintwork and surrounding materials are not damaged or scratched



Code	L mm	 g	
74593102	185	20	1

12770/3 Plastic lever bar

- for removing trim and rubbing strips of all kinds on bodywork and around windcreens, 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



Tools for fitting/removing vehicle glass

10352 Two double suction lifters

- suction cap $\varnothing$ 120 mm
- mechanical action with safety lock
- special ABS-plastic
- oil and acid resistant
- with belt slots in the handles
- carrying capacity 60 kg



Code	 g	
74280001	1405	1

10352/1 Double suction lifter

- suction cap $\varnothing$ 120 mm
- mechanical action with safety lock
- special ABS-plastic
- oil and acid resistant
- with belt slots in the handles
- carrying capacity 30 kg



Code	 g	
74280005	670	1

SD10351N Spare cutting wire

- steel wire $\varnothing$ 0.6 mm
- easy wire removal without the rest unrolling



Code	L m	 g	
79270011	50	170	1

10350N Windscreen replacement set VERITRAC

- Content 5 pieces:
- 1 guide handle; 1 draw handle;
 - 1 coil cutting wire (50 m);
 - 2 double suction lifters



Code	 g	
98742711	1760	1

10351/1 Draw handle

- for drawing cutting wire through adhesive seal



Code	 g	
74270001	90	1



Special automotive tools

10351N Windscreen removal set VERITRAC

- as 10350N, but without double suction lifters



Code	g	
96742711	458	1

10351/2 Guide handle

- for fixing and clamping cutting wire inside vehicle



Code	g	
74270002	195	1



10351/3 Guide handle

- for fixing and clamping cutting wire inside vehicle
- extra long extension makes it especially suited to recessed glass



Code	g	
74270006	190	1

1474/2 Wire insert awl

- for feeding or pulling cutting wire through hardened adhesive



Code	g	
78033102	69	1

12718 Flat scraper

- for removing residues of sealant and adhesive



Code	L mm	g	
72033101	265	164	5

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	85	1

10356R Spare blades

- 10 pieces



Code	g	
79270015	52	1

12749 Scraper with reversible tungsten steel blade

- for removing residues of adhesive and stickers from vehicle glass
- can also be used for scraping metal and seals



Code	L mm	g	
72313101	460	458	1

12749R Spare blade

- for scraper No 12749

Code	g	
79310001	19	1

10354 Tension strap with ratchet

- for clamping and fixing freshly fitted vehicle glass
- synthetic webbing



Code	Length mm	Width mm	lifting power daN	g	
74270003	4500	25	800	310	1

10355 Wire insert probe

- for threading cutting wire through hardened adhesive
- 2.5 mm steel tubing
- with brass handle



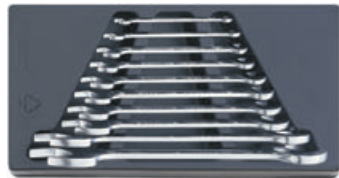
Code	g	
74270004	115	1

Workshop sets

806/10 Tool set

- 99 tools, in plastic inlays (modular system see page 46-56)
- 9x1/3 and 1x3/3 inlays for 4 drawers (No 98VA for 2 drawers)
- suitable for workbench No WB620,
tool trolleys No 90, 95, 95VA, 98VA,
magazine case No 920 and wheely box No 922N

Code	△ kg
98830001	13.8



96838126



96838127



96838128



96838110



96838112



96838113



96838121



96838123



96838125

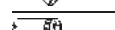


96838237

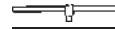
96838126	No	Content
	10	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22; 24 x 27; 30 x 32 mm

96838127	No	Content
	13	6; 7; 8; 9; 10; 11; 12; 13; 14; 15 mm

96838128	No	Content
	13	16; 17; 18; 19; 20; 21; 22; 24 mm

96838110	No	Content
	40	1/4" ○ 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
	400	1/4" ■ 150 mm
	404	1/4" ■ 116 mm
	405/2	1/4" ■ ○ 54 mm
	405/6	1/4" ■ ○ 150 mm
	407	1/4" ■ ○ 38 mm
	412	1/4" ○ ○
	415	1/4" ■
	10760CV	1.5; 2; 2.5; 3; 4; 5; 6; 8; 10; 12 mm

96838112	No	Content
	52	1/2" ○ 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm

96838113	No	Content
	506	1/2" ■ 300 mm
	509/2	1/2" ■ ○ 52 mm
	509/5	1/2" ■ ○ 130 mm
	509/10	1/2" ■ ○ 255 mm
	510	1/2" ■ ○ 71 mm
	512	1/2" ■

96838121	No	Content
	65015180	180 mm
	65295200	200 mm
	65434002	J2 180 mm
	65454002	A2 180 mm
	65516240	240 mm
	65642250	250 mm
	66025160	160 mm

96838123	No	Content
	102	175 mm
	108	150 x 6; 175 x 6 mm
	109	size 6; 100 x 3.4 mm

96838125	No	Content
	10956	∅ 35 mm
	10961	500 g

96838237	No	Content
	4620	size 1 (0.6 x 3.5 x 75 mm) size 2 (0.8 x 4.0 x 100 mm) size 3 (1.0 x 5.5 x 125 mm) size 4 (1.2 x 6.5 x 150 mm) size 5 (1.6 x 8.0 x 175 mm)
	4630	PH1; PH2; PH3

Special automotive tools

806/9 TCS TCS tool set

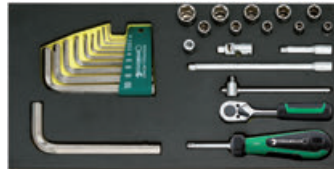
TCS

- 98 tools, in TCS inlays (Tool Control System see page 57-79)
- 7x1/3, 1x2/3 and 1x3/3 inlays for 4 drawers (No 98VA for 2 drawers)
- suitable for workbench No WB620, tool trolleys No 90, 95, 95VA, 98VA; magazine case No 920 and wheely box No 922N

Code	ΔΔ kg
98830004	13.2



96838175



96838176



96838177



96838278



96838179



96838180



96838181



96838183



96838182

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

	No	Content
	40	1/4" ○ 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
	400	1/4" ■ 150 mm
	404	1/4" ■ 116 mm
	405/2	1/4" ■ ○ 54 mm
	405/6	1/4" ■ ○ 150 mm

	No	Content
	407	1/4" ■ ○ 38 mm
	412	1/4" ○ ○
	415	1/4" ■
	10760CV	1.5; 2; 2.5; 3; 4; 5; 6; 8; 10; 12 mm

	No	Content
	52	1/2" ○ 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm

	No	Content
	4620	size 1 (0.6 x 3.5 x 75 mm) size 2 (0.8 x 4.0 x 100 mm) size 3 (1.0 x 5.5 x 125 mm) size 4 (1.2 x 6.5 x 150 mm)
	4630	PH1; PH2; PH3

	No	Content
	65015180	180 mm
	65295200	200 mm
	65516240	240 mm
	66025160	160 mm

	No	Content
	65434002	J2 180 mm
	65454002	A2 180 mm
	65642250	250 mm

	No	Content
	102	175 mm
	108	150 x 6; 175 x 6 mm
	109	size 6 (100 x 3.4 mm)
	10956	∅ 35 mm
	10961	500 g

	No	Content
	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 mm

	No	Content
	13	6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24 mm

2500 TCS

Workshop set for BMW vehicles



- 283 tools, in TCS inlays (Tool Control System see page 57-79)
- 7x1/3, 1x2/3 and 4x3/3 inlays for 7 drawers
(No 98VA for 3.5 drawers)

Code	 kg
97830600	27



96838192



96830679



96830605



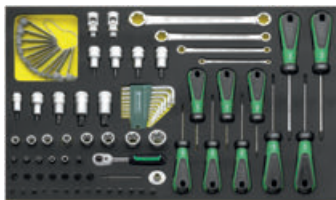
96830602



96830603



96838177



96830607



96830706



96830608



96830622



96830604



96830609

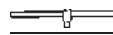
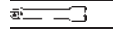
96838192	No	Content
	20	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 21; 19 x 22 mm

96830679	No	Content
	40	1/4"  3; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm

96830679	No	Content
	40L	1/4"  4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13 mm
	41K	1/4"   0.6 x 3.5; 1.0 x 5.5; 1.2 x 8 mm
	44K	1/4"   3; 4; 5; 6; 8 mm
	44P	1/4"   PH1; PH2; PH3; PH4
	400	1/4"  150 mm
	404	1/4"  116 mm
	405/2	1/4"   54 mm
	405/4	1/4"   100 mm
	405/6	1/4"   150 mm
	407	1/4"   38 mm
	409	3/8"  1/4" 
	412	1/4"  
	415	1/4" 
	736/40	5/16"   D8
	1435	size T55

96830605	No	Content
	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; 21 x 24 mm
	13	6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24; 27; 30; 32 mm
	24	10 x 11 mm

96830602	No	Content
	46	3/8"  10; 11; 12; 13 mm
	47	3/8"   10; 11; 12; 13; 14; 15; 16 mm
	1049	3/8"  9 mm
	49X	3/8"  sizes M6; M8; M10
	427/3	3/8"   76 mm
	427/5	3/8"   125 mm
	427/10	3/8"   240 mm
	428	3/8"   46 mm
	431	1/4"  3/8" 
	432	1/2"  3/8" 
	435	3/8" 
	452QR	3/8" 
	456	3/8"  7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22 mm

96830603	No	Content
	506	1/2"  300 mm
	509/2	1/2"   52 mm
	509/5	1/2"   130 mm
	509/10	1/2"   255 mm (2x)
	510	1/2"   71 mm
	512	1/2" 
	513	3/8"  1/2" 
	514	3/4"  1/2" 

96838177	No	Content
	52	1/2"  10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm

96830607	No	Content
	21TX	sizes E6 x E8; E10 x E12; E14 x E18; E20 x E24
	40TX	1/4"  sizes E4; E5; E6; E7; E8

Continuation see next page

Special automotive tools

96830607	No	Content
	44KTXB	1/4"  sizes T10; T15; T20; T25; T27; T30; T40
	409M	3/8"  1/4" 
	415B	1/4" 
	3115/1	1/4"  
	45TX	3/8"  sizes E10; E12; E14
	47TX	3/8"  sizes E8; E10
	49TX	3/8"  size T40
	50TX	1/2"  sizes E11; E16; E18; E20; E24
	54TX	1/2"  sizes T45; T50; T55; T60
	54TXB	1/2"  sizes T30; T40; T45; T50
	PZ 1221	PZ1
	PZ 1222	PZ2
	PZ 1223	PZ3
	1410	size T6
	1411	size T7
	1412	size T8
	1413	size T9
	1427	size T25 (65 mm)
	1440	size T10
	1441	size T15
	1442	size T20
	1443	size T25
	1444	size T27
	1445	size T30
	1446	size T40
	4856	sizes T6; T7; T8; T9; T10; T15; T20; T25; T27; T30
	10766/9	sizes T8; T9; T10; T15; T20; T25; T27; T30; T40
		TORX® controller

