



Stahlwille

Product Range



2017





Brand Story

A TRADITION OF INNOVATION

For over 150 years, the STAHLWILLE brand name has stood for a constant drive for perfection. The founder of the company, Eduard Wille, laid down the guiding principle that has been consistently applied by all staff ever since: to develop and produce the best tools possible for and with the customer – nothing less.

Innovative tools

100%

Made in
Germany

Innovative Tools

When it comes to quality, STAHLWILLE knows no compromises. All the products made are manufactured at three locations in Germany under the most stringent quality control conditions. The latest manufacturing methods coupled with the use of the highest-grade materials ensure the closest tolerances are adhered to. And last but not least, it is the proximity to the customer and understanding of production processes and requirements that generates the innovation that the market needs.

More than

600

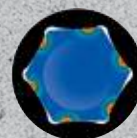
highly
qualified staff

Staff

In order to provide customers with the high standards of quality and innovative capability they expect of STAHLWILLE, the company relies on well qualified, dedicated staff. Currently at 600, and the number is steadily increasing.

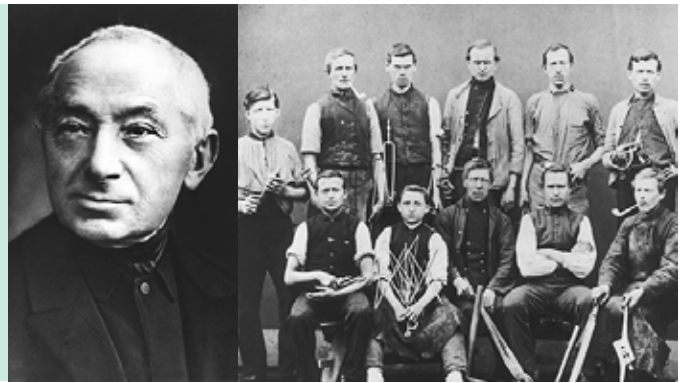
TERMS AND CONDITIONS

Our warranty commences from the date of purchase and is not transferable. The warranty only covers the original owner, purchaser or end user and is subject to the Trade Practices Act and Goods and Consumer Protection legislation of the various states. Proof of purchase along with appropriate documentations is required before consideration under warranty is given.



Made in Germany since 1862

Long before "Made in Germany" was used as a guarantee of quality, Eduard Wille recognised that the highest achievable standard of quality was the key to good development and production. At Wuppertal-Cronenberg, he set up one of the most modern tool forges in Europe. The products made by him and his team soon earned them an excellent reputation.



People make success

Right from the outset, STAHLWILLE has been a responsible employer – the founder himself understood that even the best product is valueless if the employees are not fully committed to their task. Since then, right up to today, the staff at STAHLWILLE – of whom there are now more than 600 – have shared the same passion for excellence in the production of handtools.



Prize Winning Technology

STAHLWILLE's dedication to quality is reflected in several awards – one of which is the coveted iF design award in the industrial design category. STAHLWILLE has been awarded that prize four times: in 2011, 2013 and 2014 & 2017. In 2015, the company was also nominated for the German Design Award.



Customer Feedback

“ You don't know what precision feels like until you've held STAHLWILLE tools in your hand. ”

“ We've had to replace our tools far less often since we've been using STAHLWILLE. Quality pays for itself. ”

“ When it comes to torquing, I need peak performance. I can rely on STAHLWILLE to give me that. ”

STAHlwILLE SPANNERS

Strong, extremely tough and durable.



1

CONVENTIONAL SPANNERS

When force is applied to a spanner, the greatest force acts on the joint between the jaw and the shaft. Standard-quality open-jaw spanners do not take this fact into consideration. In the context of normal hard work, this can lead to the tool breaking, causing considerable personal injury.

STAHlwILLE spanners

To reduce the danger of breakage, we add more material where the greatest loads are to be found and take it away from the places that are not under such stress.

In this way, we are able to manufacture extremely sturdy, slim and light tools which also facilitate working in confined spaces due to their compact designs.

2

EXTREMELY RESILIENT, REMARKABLY DURABLE

- Drop-forged from high-grade special steels.
- Optimum hardening in continuous furnaces with no scale build-up or skin decarburisation.
- Gentle quenching in oil.

3

LIGHT AND EASY TO HANDLE

- High resistance to bending and low weight thanks to STAHlwILLE's typical double-T profile.
- Snug-fitting, skin-friendly surfaces thanks to STAHlwILLE's rounded finish.

4

KEY BENEFITS WHEN TIGHTENING AND LOOSENING SCREWS

- Tougher than any screw thanks to the forged double hex.
- Thinner than conventional rings – facilitating work in confined spaces.
- Higher than standard nuts – prevents the spanner jamming on the nut.

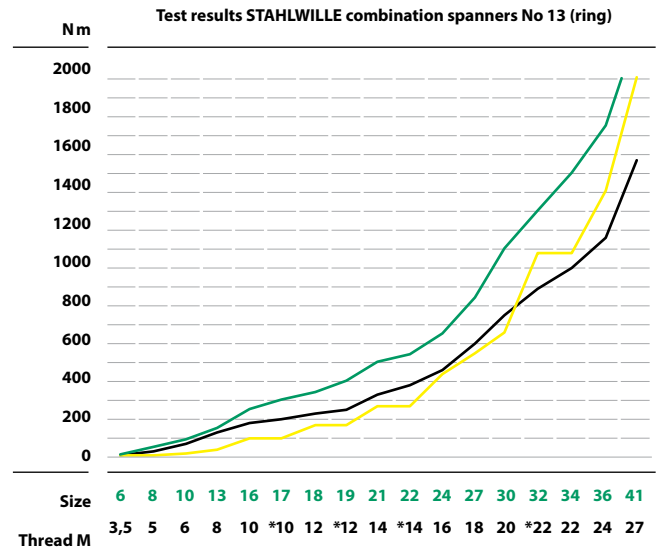
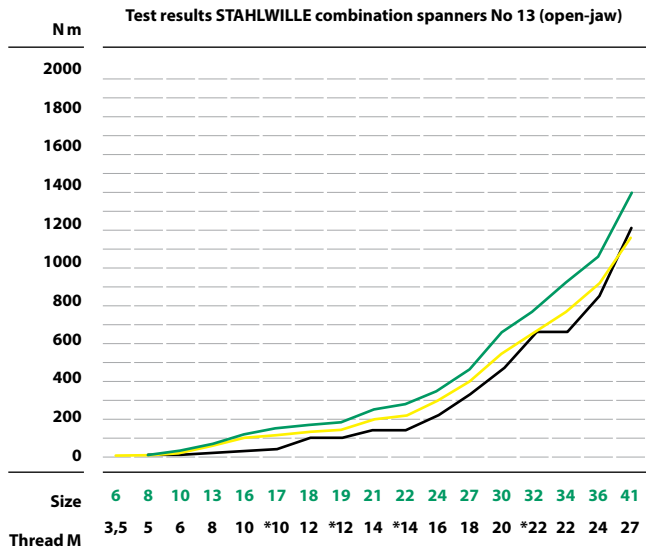
5

QUALITY ASSURED

STAHlwILLE's Quality Assurance System was awarded an internationally recognised certificate in accordance with DIN ISO 9001 by the DQS (German Association for the Certification of Quality Assurance Systems).



This one – and the next one: tailored to fit – perfect chrome plating



— Test results for STAHLWILLE
 — Test results to DIN 899 or ISO 1711
 — Clamping torque for 8.8 screws at 100% tensile yield strength ($\mu = 0,14$)
 *Reference to older screw thread standards

— Test results for STAHLWILLE
 — Test results to DIN 899 or ISO 1711
 — Clamping torque for 12.9 screws at 100% tensile yield strength ($\mu = 0,14$)



Load zones in standard-quality spanners



Load zones in spanners by STAHLWILLE



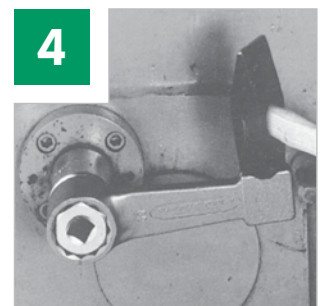
Open-jaw spanners in oil



Absolutely resistant to bending thanks to the double-T profile



Snug-fitting, skin-friendly surfaces thanks to STAHLWILLE's rounded finish



STAHLWILLE No 8 striking face double hex box-spanners are tougher, thinner and higher.

TOOL SOLUTIONS FOR AIRCRAFTS

- AOG
- Mobile Maintenance
- Tool Kits
- Maintenance Kits
- Cabin Kits
- Line Maintenance Sets



Everything in its place and a place for everything. A working environment with interdependent processes and tight schedules requires sophisticated, intelligent and intuitive tool storage. The same holds true for safety-critical maintenance operations, such as aerospace and food processing plants.

The STAHlwILLE Tool Control System combines the highest degree of safety and efficiency with the confidence that no tool is left where it may pose a security risk.

Originally developed for the aerospace industry together with leading aerospace manufacturers, the award-winning STAHlwILLE Tool Control System gives you control over your tools and ensures a high level of organisation and security.



13232a
Cabin Kit Systems Mechanic Imperial



13225a
Line Maintenance Set imperial



13237
Maintenance Mechanic Eurocopter
Metric + Imperial



Code 97 83 00 74
21.07 kg, 46.46 lbs
Number of tools: 253 ·
Tool trolley not included.

13223
AOG Kit Avionic Metric



VALUE PACKS

SWVP10/6

6 Piece Metric Double Open Ended Spanner Set

Contents	Ø mm	L mm
4003 10 11	10 x 11	155
4003 12 13	12 x 13	170
4003 14 15	14 x 15	190
4003 16 17	16 x 17	205
4003 18 19	18 x 19	220
4003 20 22	20 x 22	235



SW Code	Item Code	Description
SWVP10/6	709728	6 Piece in plastic display pack

SWVP14/8

8 Piece Long Metric Ring Open End Spanner Set

Contents	Ø mm	L mm
40 10 08 08	8	145
40 10 10 10	10	165
40 10 12 12	12	180
40 10 13 13	13	195
40 10 14 14	14	210
40 10 15 15	15	215
40 10 17 17	17	240
40 10 19 19	19	265



SW Code	Item Code	Description
SWVP14/8	709739	8 Piece in plastic display pack

SWVP10a/5

5 Piece Imperial Double Open Ended Spanner Set

Contents	Ø "	L mm
40 43 24 28	3/8x7/16	155
40 43 32 34	1/2x9/16	205
40 43 36 38	5/8x11/16	205
40 43 40 44	3/4x7/8	235
40 43 46 48	15/16x1	270



SW Code	Item Code	Description
SWVP10 a/5	709732	5 Piece in plastic display pack

SWVP20/5

5 Piece Metric Ring Spanner Set

Contents	Ø mm	L mm
41 04 10 11	10x11	200
41 04 12 13	12x13	220
41 04 14 15	14x15	245
41 04 16 17	16x17	255
41 04 18 19	18x19	275



SW Code	Item Code	Description
SWVP20/5	709742	5 Piece in plastic display pack

SWVP13/9

9 Piece Metric Ring Open End Spanner Set

Contents	Ø mm	L mm
4008 08 08	8	115
4008 10 10	10	125
4008 12 12	12	140
4008 13 13	13	160
4008 14 14	14	165
4008 15 15	15	170
4008 16 16	16	180
4008 17 17	17	190
4008 19 19	19	230



SW Code	Item Code	Description
SWVP13/9	709734	9 Piece in plastic display pack

SWVP20a/5

5 Piece Imperial Ring Spanner Set

Contents	Ø "	L mm
41 44 16 20	1/4x5/16	180
41 44 24 28	3/8x7/16	200
41 44 32 34	1/2x9/16	220
41 44 36 40	5/8x3/4	270
41 44 38 42	11/16x13/16	300



SW Code	Item Code	Description
SWVP20a/5	709746	5 Piece in plastic display pack

SWVP13a/7

7 Piece Imperial Ring Open End Spanner Set

Contents	Ø "	L mm
40 48 24 24	3/8	125
40 48 28 28	7/16	135
40 48 32 32	1/2	160
40 48 34 34	9/16	165
40 48 36 36	5/8	180
40 48 38 38	11/16	200
40 48 40 40	3/4	230



SW Code	Item Code	Description
SWVP13 a/7	709736	7 Piece in plastic display pack

SWVP21/4

4 Piece Metric Short Ring Spanner Set

Contents	Ø mm	L mm
41 05 08 10	8x10	115
41 05 12 13	12x13	150
41 05 14 15	14x15	165
41 05 16 17	16x17	170



SW Code	Item Code	Description
SWVP21/4	709748	4 Piece in plastic display pack

SWVP21TX/4 4 Piece Torx® Double Ended Spanner Set

Contents	⌀ mm	L mm
41 25 06 08	E6XE8	115.5
41 25 10 12	E10XE12	149.5
41 25 14 18	E14XE18	185
41 25 20 24	E20XE24	227



SW Code	Item Code	Description
SWVP21TX/4	709750	4 Piece in plastic display pack

SWVP54/6 6 Piece Metric Inhex 1/2" Drive Socket Set

Contents	⌀ mm	L mm
03 05 00 05	5	60
03 05 00 06	6	60
03 05 00 08	8	60
03 05 00 10	10	60
03 05 00 12	12	60
03 05 00 14	14	60
80 45 00 01	clipstrip	



SW Code	Item Code	Description
SWVP54/6	709766	6 Piece on clipstrip with plastic display pack

SWVP24/3 3 Piece Metric Flare Nut Spanner Set

Contents	⌀ mm	L mm
41 08 08 10	8x10	145
41 08 11 13	11x13	170
41 08 12 14	12x14	180



SW Code	Item Code	Description
SWVP24/3	709755	3 Piece in plastic display pack

SWVP2049/5 5 Piece Metric Long Inhex 3/8" Drive Socket Set

Contents	⌀ mm	L mm
02 15 10 04	4	100
02 15 10 05	5	100
02 15 10 06	6	100
02 15 12 08	8	100
02 15 12 10	10	100



SW Code	Item Code	Description
SWVP2049/5	709744	5 Piece in plastic display pack

SWVP24A/2 2 Piece Imperial Flare Nut Spanner Set

Contents	"	L mm
41 48 24 28	$\frac{3}{8} \times \frac{7}{16}$	155
41 48 32 34	$\frac{1}{2} \times \frac{9}{16}$	180



SW Code	Item Code	Description
SWVP24a/2	709757	2 Piece in plastic display pack

SWVP1054/4 4 Piece Metric Long Inhex 1/2" Drive Socket Set

Contents	⌀ mm	L mm
03 15 12 06	6	120
03 15 12 08	8	100
03 15 14 10	10	140
03 15 14 12	12	140



SW Code	Item Code	Description
SWVP1054/4	709730	4 Piece in plastic display pack

SWVP49/5 5 Piece Metric Inhex 3/8" Drive Socket Set

Contents	⌀ mm	L mm
02 05 00 03	3	52
02 05 00 04	4	52
02 05 00 05	5	52
02 05 00 06	6	52
02 05 00 08	8	52
80 45 00 01	clipstrip	



SW Code	Item Code	Description
SWVP49/5	709764	5 Piece on clipstrip with plastic display pack

GLOVE Mechanics Gloves

Close fitting padded gloves for professional workshop use. Gives protection, comfort and allows the user to carry out delicate work without loss of finger sensitivity

*Spanner shown not included



SW Code	Item Code	Size
SWGLOVE-M	709597	Medium
SWGLOVE-L	709596	Large
SWGLOVE-XL	709598	X-Large

10 Double open ended spanners

DIN 3110, ISO 10102 (metric sizes),
Chrome Alloy Steel, chrome plated.



SWCode	Item Code	mm/"	L mm	b ₁ mm	b ₂ mm	a mm	g	
40 03 04 05	705041	4 x 5	100	12.5	14	3.4	11	10
40 03 05 07	705042	5.5 x 7	120	14.8	17	3.7	19	10
40 03 06 07	705043	6 x 7	120	15.5	17	3.7	17	10
40 03 07 08	705044	7 x 8	140	17	18	4	25	10
40 03 08 09	705046	8 x 9	140	18	21	4	21	10
40 03 08 10	705045	8 x 10	140	18	23	4.5	33	10
40 03 10 11	705008	10 x 11	155	23	26	4.8	40	10
40 03 10 12	705009	10 x 12	170	23	28	5.3	51	10
40 03 10 13	705010	10 x 13	170	23	30	5.3	57	10
40 03 11 13	705011	11 x 13	170	26	30	5.3	55	10
40 03 12 13	705012	12 x 13	170	28	30	5.3	64	10
40 03 12 14	705013	12 x 14	170	28	32	5.3	63	10
40 03 13 14	705014	13 x 14	190	30	32	5.3	70	10
40 03 13 15	705015	13 x 15	190	30	35	5.3	73	10
40 03 13 17	705016	13 x 17	205	30	38	5.8	92	10
40 03 14 15	705017	14 x 15	190	32	35	5.3	81	10
40 03 14 17	705018	14 x 17	205	32	38	5.8	99	10
40 03 16 17	705019	16 x 17	205	36	38	5.8	100	10
40 03 16 18	705020	16 x 18	220	36	40	6.7	125	10
40 03 17 19	705021	17 x 19	220	38	42	6.7	131	10
40 03 18 19	705022	18 x 19	220	40	42.5	6.7	147	10
40 03 18 21	705023	18 x 21	235	40	47	7.3	170	10
40 03 19 22	705024	19 x 22	235	42	49	7.3	179	10
40 03 20 22	705025	20 x 22	235	45	49	7.3	185	10
40 03 21 23	705027	21 x 23	250	47	51	7.8	225	5
40 03 21 24	705028	21 x 24	250	47	53	7.8	215	5
40 03 22 24	705029	22 x 24	250	49	53	7.8	232	5
40 03 24 26	705030	24 x 26	270	53	57.5	8.3	293	5
40 03 24 27	705031	24 x 27	280	53	60	8.3	299	5
40 03 25 28	705032	25 x 28	285	55	62	8.3	309	5
40 03 27 30	705033	27 x 30	300	60	66	9.4	412	5
40 03 27 32	705034	27 x 32	300	60	70	9.4	418	5
40 03 30 32	705035	30 x 32	300	66	70	9.4	451	5
40 03 30 34	705036	30 x 34	300	66	75	9.4	480	5
40 03 32 36	705037	32 x 36	325	70	80	10	546	5
40 03 34 36	705038	34 x 36	325	75	80	10	619	1
40 03 36 41	705039	36 x 41	375	80	88	11	800	1
40 03 41 46	705040	41 x 46	425	88	94.5	12	1040	1

10a Double open ended spanners

SWCode	Item Code	mm/"	L mm	b ₁ mm	b ₂ mm	a mm	g	
40 43 16 20	705048	1/4 x 5/16	140	16	18	4	21	10
40 43 20 24	705056	5/16 x 3/8	140	18	23	4.5	34	10
40 43 24 28	705055	3/8 x 7/16	155	23	26	4.8	48	10
40 43 28 32	705059	7/16 x 1/2	170	26	30	5.3	58	10
40 43 32 34	705047	1/2 x 9/16	190	30	32	5.3	73	10
40 43 34 36	705061	9/16 x 5/8	205	32	36	5.8	96	10
40 43 35 38	705052^	19/32 x 11/16	205	35	40	5.8	105	10
40 43 36 38	705057	5/8 x 11/16	205	36	40	5.8	101	10
40 43 36 40	705058	5/8 x 3/4	220	36	42	6.7	135	10
40 43 38 40	705050	11/16 x 3/4	220	40	42	6.7	135	10
40 43 38 42	705049	11/16 x 13/16	235	40	47	7.3	167	10
40 43 40 44	705054	3/4 x 7/8	235	42	49	7.3	177	10
40 43 41 42	705053^	25/32 x 13/16	235	45	47	7.3	190	10
40 43 44 46	705060	7/8 x 15/16	250	49	53	7.8	235	10
40 43 46 48	705051^	15/16 x 1	270	53	55	8.3	303	5
40 43 52 58	705576^	1 1/8 x 1 5/16	300	64	75	9.4	502	5



Sets: Double open ended spanners

SW Code	Item Code	No.	Content mm/"	g
96 40 03 05	705067	10/8	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22mm	693
96 40 03 12	705070^	10/9 ¹⁾	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 24mm	945
96 40 03 07	705062^	10/10	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	1540
96 40 03 13	705063^	10/11 ¹⁾	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 36mm	2149
96 40 03 06	705065	10/12	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; 25 x 28; 30 x 32mm	2125
96 40 43 06	705579	10a/7	1/4 x 5/16; 3/8 x 7/16; 1/2 x 9/16; 5/8 x 3/4; 11/16 x 13/16; 7/8 x 15/16; 1 1/8 x 1 5/16"	1242
96 40 43 07	705578^	10a/11	1/4 x 5/16; 3/8 x 7/16; 1/2 x 9/16; 5/8 x 3/4; 11/16 x 13/16; 7/8 x 15/16; 1 1/8 x 1 5/16"	1870

Standard packing: clear view wallet.
¹⁾ in convenient clip holder

Plastic-wallets for sets of spanners

SW Code	Item Code	Wallet No.	For Set No.	g
83 40 03 06	704998^	010/12	10/12*, 10a/11*	276
83 40 46 01	705001^	012/10	12/10 Pc	41
83 40 06 01	705002^	012/15	12/15 Pc, 12a/13 Pc	68
83 41 07 04	705007^	023/8	23/8*	123

* Plastic-wallets must be ordered separately!