96830706	No	Content
	4628	size 1 (0.4 x 2.5 x 60 mm)
	4724	size 2 (1.0 x 5.5 x 25 mm)
	4734	PH2
	4744	PZ1
	4820	size 0.6 x 3.5 x 75 mm size 0.8 x 4.0 x 100 mm size 1.2 x 6.5 x 150 mm size 1.6 x 10.0 x 200 mm size 2.0 x 12.0 x 250 mm
	4830	PH1; PH2; PH3
	4840	PZ1
	7756	
	10767/9	1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
	12922E	∅ 6 mm

96830608	No	Content
	65 43 4002	J2 180 mm
	65 44 4021	J21 170 mm
	65 45 4002	A2 180 mm
	65 46 4021	A21 170 mm

96830622	No	Content
	65 01 5180	180 mm
	65 29 5200	200 mm
	65 72 6240	240 mm
	66 02 5160	160 mm

96830604	No	Content
	49	3/8"  5; 6; 7 mm
	54	1/2"  8; 10; 12; 14; 17 mm
	2309K	1/2"  17; 19 mm
	12506	6; 7 mm

96830609	No	Content
	102	200 mm
	103	150 mm
	105	120 x 10 mm
	108	150 x 3; 150 x 4; 150 x 5; 150 x 6; 150 x 8 mm
	10959	∅ 40 mm
	10961	500 g
	12373	
	12600	500 g
	12718	
	12935/3	3 m
	39Pkw	400 mm
	65 64 22 50	250 mm

2501N TCS Workshop set for BMW motorbikes



- 215 tools, in TCS inlays (Tool Control System see page 57-79)
- 2x1/3, 2x2/3 and 5x3/3 inlays for 7 drawers (No 98VA for 3.5 drawers)

Code	kg
97830606	24.5



96832096



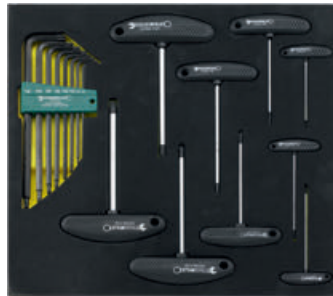
96832095



96832097



96832098



96832099



96832100



96832102

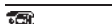
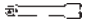
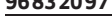


96832101

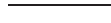


96830622

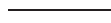
96832096	No	Content
	13	5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 27; 29. 30; 32; 34 mm

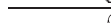
96832095	No	Content
	40	1/4"  4; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13 mm
	40TX	1/4"  sizes E8; E10
	44K	1/4"   3; 4; 5; 6; 8 mm
	44KTXB	1/4"  sizes T8; T10; T15; T20; T25; T27; T30; T40
	400	1/4"  150 mm
	404	1/4"  116 mm
	405/2	1/4"   54 mm
	405/4	1/4"   100 mm
	407	1/4"   38 mm
	412	1/4"  
	415	1/4" 
	45TX	3/8"  sizes E8; E10; E12; E14
	49	3/8"  5; 6; 8 mm
	49TX	3/8"  sizes T25; T45
	425	3/8"  165 mm
	427/3	3/8"   76 mm
	427/10	3/8"   240 mm
	428	3/8"   46 mm
	431	1/4"   3/8" 
	432	1/2"   3/8" 
	435	3/8" 
	456	3/8"  8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22 mm
	52	1/2"  10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24; 27; 30; 32; 34 mm
	54	1/2"  10; 12 mm
	54TX	1/2"  sizes T40; T50; T55; T60
	506	1/2"  300 mm
	509/5	1/2"   130 mm
	509/10	1/2"   255 mm
	510	1/2"   71 mm
	512	1/2" 
	513	3/8"   1/2" 
	1054TX 2054TX	1/2"  sizes T50; T55 1/2"  sizes T40; T45

96832097	No	Content
	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; 21 x 24 mm
	21TX	sizes E6 x E8; E10 x E12

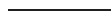
96832098	No	Content
	4621	size 0 (0.4 x 2.5 x 80 mm) size 1 (0.5 x 3.5 x 90 mm) size 2 (0.6 x 4.0 x 100 mm) size 4 (1.0 x 6.5 x 140 mm) size 5 (1.2 x 8.0 x 160 mm)
	4631	PH1; PH2
	4632	PH1; PH2; PH3
	4724	size 2 (1.0 x 5.5 x 25 mm)
	4734	PH2
	10506	0.8 x 4.0 x 300 mm
	10518	1.0 x 5.5 x 410 mm
	12600	500 g
	12922E	∅ 6 mm

96832099	No	Content
	10769	sizes T9; T10; T15; T20; T25; T30; T40; T45; T50
	10771/8	sizes T9; T10; T15; T20; T25; T27; T30; T40

96832100	No	Content
	65345280	280 mm
	65355200	200 mm
	65434001	J1 140 mm
	65434002	J2 180 mm
	65454001	A1 140 mm
	65454002	A2 180 mm

96832102	No	Content
	46	3/8"  20.8 mm-13/16"
	4600	3/8"  16 mm-5/8"
	4606	3/8"  18 mm-11/16"
	10767/9	1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
	10768	2.5; 3; 4; 5; 6; 8; 10 mm
	12507-2K	8; 10 mm

96832101	No	Content
	102	150 mm
	103	150 mm
	105	120 x 10 mm
	108	150 x 2.5; 150 x 3; 150 x 4; 150 x 5; 150 x 6; 150 x 8 mm
	10356	
	10670	285 mm
	10672	20 x 315 mm
	10959	∅ 40 mm
	10961	300; 500 g
	12374	
	12900N	
	12965N	

96830622	No	Content
	65015180	180 mm
	65295200	200 mm
	65726240	240 mm
	66025160	160 mm

Special automotive tools

2502 TCS

Workshop set for BMW motorbikes

- entry-level set
- 139 tools, in TCS inlays (Tool Control System see page 57-79)
- 3x3/3, 1x1/3 inlays for 4 drawers (No 98VA for 2 drawers)

Code	kg
97830607	12.4



96830180



96830181



96830182



96833414

96830180	No	Content
	40	1/4" ○ 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13 mm
	400	1/4" ■ 150 mm
	405/2	1/4" ■ ○ 54 mm
	405/6	1/4" ■ ○ 150 mm
	407	1/4" ■ ○ 38 mm
	409	3/8" ■ 1/4" ○
	410	1/4" ○, 1/2" ■, 28 mm
	412	1/4" ○ ○
	415	1/4" ■
	431	1/4" ■ 3/8" ○
	432	1/2" ■ 3/8" ○
	52	1/2" ○ 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
	509/3	1/2" ■ ○ 75 mm
	509/5	1/2" ■ ○ 130 mm
	509/10	1/2" ■ ○ 255 mm
	510	1/2" ■ ○ 71 mm
	513	3/8" ■ 1/2" ○
	514	3/4" ■ 1/2" ○
	1204/21-1	4 x ⊕; 4 x ⊕; 9 x ⊕; 3 x ○
	65015180	180 mm
	65295200	200 mm
	65516240	240 mm
	66025160	160 mm

96830181	No	Content
	4620	size 1 (0.6 x 3.5 x 75 mm) size 2 (0.8 x 4.0 x 100 mm) size 3 (1.0 x 5.5 x 125 mm) size 4 (1.2 x 6.5 x 150 mm) size 5 (1.6 x 8.0 x 175 mm)
	4628	size 1 (0.4 x 2.5 x 60 mm)
	4630	PH1; PH2; PH3
	4734	PH2

96830181	No	Content
	10767/9	1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
	10771/8	sizes T9; T10; T15; T20; T25; T27; T30; T40
	12800	

96830182	No	Content
	13	6; 7; 8; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 22; 24 mm
	17	8; 10; 13; 17; 19 mm
	105-8/6 K	No 105/120 x 10 mm No 108/150 x 2.5; 150 x 3; 150 x 4; 150 x 5; 150 x 6 mm
	10961	300 g
	12320	
	12935/3	3 m

96833414	No	Content
	1054	1/2" ○ 8; 10 mm
	2054	1/2" ○ 5; 6 mm
	1054TX	1/2" ○ sizes T30; T50
	2054TX	1/2" ○ sizes T40; T45

Tool Trolley 95VA.

Good is now better.



STAHLWILLE's Tool Trolley 95VA is equipped with a three-stage safety system - to ensure maximum safety.

3026 TCS Tool set for Mercedes-Benz cars

- 306 tools, in TCS inlays (Tool Control System see page 57-79)
- 4x1/3, 1x2/3 and 7x3/3 inlays for 9 drawers (No 98VA for 4.5 drawers)

Code	△ kg
97830208	36.4



96830166



96830353



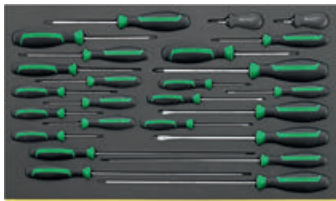
96830608



96831609



96833415



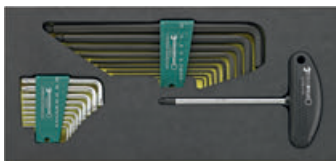
96833416



96833417



96833418



96833419



96833420



96833442



96833460

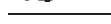
96830166	No	Content
	20	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 21; 19 x 22; 24 x 27; 30 x 32 mm

96830353	No	Content
	10	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 21; 19 x 22; 24 x 27; 30 x 32 mm

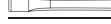
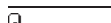
96830608	No	Content
	65 43 4002	J2 180 mm
	65 44 4021	J21 170 mm
	65 45 4002	A2 180 mm
	65 46 4021	A21 170 mm

96831609	No	Content
	17	8; 10; 12; 13; 17; 19 mm

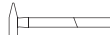
96833415	No	Content
	12506	6; 7; 8 mm
	12507-2K	8; 10; 13 mm
	65 01 5180	180 mm
	65 29 5145	140 mm
	65 51 6240	240 mm
	66 00 5145	140 mm
	66 02 5180	180 mm
	66 02 5200	200 mm

96833416	No	Content
	4620	size 1 (0.6 x 3.5 x 75 mm) size 2 (0.8 x 4.0 x 100 mm) size 4 (1.2 x 6.5 x 150 mm)
	4621	size 1 (0.5 x 3.5 x 90 mm) size 5 (1.2 x 8.0 x 160 mm)
	4628	size 1 (0.4 x 2.5 x 60 mm)
	4630	PH1; PH2; PH3
	4650	sizes T6; T7; T8; T10; T15; T20; T25; T27; T30
	4650L	sizes T15; T20; T25; T30
	4724	size 2 (1.0 x 5.5 x 25 mm)
	4734	PH2

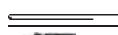
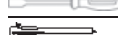
96833417	No	Content
	13	6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 19; 21; 22; 24; 27; 30; 32 mm
	21TX	sizes E6 x E8; E10 x E12; E14 x E18; E20 x E24
	24	10 x 11 mm

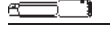
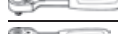
96833418	No	Content
	39Pkw	400 mm
	102	150 mm; 200 mm
	105	120 x 10 mm
	108	150 x 3; 150 x 4; 150 x 5; 150 x 6; 150 x 8 mm
	10959	Ø 35 mm

Special automotive tools

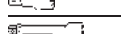
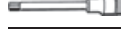
96833418	No	Content
	10961	500 g
	11006	400 mm
	12600	3000 g

96833419	No	Content
	10766/9	sizes T8; T9; T10; T15; T20; T25; T27; T30; T40
	10767H/9	1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
	10769	size T45

96833420	No	Content
	50D IMP	1/2" ○ 32; 36 mm
	2309K	1/2" ○ 17; 19 mm
	59X	3/4" ○ M18
	556	3/4" ■ 320 mm
	558	510 mm
	11095/20	20 blades, 0.05 - 1.00 mm
	12374	
	12718	
	12900N	150 mm/6"
	12900/3	
	12935/3	3 m
	65 64 22 50	250 mm

96833442	No	Content
	40	1/4" ○ 4; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
	40TX	1/4" ○ sizes E4; E5; E6; E7; E8
	41K	1/4" ○, ⊖ 0.6 x 3.5; 1.0 x 5.5; 1.2 x 8 mm
	44K	1/4" ○, ● 3; 4; 5; 6; 8 mm
	44P	1/4" ○, ⊕ PH1; PH2
	44PZ	1/4" ○, ⊕ PZ1; PZ2
	400	1/4" ■ 150 mm
	404	1/4" ■ 116 mm
	405/2	1/4" ■ ○ 54 mm
	405/6	1/4" ■ ○ 150 mm
	407	1/4" ■ ○ 38 mm
	409	3/8" ■ 1/4" ○
	412	1/4" ○ ○
	415	1/4" ■
	415B	1/4" ○
	45TX	3/8" ○ sizes E10; E12; E14
	46	3/8" ○ 10; 11; 12; 13; 14; 15; 16; 17; 18; 19 mm
	47	3/8" ○ 10; 11; 12; 13; 14; 15; 16; 17; 18; 19 mm
	49TX	3/8" ○ sizes T40; T45
	427/3	3/8" ■ ○ 76 mm
	427/6	3/8" ■ ○ 160 mm
	427/10	3/8" ■ ○ 240 mm
	428	3/8" ■ ○ 46 mm
	431	1/4" ■ 3/8" ○
	432	1/2" ■ 3/8" ○
	435	3/8" ■
	442	1/4" ○ 3/8" ○

96833442	No	Content
	456	3/8" ○ 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22 mm
	736/10 736/10-1	1/4" ○, ■ D 6.3 5/16" ○, ■ D 8
	PZ 1221 PZ 1222	1/4" ● ⊕ PZ1 1/4" ● ⊕ PZ2
	1410 1411 1412 1413 1427	size T6 size T7 size T8 size T9 size T25 (65 mm)
	1440 1441 1442 1443 1444 1445 1446	size T10 size T15 size T20 size T25 size T27 size T30 size T40
	1350 1356 1357 1358 1359	M4 M5 M6 M8 M10

96833460	No	Content
	50	1/2" ○ 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 26; 27; 28; 30; 32; 34 mm
	50TX	1/2" ○ sizes E11; E16; E18; E20; E24
	54	1/2" ○ 5; 6; 7; 8; 10; 12; 14; 17; 19 mm
	54KK	1/2" ○ 6; 7; 8; 10 mm
	54TX	1/2" ○ sizes T50; T55; T60
	54X	1/2" ○ sizes M8; M10; M12; M14; M16
	506	1/2" ■ 300 mm
	509/5	1/2" ■ ○ 130 mm
	509W/2	1/2" ■ ○ 52 mm
	509W/5	1/2" ■ ○ 130 mm
	509W/10	1/2" ■ ○ 255 mm
	509QR/2	1/2" ■ ○ 52 mm
	509QR/5	1/2" ■ ○ 130 mm (2x)
	510	1/2" ■ ○ 71 mm
	512	1/2" ■
	513	3/8" ■ 1/2" ○
	514	3/4" ■ 1/2" ○
	2054X	1/2" ○ sizes M8; M10
	3054X	1/2" ○ sizes M12; M14

3022 TCS

Tool set for Mercedes-Benz HGVs

- 264 tools, in TCS inlays (Tool Control System see page 57-79)
- 3x1/3, 1x2/3 and 8x3/3 inlays for 10 drawers
(No 98VA for 5 drawers)

Code	△ kg
97830209	47.8



96830172



96830174



96830221



96830608



96830622



96833399



96833400



96833401



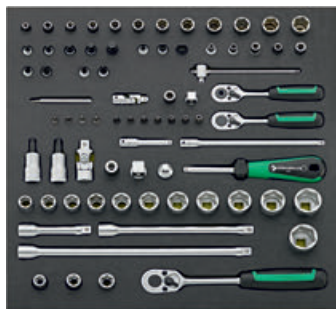
96833402



96833403



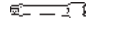
96833404



96833413

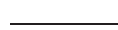
96830172	No	Content
	51IMP	1/2" ○ 24; 27 mm
	54	1/2" ○ 5; 6; 7; 8; 10; 12; 14; 17; 19 mm
	2309 2309K	1/2" ○ 22 mm 1/2" ○ 17; 19 mm

96830174	No	Content
	13	6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24; 27; 30; 32; 34 mm

96830221	No	Content
	55	3/4" ○ 22; 24; 27; 30; 32; 34; 36; 38; 41; 46; 50 mm
	552	3/4" ■
	556	3/4" ■
	558	510 mm
	559/8 559/16	3/4" ■ ○ 200 mm 3/4" ■ ○ 400 mm
	568	1/2" ■ 3/4" ○

96830608	No	Content
	65 43 4002	J2 180 mm
	65 44 4021	J21 170 mm
	65 45 4002	A2 180 mm
	65 46 4021	A21 170 mm

96830622	No	Content
	65 01 5180	180 mm
	65 29 5200	200 mm
	65 72 6240	240 mm
	66 02 5160	160 mm

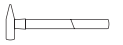
96833399	No	Content
	4620	size 1 (0.6 x 3.5 x 75 mm) size 2 (0.8 x 4.0 x 100 mm) size 4 (1.2 x 6.5 x 150 mm)
	4621	size 1 (0.5 x 3.5 x 90 mm) size 5 (1.2 x 8.0 x 160 mm)
	4630 4640	PH1; PH2; PH3 PZ1; PZ2
	4650	sizes T6; T7; T8; T9; T10; T15; T20; T25; T27; T30
	4724	size 2 (1.0 x 5.5 x 25 mm)
	4734	PH2

96833400	No	Content
	20	16 x 17; 18 x 19; 20 x 22; 21 x 23; 24 x 26; 25 x 28; 27 x 32; 30 x 32; 36 x 41 mm

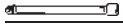
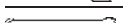
96833401	No	Content
	10	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 21; 19 x 22; 24 x 27; 30 x 32; 34 x 36; 36 x 41 mm
	20	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15 mm
	21TX	E6 x E8; E10 x E12; E14 x E18; E20 x E24 mm

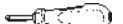
Continuation see next page

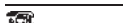
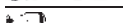
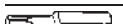
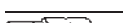
Special automotive tools

96833402	No	Content
	102	150; 200 mm
	105	120 x 12 mm
	108	150 x 3; 150 x 4; 150 x 5; 150 x 6; 150 x 8 mm
	10959	∅ 50 mm
	10961	500; 1000 g
	12374	
	12600	3000 g

96833403	No	Content
	10669	
	10767/9	1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
	10771/8	sizes T9; T10; T15; T20; T25; T27; T30; T40
	12025	210 mm
	12030	260 mm
	12035	210 mm
	12036	260 mm
	12718	
	12900N	150 mm/6"
	12900/3	
	12935/3	3 m

96833404	No	Content
	50	1/2" ∅ 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 26; 27; 28; 30; 32; 34 mm
	50TX	1/2" ∅ sizes E11; E16; E18; E20; E24
	54TX	1/2" ∅ sizes T50; T55; T60
	54X	1/2" ∅ sizes M6; M8; M10; M12; M14; M16
	504/15	1/2" ■ 397 mm
	506	1/2" ■ 300 mm
	509/2	1/2" ■ ∅ 52 mm
	509/5	1/2" ■ ∅ 130 mm
	509/10	1/2" ■ ∅ 255 mm
	509W/2	1/2" ■ ∅ 52 mm
	509W/5	1/2" ■ ∅ 130 mm
	509W/10	1/2" ■ ∅ 255 mm
	510	1/2" ■ ∅ 71 mm
	512	1/2" ■
	513	3/8" ■ 1/2" ∅
	514	3/4" ■ 1/2" ∅

96833413	No	Content
	40	1/4" ∅ 4; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14
	40TX	1/4" ∅ sizes E4; E5; E6; E7; E8
	41K	1/4" ∅ ⊖ 0.6 x 3.5; 1.0 x 5.5; 1.2 x 8 mm
	44K	1/4" ∅ ● 3; 4; 5; 6; 8
	44P	1/4" ∅ ⊕ PH1, PH2
	44PZ	1/4" ∅ ⊕ PZ1; PZ2
	400	1/4" ■ 150 mm
	404	1/4" ■ 116 mm
	405/2	1/4" ■ ∅ 54 mm
	405/6	1/4" ■ ∅ 150 mm
	407	1/4" ■ ∅ 38 mm

96833413	No	Content
	409	3/8" ■ 1/4" ∅
	412	1/4" ∅ ∅
	415	1/4" ■
	415B	1/4" ■
	45TX	3/8" ∅ E10; E12; E14
	49TX	3/8" ∅ T40; T45
	427/3	3/8" ■ ∅ 76 mm
	427/6	3/8" ■ ∅ 160 mm
	427/10	3/8" ■ ∅ 240 mm
	428	3/8" ■ ∅ 46 mm
	431	1/4" ■ 3/8" ∅
	432	1/2" ■ 3/8" ∅
	435	3/8" ■
	442	1/4" ∅ 3/8" ∅
	456	3/8" ∅ 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22 mm
	1410	T6
	1411	T7
	1412	T8
	1413	T9
	1427	T25
	1440	T10
	1441	T15
	1442	T20
	1443	T25
	1444	T27
	1445	T30
	1446	T40