Set: Combination spanners OPEN-BOX



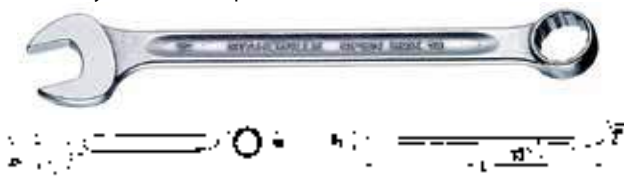
SW Code	Item Code	Content mm/"	g
SW13/22 TCS	706038	5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32mm	4200
SW13a/22 TCS	706119	5/16; 7/16; 3/8; 1/2; 9/16; 5/8; 3/4; 7/8; 1; 1 1/8; 1 1/4; 1 1/2; 1 3/4; 1 7/8; 2; 2 1/4; 2 1/2; 2 3/4; 3; 3 1/4; 3 1/2; 3 3/4; 4; 4 1/4; 4 1/2; 4 3/4; 5; 5 1/4; 5 1/2; 5 3/4; 6; 6 1/4; 6 1/2; 6 3/4; 7; 7 1/4; 7 1/2; 7 3/4; 8; 8 1/4; 8 1/2; 8 3/4; 9; 9 1/4; 9 1/2; 9 3/4; 10; 10 1/4; 10 1/2; 10 3/4; 11; 11 1/4; 11 1/2; 11 3/4; 12; 12 1/4; 12 1/2; 12 3/4; 13; 13 1/4; 13 1/2; 13 3/4; 14; 14 1/4; 14 1/2; 14 3/4; 15; 15 1/4; 15 1/2; 15 3/4; 16; 16 1/4; 16 1/2; 16 3/4; 17; 17 1/4; 17 1/2; 17 3/4; 18; 18 1/4; 18 1/2; 18 3/4; 19; 19 1/4; 19 1/2; 19 3/4; 20; 20 1/4; 20 1/2; 20 3/4; 21; 21 1/4; 21 1/2; 21 3/4; 22; 22 1/4; 22 1/2; 22 3/4; 24; 24 1/4; 24 1/2; 24 3/4; 27; 27 1/4; 27 1/2; 27 3/4; 30; 30 1/4; 30 1/2; 30 3/4; 32mm	4300

Standard packing: TCS Inlay. Foam Size: 600x400x30mm
Fits drawers in most roller cabinets (drawer shown not included)

13 Combination spanners OPEN-BOX



DIN 3113 form A/ISO 7738 form A (metric sizes),
Chrome Alloy Steel, chrome plated.



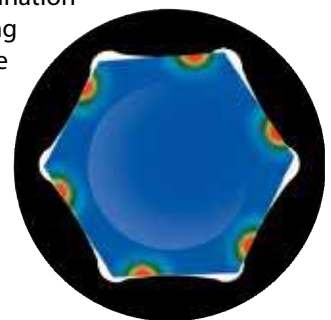
SW Code	Item Code	mm	L mm	b mm	d mm	a ₁ mm	a ₂ mm	g	
40 08 55 00	705969	5.5	100	14.8	9.2	3.5	5.8	13	10
40 08 06 06	705972	6	105	15.5	9.9	3.6	6	15	10
40 08 07 07	705974	7	110	17	11.3	3.9	6	20	10
40 08 08 08	705975	8	115	18	12.4	4.2	7	21	10
40 08 09 09	705976	9	120	21	13.4	4.5	7	27	10
40 08 10 10	705941	10	125	23	14.8	4.8	7	35	10
40 08 11 11	705942	11	135	26	16.4	4.8	8	43	10
40 08 12 12	705943	12	140	28	17.8	5.3	8.5	46	10
40 08 13 13	705944	13	160	30	19.1	5.3	8.5	57	10
40 08 14 14	705945	14	165	32	20.6	5.3	8.5	68	10
40 08 15 15	705946	15	170	35	21.9	5.3	8.5	73	10
40 08 16 16	705947	16	180	36	23.2	5.8	10	89	10
40 08 17 17	705948	17	190	38	24.6	5.8	10	99	10
40 08 18 18	705949	18	200	40	26	6.7	11.5	126	10
40 08 19 19	705950	19	230	42	27.5	6.7	11.5	142	10
40 08 20 20	705951	20	230	45	29	7	13	176	10
40 08 21 21	705952	21	260	47	30.3	7.3	13	216	10
40 08 22 22	705953	22	260	49	31.8	7.3	13	220	10
40 08 23 23	705954	23	280	53	33.5	7.8	14	251	5
40 08 24 24	705955	24	280	53	34.9	7.8	14	254	5
40 08 25 25	705956	25	300	55	36.3	8.4	14.5	281	5
40 08 26 26	705957	26	300	57.5	37.8	8.4	14.5	315	5
40 08 27 27	705958	27	300	60	39.2	8.4	14.5	345	5
40 08 28 28	705959	28	320	62	40.6	8.4	14.5	368	5
40 08 29 29	705960	29	330	64	41.9	8.9	16	420	5
40 08 30 30	705961	30	330	66	43.2	8.9	16	404	5
40 08 32 32	705962	32	360	70	45.8	9.4	16.5	484	5
40 08 34 34	705963	34	450	80	48	9.4	17	683	1
40 08 36 36	705965	36	460	88	50.8	10	18	787	1
40 08 38 38	705966	38	480	87	53.6	11	19	915	1
40 08 41 41	705967	41	480	88	57.8	11	19	1055	1
40 08 46 46	705968	46	500	94.5	65.2	13	20	1352	1
40 08 50 50	705970	50	530	103	73	14	21	1700	1
40 08 55 55	705971	55	560	114	81	15	22	2193	1
40 08 60 60	705973	60	590	125	89.8	16	24	2825	1

13a Combination spanners OPEN-BOX

SW Code	Item Code	mm	L mm	b mm	d mm	a ₁ mm	a ₂ mm	g	
40 48 12 12	706010	3/16	95	14	9.8	3	3.2	10	5
40 48 13 13	706002	13/64	95	14	9.8	3	3.2	10	5
40 48 14 14	706021	7/32	95	14	9.8	3	3.2	10	5
40 48 15 15	706005	15/64	95	14	9.8	3	3.2	9	5
40 48 16 16	705994	1/4	105	15.5	10.2	3.6	6	14	10
40 48 18 18	706026	9/32	110	17	11.3	3.9	6	17	10
40 48 20 20	706015	5/16	115	18	12.4	4.2	7	20	10
40 48 22 22	705998	11/32	120	21	13.4	4.5	7	26	10
40 48 24 24	706013	3/8	125	23	14.3	4.8	7	32	10
40 48 28 28	706019	7/16	135	26	16.4	4.8	8	41	10
40 48 32 32	705992	1/2	160	30	18.8	5.3	8.5	57	10
40 48 34 34	706024	9/16	165	32	20.6	5.3	8.5	68	10
40 48 35 35	706006	19/32	170	35	21.9	5.3	8.5	74	10
40 48 36 36	706017	5/8	180	37	23.2	5.8	10	88	10
40 48 38 38	705996	11/16	200	40	25.3	6.7	11.5	116	10
40 48 40 40	706011	3/4	230	42	27.5	6.7	11.5	144	10
40 48 41 41	706009	25/32	235	45	29	7	13	175	5
40 48 42 42	706000	13/16	260	47	30	7.3	13	204	5
40 48 44 44	706023	7/8	260	49	31.8	7.3	13	217	5
40 48 46 46	706003	15/16	280	53	34.9	7.8	14	255	5
40 48 48 48	705977	1	300	55	37.2	8.4	14.5	286	5
40 48 50 50	705978	1 1/16	300	60	39.2	8.4	14.5	327	5
40 48 52 52	705983	1 1/8	330	64	41.4	8.9	16	380	5
40 48 54 54	705986	1 3/16	335	66	43.2	8.9	16.5	398	1
40 48 56 56	705981	1 1/4	360	70	45.8	9.4	16.5	504	5
40 48 58 58	705988	1 5/16	450	74	47	9.6	17	617	1
40 48 60 60	705987	1 3/8	460	80	49.3	10	18	796	1
40 48 62 62	705990	1 7/16	460	80	51.4	10	18	770	1
40 48 64 64	705980	1 1/2	480	87	53.6	11	19	961	1
40 48 66 66	705989	1 5/8	480	88	58	11	19	1021	1
40 48 69 69	705985	1 13/16	500	94.5	65.3	13	20	1343	1
40 48 70 70	705991	1 7/8	530	103	68.4	14	21	1779	1
40 48 72 72	706008	2	530	103	74	14	21	1817	1

STAHLOWILLE'S AS Drive

The rings of STAHLOWILLE 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: Combination spanners OPEN-BOX

SW Code	Item Code	No.	Content mm/"	△△ g
96 40 08 13	706040 [△]	13/6 ³⁾	7; 8; 10; 13; 17; 19mm	430
96 40 08 01	706041 [△]	13/9	9; 10; 11; 12; 13; 14; 17; 19; 22mm	758
96 40 08 08	706027	13/10KT ¹⁾	8; 9; 10; 11; 12; 13; 14; 15; 17; 19mm	746
96 40 08 02	706030 [△]	13/11	8; 9; 10; 11; 12; 13; 14; 15; 17; 19; 22mm	915
96 40 08 03	706032 [△]	13/15	6; 7; 8; 9; 10; 11; 12; 13; 17; 19; 22; 24; 27; 30; 32mm	2236
96 40 08 16	706033 [△]	13/16 ²⁾	7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24mm	1620
96 40 08 04	706034 [△]	13/17	6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22mm	1493
96 40 08 05	706039	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; 32mm	4705
96 40 48 03	706121 [△]	13a/8	7/16; 1/2; 9/16; 5/8; 11/16; 3/4; 13/16; 7/8"	959
96 40 48 12	706113	13a/10KT ¹⁾	1/4; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16; 5/8; 11/16; 3/4"	750
96 40 48 04	706118	13a/20 ²⁾	1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16; 19/32; 5/8; 11/16; 3/4; 25/32; 13/16; 7/8; 15/16; 1; 1 1/16; 1 1/8; 1 1/4"	3210

Standard packing: clear view wallet.

¹⁾ carton with clear view cover

²⁾ packed in carton

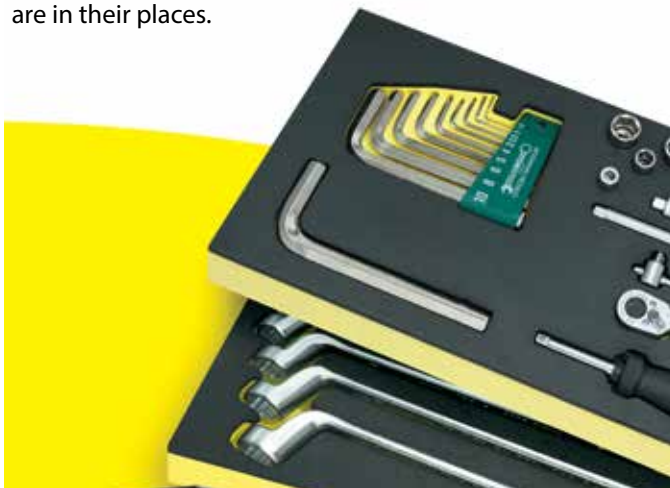
³⁾ in convenient clip holder



Tool Control System

The safety inlay system

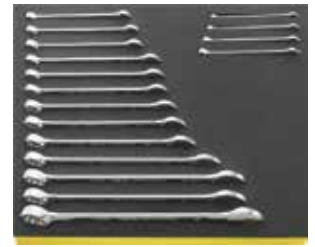
Designed to fit Stahlwille Tool Trolleys and Tool Boxes
With yellow signal cut-outs to show whether all tools
are in their places.



TCS 13/17



Foam: 350 x 350 x 60mm



SW Code	Item Code	No.	Content mm	△△ g
96 83 01 64	706035 [△]	TCS 13/17	6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24mm	1615

TCS 13/21



in TCS inlay

Foam: 530 x 350 x 75mm



SW Code	Item Code	No.	Content mm	△△ g
96 83 01 74	706037 [△]	TCS 13/21	6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24; 27; 30; 32; 34mm	3571

14

Combination spanners OPEN-BOX, long



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



SW Code	Item Code	□ mm	L mm	b mm	d mm	a ₁ mm	a ₂ mm	t mm	△△ g	📦
40 10 06 06	706158	6	125	14	9.5	4.5	6	7	18	10
40 10 07 07	706160	7	135	16	10.8	5	7	8	25	10
40 10 08 08	706162	8	145	17.5	12.1	5	7	8	28	10
40 10 09 09	706164	9	155	19	13.3	5.5	8	9	34	10
40 10 10 10	706122	10	165	21	14.6	5.5	8	9	43	10
40 10 11 11	706124	11	180	23.5	15.9	6	9	10	55	10
40 10 12 12	706126	12	180	25.5	17.3	6	9	10	61	10
40 10 13 13	706128	13	195	27.5	18.6	6.5	10	11	83	10
40 10 14 14	706130	14	210	29.5	20.1	6.5	10	11	88	10
40 10 15 15	706132	15	215	31	21.4	7	11	13	109	10
40 10 16 16	706134	16	230	33	22.7	7	11	14	108	10
40 10 17 17	706136	17	240	35	24.1	7.5	12	15	151	10
40 10 18 18	706138	18	255	37	25.5	7.5	12	16	151	10
40 10 19 19	706140	19	265	39.5	27	8	13	18	190	10
40 10 20 20	706142	20	280	41.5	28.5	8	13	19	219	10
40 10 21 21	706143	21	280	43	29.8	8.5	13	19	244	10
40 10 22 22	706144	22	300	45	31.3	8.5	14	20	268	10
40 10 24 24	706147	24	330	50	34.3	9.5	14	22	363	5
40 10 27 27	706150	27	385	56	38.6	10.5	16	24	502	5
40 10 30 30	706152	30	415	63	42.6	12	18	26	645	5
40 10 32 32	706153	32	430	67	45.2	12	18	27	666	5
40 10 34 34	706155	34	460	72	48	13	18	27	900	1
40 10 36 36	706156	36	480	74	50.8	13	19	28	951	1
40 10 41 41	706157	41	560	84	57.8	14	20	32	1322	1



Sets: Combination spanners OPEN-BOX, long

SW Code	Item Code	No.	Content mm	⚖️ g
96 40 10 08	706177	14/6 ²⁾	10; 13; 17; 19; 22; 24mm	1175
96 40 10 09	706181 [^]	14/9 ²⁾	10; 11; 13; 17; 19; 22; 24; 27; 30mm	2395
96 40 10 07	706169	14/10 KT ¹⁾	8; 10; 11; 12; 13; 14; 16; 17; 18; 19mm	1235
96 40 10 06	706170 [^]	14/11	8; 9; 10; 11; 12; 13; 14; 15; 17; 19; 22mm	1465
96 40 10 04	706171	14/15	6; 7; 8; 9; 10; 11; 12; 13; 17; 19; 22; 24; 27; 30; 32mm	3370
96 40 10 10	706174 [^]	14/15N ²⁾	10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24; 27; 30mm	3165
96 40 10 05	706175 [^]	14/17	6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22mm	1874

Standard packing: clear view wallet.

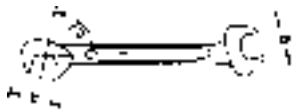
¹⁾ packed in plastic with transparent cover

²⁾ packed in carton

12

Small double open ended spanners ELECTRIC

Chrome Alloy Steel, chrome plated.



SW Code	Item Code	⚙️ mm	L mm	b mm	a mm	⚖️ g	📦
40 06 32 32	705682	3.2	70	10.5	2	5	10
40 06 35 35	705683	3.5	70	10.5	2	5	10
40 06 04 04	705684	4	70	10.5	2	5	10
40 06 45 45	705685	4.5	70	10.5	2	5	10
40 06 05 05	705686	5	78	12.6	2	7	10
40 06 55 55	705687	5.5	78	12.6	2	7	10
40 06 06 06	705688	6	78	12.6	2	6	10
40 06 07 07	705689	7	91	14.7	2	9	10
40 06 08 08	705690	8	96	16.8	3	16	10
40 06 09 09	705691	9	103	18.9	3	19	10
40 06 10 10	705676	10	105	21	3	22	10
40 06 11 11	705677	11	116	24.2	3	27	10
40 06 12 12	705678	12	116	24.2	3	27	10
40 06 13 13	705679	13	131	28.3	3	37	10
40 06 14 14	705680	14	131	28.3	3	36	10

12a

Small double open ended spanners ELECTRIC

SW Code	Item Code	⚙️ "	L mm	b mm	a mm	⚖️ g	📦
40 46 10 10	705700	5/32	70	10.5	2	5	10
40 46 12 12	705697	3/16	70	10.5	2	5	10
40 46 13 13	705695	13/64	78	12.6	2	7	10
40 46 14 14	705702	7/32	78	12.6	2	6	10
40 46 15 15	705696	15/64	78	12.6	2	6	10
40 46 16 16	705693	1/4	91	14.7	2	9	10
40 46 18 18	705704	9/32	91	14.7	2	9	10
40 46 20 20	705699	5/16	96	16.8	3	16	10
40 46 22 22	705694	11/32	103	18.9	3	19	10
40 46 24 24	705698	3/8	105	21	3	22	10
40 46 28 28	705701	7/16	116	24.2	3	28	10
40 46 32 32	705692	1/2	131	28.3	3	37	10
40 46 34 34	705703	9/16	131	28.3	3	36	10



Sets: Small double open ended spanners ELECTRIC

SW Code	Item Code	No.	Content mm/"	⚖️ g
96 40 06 53	705705	12/10Pc	4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11mm	161
96 40 06 51	705706	12/15Pc	3.2; 3.5; 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14mm	296
96 40 46 54	705940	12a/13Pc	5/32; 3/16; 13/64; 7/32; 15/64; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"	270

Pc: in plastic-wallet

The modular tool tray system



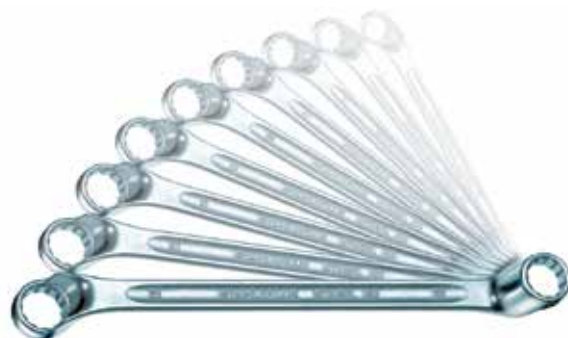
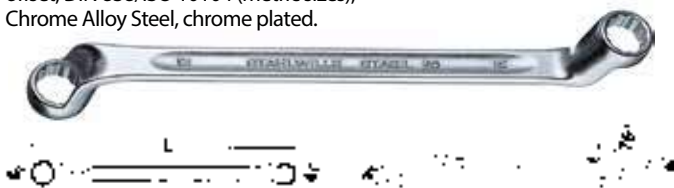
Made in Germany

20 Double ended ring spanners

AS-drive

StahlwilleSTABIL®

offset, DIN 838/ISO 10104 (metric sizes),
Chrome Alloy Steel, chrome plated.



SW Code	Item Code	Ø mm	L mm	d ₁ mm	d ₂ mm	a ₁ mm	a ₂ mm	t mm	g	⚖️	📦
41 04 06 07	706354	6 x 7	165	10.5	11.8	6	7	18	46	10	
41 04 08 09	706357	8 x 9	180	13.1	14.5	7	8	20	62	10	
41 04 08 10	706356	8 x 10	180	13.1	15.8	7	9	21	61	10	
41 04 10 11	706327	10 x 11	200	15.8	17.2	9	9	23	93	10	
41 04 10 13	706329 [^]	10 x 13	220	15.8	20	9	10	25	122	10	
41 04 12 13	706330	12 x 13	220	18.6	20	9	10	25	126	10	
41 04 13 17	706331	13 x 17	245	20	25.3	10	12	27	169	10	
41 04 14 15	706332	14 x 15	245	21.3	22.6	10	12	27	163	10	
41 04 16 17	706334	16 x 17	255	23.9	25.3	11	12	27	181	10	
41 04 17 19	706336	17 x 19	270	25.3	28	12	13	29	220	10	
41 04 18 19	706337	18 x 19	275	26.6	28	12	13	29	228	10	
41 04 18 21	706338	18 x 21	300	26.6	30.7	12	13	31	279	10	
41 04 19 22	706339	19 x 22	300	28	32.1	13	14	31	315	10	
41 04 20 22	706340	20 x 22	300	29.4	32.1	13	14	31	317	5	
41 04 21 23	706341	21 x 23	315	30.7	33.4	13	14	31	312	5	
41 04 21 24	706342	21 x 24	330	30.7	34.7	13	14	34	384	5	
41 04 22 24	706343	22 x 24	330	32.1	34.7	14	14	34	368	5	
41 04 24 26	706344	24 x 26	330	34.7	37.3	14	15	34	427	5	
41 04 24 27	706345	24 x 27	330	34.7	38.6	14	15	34	447	5	
41 04 25 28	706346	25 x 28	350	36	40	14	15	34	414	5	
41 04 27 30	706347	27 x 30	360	38.3	42.6	15	15	37	595	5	
41 04 27 32	706348	27 x 32	360	39.3	47.2	15	16	37	596	5	
41 04 30 32	706349	30 x 32	365	42.6	45.4	15	16	37	603	5	
41 04 30 34	706350	30 x 34	365	42.6	48	15	16	37	670	1	
41 04 34 36	706351 [^]	34 x 36	400	48	51	16	17	38	750	1	
41 04 36 41	706352	36 x 41	440	53	60	17	18	40	1063	1	
41 04 46 50	706353	46 x 50	535	65.2	73	19	20	45	1015	1	

Sets: Double ended ring spanners

StahlwilleSTABIL®

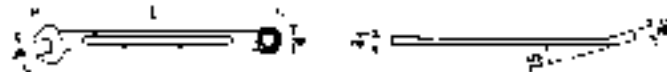
offset.

SW Code	Item Code	No.	Content mm/"	⚖️
96 41 04 08	706378	20/7N	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19mm	930
96 41 04 05	706379 [^]	20/8	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22mm	1291
96 41 04 09	706381 [^]	20/9	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 24mm	1650
96 41 04 07	706374	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 32mm	2331
96 41 04 06	706377 [^]	20/12	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; 25 x 28; 30 x 32mm	3137
96 41 44 02	706408	20a/6	1/4 x 5/16; 3/8 x 7/16; 1/2 x 9/16; 5/8 x 3/4; 11/16 x 13/16; 7/8 x 15/16"	1244
96 41 44 05	706407	20a/10	1/4 x 5/16; 3/8 x 7/16; 1/2 x 9/16; 9/16 x 5/8; 19/32 x 11/16; 5/8 x 3/4; 11/16 x 13/16; 3/4 x 7/8; 25/32 x 13/16; 7/8 x 15/16"	2260

Standard packing: carton

16 Combination spanners OPEN-BOX

ISO 3318,
Chrome Alloy Steel,
chrome plated.



SW Code	Item Code	Ø mm	L mm	b mm	d mm	a ₁ mm	a ₂ mm	g	⚖️	📦
40 09 32 32	706293 [^]	3.2	75	10	6.6	3	3.2	6	10	
40 09 35 35	706294 [^]	3.5	75	10	6.6	3	3.2	6	10	
40 09 40 40	706295	4	85	12.5	7.8	3	3.2	9	10	
40 09 45 45	706296 [^]	4.5	85	12.5	7.8	3	3.2	8	10	
40 09 50 50	706297	5	95	14	9.8	3	3.2	11	10	

16/5Pc Set: Combination spanners OPEN-BOX



SW Code	Item Code	No.	Content mm	⚖️
96 40 09 02	706298	16/5Pc	3.2; 3.5; 4; 4.5; 5mm	46

Pc: in green plastic-wallet

20a Double ended ring spanners

SW Code	Item Code	Ø "	L mm	d ₁ mm	d ₂ mm	a ₁ mm	a ₂ mm	t mm	g	⚖️	📦
41 44 16 20	706359	1/4 x 5/16	180	11.8	13.1	7	7	20	61	10	
41 44 24 28	706365	3/8 x 7/16	200	15.8	17.2	9	9	23	88	10	
41 44 32 34	706358	1/2 x 9/16	220	20	21.3	9	10	25	131	10	
41 44 34 36	706368	9/16 x 5/8	245	21.3	25.3	10	12	27	168	10	
41 44 35 38	706362	19/32 x 11/16	255	23.9	25.3	11	12	27	177	10	
41 44 36 40	706366	5/8 x 3/4	270	23.9	28	12	13	29	235	10	
41 44 38 42	706360	11/16 x 13/16	300	25.3	30.7	12	13	31	280	5	
41 44 40 44	706364	3/4 x 7/8	300	28	32.1	13	14	31	299	5	
41 44 41 42	706363	25/32 x 13/16	300	29.4	32.1	13	14	31	333	5	
41 44 44 46	706367	7/8 x 15/16	330	32.1	34.7	14	14	34	363	5	
41 44 46 48	706361	15/16 x 1	330	34.7	37.3	14	15	34	419	5	
41 44 52 58	706406 [^]	1 1/8 x 1 3/16	365	42.6	45.4	15	16	37	581	1	

SWVP23/5 5 Piece Metric Ring Spanner Set

Contents	Ø mm	L mm
41 07 10 11	10 x 11	188
41 07 12 13	12 x 13	203
41 07 14 15	14 x 15	219
41 07 16 17	16 x 17	248
41 07 18 19	18 x 19	251

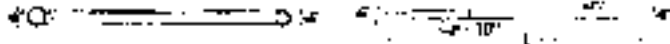


SW Code	Item Code	Description
SWVP23/5	709752	5 Piece in plastic display pack

230a Double ended ring spanners



shallow offset, SAE AS 954 (dimensions and test loads);
Fed. Spec. GGG-W-636E,
S.B.A.C. Techn. Spec. T.S. 48 up to size 1/2",
HPQ high performance steel, chrome plated.



SW Code	Item Code	Size	L	d ₁	d ₂	a ₁	a ₂	t ₁	t ₂	Δ	g
41 61 16 20	706514 ^Δ	1/4 x 5/16	180	10.2	11.9	5.2	6	7.9	8.8	36	10
41 61 20 22	706520 ^Δ	5/16 x 11/32	195	11.9	13.5	7	8	8	9	45	10
41 61 20 24	706521 ^Δ	5/16 x 3/8	195	11.9	14.6	6	7.9	10.8	12.4	54	10
41 61 24 28	706519 ^Δ	3/8 x 7/16	215	14.6	16.7	7.9	8.7	11.4	11.7	74	10
41 61 28 32	706523 ^Δ	7/16 x 1/2	225	16.7	19.5	8.7	9.1	11.9	12.6	105	10
41 61 32 34	706513 ^Δ	1/2 x 9/16	235	19.5	20.7	9.1	9.5	12.2	12.9	119	10
41 61 34 36	706524 ^Δ	9/16 x 5/8	245	20.7	22.6	9.5	11.5	13.8	13.9	122	10
41 61 36 40	706522 ^Δ	5/8 x 3/4	274	22.6	27.5	11.1	12	14.8	15.8	156	10
41 61 38 40	706515 ^Δ	11/16 x 3/4	275	25.4	27.5	11.1	12	15.2	15.8	158	10
41 61 42 44	706516 ^Δ	13/16 x 7/8	301	29.5	31.7	13.5	14.5	19	20	175	5
41 61 46 48	706517 ^Δ	15/16 x 1	340	34.1	36.5	14.5	15	22	23	375	5
41 61 48 50	706518 ^Δ	1 x 1 1/16	368	36.5	38.6	15	16	23	24	460	5
41 61 52 56	706512 ^Δ	1 1/8 x 1 1/4	403	40.8	45	16	18	25	27	620	5

STAHLWILLE's HPQ spanners

STAHLWILLE HPQ* spanners are manufactured from selected tough steel alloys. The result: extremely high load capacity with exceptionally thin rings. HPQ spanners 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



23 Double ended ring spanners



shallow offset, DIN 897/ISO 10104 (metric sizes),
Chrome Alloy Steel, chrome plated.



SW Code	Item Code	Size	L	d ₁	d ₂	a ₁	a ₂	t ₁	t ₂	Δ	g
41 07 06 07	706501	6 x 7	170	9.5	10.8	6	7	7	8	41	10
41 07 08 09	706502	8 x 9	179	12.1	13.3	7	8	8	9	49	10
41 07 10 11	706484	10 x 11	188	14.6	15.9	8.5	9.5	9	10	66	10
41 07 12 13	706485	12 x 13	203	17.3	18.6	9.5	10.5	10	11	95	10
41 07 14 15	706488	14 x 15	219	20.1	21.4	10.5	11.5	11	13	109	10
41 07 16 17	706489	16 x 17	248	22.7	24.1	11.5	12.5	14	15	144	10
41 07 17 19	706491	17 x 19	250	24.1	27	12.5	13.5	15	18	162	10
41 07 18 19	706492	18 x 19	251	25.5	27	12.5	13.5	16	18	157	10
41 07 20 22	706495 ^Δ	20 x 22	280	28.5	31.3	13.5	14.5	19	20	223	5
41 07 21 23	706496	21 x 23	328	29.8	32.9	13.5	14.5	19	22	281	5
41 07 24 27	706498	24 x 27	376	34.3	38.6	14.5	16	22	24	426	5
41 07 30 32	706500	30 x 32	429	42.6	45.2	18	18	26	27	608	5

23/8 Set: Double ended ring spanners

shallow offset.



SW Code	Item Code	No.	Content mm	Δ	g
96 41 07 04	706511	23/8	6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22mm		870

Standard packing: carton



21 Double ended ring spanners



StahlwilleSTABIL[®]

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



SW Code	Item Code	Size	L	d ₁	d ₂	a	Δ	g
41 05 06 07	706426	6 x 7	100	9.6	11	4.5	14	10
41 05 08 09	706428	8 x 9	115	12.5	14	5.5	19	10
41 05 08 10	706427	8 x 10	115	12.5	15.4	6	18	10
41 05 10 11	706409	10 x 11	130	15.4	16.6	6	28	10
41 05 12 13	706410	12 x 13	150	18.2	19.5	6.5	42	10
41 05 13 17	706412	13 x 17	170	19.5	25	8	57	10
41 05 14 15	706413	14 x 15	165	21	22.5	7.5	55	10
41 05 16 17	706414	16 x 17	170	23.8	25	8	68	10
41 05 17 19	706416	17 x 19	185	25	27.6	8	78	10
41 05 18 19	706417	18 x 19	185	26.3	27.6	9	84	10
41 05 18 21	706418 ^Δ	18 x 21	210	26.3	30.5	9	107	5
41 05 19 22	706419 ^Δ	19 x 22	210	27.6	32.4	9	109	5
41 05 20 22	706420 ^Δ	20 x 22	210	29	32.4	9	109	5
41 05 21 24	706421	21 x 24	235	30.5	34.7	10	128	5
41 05 24 27	706422 ^Δ	24 x 27	290	34.7	38.5	11	225	5
41 05 27 32	706423 ^Δ	27 x 32	320	38.5	45.5	12	283	5
41 05 30 32	706424	30 x 32	325	43	45.5	12	289	5
41 05 30 34	706425 ^Δ	30 x 34	325	43	48.5	12	307	5



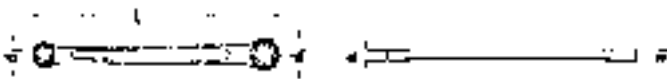
Sets: Double ended ring spanners

SW Code	Item Code	No.	Content mm	g
96 41 05 03	706434	21/7	8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22mm	397
96 41 05 01	706433 [^]	21/10	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 32mm	943

Standard packing: carton

21TX TORX® ring spanners

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

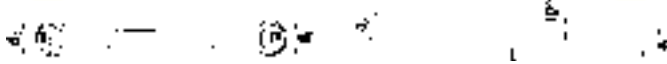


SW Code	Item Code	Size	L mm	d ₁ mm	d ₂ mm	a ₁ mm	a ₂ mm	g	
41 25 06 08	706432	E6 x E8	115.5	9.6	11.6	4.5	5.5	17	10
41 25 10 12	706429	E10 x E12	149.5	13.7	15.7	6.5	7.5	33	10
41 25 14 18	706430	E14 x E18	185	17.8	22.5	8	9.5	71	10
41 25 20 24	706431	E20 x E24	227	24.7	29.2	10.5	12.5	129	10

24 Flare nut spanners, angled



DIN 3118/ISO 3318 (metric sizes), Chrome Alloy Steel, chrome plated. Commonly known as Flare Nut Spanners



SW Code	Item Code	mm	L mm	d ₁ mm	d ₂ mm	a ₁ mm	a ₂ mm	m ₁ mm	m ₂ mm	g	
41 08 08 10	706559	8 x 10	145	17.5	19.5	7	8.5	6.3	7.1	39	10
41 08 09 11	706560	9 x 11	155	18.5	21.5	8.5	9	6.7	8.6	54	10
41 08 10 11	706546	10 x 11	155	19.5	21.5	8.5	9	7.1	8.6	55	10
41 08 10 12	706547	10 x 12	160	19.5	22.5	8.5	9.5	7.1	9	59	10
41 08 11 13	706548	11 x 13	170	21.5	24	9	10	8.6	10	80	10
41 08 12 14	706549	12 x 14	180	24	26	9.5	10.5	9	11	89	10

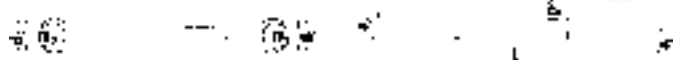
24a Flare nut spanners, angled

SW Code	Item Code	mm	L mm	d ₁ mm	d ₂ mm	a ₁ mm	a ₂ mm	m ₁ mm	m ₂ mm	g	
41 48 16 20	706562	1/4 x 5/16	105	16.5	18	5.5	7	3.7	5	32	10
41 48 20 24	706565	5/16 x 3/8	145	17.5	19.5	7	8.5	6.3	7.1	39	10
41 48 24 28	706564	3/8 x 7/16	155	19.5	21.5	8.5	9	7.1	8.6	57	10
41 48 32 34	706561	1/2 x 9/16	180	24	26	9.5	10.5	9.5	11	87	10

24 Flare nut spanners, angled



DIN 3118/ISO 3318 (metric sizes), Chrome Alloy Steel, chrome plated.



SW Code	Item Code	mm	L mm	d ₁ mm	d ₂ mm	a ₁ mm	a ₂ mm	m ₁ mm	m ₂ mm	g	
41 08 14 17	706550	14 x 17	200	26	30	10.5	12	11	14	115	10
41 08 17 19	706552	17 x 19	220	30	33	12	13	14	15.8	151	10
41 08 19 22	706554 [^]	19 x 22	230	33	37	13	15	15.8	17	192	5
41 08 22 24	706555	22 x 24	245	37	40.5	15	16	17	18	251	5
41 08 24 27	706556	24 x 27	270	40.5	44.5	16	17.5	18	20	310	5
41 08 27 36	706557	27 x 36	300	42	54	16	19	20	27	414	5
41 08 30 32	706558	30 x 32	300	48.5	50.5	20	22	22	24	455	5

24a Flare nut spanners, angled

SW Code	Item Code	"	L mm	d ₁ mm	d ₂ mm	a ₁ mm	a ₂ mm	m ₁ mm	m ₂ mm	g	
41 48 36 40	706566	5/8 x 3/4	218	29	33	12	13	12.7	15.8	148	5
41 48 40 48	706563	3/4 x 1	232	33	40.2	13	16	15.8	19	199	5

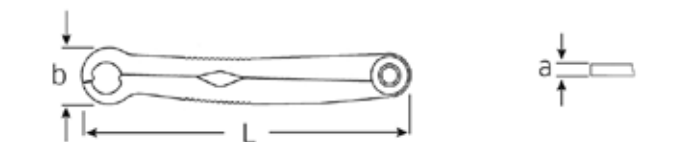
Set: Flare nut spanners No-24



SW Code	Item Code	No.	Content mm	g
96 83 81 71	706567 [^]	24/7	8 x 10; 10 x 11; 11 x 13; 12 x 14; 14 x 17; 17 x 19; 19 x 22mm	835

240 Ratchet wrenches FastRatch

patented, specially suitable for union nuts. Using a single wrench, it is possible to tighten/loosen both metric and imperial nuts and bolts. Made of hardened and tempered stainless steel.