1100 TCS Tool set for Porsche

TCS

- 228 tools, in TCS inlays (Tool Control System see page 57-79)
- 1x1/3, 1x2/3 and 5x3/3 inlays for 6 drawers (No 98VA for 3 drawers)

Code	kg
97830411	24.7



96830192



96830193



96830194



96830195



96831196



96830198



96830197

96830192	No	Content
	40	1/4" ○ 3.5; 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13 mm
	40TX	1/4" ○ sizes E4; E5; E6; E7; E8
	44	1/4" ○ 3; 4; 5; 6 mm
	400	1/4" ■ 150 mm
	404	1/4" ■ 116 mm
	405/6	1/4" ■ ○ 150 mm
	407	1/4" ■ ○ 38 mm
	409M	3/8" ■ 1/4" ○
	415	1/4" ■
	415SGB N	1/4" ○
	45	3/8" ○ 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19 mm
	45TX	3/8" ○ E10; E12; E14
	46	3/8" ○ 20.8 mm-13/16"
	49	3/8" ○ 4; 5; 6; 7; 8; 10 mm
	425	3/8" ■ 165 mm
	427/3	3/8" ■ ○ 76 mm
	427/10	3/8" ■ ○ 240 mm
	428	3/8" ■ ○ 46 mm

96830192	No	Content
	432M	1/2" ■ 3/8" ○
	435	3/8" ■
	50	1/2" ○ 19; 21; 22; 24; 27; 30; 32 mm
	50TX	1/2" ○ sizes E11; E16; E18; E20; E24
	52	1/2" ○ 16; 17; 18; 19; 22; 24; 27; 30; 32 mm
	54	1/2" ○ 6; 7; 8; 10 mm
	54TX	1/2" ○ sizes T45; T50; T55; T60
	54X	1/2" ○ sizes M6; M8; M12; M14
	506	1/2" ■ 300 mm
	509/5	1/2" ■ ○ 130 mm
	509/10	1/2" ■ ○ 255 mm
	510	1/2" ■ ○ 71 mm
	512	1/2" ■
	514M	3/4" ■ 1/2" ○
	1410	size T6
	1411	size T7
	1412	size T8
	1413	size T9
	1440	size T10
	1441	size T15
	1442	size T20
	1443	size T25
	1444	size T27
	1445	size T30
	1446	size T40
	1427	size T25 (65 mm)

96830193	No	Content
	12	5.5; 12; 14 mm (2x)
	13	7; 11 mm (2x); 6; 8; 9; 10; 12; 13; 14; 15; 16; 17; 18; 19; 20; 22; 24; 30; 32; 36 mm (1x)
	14	17 mm

96830194	No	Content
	20	10 x 11; 12 x 13; 14 x 15; 17 x 19; 19 x 22 mm
	21TX	sizes E6 x E8; E10 x E12; E14 x E18; E20 x E24
	23	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 23; 24 x 27; 30 x 32 mm
	24	8 x 10; 11 x 13; 12 x 14; 17 x 19; 22 x 24 mm

96830195	No	Content
	29	8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22 mm

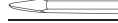
96831196	No	Content
	4622	size 1 (1.0 x 5.5 x 100 mm) size 2 (1.2 x 6.5 x 125 mm) size 4 (1.6 x 10.0 x 175 mm) size 5 (2.0 x 12.0 x 200 mm)
	4630	PH1
	4632	PH3
	4650	sizes T6; T7; T8; T9; T10; T15; T20; T25; T27; T30
	4724	size 2 (1.0 x 5.5 x 25 mm)
	4734	PH2
	10760CV/9	1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

Continuation see next page

Special automotive tools

96831196	No	Content
	10766/9	sizes T8; T9; T10; T15; T20; T25; T27; T30; T40

96830197	No	Content
	65016180	180 mm
	65434002	J2 180 mm
	65454002	A2 180 mm
	65464021	A21 170 mm
	65516240	240 mm
	66026160	160 mm

96830198	No	Content
	100	150 mm
	103	150 mm
	104	120 x 4; 120 x 6 mm
	105	120 x 12 mm
	108	150 x 4 mm
	10670	265 mm
	10940	∅ 55 mm
	10955	∅ 35 mm
	10961	150 x 4 mm
	11095	∅ 35 mm
	12005	
	12036	260 mm
	12321	
	12905	
	12935/3	3 m

1120 TCS Workshop set for VW/Audi (basic)

- 241 tools, in TCS inlays (Tool Control System see page 57-79)
- 3x1/3, 3x2/3 and 4x3/3 inlays for 7 drawers (No 98VA for 4 drawers)

Code	kg
97830820	30.7



96831608



96831613



96831615



96831585



96831609



96830877



96831610



96830166

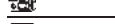
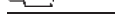
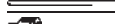


96831614



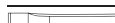
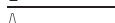
96831584

96831608	No	Content
	40	1/4" ∅ 4; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
	40TX	1/4" ∅ sizes E4; E5; E6; E8
	41K	1/4" ∅, ⊖ 1.0 x 5.5 mm
	44K	1/4" ∅, ● 3; 4; 5; 6 mm
	44KTX	1/4" ∅ sizes T10; T15; T20; T25; T27
	44P	1/4" ∅, ⊕ PH1; PH2
	400	1/4" ■ 150 mm
	405W/2 405W/4	1/4" ■ ∅ 100 mm

9683 1608	No	Content
	405W/6	1/4" ■ ○ 150 mm
	407	1/4" ■ ○ 38 mm
	409	3/8" ■ 1/4" ○
	412	1/4" ○ ○
	415	1/4" ■
	431	1/4" ■ 3/8" ○
	432	1/2" ■ 3/8" ○
	50	1/2" ○ 8; 9; 10; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24; 27; 30; 32 mm
	52	1/2" ○ 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
	54TX	1/2" ○ sizes T25; T27; T30; T40; T45; T50; T55; T60
	506	1/2" ■ 300 mm
	509W/2	1/2" ■ ○ 52 mm
	509W/5	1/2" ■ ○ 130 mm
	509W/10	1/2" ■ ○ 255 mm
	510	1/2" ■ ○ 71 mm
	512	1/2" ■
	513	3/8" ■ 1/2" ○
	514	3/4" ■ 1/2" ○
	556	3/4" ■ 320 mm
	558	510 mm
	568	1/2" ■ 3/4" ○
	1410	size T6
	1411	size T7
	1412	size T8
	1413	size T9

9683 1613	No	Content
	4620	size 1 (0.6 x 3.5 x 75 mm) size 2 (0.8 x 4.0 x 100 mm) size 3 (1.0 x 5.5 x 125 mm) size 4 (1.2 x 6.5 x 150 mm) size 5 (1.6 x 8.0 x 175 mm) size 6 (1.6 x 10.0 x 200 mm) size 7 (2.0 x 12.0 x 200 mm)
	4622SK	size 1 (0.8 x 4.0 x 90 mm) size 2 (1.0 x 5.5 x 100 mm) size 3 (1.2 x 6.5 x 125 mm)
	4632	PH1; PH2; PH3
	4632SK	PH1; PH2
	4724	size 1 (0.6 x 3.5 x 25 mm)
	4734	PH2

9683 1615	No	Content
	13	6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24; 27; 30; 32 mm
	24	10 x 11 mm

9683 1585	No	Content
	39Pkw	400 mm
	102	150; 200 mm
	105	120 x 10 mm
	108	150 x 3; 150 x 4; 150 x 5; 150 x 6; 150 x 8 mm
	7756	
	10956N	∅ 35 mm
	10961	500 g
	11095	0.05-1 mm
	12320	
	12373	

9683 1585	No	Content
	12600	500 g
	12718	
	12920N	
	12935/3	3 m
	65 63 22 50	250 mm

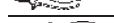
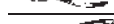
9683 1609	No	Content
	17	8; 10; 12; 13; 17; 19 mm

9683 0877	No	Content
	54	1/2" ○ 5; 6; 7; 8; 10; 12; 14; 17; 19 mm
	54KK	1/2" ○ 5; 6; 7; 8; 10 mm

9683 1610	No	Content
	50D IMP	1/2" ○ 32; 36 mm
	50TX	1/2" ○ sizes E10; E12; E14; E16; E18; E20
	54X	1/2" ○ sizes M5; M6; M8; M10; M12; M14; M16
	59X	3/4" ○ size M18
	1054X/M8	1/2" ○ 80 mm
	2309K	1/2" ○ 17; 19 mm
	3054X/M10	1/2" ○ 140 mm
	3054X/M12	
	3054X/M14	

9683 0166	No	Content
	20	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 21; 19 x 22; 24 x 27; 30 x 32 mm

9683 1614	No	Content
	4650	sizes T6; T7; T8; T9; T10; T15; T20; T25; T27; T30
	10767/9	1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
	10771/8	sizes T9; T10; T15; T20; T25; T27; T30; T40

9683 1584	No	Content
	65 01 51 80	180 mm
	65 29 51 60	160 mm
	65 43 40 02	J2 180 mm
	65 44 40 21	J21 170 mm
	65 45 40 02	A2 180 mm
	65 46 40 21	A21 170 mm
	65 72 62 40	240 mm
	66 02 51 80	180 mm

Special automotive tools

1120/1 TCS Additional set for VW

- 66 tools, in TCS inlays (Tool Control System see page 57-79)
- 2x1/3 und 1x2/3 inlays for 2 drawers (No 98VA for 1 drawer)

Code	kg
97830821	6.6



96831601



96831602



96831607

96831601	No	Content
	12507-2K	8; 10; 13 mm
	65015180	180 mm
	65295145	140 mm
	65305200	200 mm
	66005145	140 mm
	66025200	200 mm

96831602	No	Content
	10	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 21; 19 x 22; 24 x 27; 30 x 32 mm

96831607	No	Content
	40DL	1/4" ○ 8 mm
	415B	1/4" ○
	46	3/8" ○ 12 mm
	51	1/2" ○ 10; 13; 14; 15; 16; 17; 18; 19 mm
	54TX	1/2" ○ sizes T30; T40; T45; T50; T55
	512	1/2" ■
	513	3/8" ■ 1/2" ○
	1162	0.6 x 3.5 mm
	1164	0.8 x 4.0 mm
	1166	1.0 x 5.5 mm
	1166/1	1.2 x 6.5 mm
	1168	1.6 x 8.0 mm
	PZ 1221	PZ1
	PZ 1222	PZ2
	PZ 1223	PZ3
	1299	2 mm
	1300	3 mm
	1301	4 mm
	1302	5 mm
	1303	6 mm
	1304	8 mm