SW Code	Item Code	mm/"	L mm	b mm	a mm	g	
41 10 08 08	706577 [^]	8 5/16	121.4	16	4	60	1
41 10 10 10	706568 [^]	10 3/8	133.3	20	4	70	1
41 10 11 11	706569 [^]	11 7/16	140.4	23	5	103	1
41 10 12 12	706570 [^]	12 15/32	146.3	25	5	100	1
41 10 13 13	706571 [^]	13 1/2	168.4	26.8	6	154	1
41 10 14 14	706572 [^]	14 9/16	174.6	29.6	6	180	1
41 10 16 16	706573 [^]	16 5/8	191.3	32.8	7	270	1
41 10 17 17	706574 [^]	17 21/32	201.7	34.3	7	310	1
41 10 18 18	706575 [^]	18 11/16	212.8	36.2	7	310	1
41 10 19 19	706576 [^]	19 3/4	238.5	38.5	7	380	1

240/5 Set: Open-end ratchet wrenches

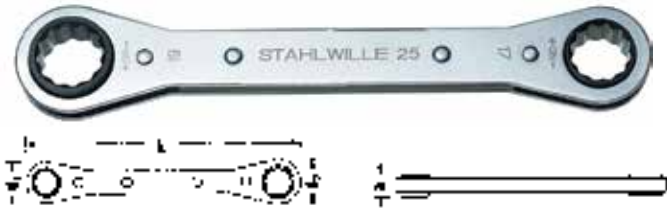


SW Code	Item Code	No.	Content mm/"	g
96 41 10 01	706578 [^]	240/5	10mm - 3/8"; 11mm - 7/16"; 14mm - 9/16"; 17mm - 21/32"; 19mm - 3/4"	1022

25 Ratchet ring spanners

AS-drive

with bi-hexagon, straight, Fed. Spec. GGG-W-001405 (American sizes), chrome plated.



SW Code	Item Code	mm	L mm	d ₁ mm	d ₂ mm	a mm	g	
41 13 07 08	706586 [^]	7 x 8	109	15	17	9	55	1
41 13 09 10	706587 [^]	9 x 10	139	20	23	9	80	1
41 13 10 11	706580 [^]	10 x 11	170	26	30	12	144	1
41 13 12 13	706581 [^]	12 x 13	170	26	30	12	135	1
41 13 14 15	706582 [^]	14 x 15	170	26	30	12	126	1
41 13 16 18	706583 [^]	16 x 18	205	33	36	12	196	1
41 13 17 19	706584 [^]	17 x 19	205	33	36	12	188	1

25aN Ratchet ring spanners

as No-25, but made of solid steel.



SW Code	Item Code	"	L mm	d ₁ mm	d ₂ mm	a mm	g	
41 56 16 20	706591	1/4 x 5/16	109	15	17	9	65	1
41 56 20 22	706594 [^]	5/16 x 11/32	109	15	17	9	60	1
41 56 24 28	706593	3/8 x 7/16	139	20	23	9	90	1
41 56 32 34	706590 [^]	1/2 x 9/16	174	26	30	12	164	1
41 56 36 38	706595 [^]	5/8 x 11/16	205	33	36	12	257	1
41 56 40 44	706592 [^]	3/4 x 7/8	235	36	40	13	296	1
41 56 42 46	706610 [^]	13/16 x 15/16	235	36	40	12	281	1

27 Starter or half moon spanners

AS-drive

ISO 3318, Chrome Alloy Steel, chrome plated.

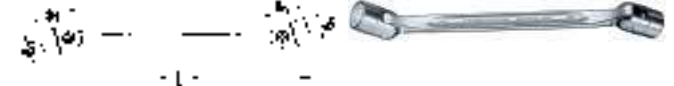


SW Code	Item Code	mm	L mm	d ₁ mm	d ₂ mm	a mm	r ₁ mm	r ₂ mm	g	
41 09 10 12	706625	10 x 12	150	16.5	19.5	6.5	35	60	53	10
41 09 11 13	706626	11 x 13	150	16.5	19.5	6.5	35	60	50	10
41 09 14 16	706627 [^]	14 x 16	179	21	24.5	7.5	36	64	91	10
41 09 14 17	706628	14 x 17	179	21	24.5	7.5	36	64	89	10
41 09 15 17	706629	15 x 17	184	22.5	25	7.5	38	66	96	10
41 09 16 18	706630	16 x 18	200	25.3	27.5	8.5	47	68	130	5
41 09 19 22	706631	19 x 22	225	28	32	9	48	67	164	5

29 Double ended flexi-joint spanners FLEXI

AS-drive

Chrome Alloy Steel, chrome plated.



SW Code	Item Code	mm	L mm	d ₁ mm	d ₂ mm	a ₁ mm	a ₂ mm	g	
43 01 08 09	706652	8 x 9	201	11.9	13.4	26	27.5	81	10
43 01 10 11	706636	10 x 11	202	14.7	15.9	30.5	32	102	10
43 01 10 13	706637	10 x 13	230.5	14.7	18.4	30	33.5	137	10
43 01 12 13	706638	12 x 13	228	17.2	18.4	33	33.5	153	10
43 01 14 15	706641	14 x 15	227	19.7	20.9	35	37	197	10
43 01 16 17	706642	16 x 17	247	22.2	23.7	38.5	39	234	10
43 01 16 18	706643 [^]	16 x 18	249	22.2	24.7	38.5	40	267	10
43 01 17 19	706644	17 x 19	250	23.7	26.3	39	41	277	5
43 01 18 19	706645	18 x 19	246.5	24.7	26.3	40	41	294	5
43 01 20 22	706647	20 x 22	287.5	27.3	29.8	45.5	48	430	5
43 01 21 23	706648 [^]	21 x 23	286.5	28.6	31.1	46.5	50	447	5
43 01 24 27	706649	24 x 27	349.5	32.4	36.1	50.5	60.5	716	5

29a Double ended flexi-joint spanners FLEXI

SW Code	Item Code	"	L mm	d ₁ mm	d ₂ mm	a ₁ mm	a ₂ mm	g	
43 41 24 28	706654	3/8 x 7/16	202	14	16	30.5	32	98	5
43 41 32 34	706653	1/2 x 9/16	227	18.1	20	35	37	195	5
43 41 36 38	706655	5/8 x 11/16	249.5	22.1	24	39	40	269	5

29/7 Set: Double ended flexi-joint spanners FLEXI



SW Code	Item Code	No.	Content mm/"	g
96 43 01 01	706656 [^]	29/7	8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22mm	1503

Standard packing: carton

4004 Single-end spanners

DIN 894, Special Tool Steel, grey finish.



SW Code	Item Code	Ø mm	L mm	b mm	a mm	△ g	📦
40 04 02 40	706846 [^]	24	215	50	8.9	147	1
40 04 02 70	706847 [^]	27	238	56	9.8	193	1
40 04 03 00	706848	30	261	62	10.8	268	1
40 04 03 20	706849	32	273	66	11.8	315	1
40 04 03 60	706850	36	300	74	12.8	421	1
40 04 04 10	706851	41	335	83.5	12.8	555	1
40 04 04 60	706852	46	369	93	14.8	770	1
40 04 05 00	706853	50	412	102	17	1003	1
40 04 05 50	706854	55	457	112	18	1267	1
40 04 06 00	706855	60	492	122	18	1650	1
40 04 06 50	706856	65	528	132	19	2012	1
40 04 07 00	706857	70	572	142	20	2425	1
40 04 07 50	706858 [^]	75	608	152	21	2758	1
40 04 08 00	706859 [^]	80	645	162	22	2963	1
40 04 08 50	706860 [^]	85	690	173	23	3717	1
40 04 09 00	706861 [^]	90	690	173	23	3570	1
40 04 09 50	706862 [^]	95	847	195	25	5943	1

10750 Box spanners

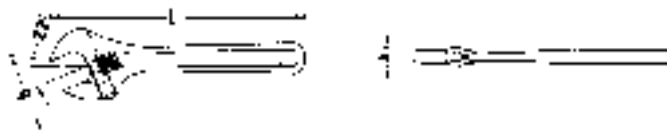
DIN 896, B shape, ST 55, tubular, high carbon alloy steel, seamless drawn, chrome plated.



SW Code	Item Code	Ø mm	L mm	d ₁ mm	d ₂ mm	△ g	📦
43 32 06 07	705245 [^]	6 x 7	110	7.52	10.5	26	10
43 32 08 09	705246 [^]	8 x 9	110	12.2	13.2	30	10
43 32 10 11	705229 [^]	10 x 11	120	14.2	15.2	48	10
43 32 12 13	705230	12 x 13	140	17.2	18.2	68	10
43 32 14 15	705231 [^]	14 x 15	140	19.2	20.2	78	10
43 32 16 17	705232 [^]	16 x 17	150	22.2	23.2	123	10
43 32 17 19	705233 [^]	17 x 19	160	24.2	26.2	147	10
43 32 18 19	705234 [^]	18 x 19	160	25.2	26.2	148	10
43 32 20 22	705235 [^]	20 x 22	170	27.2	29.3	200	5
43 32 21 23	705236 [^]	21 x 23	170	28.2	30.2	191	5
43 32 24 26	705237 [^]	24 x 26	190	32.2	34.2	293	5
43 32 24 27	705238 [^]	24 x 27	190	32.2	35.2	289	5
43 32 30 32	705239 [^]	30 x 32	200	39.2	42.3	382	5
43 32 32 36	705240 [^]	32 x 36	220	42.2	46.2	535	2
43 32 36 41	705241 [^]	36 x 41	220	47.2	52.5	662	2
43 32 41 46	705242 [^]	41 x 46	240	53.2	59.2	750	2
43 32 46 50	705243 [^]	46 x 50	240	58.5	63.5	959	2
43 32 55 60	705244 [^]	55 x 60	240	70.2	76.2	1125	2

4025 Single-end spanners, adjustable

right-handed, DIN 3117/ISO 6787, B shape, jaw offset 22°, Chrome Vanadium, chrome plated.



SW Code	Item Code	Size	Ø max mm	L mm	b mm	a mm	△ g	📦
40 25 00 04	706887 [^]	4	13	114	33	9.5	53	5
40 25 00 06	706888 [^]	6	20	159	48	12	123	5
40 25 00 08	706889 [^]	8	24	206	60	13.5	241	5
40 25 00 10	706883 [^]	10	29	257	71	16	399	5
40 25 00 12	706884 [^]	12	34	309	83	19	708	5
40 25 00 15	706885 [^]	15	43	384	103	25	1287	1
40 25 00 18	706886 [^]	18	53	460	120	30	2105	1

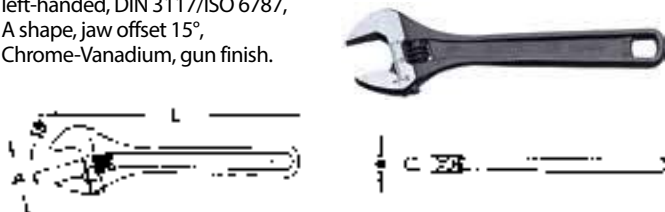


Sets: Box spanners

SW Code	Item Code	No.	Content mm	△ g
96 43 12 01	705248 [^]	10750/7	8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22mm	725
96 43 12 04	705247 [^]	10750/11	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 32mm	1585

4026 Single-end spanners, adjustable

left-handed, DIN 3117/ISO 6787, A shape, jaw offset 15°, Chrome-Vanadium, gun finish.



SW Code	Item Code	Size	Ø max mm	L mm	b mm	a mm	△ g	📦
40 26 00 04	706894 [^]	4	13	114	33	9.5	50	5
40 26 00 06	706895 [^]	6	20	159	48	12	138	5
40 26 00 08	706896 [^]	8	24	206	60	13.5	247	5
40 26 00 10	706890 [^]	10	29	257	71	16	397	5
40 26 00 12	706891 [^]	12	34	309	83	19	699	5
40 26 00 15	706892 [^]	15	43	384	103	25	1324	1
40 26 00 18	706893 [^]	18	53	460	120	30	2076	1

4205 Flogging Spanners - Metric

Striking Face Ring Spanner



SW Code	Item Code	Ø mm	No.	
42 05 00 24	707037 [^]	24	SW4205 24	1
42 05 00 26	707038 [^]	26	SW4205 26	1
42 05 00 27	707039	27	SW4205 27	1
42 05 00 28	707040 [^]	28	SW4205 28	1
42 05 00 30	707041 [^]	30	SW4205 30	1
42 05 00 32	707042 [^]	32	SW4205 32	1
42 05 00 33	707043 [^]	33	SW4205 33	1
42 05 00 36	707044 [^]	36	SW4205 36	1
42 05 00 37	707045 [^]	37	SW4205 37	1
42 05 00 38	707046 [^]	38	SW4205 38	1
42 05 00 41	707047 [^]	41	SW4205 41	1
42 05 00 42	707048	42	SW4205 42	1
42 05 00 46	707049 [^]	46	SW4205 46	1
42 05 00 47	707050 [^]	47	SW4205 47	1
42 05 00 48	707051 [^]	48	SW4205 48	1
42 05 00 50	707052 [^]	50	SW4205 50	1

SW Code	Item Code	Ø mm	No.	
42 05 00 52	707053 [^]	52	SW4205 52	1
42 05 00 55	707054 [^]	55	SW4205 55	1
42 05 00 56	707055 [^]	56	SW4205 56	1
42 05 00 60	707056 [^]	60	SW4205 60	1
42 05 00 64	707057 [^]	64	SW4205 64	1
42 05 00 65	707058 [^]	65	SW4205 65	1
42 05 00 70	707059 [^]	70	SW4205 70	1
42 05 00 75	707060 [^]	75	SW4205 75	1
42 05 00 80	707061 [^]	80	SW4205 80	1
42 05 00 85	707062 [^]	85	SW4205 85	1
42 05 00 90	707063 [^]	90	SW4205 90	1
42 05 00 95	707064 [^]	95	SW4205 95	1
42 05 01 00	707022 [^]	100	SW4205 100	1
42 05 01 05	707023 [^]	105	SW4205 105	1
42 05 01 10	707024 [^]	110	SW4205 110	1
42 05 01 15	707025 [^]	115	SW4205 115	1
42 05 01 20	707026 [^]	120	SW4205 120	1
42 05 01 30	707027 [^]	130	SW4205 130	1
42 05 01 35	707028 [^]	135	SW4205 135	1
42 05 01 45	707029 [^]	145	SW4205 145	1
42 05 01 50	707030 [^]	150	SW4205 150	1
42 05 01 60	707031 [^]	160	SW4205 160	1
42 05 01 65	707032 [^]	165	SW4205 165	1
42 05 01 70	707033 [^]	170	SW4205 170	1
42 05 01 75	707034 [^]	175	SW4205 175	1
42 05 01 80	707035 [^]	180	SW4205 180	1
42 05 02 10	707036 [^]	210	SW4205 210	1

Tool sets for the aerospace industry



For maintenance on aeroplanes and helicopters.

All of our Stahlwille tool sets for the aerospace industry come with the Tool Control System for built in safety. The QuickRelease System for socket spanners and inserts has a safety lock to prevent damage to workpieces and guarantee secure, rapid connection of all components to form a single combined unit, so you can't inadvertently release a tool.

This combined with our Anti Slip Drive and High Performance Quality Steel ensure you have the best tools for the job.

Contact Customer Service on 1300 780 876 for more information and to enquire about the range of tool sets available.



Provide guaranteed safety and efficiency. STAHlwILLE sets of socket spanners and inserts

The professionals in industry and the trades are under pressure to work quickly, accurately and economically. Which is why they make heavy demands on their tools. Due to the numerous technical innovations incorporated in them, STAHlwILLE ratchets and sockets make a valuable contribution to the prevention of both mistakes and injuries.

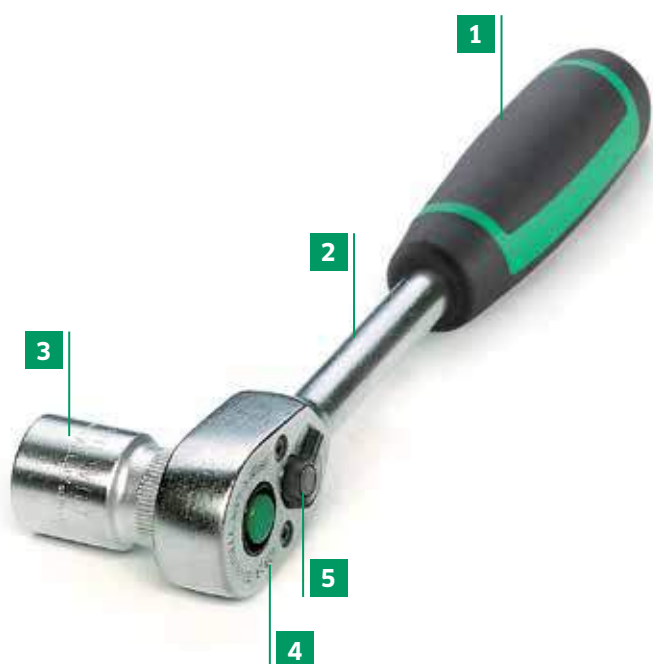
By using ratchets, adaptors and inserts made by STAHlwILLE, professional tradesmen are quite simply "making sure". It does not matter whether it is a full set of tools or individual components – users can be sure they will get top-of-the-range quality every time.

This is guaranteed by adherence to the closest tolerances during production and stringently applied quality assurance measures in accordance with DIN EN ISO 9001. The legendary reliability and precision of these tools is enhanced by a large number of user-friendly features.

- Non-slip, ergonomically manufactured 2-component handles facilitate strain-free working.
- Slim-design sockets enable access to awkward places.
- The QuickRelease system ensures full control over the joint between the ratchet, the adaptors and the sockets.
- Sculpted chemical-resistant cut-outs in special PE foam inlays prevent tools rattling and sliding around.



Set No 45/14/5iQR
in sturdy plastic case



- 1** Ergonomically designed 2-component handle made of impact-resistant, skydrol resistant plastic.
- 2** All metal parts are made of high-grade steel (Chrome Alloy Steel, chrome plated).
- 3** Firm seating and yet easy release of sockets and adaptors.
- 4** Wear parts can be easily replaced using sets of spares for sockets.
- 5** Separate pawl to switch from clockwise to anti-clockwise.

Safety advantage 1

STAHLWILLE QuickRelease system

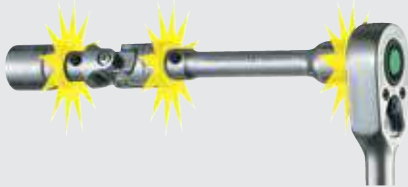


The problem: imagine what happens if a tool falls into an inaccessible place during repair or overhaul work.

The consequences: arduous, costly search and recovery, possibly involving disassembly of an aeroengine or machine.

The solution: the safety lock built into the QuickRelease system prevents damage to workpieces and guarantees secure, rapid connection of all individual components to form a single combined unit. Nothing can get lost because it is not possible to inadvertently release a tool. To release a tool, it is first necessary to press the release button deliberately.

Even if you have oily or greasy hands, attaching and separating the individual components is so simple it noticeably smoothes your workflows.



Safety advantage 2

STAHLWILLE AS-Drive

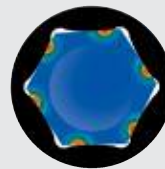


The problem: removing heavily corroded screws requires the application of considerable force. The socket slips off the head of the screw.

The consequences: uncontrolled movements cause injuries and damage to both the workpiece and the tools.

The solution: 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. The risk of injury is minimised and the corners of the screw heads and nuts are no longer damaged.

*AS-Drive = Anti-Slip-Drive



Safety advantage 3

STAHLWILLE HPQ*-inserts



The problem: although there is hardly enough room to move, you still have to apply considerable torque to loosen a stubborn screw.