96831607	No	Content
	1410	size T6
	1411	size T7
	1412	size T8
	1413	size T9
	1414	size T10
	1415	size T15
	1416	size T20
	1417	size T25
	1418	size T27
	1419	size T30
	1420	size T40
	1421	size T45
	1435	size T55

1120/2 TCS Additional set for Audi

- 73 tools, in TCS inlays (Tool Control System see page 57-79)
- 2x1/3, 1x2/3 and 1x3/3 inlays for 3 drawers (No 98VA for 1.5 drawers)

Code	kg
97830822	8



96831602



96831603



96831601



96831695

96831602	No	Content
	10	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 21; 19 x 22; 24 x 27; 30 x 32 mm

96831603	No	Content
	543	5/16" ○ 1/2" ○
	736/10	1/4" ○, ■ D 6,3
	736/10-1	5/16" ○, ■ D 8
	1350	M4
	1356	M5
	1357	M6
	1358	M8
	1359	M10
	12506-2K	6; 7; 8 mm

96831601	No	Content
	12507-2K	8; 10; 13 mm
	65015180	180 mm
	65295145	140 mm
	65305200	200 mm
	66005145	140 mm
	66025200	200 mm

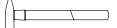
96831695	No	Content
	46	3/8"  10; 11; 12; 13; 14; 15; 16; 17; 18; 19 mm
	47	3/8"  10; 11; 12; 13; 14; 15; 16; 17; 18; 19 mm
	427/3	3/8"   76 mm
	427/6	3/8"   160 mm
	427/10	3/8"   240 mm
	427W/3	3/8"   76 mm
	427W/5	3/8"   125 mm
	427W/6	3/8"   160 mm
	428	3/8"   46 mm
	435	3/8"  
	456	3/8"  10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22 mm
	4650L	sizes T15; T20; T25; T30

1120/3 TCS Bodywork set for VW/Audi

- 9 tools, in TCS inlay (Tool Control System see page 57-79)
- 3/3 inlay for 1 drawer (No 98VA for 0.5 drawers)

Code	⚖ kg
96831586	4.4



No	Content
	112 240 mm
	10670 265 mm
	10961 200; 1000 g
	12752L 12752R
	65632175 175 mm
	65642145 145 mm
	65642250 250 mm

Special tools for cars

Special tools for carburetors

10503 Screwdriver

- for adjusting slotted screws
- matt chrome
- black tip



Code	L mm	Blade mm	⚖ g	
73213101	365	0.8 x 5.0 x 260	100	10

10506 Screwdriver

- for setting correct CO-valve on mixture screen, idling mixture on Pierburg carburetors: BMW, Ford, Opel, Peugeot, Renault, Mercedes-Benz cars
- choke adjustment Audi 80, VW Passat 1.3-1.5; 1.6 l
- matt chrome
- black tip



Code	L mm	Blade mm	⚖ g	
73010001	350	0.8 x 4.0 x 300	55	10

10507N KK Ball ended hexagon driver

- for hexagon socket head screws 3 mm
- for mixture regulation on distributor of K-Jetronic
- mattchrome
- blacktip



Code	L mm	⚖ g	
73103003	385	56	5

10518 Screwdriver

- for adjustment (slotted screws)
- matt chrome
- black tip



Code	L mm	Blade mm	⚖ g	
73213102	525	1.0 x 5.5 x 410	159	10

11085 Jet reamers

- 16 pieces in case (0.33; 0.4; 0.45; 0.5; 0.6; 0.7; 0.75; 0.8; 0.9; 1.0; 1.1; 1.2; 1.4; 1.6; 1.8; 2.0 mm)
- with holder



Code	⚖ g	
74310001	25	10

Special automotive tools

12504 Bit holder

- for all screwdriver bits
- flexible shaft
- for adjustment



Code	L mm	Ø "	Blade mm	g	
18 10 30 16	290	1/4	150	168	10

54TX-T20 Screwdriver socket

- for inside TORX® screws, size T20
- 1/2" Ø-drive
- use on mounting screws for choke-switch on choke-flap L-Jetronic



Code	g	
03 10 00 20	71	5

540-22 CROW-FOOT spanner

- 22 mm
- 3/8" Ø-drive
- on through-flow jet of 2B4-carburettor
- for use with reducing adaptor No 513



Code	Type	g	
02 20 00 22	BMW: series 3, 518, 520	64	1

513 Reducing adaptor

- 1/2" socket x 3/8" plug



Code	Type	g	
13 03 00 02	BMW: series 3, 518, 520	60	5

1062 Socket

- bi-hexagon, 27 mm
- 1/2" Ø-drive
- for diesel injectors



Code	Type	g	
03 83 00 27	BMW: M21: E30 = 324td, E28 = 524td, E34 = 524td, M51: E36 = 325td, E34 = 525tds	255	5

1023 Special ring spanner

- single ended
- angled
- 13 mm
- use on mounting screws of injection pump



Code	Type	g	
41 11 00 13	Citroën: all diesel VW/Audi: Audi 80 L, CL, GL, CD, Golf, Jetta, Caddy, Passat	67	1

51-27 Socket

- extra deep
- bi-hexagon, 27 mm
- 1/2" Ø-drive
- for injection nozzles on diesel car engines



Code	Type	g	
03 02 00 27	Mercedes-Benz	280	5

51-30 Socket

- 30 mm
- 1/2" Ø-drive
- for injectors



Code	Type	g	
03 02 00 30	Mercedes-Benz	341	5

3000 Socket

- multi-spline
- 1.5 x 58 mm
- 1/2" Ø-drive
- for use on pre-chamber with indirect injection



Code	Type	g	
03 39 00 01	Mercedes-Benz diesel	185	10

3505 Special extension



Code	L mm	g	
13 21 00 01	120	186	1

1054-13 INHEX sockets

- for hexagon socket head screws, 13 mm
- length 70 mm
- 1/2" Ø-drive
- for oil drain plug on engine



Code	Type	g	
03 15 07 13	VW/Audi: for engines with fuel injection	130	5

Special tools for valves and pistons

11063 Valve seating-ring pliers

- for pulling valve stem seals and removal of valve spring base on VW-Audi engines with overhead camshaft i.e. Golf, Passat, Audi 80, Audi 100, BMW and Mercedes-Benz
- bright nickel-plated



Code	L mm	Δ g	
74290001	250	340	1

11063/1 Valve seating-ring pliers

- for extracting poorly accessible valve shaft seals, e.g. in four-valve engines
- joint and jaws made of gun-finished hardened sheet steel
- handles made of nickel-plated shaped sheet steel



Code	L mm	Δ g	
74290002	270	345	1

11068 Piston ring compressors

- made of spring steel
- stepless adjustment
- c/w hexagon key wrench



Code	size	Clamp. width mm	Height mm	Δ g	
74140000	0	40-75	50	106	1
74140001	1¹⁾	57-125	80	230	1
74140003	2	90-175	80	270	1
74140005	5	90-175	165	603	1

¹⁾ Fiat-No A 60 605 (Type 126, 127, 128, X 1/9, 130, 131, 132, 850T, 238)

11069 Piston ring pliers

- for mounting and removing piston rings
- bright nickel-plated



Code	size	for piston rings mm	L mm	Δ g	
74152001	1¹⁾	50-100	200	245	1
74152002	2	80-120	240	279	1
74152003	3	110-160	240	394	1
74152005	5²⁾	60-160	220	194	1

¹⁾ Fiat-No A 60 182 (Type 126, 127, 133, 850T)

²⁾ with V-shaped contact faces for safe and positive manipulation of piston rings

11095-11097 Precision feeler gauges

- nickel-plated case
- tapered blades



Code	No	Sizes	L mm	Δ g	
74240001	11095/13	0.05; 0.10; 0.15; 0.20; 0.25; 0.30; 0.40; 0.50; 0.60; 0.70; 0.80; 0.90; 1.00 mm	100	62	10
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	96	10
74240005	11097/26	1 1/2; 2; 2 1/2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 25/ 1000"	100	80	10

12108 Valve spring tool

- incorporating 2 clamping and 2 compression facilities which are interchangeable
- suitable for most car engines, some without removing cylinder head



Code	Δ g	
74570001	780	1

12705 Motor mechanics stethoscope

- steel probe
- plastic handle and sound tubes



Code	Δ g	
74060001	137	1

40-3 Socket



- hexagon, 3 mm
- 1/4" O-drive
- for releasing and tightening screws on the expansion valve



Code	Type	Δ g	
01010003	BMW: X6 model E71, 7 Series model F01/F02	7	10

Special automotive tools

732/10-10 Ring insert tool



- 10 mm
- valve adjustment
- tightening torque 8–12 N·m



Code	Type	mm	g	
58 22 10 10	BMW: all except Diesel	9x12	44	1

1054-10 INHEX socket

- for hexagon socket head screws, 10 mm
- length 140 mm
- 1/2" □-drive
- for cylinder head bolts



Code	Type	g	
03 15 14 10	Mercedes-Benz	150	5

3054X-M10 Screwdriver socket

- for tri-square socket head screws (XZN®), size M10
- length 140 mm
- 1/2" □-drive
- for cylinder head bolts and drive shaft bolts



Code	Type	g	
03 26 14 10	Mercedes-Benz	142	5

3054X-M12 Screwdriver socket

- for cylinder head bolts with tri-square socket head M12



Code	Type	g	
03 26 14 12	Mercedes-Benz	160	5

3004 Screwdriver bit

- for tri-square socket head screws (XZN®), size M12
- length 55 mm
- 1/2" □-drive
- for cylinder head bolts



Code	Type	g	
03 23 00 12	Mercedes-Benz	71	5

54CV/9 Set screwdriver sockets

- for spline socket head screws (Ribe-CV®)
- for brakes and cylinders head bolts
- in sturdy, stackable ABS plastic case

Content 9 pieces:
No 54CV: M5; M6; M7; M8; M9; M10; M12; M13; M14



Code	Type	g	
96 03 19 01	Fiat, Alfa	1225	1

54CV Screwdriver sockets

- for spline socket head screws (Ribe-CV®)
- length 60 mm
- 1/2" □-drive
- for brakes and cylinder head bolts



Code	size	Type	g	
03 09 00 07	M7	Fiat	70	5
03 09 00 08	M8	Fiat	78	5
03 09 00 09	M9	Fiat (1.2 l; 8V/16V)	92	5
03 09 00 10	M10	Fiat (1.2 l; 8V/16V)	95	5
03 09 00 12	M12	Fiat (2.0 l)	119	5
03 09 00 13	M13	Fiat, Alfa (e.g. 1.6 l; 16V)	125	5
03 09 00 14	M14	Alfa (e.g. 1.6 l; 16V)	126	5
03 09 00 16	M16	Alfa (e.g. 1.6 l; 16V)	163	5

STAHLWILLE fine-tooth ratchet.

Efficiency in confined spaces.



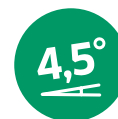
512SG-QR N 1/2"



512QR N 1/2"



517QR 1/2"



Eighty teeth provide a ratchet angle of only 4.5° – facilitating efficient working in confined spaces. In contrast to conventional fine-tooth ratchets, no less than eight teeth engage at once here, ensuring maximum load capacity and, at the same time, smooth action and durability.

Special tools for chassies and steering

40TX-E8 Socket

HPQ

- for external TORX® screws, size E8
- 1/4" -drive
- for steering lock screws



Code	Type	g	
01 27 00 08	BMW	10	10

24-17x19 OPEN-Ring spanner

AS

- bi-hexagon, 17 x 19 mm
- use on wingpump manifold (hydro-steering)



Code	Type	g	
41 08 17 19	BMW	150	10

55-36 Socket

AS HPQ

- hexagon, 36 mm
- 3/4" -drive
- use on vibration damper



Code	Type	g	
05 01 00 36	BMW: series 5, 6 and 7, except 518-520i	386	2

11060-3 Internal puller

- capacity 27-36mm
- for taper roller bearing outer ring on steering housing
- to be used with counter stay No 11061-2



Code	Type	g	
71 16 00 13	Mercedes-Benz	365	1

11061-2 Counter stay with reduction unit

- for taper roller bearing outer ring on steering housing



Code	Type	g	
71 17 00 12	Mercedes-Benz	1518	1

540-22 CROW-FOOT spanner

- 22 mm
- 3/8" -drive
- use on track-rod



Code	Type	g	
02 20 00 22	BMW: series 3, 518, 520	64	1

513 Reducing adaptor

HPQ

- 1/2" socket x 3/8" plug



Code	Type	g	
13 03 00 02	BMW: series 3, 518, 520	60	5

1417 Bit

- for inside TORX® screws, size T25
- 1/4" -drive
- for screws on sunroof E30



Code	Type	g	
08 13 00 25	BMW	6	10

3054X-M10 Screwdriver socket

- for tri-square socket head screws (XZN®), size M10
- on drive shaft bolts



Code	Type	g	
03 26 14 10	Mercedes-Benz	142	5

46-19 Socket

AS HPQ

- Fiat-No A 57 052
- bi-hexagon, 19 mm
- 3/8" -drive
- for front mounting screw of top steering link on front wheel suspension



Code	Type	g	
02 02 00 19	Fiat: 1500, 125	112	10

12495 Brass punch

- Ø 20 mm, length 200 mm
- for use on bushes bearing rings
- steering pivot pin



Code	Type	g	
77 13 00 00		533	5

Special tools for ignition and electrics

3466 Spark plug socket

AS HPQ

- 3/8" O-drive
- with magnet, outside dia 25.5 mm
- for deep seated plugs



Code	mm/"	L mm	g	
02 1400 36	16-5/8	85	180	5

4600 Spark plug socket

AS HPQ

- 3/8" O-drive
- with rubber insert



Code	mm/"	L mm	g	
02 1200 36	16-5/8	60	84	10

4606 Spark plug socket

AS HPQ

- 3/8" O-drive
- with rubber insert



Code	mm/"	L mm	g	
02 1300 18	18-11/16	65	132	10

46 Sockets

AS HPQ

- 3/8" O-drive
- with rubber insert



Code	mm/"	L mm	g	
02 0202 08	20.8-13/16	65	151	10

51 Sockets

AS HPQ

- 1/2" O-drive
- with rubber insert



Code	mm/"	L mm	g	
03 0202 16	16-5/8	83	137	10
03 0202 08	20.8-13/16	83	194	10

51S Sockets

AS HPQ

- 1/2" O-drive
- with rubber insert



Code	mm/"	L mm	g	
03 2402 08	20.8-13/16	83	196	10

5100 Rubber insert

- for size 20.8 mm (No 46; 51; 51S)



Code	g	
09010001	6	5

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

12375 Spark plug brush

- wood, brass wire dia 0.15 mm



Code	L mm	Rows	g	
74160001	150	3 x 5	17	10

Tools for heater plugs

25GK Ratchet ring spanner

- angled
- extra long
- for hard-to-reach heater plugs (e.g. BMW, Mercedes-Benz, Peugeot, Renault, Seat, VW/Audi)
- 8 mm for contact rail bolts, 12 mm for diesel heater plugs
- chrome plated



Code	mm	L mm	g	
41180812	8 x 12	255	156	1

3047 Spark plug sockets

- extra long
- for hard-to-reach heater plugs
- 3/8" O-drive
- 10 mm e.g. for Renault, VW/Audi TDi
- 12 mm e.g. for BMW, Mercedes-Benz (201, 202 four-valve technology), Ford, Opel, Renault



Code	mm	L mm	g	
02180010	10	140	138	1
02180012	12	140	138	1

46-12 Socket

AS HPQ

- extra deep
- bi-hexagon, 12 mm
- 3/8" $\square$ -drive
- use on glow plugs of diesel engines



Code	Type	Δ g	
02020012	BMW: 324d; 524d	57	10

Testing tools for car electrics

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	Δ 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	Δ g	
77560002	100	1

Special tools for brakes and wheels

ES 721/15/3/2

- 530 x 350 x 40 mm
- 6 pieces



Code	Δ g
96838172	5060

No	Content
2309K	1/2" $\square$ 17; 19; 21 mm
721/15 Quick 35c Pkw	30-150 N·m 17; 19; 22 mm; $\blacksquare$ 1/2"
10599/2	245 mm

34c/35c 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	$\square$ mm/"	L mm	Δ g	
43030005	34c Lkw	24; 27; 32; $\blacksquare$ 3/4"	400	2058	1
43030006	35c Pkw	17; 19; 22; $\blacksquare$ 1/2"	400	5020	1

39 Tyre levers

- handy, sturdy construction, purposefully shaped
- Chrome Alloy Steel



Code	No	L mm	Δ g	
74010401	39 Pkw	400	358	5
74010601	39/1 Lkw	600	897	5
74010602	39/1 Lkw	600	1180	5
74010603	39/1 Lkw	600	900	5

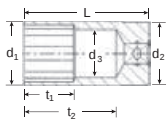
Special automotive tools

51S

Socket



- 1/2" O-drive
- extra deep
- DIN 3124/ISO 2725-1, E DIN EN 3710, E DIN EN 3709 (testloads)
- with rubber insert for spark plugs and for tightening and untightening wheel nuts on Japanese cars
- HPQ® high performance steel, chrome plated

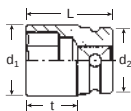


Code	mm/"	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	
03240208	20.8-13/16	27.7	26	20	83	22	66.2	196	10

2309

IMPACT sockets

- 1/2" O-drive
- for power drivers
- extra deep
- with reduced outside diameter
- Chrome Alloy Steel, gunmetal finish



Code	mm	d ₁ mm	d ₂ mm	L mm	t mm	g	
23090017	17	25.7	30	85	68	242	5
23090019	19	28.2	30	85	67.5	257	5
23090221	21	30.7	30	85	66.5	272	5
23090022	22	32	30	85	66.5	311	5

for wheel nuts

2309K

Wheel nut sockets

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



Code	mm	L mm	Ø mm	g	
23091017	17	86	27	235	1
23091019	19	86	29	250	1
23091221	21	86	31	265	1

10599/2

Balance weight pliers

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



Code	L mm	g	
76294003	245	380	1

10613

Brake spring pliers

- for rivetted brake linings/shoes
- Chrome Vanadium, bright nickel-plated



Code	L mm	g	
76413001	210	245	6

10613/1

Brake spring pliers

- with flexible anvil
- for rivetted and glued brake linings/shoes



Code	L mm	g	
76413021	330	461	2

12371

Brake calliper file

- for removing dust, rust and dirt from brake calliper groove



Code	L mm	g	
74543101	260	130	5

12373

Steel wire brush

- special slim design



Code	L mm	Rows	g	
77440001	230	2	65	10

12900/3

Tyre-tread Vernier gauge

- sturdy brass construction
- smooth ground surface



Code	measuring range mm	g	
77371004	30	41	1

12900/4

Electronic tyre-tread Vernier gauge

- large LCD display with clear read-offs, figures 9.5 mm high
- display accuracy 0.01 mm/ 0.0005"
- ON/OFF push button
- unit of measure switchable mm/inch
- zeroing possible in any position
- incl. 1 x 3 V battery (type CR2032) packaged in accordance with UN 3091, Class 9



Code	measuring range mm/"	g	
77371005	25/1	60	1

54-7 INHEX socket

- for hexagon socket head screws, 7 mm
- 1/2" -drive
- for changing brake linings



Code	Type			
03050007	BMW: 518, 520i, 525i, 528i	75	5	

1049-9 INHEX socket

- for hexagon socket head screws, 9 mm
- 3/8" -drive
- for brake calliper retainers



Code	Type			
02151009	BMW, MINI	62	5	

733/10-11 Open ring insert tool

- 11 mm
- use with Service-MANOSKOP® torque wrench No 730/5 Quick
- for flare nuts on brake lines and bleed screws



Code	Type			
58231011	Mercedes-Benz	9x12	55	1

733/10-12 Open ring insert tool

- 12 mm
- for flare nuts on brake pressure regulator
- tightening torque 15-18 N·m



Code	Type			
58231012	BMW	9x12	59	1

733/10-14 Open ring insert tool

- 14 mm
- for flare nuts on main brake cylinder
- tightening torque 16-25 N·m (BMW)
- for flare nuts on brake lines and bleed screws (Mercedes-Benz)



Code	Type			
58231014	BMW, Mercedes-Benz	9x12	60	1

733/10-17 Open ring insert tool

- 17 mm
- for flare nuts on main brake cylinder
- tightening torque 16-25 N·m



Code	Type			
58231017	BMW	9x12	64	1

733/10-19 Open ring insert tool

- 19 mm
- for flare nuts on main brake regulator
- tightening torque 30-40 N·m



Code	Type			
58231019	BMW	9x12	70	1

54CV/9 Set screwdriver sockets

- for spline socket head screws (Ribe-CV®)
- for brakes and cylinders head bolts
- in sturdy, stackable ABS plastic case

Content 9 pieces:
No 54CV: M5; M6; M7; M8; M9; M10; M12; M13; M14



Code	Type		
96031901	Fiat, Alfa	1225	1

54CV Screwdriver sockets

- for spline socket head screws (Ribe-CV®)
- length 60mm
- 1/2" -drive
- for brakes and cylinder head bolts



Code	Size	Type		
03090007	M7	Fiat	70	5
03090009	M9	Fiat (1.2 l; 8V/16V)	92	5
03090013	M13	Fiat, Alfa (e.g. 1.6 l; 16V)	125	5