The consequences: many of the sockets available are useless simply because their wall thickness makes them impracticable in awkward places.

The solution: STAHLWILLE HPQ*-sockets are manufactured from selected tough steel alloys. These sockets will not slip off the head of the screw, nor will they stretch when subjected to heavy loads. Their extremely thin walls and unbelievably high load capacity are simply exemplary. 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. They meet these aerospace standards: E DIN EN 3709, E DIN EN 3710, SAE AS 954-E, S.B.A.C. AS 40605/40606, MS-33787, MIL-W-8982.

* = High Performance Quality



CERTIFICATE

This is to certify that the
STAHLWILLE-Group

Eduard Wille GmbH & Co. KG
Lindentallee 27
42349 Wuppertal
Lange Str. 40-56
42857 Remscheid

SWM Werkzeugfabrik GmbH & Co. KG
Bereich Schmiede
Stiller Berg
98587 Steinbach-Hallenberg

has implemented and maintains a **Quality Management System**.

Scope:
Development, manufacture & distribution of tools

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001 : 2008

<small>Certificate registration no.</small>	<small>000018 QM08</small>
<small>Valid from</small>	<small>2015-06-01</small>
<small>Valid until</small>	<small>2018-05-31</small>
<small>Date of certification</small>	<small>2015-04-10</small>

DQK GmbH
G. Bleichschmidt
Götz Bleichschmidt
Managing Director

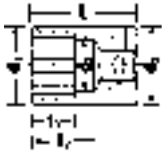
Accredited Body: DQS GmbH, August-Schanz-Straße 21, 60433 Frankfurt am Main

1/4" Drive Sockets and Tools

40D Sockets



metric sizes: DIN 3124/ISO 2725-1, E DIN EN 3709, ASME B 107.5M, American sizes: ASME B 107.1, Fed. Spec. GGG-W-641, SAE AS 954-E (test loads), HPQ high performance steel, chrome plated.



SW Code	Item Code	Ø	d ₁	d ₂	d ₃	L	t ₁	t ₂	Δ	g	☐
		mm	mm	mm	mm	mm	mm	mm			
01 03 00 05	706784	5	7.9	10.7	4	23	4.5	15	9	10	
01 03 00 55	706785	5.5	8.5	10.7	4.5	23	6	15	9	10	
01 03 00 06	706786	6	9.2	10.7	5	23	6	15	9	10	
01 03 00 07	706787	7	10.7	10.7	6	23	6.5	13.4	10	10	
01 03 00 08	706788 [^]	8	11.6	11.6	7	23	8	13.1	11	10	
01 03 00 09	706789	9	12.8	12.8	8	23	8	12.8	13	10	
01 03 00 10	706779	10	14.3	14.3	9	23	8	14.9	17	10	
01 03 00 11	706780	11	15.5	15.5	10	23	9	14.6	19	10	
01 03 00 12	706781	12	16.5	16.5	11	23	9.5	14.3	23	10	
01 03 00 13	706782	13	17.8	17.8	12	23	9.5	14	25	10	
01 03 00 14	706783	14	18.8	18.8	13	24	10	14.7	32	10	

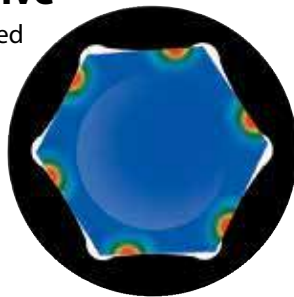
40aD Sockets

SW Code	Item Code	Ø	d ₁	d ₂	d ₃	L	t ₁	t ₂	Δ	g	☐
		"	mm	mm	mm	mm	mm	mm			
01 53 00 10	706757 [^]	5/32	6.7	10.7	3.2	23	3.5	15	9	10	
01 53 00 12	706754	3/16	7.6	10.7	4	23	4.5	15	9	10	
01 53 00 14	706759	7/32	8.6	10.7	5	23	6	15	9	10	
01 53 00 16	706752	1/4	9.4	10.7	5.5	23	6	15	9	10	
01 53 00 18	706761	9/32	10.7	10.7	6.6	23	6.5	13.2	10	10	
01 53 00 20	706756	5/16	11.6	11.6	7	23	8	13.1	11	10	
01 53 00 22	706753	11/32	12.7	12.7	8.1	23	8	13.3	13	10	
01 53 00 24	706755	3/8	13.7	13.7	8.3	23	8	13.3	16	10	
01 53 00 28	706758	7/16	15.8	15.8	10	23	9	14.6	21	10	
01 53 00 32	706751	1/2	17.3	17.3	11.5	23	9.5	14.1	27	10	
01 53 00 34	706760	9/16	18.8	18.8	13.1	24	10	14.7	31	10	

STAHLOWILLE AS-Drive

STAHLOWILLE 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.

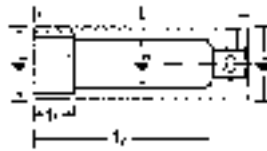
*Anti-Slip Drive



40DL Sockets



extra deep, metric sizes: E DIN EN 3710, E DIN EN 3709, DIN 3124/ISO 2725-1, ASME B 107.5M American sizes: ASME B 107.1, Fed. Spec. GGG-W-641, SAE AS 954-E, HPQ high performance steel, chrome plated.



SW Code	Item Code	Ø	d ₁	d ₂	d ₃	L	t ₁	t ₂	Δ	g	☐
		mm	mm	mm	mm	mm	mm	mm			
01 24 00 05	706797 [^]	5	7.9	10.7	4	50	4.5	42	18	5	
01 24 00 55	706798 [^]	5.5	8.5	10.7	4.5	50	6	42	16	5	
01 24 00 06	706799 [^]	6	9.2	10.7	5	50	6	42	18	5	
01 24 00 07	706800 [^]	7	10.7	10.7	6	50	6.5	40.9	21	5	
01 24 00 08	706801 [^]	8	11.6	11.6	7	50	8	40.1	23	5	
01 24 00 09	706802 [^]	9	12.8	12.8	8	50	8	39.8	30	5	
01 24 00 10	706790 [^]	10	14.3	14.3	9	50	9	41.9	35	5	
01 24 00 11	706791 [^]	11	15.5	15.5	10	50	10.5	41.6	40	5	
01 24 00 12	706792 [^]	12	16.5	16.5	11	50	12	41.3	47	5	
01 24 00 13	706793 [^]	13	17.8	17.8	12	50	12	41	50	5	
01 24 00 14	706794 [^]	14	18.8	18.8	13	50	15	40.7	57	5	

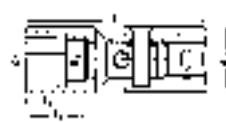
40aDL Sockets

SW Code	Item Code	Ø	d ₁	d ₂	d ₃	L	t ₁	t ₂	Δ	g	☐
		"	mm	mm	mm	mm	mm	mm			
01 64 00 10	706768 [^]	5/32	6.7	10.7	3.2	50	4.5	42	13	5	
01 64 00 12	706765 [^]	3/16	7.6	10.7	4	50	4.5	42	15	5	
01 64 00 14	706770 [^]	7/32	8.6	10.7	5	50	6	42	16	5	
01 64 00 16	706763 [^]	1/4	9.4	10.7	5.2	50	6	42	19	5	
01 64 00 18	706772 [^]	9/32	10.7	10.7	6.5	50	8	40.2	20	5	
01 64 00 20	706767 [^]	5/16	11.6	11.6	7	50	8	40.1	24	5	
01 64 00 22	706764 [^]	11/32	12.7	12.7	8.1	50	9	39.7	26	5	
01 64 00 24	706766 [^]	3/8	13.7	13.7	8.3	50	9	39.7	33	5	
01 64 00 28	706769 [^]	7/16	15.8	15.8	10	50	10.5	41.6	42	5	
01 64 00 32	706762 [^]	1/2	17.3	17.3	11.5	50	12	41.1	44	5	
01 64 00 34	706771 [^]	9/16	18.8	18.8	13.1	50	15	40.7	62	5	

402 UNIFLEX sockets



American sizes: SAE AS 954, ASME B 107.1, Available upon request. HPQ high performance steel, chrome plated.



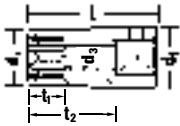
SW Code	Item Code	Ø	d ₁	d ₂	d ₃	L	t ₁	t ₂	Δ	g	☐
		mm	mm	mm	mm	mm	mm	mm			
01 14 00 06	706870 [^]	6	9.2	12.7	5	32	5.5	10	16	5	
01 14 00 07	706871 [^]	7	10.4	12.7	6	33.5	6	11.5	16	5	
01 14 00 08	706872 [^]	8	11.6	12.7	6.7	35	8	13	17	5	
01 14 00 09	706873 [^]	9	13	12.7	8	36	8	12	20	5	
01 14 00 10	706869 [^]	10	14.2	12.7	9	38	12	14	38	5	

1/4" Drive Sockets and Tools

40TX Sockets



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



SW Code	Item Code	Size	$\frac{1}{4}$ "	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δ	∇	
01 27 00 04	706821	E4	3.8	5.6	10.7	2	23	4.5	15	8	10	
01 27 00 05	706822	E5	4.7	6.7	10.7	2.8	23	5	15	7	10	
01 27 00 06	706823	E6	5.7	8	10.7	3.6	23	5.5	15	10	10	
01 27 00 07	706824	E7	6.2	9.6	10.7	3.8	23	6.5	15	10	10	
01 27 00 08	706825 [^]	E8	7.5	10.5	11.6	4.3	23	7	15	10	10	
01 27 00 10	706820	E10	9.4	12.7	12.7	5.6	23	9	15	17	10	

Application: size E6 for setting the endstop on front side windows of the Audi 100 from model year 91 on and Golf Cabriolet from model year 93 on

STAHLWILLE's HPQ inserts

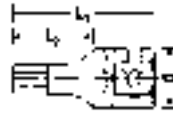
STAHLWILLE HPQ* sockets are manufactured from selected tough steel alloys. The result: they are extremely durable. HPQ sockets are free of cadmium and are therefore suitable for use on titanium alloy parts and titanium fasteners as used e.g. in the aerospace industry, where safety is a crucial factor.

*High Performance Quality



44K INHEX sockets

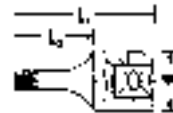
for socket head screws, Chrome Alloy Steel, chrome plated.



SW Code	Item Code	Size	$\frac{1}{4}$ "	L ₁ mm	L ₂ mm	d mm	Δ	∇	
01 12 00 03	707207	3	28	16	11.6	10	5		
01 12 00 04	707208	4	28	16	11.6	10	5		
01 12 00 05	707209	5	28	16	11.6	10	5		
01 12 00 06	707210	6	28	16	11.6	10	5		
01 12 00 08	707211 [^]	8	28	16	11.6	15	5		

44KTX Screwdriver sockets

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



SW Code	Item Code	Size	$\frac{1}{4}$ "	L ₁ mm	L ₂ mm	d mm	Δ	∇	
01 35 00 08	707226 [^]	T8	2.3	28	16	11.6	10	5	
01 35 00 09	707227 [^]	T9	2.5	28	16	11.6	10	5	
01 35 00 10	707219	T10	2.7	28	16	11.6	10	5	
01 35 00 15	707220	T15	3.3	28	16	11.6	10	5	
01 35 00 20	707221	T20	3.8	28	16	11.6	11	5	
01 35 00 25	707222	T25	4.4	28	16	11.6	11	5	
01 35 00 27	707223	T27	5.0	28	16	11.6	11	5	
01 35 00 30	707224	T30	5.5	28	16	11.6	11	5	
01 35 00 40	707225	T40	6.6	28	16	11.6	12	5	

44 INHEX sockets

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



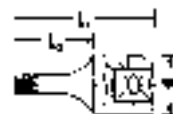
SW Code	Item Code	Size	L ₁ mm	L ₂ mm	d mm	Δ	∇	
01 05 00 03	707193	3	55	30	10.7	14	5	
01 05 00 04	707194	4	55	30	10.7	16	5	
01 05 00 05	707195	5	55	30	10.7	20	5	
01 05 00 06	707196	6	55	30	11.6	26	5	

44a INHEX sockets

SW Code	Item Code	Size	L ₁ mm	L ₂ mm	d mm	Δ	∇	
01 45 00 04	707197 [^]	1/16	55	30	10.7	11	5	
01 45 00 05	707203 [^]	5/64	55	30	10.7	12	5	
01 45 00 06	707201 [^]	3/32	55	30	10.7	14	5	
01 45 00 07	707205 [^]	7/64	55	30	10.7	17	5	
01 45 00 08	707199 [^]	1/8	55	30	10.7	12	5	
01 45 00 09	707206 [^]	9/64	55	30	10.7	13	5	
01 45 00 10	707202 [^]	5/32	55	30	10.7	14	5	
01 45 00 12	707200 [^]	3/16	55	30	10.7	17	5	
01 45 00 14	707204 [^]	7/32	55	30	10.7	19	5	
01 45 00 16	707198 [^]	1/4	55	30	11.6	24	5	

44KTXB Screwdriver sockets

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



SW Code	Item Code	Size	$\frac{1}{4}$ "	L ₁ mm	L ₂ mm	d mm	Δ	∇	
01 35 10 08	707317 [^]	T8	2.3	28	16	11.6	10	5	
01 35 10 09	709642 [^]	T9	2.5	28	16	11.6	10	5	
01 35 10 10	707212 [^]	T10	2.7	28	16	11.6	10	5	
01 35 10 15	707213 [^]	T15	3.3	28	16	11.6	10	5	
01 35 10 20	707214 [^]	T20	3.8	28	16	11.6	10	5	
01 35 10 25	707215 [^]	T25	4.4	28	16	11.6	11	5	
01 35 10 27	707216 [^]	T27	5.0	28	16	11.6	11	5	
01 35 10 30	707217 [^]	T30	5.5	28	16	11.6	11	5	
01 35 10 40	707218 [^]	T40	6.6	28	16	11.6	12	5	

1/4" Drive Sockets and Tools

44P

⊕ Screwdriver sockets

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



SW Code	Item Code	PH Size	L ₁ mm	L ₂ mm	d mm	⚖ g	📦
01 29 00 01	707228 [^]	1	28	16	11.6	10	5
01 29 00 02	707229 [^]	2	28	16	11.6	11	5
01 29 00 03	707230 [^]	3	28	16	11.6	12	5
01 29 00 04	707231 [^]	4	28	16	11.6	14	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.



40CL

Clip strips

for socket retention, with 9 or 10 retaining clips. Supplied without sockets.



SW Code	Item Code	Size	L mm	⚖ g	📦
80 40 00 01	706777 [^]	1	200	36	5
80 40 00 02	706778 [^]	2	300	52	5

415SG-QR

Ratchet



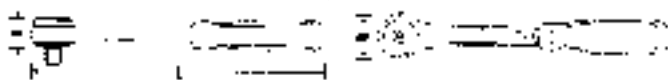
reversible (22 teeth), with QuickRelease safety lock and steel handle, DIN 3122/ISO 3315.



SW Code	Item Code	L mm	b mm	a mm	⚖ g	📦
11 11 00 30	706993	117	22	12.5	90	1

Drive tools and accessories

1/4" □, finish: Chrome Alloy Steel, chrome plated.



415

Ratchet

reversible (22 teeth), with 2-component handle DIN 3122/ISO 3315.



SW Code	Item Code	L mm	b mm	a mm	⚖ g	📦
11 11 10 10	706977	117	22	12.5	80	5

416

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.



SW Code	Item Code	L mm	b mm	a mm	⚖ g	📦
11 26 00 01	706995 [^]	170	25	19.5	237.	1

Spare parts for ratchets No-415, 415SK, 415SG

415QR

QuickRelease ratchet



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



SW Code	Item Code	L mm	b mm	a mm	⚖ g	📦
11 11 00 20	706990	117	22	12.5	79	1

4150

Spare parts set

Content:
1 Pinion
1 Pawl
1 Lever with pin
1 Ball
2 Compression Springs
2 Screws M 1.7 x 8
1 Cover plate

SW Code	Item Code	⚖ g	📦
19 01 00 00	706981 [^]	26	1

1/4" Drive Sockets and Tools

Spare parts for ratchets No-415QR, 415SG-QR

4150 QR Spare parts set



Content:
1 Pinion
1 Pawl
2 Levers with pin
1 Ball
2 Compression Springs
2 Screws M 1.7 x 8
1 Cover plate

SW Code	Item Code	△△ g	☐
1901 10 20	706986 [^]	19	1

400N Drive handle

DIN 3122/ISO 3315.



SW Code	Item Code	L mm	△△ g	☐
11 05 00 10	706868	150	70	5

400QR QuickRelease drive handle



DIN 3122/ISO 3315,
with QuickRelease safety lock,
patent



SW Code	Item Code	L mm	△△ g	☐
11 05 10 10	706842 [^]	150	80	1

403N Flexible handle

DIN 3122/ISO 3315.
with 2-component handle.



SW Code	Item Code	L mm	△△ g	☐
11 06 10 10	706901 [^]	154.5	70	1

404 Sliding T-handle

DIN 3122/ISO 3315.



SW Code	Item Code	L mm	△△ g	☐
11 07 00 00	706902	116	38	5

413 Speeder brace

with steel handle, for greater axial
power transmission, detachable palm
head, working radius 70-mm.



SW Code	Item Code	L mm	△△ g	☐
11 10 00 01	706973	440	352	1

405 Extensions

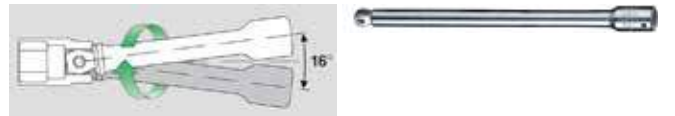
DIN 3123/ISO 3316.



SWCode	Item Code	Size	L mm	d mm	△△ g	☐
11 01 00 01	706915	2	54	11.6	29	5
11 01 00 06	706918	4	100	11.6	46	5
11 01 00 02	706920	6	150	11.6	65	5
11 01 00 10	706910	10	254	11.6	115	1
11 01 00 14	706912	14	356	11.6	155	1

Extensions with wobble-drive

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



SWCode	Item Code	No.	L mm	d mm	△△ g	☐
11 01 00 11	706917	405/2W	54	11.6	28	1
11 01 00 16	706919	405/4W	100	11.6	45	1
11 01 00 12	706922	405/6W	150	11.6	55	1
11 01 00 20	706911 [^]	405/10W	254	11.6	110	1
11 01 00 24	706914 [^]	405/14W	356	11.6	155	1

QuickRelease extensions



patent, DIN 3123/ISO 3316.



SWCode	Item Code	No.	L mm	d mm	△△ g	☐
11 01 10 01	706916 [^]	405/2QR	54	11.6	28	1
11 01 10 02	706921 [^]	405/6QR	150	11.6	65	1

406 Extension, flexible

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



SW Code	Item Code	L mm	d mm	△△ g	☐
11 04 00 00	706930	152	11.6	61	5

407 Universal joint

DIN 3123/ISO 3316.




SW Code	Item Code	L mm	d mm	△△ g	☐
11 02 00 00	706932	37	12.8	23	5

1/4" Drive Sockets and Tools

409 Adaptor


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



SW Code	Item Code	L mm	d mm	g	
11 03 00 02	706934	25	12.8	18	5

410 Adaptor


HPQ
1/4" socket x 1/2" plug
(6.3 x 12.5mm),
HPQ® high performance steel.



SW Code	Item Code	L mm	d mm	g	
11 03 00 03	706966	28	16.5	36	5

412 Bit holder

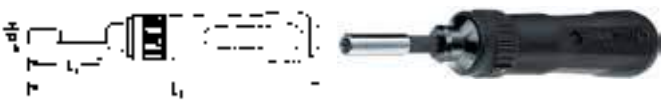
HPQ
1/4" inside hexagon,
DIN 3126/ISO 1173 form D 6.3.
Internal hex drive with a collar-thrust spring. Bits are easy to insert, lock securely in position and can be removed just as easily; even hex bits with a wide groove (Type E, DIN 3126/ISO 1173).
HPQ® high performance steel



SW Code	Item Code	L mm	d mm	g	
11 18 00 10	706972 [^]	25	11.6	15	5

4008 Ratcheting bit holder

Positions selectable are clockwise/counterclockwise/fixed with fixed blade. Inner hex. with magnet, for 1/4" screwdriver bits with outside hexagon 1/4" DIN 3126/ISO 1173 C 6.3.
The square drive extension No-3115/1 can be used to adapt 1/4" socket inserts (outer hex. to 1/4" outer square).
The ratcheting bit holder is fitted with a quick-twist knurled socket to allow the user to tighten or untighten loosely by hand. Socket mountings are toothed, heavy-duty and angled at 30°. Ergonomically shaped handle with 1/4" inner square drive, for use with cross-handle, extension bar etc.




SW Code	Item Code	inside O	"	L ₁ mm	L ₂ mm	d mm	g	
18 12 00 00	706866 [^]	D 6.3	1/4	56	206.5	10	185	8

inside O DIN 3126/ISO 1173

415SGH Ratchet for Hi-Lok bolts

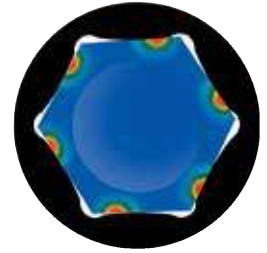
reversible, patented, axially drilled pinion, locking facility for sockets. For use on Hi-Lok bolts in the aerospace industry (22 teeth)



SW Code	Item Code	L mm	b mm	a mm	g	
11 11 00 02	706979 [^]	117	22	12.5	90	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



40D/9/4 Socket set 1/4" □


In sturdy ABS plastic case
13 pieces
Content:
9 sockets with bi-hexagon No 40D: sizes 4; 5; 5.5; 6; 7; 8; 10; 11; 13 mm
1 ratchet No 415
2 extensions No 405/2 (54 mm), No 405/6 (150 mm)
1 universal joint No 407



SW Code	Item Code	g
96 01 03 04	706956 [^]	852

40ma/25/8 Socket set 1/4" □

In sturdy stackable ABS plastic case,
33 pieces
Content:
25 sockets with hexagon
No-40: sizes 3.2; 3.5; 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14-mm
No-40a: sizes 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"
1 ratchet No-415
2 extensions
No-405/2 (54-mm),
No-405/6 (150-mm)
1 extension, flexible
No-406 (152-mm)
1 universal joint No-407
1 drive handle No-400
1 flexible handle No-403
1 T-handle No-404



SW Code	Item Code	g
96 01 11 62	706958 [^]	2050

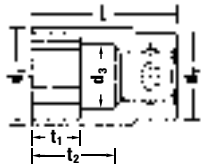


3/8" Drive Sockets and Tools

45 Sockets



metric sizes: DIN 3124/ISO 2725-1, ASME B 107.5M, E DIN EN 3709,
American sizes: ASME B 107.1, Fed. Spec. GGG-W-641,
SAE AS 954-E (test loads),
HPQ® high performance steel, chrome plated.



SWCode	Item Code	Ø	d ₁	d ₂	d ₃	L	t ₁	t ₂	g	⊞
		mm	mm	mm	mm	mm	mm	mm		
02010007	707334	7	10.5	16.5	6	24	6	12.5	19	10
02010008	707335	8	11.7	16.5	7	25	7	13.5	19	10
02010009	707336	9	13	16.5	8	25	7	13.5	19	10
02010010	707320	10	14.3	16.5	9	27	8.5	15.5	20	10
02010011	707321	11	15.6	16.5	10	27	8.5	13.7	21	10
02010012	707322	12	16.9	17.5	11	28	9.5	14.4	24	10
02010013	707323	13	18	17.5	12	30	11.5	16.1	25	10
02010014	707324	14	19.4	17.5	13	30	11.5	15.8	28	10
02010015	707325	15	20.6	19	14	31	12.5	19.2	40	10
02010016	707326	16	21.7	19	15	31	13.5	18.9	33	10
02010017	707327	17	23	19	16	31	12.5	18.6	44	10
02010018	707328	18	24.2	19	17	32	13.5	19.3	39	5
02010019	707329	19	25.2	19	18	32	13.5	19	39	5
02010020	707330	20	26.2	20	19	34	15.5	20.7	51	5
02010021	707331	21	27.2	21	20	34	15.5	20.5	53	5
02010022	707332	22	28.7	21	21	35	17	21.2	61	5
02010024	707333 ^Δ	24	31.5	24	21	35	18	21.2	92	5

45a Sockets

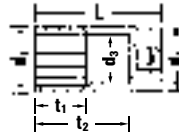
SWCode	Item Code	Ø	d ₁	d ₂	d ₃	L	t ₁	t ₂	g	⊞
		mm/"	mm	mm	mm	mm	mm	mm		
02410016	707339	1/4	9.7	16.5	5.2	24	6	12.5	18	10
02410020	707347	5/16	11.7	16.5	7	25	7	13.5	19	10
02410022	707341	11/32	12.5	16.5	8.1	25	7	13.5	19	10
02410024	707346	3/8	13.7	16.5	8.4	27	8.5	15.5	20	10
02410028	707349	7/16	15.7	16.5	10	28	9.5	15.1	20	10
02410032	707338	1/2	18	17.5	11.5	30	11.5	16.5	24	10
02410034	707351	9/16	20.2	19	13.1	31	12.7	16.8	28	10
02410035	707344 ^Δ	19/32	20.6	19	14	31	13	19.2	36	5
02410036	707348	5/8	21.7	19	15	31	13.5	18.9	31	5
02410038	707340	11/16	23.4	19	16.3	32	14.7	19.5	34	5
02410040	707345	3/4	25.2	19	18	32	15.9	19	41	5
02410042	707342	13/16	27.2	20.5	19.4	34	16.5	20.5	52	5
02410044	707350	7/8	28.7	22	21	35	18	21	59	5
02410046	707343	15/16	31.5	24	22.6	35	18.5	20.7	95	5
02410048	707337	1	33	25.5	24.2	35	18.5	20.2	97	5



460a Sockets



SAE AS 954-E, S.B.A.C. AS 40610/40611, ASME B 107.1,
HPQ® high performance steel, chrome plated.

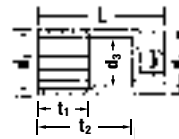


SWCode	Item Code	Ø	d ₁	d ₂	d ₃	L	t ₁	t ₂	g	⊞
		"	mm	mm	mm	mm	mm	mm		
02620016	707465 ^Δ	1/4	9.9	16.5	5.2	32	7	20.5	21	5
02620020	707467 ^Δ	5/16	11.5	16.5	7	32	8.5	20.5	22	5
02620024	707466 ^Δ	3/8	13.7	16.5	8.5	38	9	26.5	29	5
02620028	707468 ^Δ	7/16	15.7	16.5	10	38	11	24.5	33	5
02620032	707464 ^Δ	1/2	17.5	17.8	11.5	44	12	30	44	5

46 Sockets



extra deep, metric sizes: DIN 3124/ISO 2725-1, E DIN EN 3710,
E DIN EN 3709, ASME B 107.5M,
American sizes: ASME B 107.1, Fed. Spec. GGG-W-641, SAE AS 954-E,
HPQ® high performance steel, chrome plated.



SWCode	Item Code	Ø	d ₁	d ₂	d ₃	L	t ₁	t ₂	g	⊞
		mm/"	mm	mm	mm	mm	mm	mm		
02020008	707449 ^Δ	8	11.7	16.5	7	54	9	42.5	36	10
02020010	707436	10	14.3	16.5	9	54	20	42.5	41	10
02020011	707437	11	15.6	16.5	10	54	20	40.7	51	10
02020012	707438	12	16.9	17.5	11	54	20	40.4	57	10
02020013	707439	13	18	17.5	12	54	20	40.1	61	10
02020014	707440	14	19.4	17.5	13	60	25	45.8	75	10
02020015	707441	15	20.6	19	14	60	25	48.2	85	10
02020016	707442	16	21.7	19.5	15	60	25	47.9	81	10
02020017	707443	17	23	21	16	65	30	52.6	97	10
02020018	707444	18	24.2	22	17	65	30	52.3	112	10
02020019	707445	19	25.2	23	18	65	30	52	134	10
02020208	707446	20.8-19/16 ¹⁾	27.2	25	-	65	18	-	151	10
02020021	707447	21	27.7	25.5	20	65	30	51.5	137	5
02020022	707448	22	28.7	26.5	21	65	30	51.2	178	5

¹⁾with rubber insert for spark plugs

46a Sockets

SWCode	Item Code	Ø	d ₁	d ₂	d ₃	L	t ₁	t ₂	g	⊞
		"	mm	mm	mm	mm	mm	mm		
02420016	707452 ^Δ	1/4	9.7	16.5	5.2	54	9	42.5	33	5
02420020	707459	5/16	11.7	16.5	7	54	9	42.5	35	5
02420024	707458 ^Δ	3/8	13.7	16.5	8.4	54	20	42.5	45	5
02420028	707461	7/16	15.7	16.5	10	54	20	40.7	53	5
02420032	707451	1/2	18	17.5	11.5	54	20	40.2	64	5
02420034	707463 ^Δ	9/16	20.2	19	13.1	60	25	45.8	66	5
02420035	707456 ^Δ	19/32	20.6	19	14	60	25	48.2	84	5
02420036	707460	5/8	21.7	19.5	15	60	25	47.9	81	5
02420038	707453	11/16	23.4	21.5	16.3	65	30	52.5	114	5
02420040	707457	3/4	25.2	23	18	65	30	52	137	5
02420042	707454	13/16	27.2	25	19.4	65	30	51.6	130	5
02420044	707462	7/8	28.7	26.5	21	65	30	51.2	184	5
02420046	707455	15/16	31.5	29	22.6	65	30	50.7	195	5
02420048	707450	1	33	31	24.2	65	30	50.2	205	5

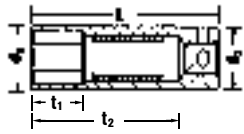
3/8" Drive Sockets and Tools

4606

Spark plug socket



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



SW Code	Item Code	Ø mm"	d ₁ mm	d ₂ mm	L mm	t ₁ mm	t ₂ mm	Δ g	Box
02 13 00 18	707470 [^]	18 - 11/16	24.2	22	65	18	52.8	132	10

Assembly of spark plugs on motorcycles, mopeds

45TX/7

Set: Sockets



for external TORX® screws.

Content:

E5; E6; E7; E8; E10; E12; E14



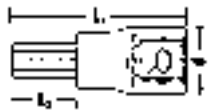
SW Code	Item Code	Δ g	Box
96 02 27 02	707435	219	1

in carton packing

49

INHEX sockets

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



SWCode	Item Code	Ø mm	L ₁ mm	L ₂ mm	d mm	Δ g	Box
02 05 00 03	707761	3	52	20	17.8	38	5
02 05 00 04	707762	4	52	20	17.8	40	5
02 05 00 05	707763	5	52	20	17.8	44	5
02 05 00 06	707764	6	52	20	17.8	46	5
02 05 00 07	707765	7	52	20	17.8	51	5
02 05 00 08	707766	8	52	20	17.8	55	5
02 05 00 10	707760	10	52	20	17.8	62	5

49a

INHEX sockets

SWCode	Item Code	Ø "	L ₁ mm	L ₂ mm	d mm	Δ g	Box
02 45 00 08	707768	1/8	52	20	17.8	40	5
02 45 00 09	707774 [^]	9/64	52	20	17.8	40	5
02 45 00 10	707772	5/32	52	20	17.8	40	5
02 45 00 12	707769	3/16	52	20	17.8	44	5
02 45 00 14	707773	7/32	52	20	17.8	46	5
02 45 00 16	707767	1/4	52	20	17.8	48	5
02 45 00 20	707771	5/16	52	20	17.8	55	5
02 45 00 24	707770	3/8	52	20	17.8	61	5

2049

INHEX sockets

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

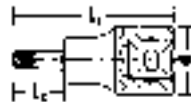


SW Code	Item Code	Ø mm	L ₁ mm	L ₂ mm	d mm	Δ g	Box
02 15 10 04	706392	4	100	68	17.8	45	5
02 15 10 05	706393	5	100	68	17.8	50	5
02 15 10 06	706394	6	100	68	17.8	57	5
02 15 12 08	706395	8	120	88	17.8	85	5
02 15 12 10	706391	10	120	88	17.8	106	5

49TX

Screwdriver sockets

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



SWCode	Item Code	Size	Ø mm	L ₁ mm	L ₂ mm	d mm	Δ g	Box
02 10 00 09	707784	T9	2.5	49	17	17.8	45	5
02 10 00 10	707776	T10	2.7	49	17	17.8	45	5
02 10 00 15	707777	T15	3.3	49	17	17.8	45	5
02 10 00 20	707778	T20	3.8	49	17	17.8	46	5
02 10 00 25	707779	T25	4.4	49	17	17.8	46	5
02 10 00 27	707780	T27	5	49	17	17.8	46	5
02 10 00 30	707781	T30	5.5	49	17	17.8	47	5
02 10 00 40	707782	T40	6.6	49	17	17.8	48	5
02 10 00 45	707783	T45	7.8	49	17	17.8	49	5

49TX/8

Set: Screwdriver sockets

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



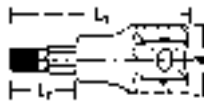
SW Code	Item Code	Δ g	Box
96 02 10 01	707775	456	1

in carton packing

49X

Screwdriver sockets

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



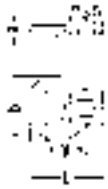
SWCode	Item Code	Size	L ₁ mm	L ₂ mm	d mm	Δ g	Box
02 06 00 05	707786 [^]	M5	52	20	17.8	45	5
02 06 00 06	707787 [^]	M6	52	20	17.8	47	5
02 06 00 08	707788 [^]	M8	52	20	17.8	56	5
02 06 00 10	707785 [^]	M10	52	20	17.8	63	5

3/8" Drive Sockets and Tools

540

CROW-FOOT spanners

Caution! Modified settings on torque wrench (refer to note on page 196), Chrome Alloy Steel, chrome plated.



SWCode	Item Code	Ø mm	Ø"	L mm	b mm	a mm	V mm	g	g	g
01 20 00 08	708198 [^]	8	1/4	25.5	19.8	6.3	14.8	21	1	1
01 20 00 09	708199 [^]	9	1/4	25.5	19.8	6.3	14.6	21	1	1
01 20 00 10	708170 [^]	10	1/4	25.5	19.8	6.3	14.6	20	1	1
02 20 00 11	708171 [^]	11	3/8	32	22.2	6.3	17.4	36	1	1
02 20 00 12	708172 [^]	12	3/8	34.3	25.4	6.3	18.2	37	1	1
02 20 00 13	708173 [^]	13	3/8	34.3	25.4	6.3	17.8	36	1	1
02 20 00 14	708174 [^]	14	3/8	37.7	30	6.3	20.8	46	1	1
02 20 00 15	708175 [^]	15	3/8	37.7	30	6.3	20.4	45	1	1
02 20 00 16	708176 [^]	16	3/8	37.7	30	6.3	19.9	45	1	1
02 20 00 17	708177 [^]	17	3/8	42.5	38	6.3	23.8	62	1	1
02 20 00 18	708178 [^]	18	3/8	42.5	38	6.3	22.9	61	1	1
02 20 00 19	708179 [^]	19	3/8	42.5	38	6.3	22.5	64	1	1
02 20 00 20	708180 [^]	20	3/8	42.5	38	6.3	25	55	1	1
02 20 00 21	708181 [^]	21	3/8	44.5	41	6.3	23.6	59	1	1
02 20 00 22	708182 [^]	22	3/8	44.5	41	6.3	24.2	64	1	1
02 20 00 23	708183 [^]	23	3/8	44.5	41	6.3	25.6	63	1	1
02 20 00 24	708184 [^]	24	3/8	44.5	41	6.3	26.2	60	1	1
02 20 00 25	708185 [^]	25	3/8	47	45	8	26.4	75	1	1
02 20 00 26	708186 [^]	26	3/8	47	45	8	27.6	80	1	1
02 20 00 27	708187 [^]	27	3/8	47	45	8	27.6	76	1	1
02 20 00 28	708188 [^]	28	3/8	50	50	8	29.3	78	1	1
02 20 00 30	708189 [^]	30	3/8	50	50	8	29.3	84	1	1
02 20 00 32	708190	32	3/8	53	57	8	30.5	95	1	1
02 20 00 34	708191 [^]	34	3/8	54.5	60	8	31.6	107	1	1
02 20 00 36	708192	36	3/8	56.5	62	8	32.8	100	1	1
02 20 00 40	708193 [^]	40	3/8	63	70	8	37.6	130	1	1
02 20 00 41	708194 [^]	41	3/8	63	70	8	37.2	130	1	1
02 20 00 42	708195 [^]	42	3/8	63	70	8	37.8	125	1	1
02 20 00 46	708196 [^]	46	3/8	72	82	8	43.1	191	1	1
02 20 00 50	708197 [^]	50	3/8	75	88	8	45.4	217	1	1

QR The QuickRelease system

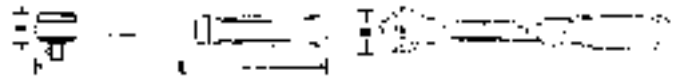
Ratchets, handles, extensions, universal joints with safety locks.

- 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.



Drive tools and accessories

3/8" □, finish: Chrome Alloy Steel, chrome plated.



422N Ratchet

fine tooth, reversible, 60 teeth, with 2-component handle, for use in confined spaces, re-engages after movement of 6°, DIN 3122/ISO 3315.



SW Code	Item Code	L mm	b mm	a mm	g	g
12 23 10 11	707106 [^]	194	32	24	236	1

435N Ratchet

reversible, 30 teeth, with 2-component handle, DIN 3122/ISO 3315.



SW Code	Item Code	L mm	b mm	a mm	g	g
12 11 10 10	707189	193	29	17.9	245	5

435QR QuickRelease ratchet



reversible, 30 teeth, with QuickRelease safety lock and 2-component handle, DIN 3122/ISO 3315.



SW Code	Item Code	L mm	b mm	a mm	g	g
12 11 00 20	707190	193	29	17.9	244	1

435QR N QuickRelease ratchet, fine tooth



reversible, 80 teeth, with QuickRelease safety lock and 2-component handle, for use in confined spaces, re-engages after movement of 4.5°, construction without screws prevents foreign object damage, DIN 3122/ISO 3315, registered design.



SW Code	Item Code	L mm	b mm	a mm	g	g
12 11 10 20	801999 [^]	193	30	15	235	1

45CL Clip strips

for socket retention, with 9 or 10 retaining clips. Supplied without sockets.



SWCode	Item Code	Size	L mm	g	g
80 45 00 01	707352	1	200	40	5
80 45 00 02	707353 [^]	2	300	58	5

3/8" Drive Sockets and Tools

435SG-QR Ratchet



reversible, 30 teeth, with QuickRelease safety lock and steel handle, DIN 3122/ISO 3315.