Special tools for lubrication service

12005 Strap wrenches

- for oil filters etc., up to 180 mm $\varnothing$
- non-slip rubber cloth tape, 22 mm width



Code	No	L mm	$\Delta\Delta$ g	
76500001	12005	236	264	1
79150001	12005/1 ¹⁾	600	69	1

¹⁾ spare strap

12007 Oil filter wrenches

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



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

¹⁾ with 1/2" $\odot$

²⁾ with lever handle

10765-12 Hexagon key wrench

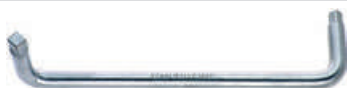
- Fiat-No A 5013
- for hexagon socket
- long
- 12 mm
- for oil drain plug on engine, gearbox and rear axle



Code	Type	$\Delta\Delta$ g	
43210012	Fiat	287	5

1058 Oil service spanner

- bent
- 8 and 10 mm outside square
- for drain plugs on sump, gearbox, differential



Code	Type	$\Delta\Delta$ g	
44730810	Peugeot, Renault	315	5

1015 Oil filter claw

- for loosening of oil filters on cars



Code	$\odot$ "	Clamp. width mm	total height mm	length of claws mm	$\Delta\Delta$ g	
74620002	3/8	68-120	65	50	530	1

3045 Special socket

- for oil filters
- 74 mm
- 14-point
- 10 mm dia. bore and outside hexagon 22 mm $\varnothing$



Code	total height mm	$\Delta\Delta$ g	
74370001	52	131	1

3046 Special sockets

- for fitting and removing oil filter covers when changing oil filter cartridges



Code	$\odot$ mm	$\odot$ "	Type	$\Delta\Delta$ g	
02111032	32	3/8	e.g. Audi, MAN, Vauxhall Astra, Corsa, VW Passat	130	1
02111036	36	3/8	e.g. BMW, Mercedes-Benz cars, 100 D Transporter, MAN, Vauxhall Vectra B DI 16V, VW Lupo 1.2 TDI, model year 99	160	1

54-14 INHEX socket

- for hexagon socket head screws, 14 mm
- 1/2" $\odot$ -drive
- for use on oil drain plug



Code	Type	$\Delta\Delta$ g	
03050014	Mercedes-Benz	135	5

1054-13 INHEX sockets

- for hexagon socket head screws, 13 mm
- length 70 mm
- 1/2" $\odot$ -drive
- for oil drain plug on engine



Code	Type	$\Delta\Delta$ g	
03150713	Lancia	130	5

1054KK-5 INHEX socket

- with ball-point hexagon
- 5 mm
- length 238 mm
- 1/2" -drive
- for use on socket head screws with difficult access up to an angle of 25°
- 5 mm for use on sump screws of 5 cylinder diesel engine, van T4



Code	Type	g	
03 31 0005	VW/Audi	145	5

1054KK-8 INHEX socket

- 8 mm
- length 238 mm



Code	Type	g	
03 31 0008	VW/Audi	154	5

Special tools for engine and gear transmission

50TX-E10 Socket

HPQ

- for external TORX® screws, size E10
- 1/2" -drive
- use on mounting screws for GETRAG 260 gearbox, as well as on automatic gearboxes fitted to US and Japanese models



Code	Type	g	
03 27 00 10	BMW	55	10

50TX-E12 Socket

HPQ

- size E12



Code	Type	g	
03 27 00 12	BMW	60	10

50TX-E14 Socket

HPQ

- size E14



Code	Type	g	
03 27 00 14	BMW	56	10

54TX-T27 Screwdriver socket

- for inside TORX® screws, size T27
- 1/2" -drive
- use on switchgear of automatic gearbox 3HP 22, 4HP 22



Code	Type	g	
03 10 00 27	BMW	72	5

1418 Bit

- for inside TORX® screws, size T27
- 1/4" -drive
- use on switchgear on automatic gearbox 3HP 22, 4HP 22



Code	Type	g	
08 13 00 27	BMW	6	10

730N/5 Service MANOSKOP® torque wrench

- 10-50 N·m
- with tool carrier for insert tools
- for tightening ZF switch-gear and adjustment brakebelt BW 65 on automatic gearbox
- to use with ratchet insert tool No 735/10



Code	Type	g	
50 18 10 05	BMW	1054	1

735/10 Ratchet insert tool

- reversible
- 1/2" -drive



Code	mm	g	
58 25 00 10	9x12	147	1

6547 Special circlip pliers

- use on retaining ring on gear box main shaft (all "GETRAG" and ZF gear boxes S4-18/3)



Code	Type	g	
65 47 41 70	BMW	154	1

Special automotive tools

1054-10 INHEX socket

- for hexagon socket head screws, 10 mm
- length 140 mm
- 1/2" **O**-drive
- for bolts on car engines



Code	Type	g	
03 15 14 10	Mercedes-Benz	150	5

51-27 Socket

AS HPQ

- bi-hexagon, 27 mm
- 1/2" **O**-drive
- for rotating engine through hexagon on crankshaft



Code	Type	g	
03 02 00 27	Mercedes-Benz	280	5

3049-8 INHEX socket

- for hexagon socket head screws, 8mm
- length 24mm
- 3/8" **O**-drive
- for use on mounting screws on fluid fly-wheel



Code	Type	g	
02 15 24 08	Mercedes-Benz	28	5

11060-1a Internal puller

- capacity 16-20 mm
- for sealing ring and bearing on crankshaft
- use with counter stay No 11061-1



Code	Type	g	
71 16 00 21	Mercedes-Benz	116	1

11061-1 Counter stay

- use with internal puller No 11060-1a



Code	g	
71 17 00 11	654	1

11060-2 Internal puller

- capacity 20-27 mm
- for bearing bush of idler gear on oil pump drive
- use with counter stay No 11061-2



Code	Type	g	
71 16 00 12	Mercedes-Benz	131	1

11061-2 Counter stay

- use with internal puller No 11060-2



Code	g	
71 17 00 12	1518	1

730/2 Quick Service-MANOSKOP® torque wrench

- 4-20 N·m



Code	Type	g	
50 18 40 02	VW/Audi	315	1

734/5 Square drive insert tool

- 3/8" **O**-drive
- for use with Service-MANOSKOP® torque wrench No 730/2 Quick



Code	Type	mm	g	
58 24 00 05	VW/Audi	9x12	76	1

12717 Pin wrench

- offset
- distance between pins 18 mm
- pin dia. $\varnothing$ 2.9 mm, length 140 mm
- for ring nut of tension pulley on 1.6 l diesel



Code	Type	g	
44 70 00 18	2/80 Golf, Jetta, Passat, Audi 80	76	10

Special tools miscellaneous

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	
60 11 0001	25-75	665	1

K157 Chain

Code	g	
69 13 0001	183	1

1225 Special extension

- offset
- for use on magnetic switch diesel pump



Code	"	g	
12 25 0001	3/8	128	5

10614 Hose clip pliers

- for self tightening hose clips
- nickel-plated



Code	L mm	g	
76 46 0000	220	293	1

10615/1 Hose clip pliers CLIC

- for CLIC hose clips e.g. Alfa Romeo, Audi, BMW, Opel, Peugeot, VW
- work can be carried out at various angles due to stepless swivelling jaws



Code	L mm	g	
76 46 00 13	200	189	1

10623/1 Hose clip pliers

- registered design
- with rotating jaws and multiple locking positions
- single-handed use even with wide openings due to variable-geometry joint
- especially for 12 and 15 mm wide, large-format hose clips, e.g. for Alfa Romeo, Audi, Citroën, Fiat, Ford, Mercedes-Benz, Opel, Peugeot, Porsche, Renault, VW



Code	L mm	g	
76 46 00 12	290	414	1

10623/2 Hose clip pliers

- registered design
- with Bowden cable and multiple locking positions
- especially for 12 and 15 mm spring-steel hose clips, suitable for use near cooling and heating systems up to a diameter of 42 mm
- access to hard-to-reach places using Bowden cable remote action (length 610 mm), e.g. for Alfa Romeo, Audi, Citroën, Fiat, Ford, Mercedes-Benz, Opel, Peugeot, Porsche, Renault, VW



Code	L mm	g	
76 54 00 01	300	565	1

Replacement Bowden cable for No 10623/2

Code	g	
79 54 00 01	120	1

10625 Ear clamp pincers

- for application of 1 and 2-ear clamps on shaft sleeves, radiator and fuel lines e.g. for Audi, BMW, Ford, GM, Honda, Mazda, Mercedes-Benz, Nissan, Opel, VW
- quality steel, black paint finish



Code	L mm	g	
76 54 00 02	225	340	1

10625/2 Hose clip pliers

- for correctly closing hose clips without ears, for shaft sleeves on Audi, Mercedes-Benz, Toyota and VW
- Quality steel, nickel-plated
- jaws gunmetal finished



Code	L mm	g	
76 54 00 03	200	173	1

Special automotive tools

12718 Flat scraper

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



Code	L mm	g	
72033101	265	164	5

12763 Pull hook for rubber exhaust mountings

- with T-bar
- chromium-plated, black dip-coated
- for pulling rubber loops on exhaust mountings
- all cars except Ford



Code	L mm	g	
74200002	220	118	5

12771 Extractor pliers

- for removing fixing plugs on door trims, outside trims, rubber bumper covers etc.
- joint and jaws made of hardened sheet steel
- handles made of shaped sheet steel



Code	L mm	g	
76480001	230	205	1

12975 Fuel hose clamp

- capacity up to $\varnothing$ 20 mm
- for stopping fuel flow temporarily



Code	g	
74340001	38	10

1435 Bit

- for inside TORX® screws, size T55
- 5/16" $\bullet$ -drive
- for screws in rear seats
- for use with bit-holder insert tool No 736/40



Code	Type	g	
08140055	BMW: X6 model E71, series 7 model F01/F02	20	10

736/40 Bit holder insert tool

- internal hex drive 5/16"
- for use with bit No 1435



Code	Type	mm	g	
58261040	BMW: X6 model E71, series 7 model F01/F02	14x18	114	1

1445 Bit

- for inside TORX® tamper resistant screws, size T30
- 1/4" $\bullet$ -drive
- use on sensor screws wheel house (models with airbag system)



Code	Type	g	
08160030	BMW	6	10

12506-6 Hexagon nut spinner

- flexible
- 6 mm
- for screws on hose clips of radiator hose
- max. tightening torque 8 N·m