SW Code	Item Code	L mm	b mm	a mm	g	
12 11 00 30	707192 [^]	193	29	17.9	275	1

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.



SW Code	Item Code	L mm	b mm	a mm	g	
12 26 00 01	707393 [^]	300	34	24	505	1

Spare parts for ratchets No-422, 452

7350/5 Spare parts set

Content:
1 Pinion
1 Pawl
1 Switching disk
1 Spring
3 Screws

SW Code	Item Code	g	
59 25 10 05	709095 [^]	85	1

for ratchets from 12/97

Spare parts for ratchets No-435, 435SG, 438, 439

4350 Spare parts set

Content:
1 Pinion
1 Pawl
1 Lever with pin
1 Ball
2 Compression Springs
2 Screws

SW Code	Item Code	g	
19 02 00 00	707179 [^]	50	1

for ratchets from 1992

Individual Spare Parts

SWCode	Item Code	
SW43 50 D	707180 [^]	Piniononly
SW43 50 SCH	707186 [^]	Screwonly

Spare parts for ratchets No-435QR, 435SG-QR

4350 QR Spare parts set



Content:
1 Pinion
1 Pawl
1 Lever with pin
1 Ball
2 Compression Springs
2 Screws

SW Code	Item Code	g	
19 02 00 20	707183 [^]	51	1

424 Flexible handle

DIN 3122/ISO 3315.
with 2-component handle



SW Code	Item Code	L mm	g	
12 06 10 10	707107	253.5	222	1

425 Sliding T-handle

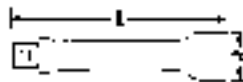
DIN 3122/ISO 3315.



SW Code	Item Code	L mm	g	
12 07 00 00	707108	165	133	5

427 Extensions

DIN 3123/ISO 3316.



SWCode	Item Code	Size	L mm	d mm	g	
12 01 00 05	707110	1.5	38	17	36	5
12 01 00 01	707114	3	76	17	67	5
12 01 00 06	707118	5	125	17	104	5
12 01 00 02	707120	6	160	17	127	5
12 01 00 03	707111	10	240	17	188	5
12 01 00 04	707113	18	455	17	345	5

427QR QuickRelease extensions



Patent, DIN 3123/ISO 3316.

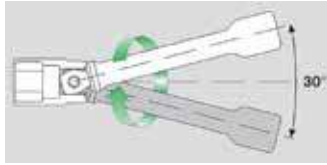


SWCode	Item Code	Size	L mm	d mm	g	
12 01 10 01	707116	3	76	17	66	1
12 01 10 02	707122	6	160	17	127	1
12 01 10 03	707112	10	240	17	185	1

3/8" Drive Sockets and Tools

Extensions with wobble-drive

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



SWCode	Item Code	No.	L mm	d mm	△△ g	☐
12010007	707117	427/3W	76	17	67	5
12010008	707119	427/5W	125	17	104	5
12010009	707123	427/6W	160	17	127	5

1225 Special extension

curved, for use on magnetic switch
diesel pump.



SW Code	Item Code	L mm	d mm	△△ g	☐
12250001	705742 [^]	150	17	128	5

428 Universal joint

DIN 3123/ISO 3316.



SW Code	Item Code	L mm	d mm	△△ g	☐
12020000	707124	46	18.8	55	5

431 Adaptor



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



SW Code	Item Code	L mm	d mm	△△ g	☐
12030001	707127	28	17.2	26	5

432 Adaptor



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



SW Code	Item Code	L mm	d mm	△△ g	☐
12030003	707129	31	17.2	36	5

45/14/5iQR

Socket set 3/8" ☐

In sturdy, stackable 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 N
- 2 extensions No 427QR/3 (76 mm),
No 427QR/10 (240 mm)
- 1 T-handle No 425QR
- 1 universal joint No 428QR



SW Code	Item Code	△△ g
96021180	804879	1856

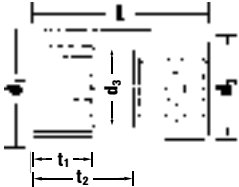


1/2" Drive Sockets and Tools

50 Sockets



metric sizes: DIN 3124/ISO 2725-1, E DIN EN 3709, ASME B 107.5 M,
American sizes: ASME B 107.1, Fed. Spec. GGG-W-641,
SAE AS 954-E (test loads),
HPQ® high performance steel, chrome plated.



SWCode	Item Code	Ø mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	⊠
03 01 00 08	707839	8	13	22	7	38	9	22	56	10
03 01 00 09	707840	9	13.7	22	8	38	9	22	57	10
03 01 00 10	707814	10	14.5	22	9	38	9	22	57	10
03 01 00 11	707815	11	15.8	22	10	38	9.5	22	52	10
03 01 00 12	707816	12	17	22	11	38	13	22	58	10
03 01 00 13	707817	13	18.3	22	12	38	13	22	60	10
03 01 00 14	707818	14	19.9	22.7	13	38	13	20.5	60	10
03 01 00 15	707819	15	21.2	22.7	14	38	13.5	20.2	62	10
03 01 00 16	707820	16	22.4	23.7	15	38	13.5	19.6	63	10
03 01 00 17	707821	17	24	23.7	15.2	38	15	19.6	66	10
03 01 00 18	707822	18	24.7	23.7	17	38	15.5	19.1	71	10
03 01 00 19	707823	19	26.2	25	18	38	16	21.7	78	10
03 01 00 20	707824	20	27.2	25	19	42	17	25.5	89	10
03 01 00 21	707825	21	28.7	26	20	42	18	25.2	104	10
03 01 00 22	707826	22	29.7	26	21	42	18	24.9	113	10
03 01 00 23	707827	23	30.7	26	20	42	18	25.4	114	5
03 01 00 24	707828	24	32	26	21	42	18.5	24.9	117	5
03 01 00 25	707829	25	33.2	25	22	42	18.5	24.6	119	5
03 01 00 26	707830	26	34.4	25	23	42	18.5	24.3	122	5
03 01 00 27	707831	27	36.2	26	24	45	19.5	27	150	5
03 01 00 28	707832	28	37.4	27	25	45	19.5	26.7	158	5
03 01 00 30	707834	30	39.7	28	27	45	20.5	26.1	171	5
03 01 00 31	707835	31	42.2	28	28	47	22	27.9	215	5
03 01 00 32	707836	32	42.2	28	29	47	22	27.6	189	5
03 01 00 34	707838	34	45	28	31	47	22	27	209	5

50a Sockets

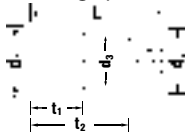
SW Code	Item Code	Ø mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	⊠
03 41 00 24	707857	3/8	14.3	22	8.3	38	9	22	57	10
03 41 00 28	707859	7/16	16.3	22	9.9	38	9	22	59	10
03 41 00 32	707850	1/2	18.3	22	11.5	38	13	22	59	10
03 41 00 34	707861	9/16	20.3	22.7	13.1	38	13	20.2	62	10
03 41 00 35	707854 [^]	19/32	21.3	22.7	13.5	38	13.5	20.1	61	10
03 41 00 36	707858	5/8	22.4	23.7	15	38	13.5	19.6	62	10
03 41 00 38	707851	11/16	24.2	23.7	16.5	38	15.5	19.2	68	10
03 41 00 40	707856	3/4	26.2	25	18	38	16	21.7	78	10
03 41 00 41	707855 [^]	25/32	27	25	18.6	41	16	24.6	90	5
03 41 00 42	707852	13/16	28.2	25	19.4	41	16.5	24.3	95	5
03 41 00 44	707860	7/8	29.7	26	21	42	18	24.9	111	5
03 41 00 46	707853	15/16	32	26	22.6	42	18.5	24.4	121	5
03 41 00 48	707841	1	33.7	27	24.2	42	18.5	24	135	5
03 41 00 50	707842	1 1/16	36.2	26	25.8	45	19.5	26.5	155	5
03 41 00 52	707845	1 1/8	38.1	28	27.4	45	20	26	167	5
03 41 00 54	707846 [^]	1 3/16	39	28	28	45	20.5	25.9	178	5
03 41 00 56	707844 [^]	1 1/4	40	28	30.5	45	21	25.1	196	5
03 41 00 58	707848	1 5/16	41.8	28	32.1	47	22	26.7	210	5
03 41 00 60	707847 [^]	1 3/8	46	28	33.7	50	23	29.2	232	5
03 41 00 62	707849 [^]	1 7/16	49.4	31	34	54	26	33.1	320	5
03 41 00 64	707843 [^]	1 1/2	51	31	35	54	26	32.8	330	5

6 Point sockets are also available - please contact customer service.

51 Sockets



extra deep, metric sizes: DIN 3124/ISO 2725-1, E DIN EN 3710,
E DIN EN 3709, ASME B 107.5M,
American sizes: ASME B 107.1, Fed. Spec. GGG-W-641, SAE AS 954-E,
HPQ® high performance steel, chrome plated.



SW Code	Item Code	mm/"	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	⊠
03 02 00 10	707939 [^]	10	14.5	22	9	83	19	67	90	10
03 02 00 13	707940 [^]	13	18.3	22	12	83	35	67	122	10
03 02 00 14	707941	14	19.9	22.7	13	83	35	65.2	129	10
03 02 00 15	707942	15	21.2	22.7	14	83	35	64.9	132	10
03 02 00 16	707943	16	22.4	23.7	15	83	35	64.6	145	10
03 02 00 16	707944 [^]	16-5/8 ¹⁾	22.4	23.7	15.4	83	19	64.5	137	10
03 02 00 17	707945 [^]	17	24	23.7	16	83	35	64.3	132	10
03 02 00 18	707946	18	24.7	23.7	17	83	35	64.1	170	10
03 02 00 19	707947 [^]	19	26.2	25	18	83	35	66.7	186	10
03 02 00 19	707949 [^]	20.8-13/16 ¹⁾	27.7	26	20	83	22	66.2	194	10
03 02 00 21	707950	21	28.7	26.5	20	83	35	66.2	231	10
03 02 00 22	707951	22	29.7	27.5	21	83	35	65.5	200	10
03 02 00 24	707952 [^]	24	32	30	21	83	35	66.1	280	5
03 02 00 26	707953	26	34.4	32.5	23	83	35	65.3	334	5
03 02 00 27	707954	27 ²⁾	36.2	34	27	83	20	60	294	5
03 02 00 30	707955	30 ²⁾	39.7	37.5	30.2	83	35	65	381	5
03 02 00 32	707956	32	42.4	40	29	83	35	63.9	461	5

¹⁾ with rubber insert for spark plugs

²⁾ for diesel injector (VW, Audi, Mercedes, Opel, Ford, Peugeot, Volvo, Toyota, Mazda, Nissan, Mitsubishi, Daihatsu)

51a Sockets

SWCode	Item Code	Ø mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	g	⊠
03 42 00 24	707971 [^]	3/8	14.3	22	8.3	83	19	67	93	5
03 42 00 28	707973 [^]	7/16	16.3	22	9.9	83	19	67	102	5
03 42 00 32	707966 [^]	1/2	18.3	22	11.5	83	35	67	122	5
03 42 00 34	707975 [^]	9/16	20.3	22.7	13.1	83	35	65.2	131	5
03 42 00 36	707972 [^]	5/8	22.4	23.7	15	83	35	64.6	145	5
03 42 00 38	707967 [^]	11/16	24.2	23.7	16.5	83	35	64.2	158	5
03 42 00 40	707970 [^]	3/4	26.2	25	18	83	35	66.7	188	5
03 42 00 42	707968 [^]	13/16	27.7	26	19.5	83	35	66.3	170	5
03 42 00 44	707974 [^]	7/8	29.7	27.5	21	83	35	65.9	200	5
03 42 00 46	707969 [^]	15/16	32	30	22.6	83	35	65.7	281	5
03 42 00 48	707957 [^]	1	33.7	32	24.2	83	35	65	260	5
03 42 00 50	707958 [^]	1 1/16	36.2	34	25.8	83	35	64.5	359	5
03 42 00 52	707961 [^]	1 1/8	38.1	36	27.4	83	35	64	300	5
03 42 00 54	707962 [^]	1 3/16	39	37	28	83	35	63.9	377	5
03 42 00 56	707960 [^]	1 1/4	40	38	30.5	83	35	63.1	433	5
03 42 00 58	707964 [^]	1 5/16	41.8	40	32.1	83	35	62.7	479	5
03 42 00 60	707963 [^]	1 3/8	46	44	33.7	83	35	62.2	506	5
03 42 00 62	707965 [^]	1 7/16	49.4	47	34	83	35	62.1	635	5
03 42 00 64	707959 [^]	1 1/2	51	49	35	83	35	61.8	675	5

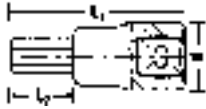


1/2" Drive Sockets and Tools

54

INHEX sockets

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



SWCode	Item Code	mm	L ₁ mm	L ₂ mm	d mm	g	
03 05 00 04	708099	4	60	22	22.7	68	5
03 05 00 05	708100	5	60	22	22.7	68	5
03 05 00 06	708101	6	60	22	22.7	71	5
03 05 00 07	708102	7	60	22	22.7	75	5
03 05 00 08	708103	8	60	22	22.7	79	5
03 05 00 10	708094	10	60	22	22.7	97	5
03 05 00 12	708095	12	60	20	23.7	122	5
03 05 00 14	708096	14	60	20	23.7	135	5
03 05 00 17	708097	17	60	20	27.5	186	5
03 05 00 19	708098	19	60	20	31	242	5

54a

INHEX sockets

SW Code	Item Code	"	L ₁ mm	L ₂ mm	d mm	g	
03 45 00 14	708111	7/32	60	22	22.7	70	5
03 45 00 16	708105	1/4	60	22	22.7	75	5
03 45 00 20	708108 [^]	5/16	60	22	22.7	81	5
03 45 00 24	708107	3/8	60	22	22.7	97	5
03 45 00 28	708110	7/16	60	22	22.7	103	5
03 45 00 32	708104 [^]	1/2	60	20	23.7	125	5
03 45 00 34	708112 [^]	9/16	60	20	23.7	137	5
03 45 00 36	708109	5/8	60	20	27.5	169	5
03 45 00 40	708106 [^]	3/4	60	20	31	244	2

54/10

INHEX socket set No-54

sizes 4; 5; 6; 7; 8; 10; 12; 14; 17; 19-mm

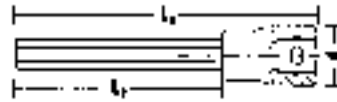


SW Code	Item Code	g
96 03 15 08	708166 [^]	1655

in sturdy ABS plastic case

INHEX sockets

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

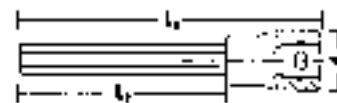


SWCode	Item Code	No.	mm	L ₁ mm	L ₂ mm	d mm	g	
03 15 12 05	706398	2054/5	5	120	82	22.7	78	5
03 15 12 06	706399	2054/6	6	120	82	22.7	84	5
03 15 12 07	706400 [^]	2054/7	7	120	82	22.7	96	5
03 15 12 08	705160	1054/8K	8	120	82	22.7	104	5
03 15 14 10	705152	1054/10	10	140	102	22.7	150	5
03 15 14 12	705153	1054/12 ¹⁾	12	140	100	23.7	197	5
03 15 14 14	706397 [^]	2054/14	14	140	100	23.7	231	5

¹⁾ For fitting radiators

INHEX sockets

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



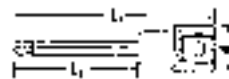
SWCode	Item Code	No.	mm	L ₁ mm	L ₂ mm	d mm	g	
03 15 18 05	705155 [^]	1054/5	5	180	20	22	118	5
03 15 07 06	705156 [^]	1054/6	6	70	32	22.7	72	5
03 15 10 06	706682 [^]	3054/6 ¹⁾	6	100	62	22.7	80	5
03 15 22 06	705157 [^]	1054/6L	6	220	182	22.7	108	5
03 15 10 07	705158 [^]	1054/7	7	100	62	22.7	87	5
03 15 08 08	706683 [^]	3054/8	8	80	42	22.7	88	5
03 15 14 08	705159 [^]	1054/8	8	140	102	22.7	114	5
03 15 07 13	705154 [^]	1054/13	13	70	25	24	130	5

¹⁾ for intake manifolds on 5-cylinder diesel engines on VW/Audi and T4 vans

54KK

INHEX sockets

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



SWCode	Item Code	mm	L ₁ mm	L ₂ mm	d mm	g	
03 28 00 05	708131	5	100	62	22.7	75	5
03 28 00 06	708132	6	100	62	22.7	80	5
03 28 00 07	708133 [^]	7 ¹⁾	100	62	22.7	84	5
03 28 00 08	708134	8	100	62	22.7	95	5
03 28 00 10	708130	10	100	62	22.7	120	5

¹⁾ Application: BMW brakes

1/2" Drive Sockets and Tools

1054KK INHEX sockets

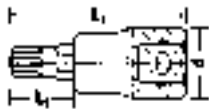
with ball point hexagon,
for hexagon socket head screws,
swivel angle up to 25° each side,
special lengths,
Chrome Alloy Steel, chrome plated.



SW Code	Item Code	mm	L ₁ mm	L ₂ mm	d mm	g	
03 31 00 05	705142 [^]	5	238	200	22.7	145	5
03 31 00 08	705143 [^]	8	238	200	22.7	154	5

54CV Screwdriver sockets

for spline socket head screws
(Ribe CV®), Chrome Alloy Steel, chrome plated.



SW Code	Item Code	Size	L ₁ mm	L ₂ mm	d mm	g	
03 09 00 05	708123 [^]	M5	60	22	22.7	69	5
03 09 00 06	708118	M6	60	22	22.7	71	5
03 09 00 07	708119	M7	60	22	22.7	78	5
03 09 00 08	708120	M8	60	22	22.7	78	5
03 09 00 09	708121 [^]	M9	60	22	22.7	92	5
03 09 00 10	708113	M10	60	22	22.7	95	5
03 09 00 12	708114	M12	60	20	23.7	119	5
03 09 00 13	708115	M13	60	20	23.7	123	5
03 09 00 14	708116	M14	60	20	23.7	126	5
03 09 00 16	708117 [^]	M16	63	23	27.5	163	5

Application:

Size M7, for brakes, cylinder headscrews, body work and motor jobs incl. valve covers and spark plug covers on Fiat vehicles

Size M8, body work and motor jobs incl. valve covers and spark plug covers on Fiat vehicles

Size M9, brakes, cylinder head screws (1.2l; 8V/16V) on Fiat vehicles

Size M10, for cylinder head screws (1.2l; 8V/16V) on Fiat vehicles

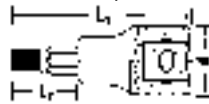
Size M12 for cylinder head screws on Fiat 2.0l engines

Size M13, for brakes, cylinder head screws on Fiat vehicles; cylinder head screws on Alfa vehicles, e.g. 1.6l; 16V engines

Size M14; M16, for cylinder head screws on Alfa vehicles, e.g. 1.6l; 16V engines

54X Screwdriver sockets

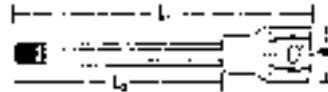
for trisquare socket head screws (XZN[®]), DIN 2324,
Chrome Alloy Steel, chrome plated.