Code	Type	g	
43103206	BMW	167	10

440-17 CROW-RING spanner

- 17 mm
- 3/8" $\bullet$ -drive
- for use on pipes for air conditioning unit



Code	Type	g	
02190017	Mercedes-Benz	40	1

440-19 CROW-RING spanner

- 19 mm



Code	g	
02190019	40	1

440-22 CROW-RING spanner



- 22 mm



Code	g	
02 19 00 22	57	1

440-24 CROW-RING spanner



- 24 mm



Code	g	
02 19 00 24	57	1

735/20 Ratchet insert tool, fine tooth

- reversible
- 1/2" ■-drive
- use with Service-MANOSKOP® torque wrench No 730/20 Quick



Code	Type	mm	g	
58 25 00 20	Mercedes-Benz	14x18	302	1

730R/5 Quick Service-MANOSKOP® torque wrench

- 6-50 N·m
- 3/8" ■-drive
- for general service work



Code	Type	g	
96 50 40 05	Mercedes-Benz	994	1

730R/12 Quick Service-MANOSKOP® torque wrench

- 25-130 N·m
- 1/2" ■-drive
- for valve adjustment



Code	Type	g	
96 50 40 12	Mercedes-Benz	1488	1

730R/20 Quick Service-MANOSKOP® torque wrench

- 40-200 N·m
- 1/2" ■-drive



Code	Type	g	
96 50 40 20	Mercedes-Benz	1626	1

11060-1 Internal puller

- capacity 12-16 mm
- for use on bearings, seals and bushes



Code	Type	g	
71 16 10 11	Mercedes-Benz	110	1

11060-2 Internal puller

- capacity 20-27 mm



Code	Type	g	
71 16 00 12	Mercedes-Benz	131	1

11060-3 Internal puller

- capacity 27-36 mm



Code	Type	g	
71 16 00 13	Mercedes-Benz	365	1

11060-5 Internal puller

- capacity 36-46 mm



Code	Type	g	
71 16 00 16	Mercedes-Benz	558	1

11060-6 Internal puller

- capacity 46-58 mm



Code	Type	g	
71 16 00 16	Mercedes-Benz	558	1

Special automotive tools

11061-1 Counter stay

- for internal puller No 11060/0-2
- for use on bearings, seals and bushes



Code	Type	g	1
71 1700 11		654	1

11061-2 Counter stay

- for internal puller No 11060/3-7



Code	Type	g	1
71 1700 12	Mercedes-Benz	1518	1

12506-7 Hexagon nut spinner

- flexible
- 7 mm
- for screws on hose clips of radiator hose
- max. tightening torque 8 N·m



Code	Type	g	10
43 10 32 07	Mercedes-Benz	168	10

10760CV-17 Hexagon key wrench

- Fiat No A 89601 up to A 89611 (2.5 mm up to 17 mm see page 267)
- for hexagon socket head screws



Code	Type	g	5
43 1500 17		442	5

720Nf/80 Standard-MANOSKOP® torque wrench

- 160-800 N·m
- 3/4" O-drive



Code	Type	g	1
50 1900 81	VW: LT Syncro	5650	1

730/5 Quick Service-MANOSKOP® torque wrench

- 6-50 N·m
- for general service work



Code	Type	g	1
50 18 40 05	VW/Audi	780	1

732/10-13 Ring insert tool



- 13 mm
- for use with Service-MANOSKOP® torque wrench No 730/5 Quick



Code	Typ	mm	g	1
58 22 10 13	VW/Audi	9x12	55	1

735/10 Ratchet insert tool

- reversible
- 1/2" ■-drive
- for use with Service-MANOSKOP® torque wrench No 730/5 Quick



Code	Typ	mm	g	1
58 2500 10	VW/Audi	9x12	147	1

730/20 Quick Service-MANOSKOP® torque wrench

- 40-200 N·m



Code	Type	g	1
50 18 40 20	VW/Audi	1310	1

735/20 Ratchet insert tool

- reversible
- 1/2" ■-drive
- for use with Service-MANOSKOP® torque wrench No 730/20 Quick



Code	Typ	mm	g	1
58 2500 20	VW/Audi	14x18	302	1

730/40 Quick Service-MANOSKOP® torque wrench

- capacity 80-400 N·m



Code	Type	g	1
50 18 40 40	VW/Audi	1540	1

735/40 Ratchet insert tool

- reversible
- 3/4" ■-drive
- for use with Service-MANOSKOP® torque wrench No 730/40 Quick



Code	Typ	mm	g	
58 25 00 40	VW/Audi	14x18	515	1

1421 Bit screwdriver socket

- for inside TORX® screws
- outside ● 1/4" C 6.3 size T45
- length 26 mm
- for use on door hinges
- drive tools: f.e. ratchet reversible No 725/4B and ratchet tap holder No 1820 or ratchet reversible No 725/4B and torque wrench



Code	Type	g	
08 13 00 45	VW: Golf III	8	10

1068 Air filter claw

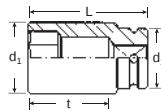
- for loosening of filter cartridges on air brakes (trucks)



Code	Clamp. width "	total height mm	length of claws mm	g	
74 62 00 11	1/2	100-145	85	60	925 1

2509 IMPACT sockets

- 3/4" ○-drive
- for power drivers
- extra deep
- with reduced diameter
- Chrome Alloy Steel, gunmetal finish

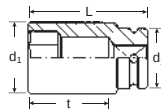


Code	mm	d ₁ mm	d ₂ mm	L mm	t mm	g	
25 09 00 27	27	40.5	44	100	72.5	672	2
25 09 00 30	30	44.3	44	100	72.5	728	2
25 09 00 32	32	46.8	44	100	72	778	2
25 09 00 33	33	48	44	100	72	803	2

for Trilux wheels

2609 IMPACT sockets

- 1" ○-drive
- for power drivers
- extra deep
- with reduced outside diameter
- Chrome Alloy Steel, gunmetal finish



Code	mm	d ₁ mm	d ₂ mm	L mm	t mm	g	
26 09 00 27	27	42.3	54	110	80	1001	2
26 09 00 30	30	46	54	110	79.5	1047	2
26 09 00 32	32	48.5	54	110	79	1015	2
26 09 00 33	33	49.8	54	110	78.5	1102	2

for wheel nuts

Special tools for HGVs

34c Lkw Wheel brace

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



Code	mm/"	L mm	g	
43 03 00 05	24; 27; 32; ■ 3/4"	400	2058	1

39 Tyre levers

- handy, sturdy construction, purposefully shaped
- Chrome Alloy Steel



Code	No	L mm	g	
74 01 06 01	39/1 Lkw	600	897	5
74 01 06 02	39/1 Lkw	600	1180	5
74 01 06 03	39/1 Lkw	600	900	5

Special automotive tools

24-17x19

OPEN-RING spanner



- bi-hexagon, 17 x 19 mm
- for all threaded connectors on injector pipes



Code	Type	g	
41081719	BMW	150	10

51-30

Socket



- extra deep
- bi-hexagon, 30 mm
- 1/2" drive
- on injector post



Code	Type	g	
03020030	Mercedes-Benz	341	5

440-27MB

CROW-RING spanner



- for setting of electronic injection on 440-HP-engines



Code	Type	g	
02191027	Mercedes-Benz	92	1

3678

4-pin socket

- length 72 mm
- 1/2" drive
- for use on pressure nut of injector post



Code	Type	g	
03810001	Mercedes-Benz	151	5

1054-10

INHEX socket

- for hexagon socket head screws, 10 mm
- length 140 mm
- 1/2" drive, for cylinder head bolts



Code	Type	g	
03151410	Mercedes-Benz	150	5

3054X-M12

Screwdriver socket

- for tri-square socket head screws (XZN®), size 12
- length 140 mm
- ø 11.5 mm
- 1/2" drive for cylinder head bolts with tri-square socket head M12



Code	Type	g	
03261412	Mercedes-Benz	160	5

11068-2

Piston ring compressor

- of special spring steel
- infinitely variable adjustment
- c/w adj. spanner
- capacity ø 90-175 mm



Code	Type	g	
74140003	Mercedes-Benz	270	1

55-30

Socket



- hexagon, 30 mm
- 3/4" drive
- for U-bolt nuts, front



Code	Type	g	
05010030	Mercedes-Benz	313	5

55-36

Socket



- 36 mm
- 3/4" drive
- for U-bolt nuts, rear



Code	Type	g	
05010036	Mercedes-Benz	386	2

24-10x12

OPEN-RING spanner



- hexagon, 10 x 12 mm
- for general service work



Code	Type	g	
41081012	Mercedes-Benz	59	10

440-30 CROW-RING spanner



- 30 mm
- 1/2" -drive
- for use on hydraulic pipe flare nuts



Code			
03 19 00 30		155 g	1

540-19 CROW-FOOT spanner

- 19 mm
- for use on new push connector for pneumatic installations on new light-weight truck series



Code	Type		
02 20 00 19	Mercedes-Benz	64 g	1

540-24 CROW-FOOT spanner

- 24 mm

Code			
02 20 00 24		60 g	1

730R/2 Quick Service-MANOSKOP® torque wrench

- capacity 4-20 N·m
- 3/8" -drive
- for use on new push connector for pneumatic installations on new light-weight truck series



Code	Type		
96 50 40 02	Mercedes-Benz	455 g	1

730R/40/32 Quick Torque wrench set

- in steel case
 - for general service work
- Content 32 pieces:
- 1 Service-MANOSKOP® No 730/40 Quick, 80-400 N·m
 - 1 ratchet insert tool No 735/20, reversible, 1/2" -drive
 - 1 square drive insert tool No 734/20, 1/2" -drive
 - 7 open ended insert tools No 731/40: 13; 15; 17; 19; 22; 27; 30 mm
 - 1 open ended insert tool No 3731/40, 24 mm
 - 7 ring insert tools No 732/40: 13; 15; 17; 19; 22; 24; 27 mm
 - 10 sockets, bi-hexagon No 50: 13; 14; 15; 17; 19; 22; 24; 27; 30; 32 mm
 - 4 accessories, 1/2" -drive:
 - 1 T-handle No 506
 - 1 extension No 509/10, 255 mm
 - 1 extension No 509/5, 130 mm
 - 1 extension No 509/2, 55 mm



Code	Type		
96 50 20 53	Mercedes-Benz	9739 g	1

54/12 Set of INHEX sockets

- for hexagon socket head screws
 - sturdy, stackable ABS plastic case
 - for general service work
- Content 12 INHEX sockets:
- No 54: 4; 5; 6; 7; 8; 10; 12; 14; 17; 19 mm
 - No 3054/8, 8 mm
 - No 1054/10, 10 mm



Code	Type		
96 03 15 03	Mercedes-Benz	1894 g	1

721Nf/80 Standard-MANOSKOP® torque wrench

- 160-800 N·m
- 3/4" -drive
- for general service work



Code	Type		
50 20 00 81	Mercedes-Benz	6380 g	1