SW Code	Item Code	Size	L ₁ mm	L ₂ mm	d mm	g	
03 06 00 05	708163	M5	60	22	22.7	67	5
03 06 00 06	708164	M6	60	22	22.7	74	5
03 06 00 08	708165	M8	60	22	22.7	79	5
03 06 00 10	708159	M10	60	22	22.7	94	5
03 06 00 12	708160	M12	60	20	23.7	120	5
03 06 00 14	708161	M14	60	20	23.7	128	5
03 06 00 16	708162	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.



SW Code	Item Code	Size	L ₁ mm	L ₂ mm	d mm	g	
03 26 14 08	706681	M8	140	102	22.7	109	5
03 26 14 10	706678	M10	140	102	22.7	142	5
03 26 14 12	706679	M12	140	102	22.7	160	5
03 26 14 14	706680	M14	140	100	23.7	225	1

Application: sizes M10 and M12 for cylinder head screws on VW/Audi, Opel, Mercedes-Benz.

size M14 for cylinder head screws on VM diesel engines, Chrysler

Screwdriver sockets

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

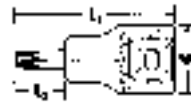


SW Code	Item Code	No.	Size	L ₁ mm	L ₂ mm	d mm	g	
03 16 08 08	705151 [^]	1054x	M8	80	42	22.7	86	5
03 16 12 08	706405 [^]	2054x	M8	120	82	22.7	104	5
03 16 11 10	706403 [^]	2054x	M10	110	72	22.7	130	5
03 16 11 12	706404 [^]	2054x	M12	110	70	23.7	168	5

Application: No-1054x, size M8, for jointed shafts on VW/Audi

54TX Screwdriver sockets

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



SW Code	Item Code	Size	mm	L ₁ mm	L ₂ mm	d mm	g	
03 10 00 20	708149	T20	3.8	55	17	22.7	71	5
03 10 00 25	708150	T25	4.4	55	17	22.7	71	5
03 10 00 27	708151	T27	5	55	17	22.7	72	5
03 10 00 30	708152 [^]	T30	5.5	55	17	22.7	72	5
03 10 00 40	708153	T40	6.6	55	17	22.7	72	5
03 10 00 45	708154	T45	7.8	55	17	22.7	74	5
03 10 00 50	708155	T50	8.8	55	17	22.7	86	5
03 10 00 55	708156	T55	11.2	58	18	23.7	112	5
03 10 00 60	708157	T60	13.2	58	18	23.7	113	5

Application: size T55 for the cylinder head screws on the Opel Omega V6

54TX/9 Set: Screwdriver sockets

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



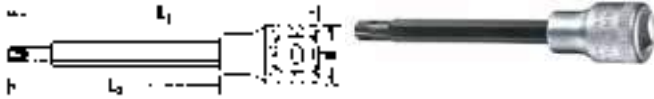
SW Code	Item Code	g	
9603 10 04	708137	820	1

packed in carton

1/2" Drive Sockets and Tools

Screwdriver sockets

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

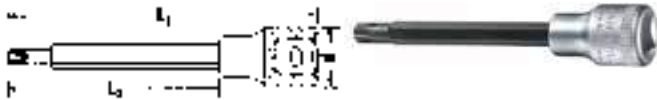


SW Code	Item Code	No.	Size	mm	L ₁ mm	L ₂ mm	d mm	g		
03 13 12 30	705144 [^]	1054TX	T30	5.5	120	82	22.7	99	5	
03 13 14 40	706401 [^]	2054TX	T40	6.6	140	102	22.7	110	5	
03 13 14 45	706402 [^]	2054TX	T45	7.8	140	102	22.7	111	5	
03 13 14 50	705147 [^]	1054TX	T50	8.8	140	102	22.7	143	5	
03 13 14 55	705148 [^]	1054TX	T55	11.2	140	102	22.7	159	5	
03 13 14 60	705149 [^]	1054TX	T60	13.2	140	100	23.7	221	5	

Application: size T45 for the intake rail of the Ford Scorpio with a 2.4; 2.8; 2.9 l injection engine and for the VW Passat from April 1989 with a 1.6; 1.8; 2.0 l engine and gearbox type 02A, size T55 for the cylinder head screws on various Ford models, e.g. Mondeo 16V

1054TX Screwdriver sockets

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

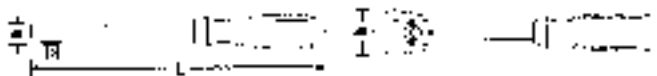


SW Code	Item Code	Size	mm	L ₁ mm	L ₂ mm	d mm	g		
03 13 12 40	705145 [^]	T40	6.6	120	82	22.7	100	5	
03 13 12 45	705146 [^]	T45	7.8	120	82	22.7	100	5	
03 13 10 70	705150 [^]	T70 ¹⁾	15.5	107	67	23.7	201	5	

1) for cylinder head screws type Ford 1.8 l diesel (Turbo) Fiesta, Escort, Sierra, P100 from 8/92

Drive tools and accessories

1/2", finish: Chrome Alloy Steel, chrome plated.



512 Ratchet

reversible (36 teeth),
with 2-component handle
DIN 3122/ISO 3315.



SW Code	Item Code	L mm	b mm	a mm	g		
13 11 10 10	707998	265.5	41	18	600		1

512QR N QuickRelease ratchet

reversible, 80 teeth with QuickRelease safety lock and 2-component handle, for use in confined spaces, re-engages after movement of 4.5°, DIN 3122/ISO 3315, registered design.



SW Code	Item Code	L mm	b mm	a mm	g		
13 11 11 20	708012	265.5	41	23	647		1

512SG-QR Ratchet



reversible (36 teeth), with QuickRelease safety lock and steel handle, DIN 3122/ISO 3315.



SW Code	Item Code	L mm	b mm	a mm	g		
13 11 00 30	708014	265.5	41	18	680		1

517 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.



SW Code	Item Code	L mm	b mm	a mm	g		
13 26 00 01	708029	415	43	26	798		1

Spare parts for ratchets No-512, 512SG, 532, 538

5120 + 7210/15 Spare parts set

Content:
1 Pinion
1 Pawl
1 Lever with pin
1 Ball
2 Compression Springs
2 Screws

SW Code	Item Code	g	
1904 00 00	708006	127	1

for ratchets from 1990



1/2" Drive Sockets and Tools

Spare parts for ratchets No-512, 512SG-QR

5120 QR Spare parts set



Content:
1 Pinion
1 Pawl
1 Lever with pin
1 Ball
2 Compression Springs
2 Screws

SW Code	Item Code	△△ g	
19 04 00 20	708003 [^]	127	1

Spare parts for ratchets No-515, 517

7350/20 Spare parts sets

Content:
1 Pinion
1 Pawl
1 Switching disk
1 Spring
3 Screws

SW Code	Item Code	△△ g	
59 25 10 20	709090 [^]	146	1

for ratchets from 4/96

504 Flexible handle

DIN 3122/ISO 3315.
with 2-component handle.



SWCode	Item Code	Size	L mm	△ g	
13 06 10 12	707907	15	397	674	1
13 06 10 13	707908	18	469	770	1

5040 Spare parts set

for No-504.
Content:
1 Universal Joint
1 Screw
1 Spring Washer



SWCode	Item Code	△△ g	
96 19 08 00	707909 [^]	75	1

506 Sliding T-handle

DIN 3122/ISO 3315.



SW Code	Item Code	L mm	△ g	
13 07 00 00	707910 [^]	300	436	5

506QR QuickRelease sliding T-handle

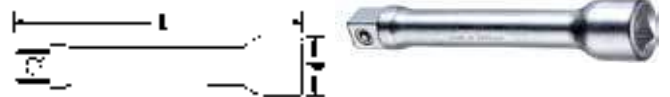


Patent, with QuickRelease safety lock.

SW Code	Item Code	L mm	△△ g	
13 07 10 00	707911 [^]	300	470	1

509 Extensions

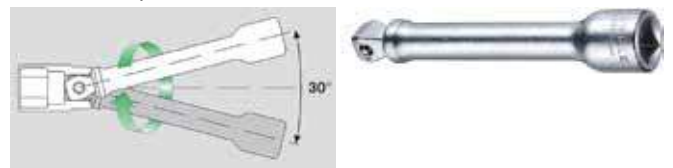
DIN 3123/ISO 3316.



SW Code	Item Code	Size	L mm	d mm	△△ g	
13 01 00 01	707916	2	52	23	88	5
13 01 00 04	707920 [^]	3	75	23.2	120	5
13 01 00 02	707923	5	130	23.2	191	5
13 01 00 03	707912	10	255	23.2	341	5

Extensions with wobble-drive

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



SW Code	Item Code	No.	L mm	d mm	△△ g	
13 01 00 05	707919	509/2W	52	23	88	5
13 01 00 06	707922	509/3W	75	23.2	120	5
13 01 00 07	707926 [^]	509/5W	130	23.2	191	5
13 01 00 08	707915	509/10W	255	23.2	341	5

QuickRelease extensions



Patent
DIN 3123/ISO 3316.



SW Code	Item Code	No.	L mm	d mm	△△ g	
13 01 10 01	707918 [^]	509/2QR	52	23	90	1
13 01 10 04	707921 [^]	509/3QR	75	23	123	1
13 01 10 02	707925 [^]	509/5QR	130	23	187	1
13 01 10 03	707914 [^]	509/10QR	255	23	341	1

3505 Special extension

for CROW-FOOT spanner No-3540



SW Code	Item Code	L mm	d mm	△△ g	
13 21 00 01	706704 [^]	120	23.2	186	1

1/2" Drive Sockets and Tools

510 Universal joint

DIN 3123/ISO 3316.

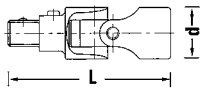


SW Code	Item Code	L mm	d mm	⚖ g	📦
13 02 00 00	707993 [^]	71	25	146	5

510QR QuickRelease universal joint



Patent, DIN 3123/ISO 3316, with QuickRelease safety lock.



SW Code	Item Code	L mm	d mm	⚖ g	📦
13 02 10 00	707997 [^]	80	25	157	1

513 Adaptor



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



SW Code	Item Code	L mm	d mm	⚖ g	📦
13 03 00 02	708015	35	22.7	55	5

514 Adaptor



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



SW Code	Item Code	L mm	d mm	⚖ g	📦
13 03 00 05	708017	44	25	118	5

50ma/39/6N Socket set 1/2"

in sturdy sheet steel case, 45 pieces

Content:

39 sockets with bi-hexagon
 No 50: sizes 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 25; 26; 27; 28; 30; 32; 34 mm
 No 50a: sizes 3/8; 7/16; 1/2; 9/16; 19/32; 5/8; 11/16; 3/4; 25/32; 13/16; 7/8; 15/16; 1; 1 1/16; 1 1/8; 1 3/16; 1 1/4"

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



SW Code	Item Code	⚖ g
96 03 01 40	707934 [^]	9020

50/16/6 Socket set 1/2"

In sturdy, stackable ABS plastic case,

22 pieces

Content:

16 sockets with bi-hexagon No 50: sizes 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24; 27; 30; 32 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



SW Code	Item Code	⚖ g
96 03 14 47	805336	4827

50a/17/6 Socket set 1/2"

In sturdy ABS plastic case,

23 pieces

Content:

17 sockets with bi-hexagon No 50a: sizes 3/8; 7/16; 1/2; 9/16; 19/32; 5/8; 11/16; 3/4; 25/32; 13/16; 7/8; 15/16; 1; 1 1/16; 1 1/8; 1 3/16; 1 1/4"

1 ratchet No 512

3 extensions No 509/2 (52 mm), No

509/5 (130 mm),

No 509/10 (255 mm)

1 T-handle No 506

1 universal joint No 510



SW Code	Item Code	⚖ g
96 03 51 25	707932 [^]	5145

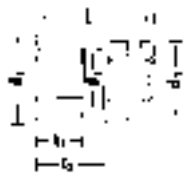


3/4" Drive Sockets and Tools

55 Sockets



DIN 3124/ISO 2725-1, ASME B 107.5 M,
AS drive and HPQ® high performance steel up to size 38,
chrome plated.



SW Code	Item Code	Ø mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δ g	☐
05 01 00 19	708236 [^]	19	28.5	34.7	17	50	16	26	183	5
05 01 00 21	708237 [^]	21	31	34.7	18	50	16	26	226	5
05 01 00 22	708238 [^]	22	32	34.7	19	51	17	25.2	199	5
05 01 00 24	708240 [^]	24	34	34.7	21	51	18.5	24.6	200	5
05 01 00 27	708241 [^]	27	38.5	38	24	54	20	26.8	263	5
05 01 00 30	708244 [^]	30	42	38	27	58	21	33.6	313	5
05 01 00 32	708245 [^]	32	44.5	38	29	58	22	33	326	2
05 01 00 33	708246 [^]	33	46	40	30	60	22	34.7	372	2
05 01 00 34	708247 [^]	34	47	40	31	60	24	34.4	363	2
05 01 00 36	708248 [^]	36	49.5	40	33	60	24	33.9	386	2
05 01 00 38	708249 [^]	38	52	40	35	64	30	37.3	429	2
05 01 00 41	708250 [^]	41	55.5	40	33	67	30	37.5	498	2
05 01 00 46	708251 [^]	46	61	40	33	73	34	43.5	605	1
05 01 00 50	708252 [^]	50	66	40	33	80	34	48.5	769	1
05 01 00 55	708253 [^]	55	72	45	33	80	36	49.5	954	1
05 01 00 60	708254 [^]	60	78	45	33	80	40	50.5	1025	1

55a Sockets



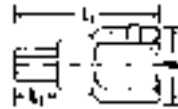
SAE AS 954-E (test loads), ASME B 107.1,
AS drive and HPQ® high performance steel up to size 1 1/2",
chrome plated.



SW Code	Item Code	Ø mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δ g	☐
05 41 00 40	708272 [^]	3/4	28.5	34.7	18.6	50	16	26	176	2
05 41 00 42	708268 [^]	13/16	31	34.7	19.4	51	16.5	25.1	190	2
05 41 00 44	708274 [^]	7/8	33	34.7	21	51	18	24.5	240	2
05 41 00 46	708269 [^]	15/16	34	34.7	22.5	51	18.5	24.2	248	2
05 41 00 48	708255 [^]	1	37	38	24	52	20	24.8	251	2
05 41 00 50	708256 [^]	1 1/16	38.5	38	26	54	20	26.2	265	2
05 41 00 52	708259 [^]	1 1/8	41	38	27.5	57	20	32.5	297	2
05 41 00 56	708258 [^]	1 1/4	44.5	38	30.5	58	22	32.6	339	2
05 41 00 58	708264 [^]	1 5/16	46.5	40	32.1	59	24	33.1	368	2
05 41 00 60	708263 [^]	1 3/8	48.5	40	33.7	59	24	32.7	375	2
05 41 00 62	708266 [^]	1 7/16	50	40	35.3	60	27	33.2	395	2
05 41 00 64	708257 [^]	1 1/2	52	40.5	36.8	64	30	36.8	415	2
05 41 00 66	708265 [^]	1 5/8	56	40	33	67	30	37.5	469	1
05 41 00 67	708260 [^]	1 11/16	58	40	33	70	32	40.5	524	1
05 41 00 68	708262 [^]	1 3/4	59.5	40	33	70	32	40.5	524	1
05 41 00 69	708261 [^]	1 13/16	61.5	40	33	73	34	43.5	585	1
05 41 00 70	708267 [^]	1 7/8	63.5	40	33	76	34	45	651	1
05 41 00 72	708270 [^]	2	67	40	33	80	34	48.5	757	1

59 INHEX sockets

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



SW Code	Item Code	Ø mm	L ₁ mm	L ₂ mm	d mm	Δ g	☐
05 05 00 14	708375 [^]	14	80	25	34.7	272	1
05 05 00 17	708376 [^]	17	80	25	34.7	311	1
05 05 00 19	708377 [^]	19	80	25	34.7	346	1
05 05 00 22	708378 [^]	22	80	25	40	515	1

Drive tools and accessories

3/4" □, finish: Chrome Alloy Steel, chrome plated.



552 Ratchet

reversible (36 teeth),
without Bar Handle No-558.



SW Code	Item Code	L mm	b mm	a mm	Δ g	☐
15 11 00 00	708303 [^]	165	70	60	1684	1

554 Flexible head



SW Code	Item Code	L mm	d mm	Δ g	☐
15 06 00 00	708314 [^]	131	40	612	5

556 Sliding head

without bar handle No 558.



SW Code	Item Code	L mm	d mm	Δ g	☐
15 07 00 00	708320 [^]	61.5	40	318	5

558 Bar handle



SW Code	Item Code	L mm	d mm	Δ g	☐
15 17 00 00	708321 [^]	510	20	1299	2

3/4" Drive Sockets and Tools

568 Adaptor



3/4" socket x 1/2" plug (20 x 12.5mm), maximum torque 512 N m, DIN 3123/ISO 3316, HPQ® high performance steel.



SW Code	Item Code	L mm	d mm	△▽ g	
15 03 00 03	708356 [^]	55	34.7	203	5

569 Adaptor



3/4" inside x 1" plug (20 x 25mm), DIN 3123/ISO 3316, HPQ® high performance steel.



SW Code	Item Code	L mm	d mm	△▽ g	
15 03 00 06	708358 [^]	61	34.7	295	5

55/10/6 Socket set 3/4"

in sturdy sheet steel case, 16 pieces

Content:

10 sockets with hexagon No 55: sizes 22; 24; 27; 30; 32; 34; 36; 41; 46; 50 mm

1 ratchet No 552

2 extensions No 559/8 (200 mm), No 559/16 (400 mm)

1 flexible head No 554

1 sliding head for T-handle No 556

1 bar handle No 558

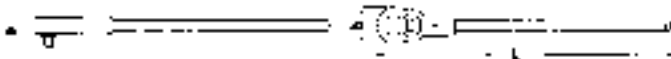


SW Code	Item Code	△▽ g
96 05 01 04	708291 [^]	13965

1" Drive Sockets and Tools

Drive tools and accessories

1" , finish: Chrome Alloy Steel, chrome plated.



882 Ratchet

reversible (36 teeth), without Bar Handle No-888.



SW Code	Item Code	L mm	b mm	a mm	△▽ g	
16 11 00 00	709370 [^]	185	70	60	2000	1

886 Sliding head

without bar handle No 888.



SW Code	Item Code	L mm	d mm	△▽ g	
16 07 00 00	709376 [^]	80	48	605	1

884 Flexible head



SW Code	Item Code	L mm	d mm	△▽ g	
16 06 00 00	709374 [^]	195	48	1800	1

888 Bar handle



SW Code	Item Code	L mm	d mm	△▽ g	
16 17 00 00	709378 [^]	700	28	3320	1

MANOSKOP® 714

Electromechanical torque and angle-controlled wrench

Benefits at a glance:

- Indicating and with cut-out
- 4 measuring methods (torque, angle, torque backed up by angle, angle backed up by torque)
- Freely configurable menu structure
- Includes Sensomaster software for easy configuration of the tool
- 3 function modes: cut-out, peak (indicating mode displaying peak reading) and track (indicating mode displaying current value)
- Angle-controlled measurement without a reference arm
- Data storage (≤ 2,500 tightening jobs)
- Acoustic and visual assessment of the joint
- Clockwise and anticlockwise tightening
- Tactile and acoustic trigger signals
- Torque and angle are simultaneously visible
- All readings are independent of the point of application of force with sizes 1, 2 and 4
- Display deviation value ± 2 % for torque and ± 1% for angle

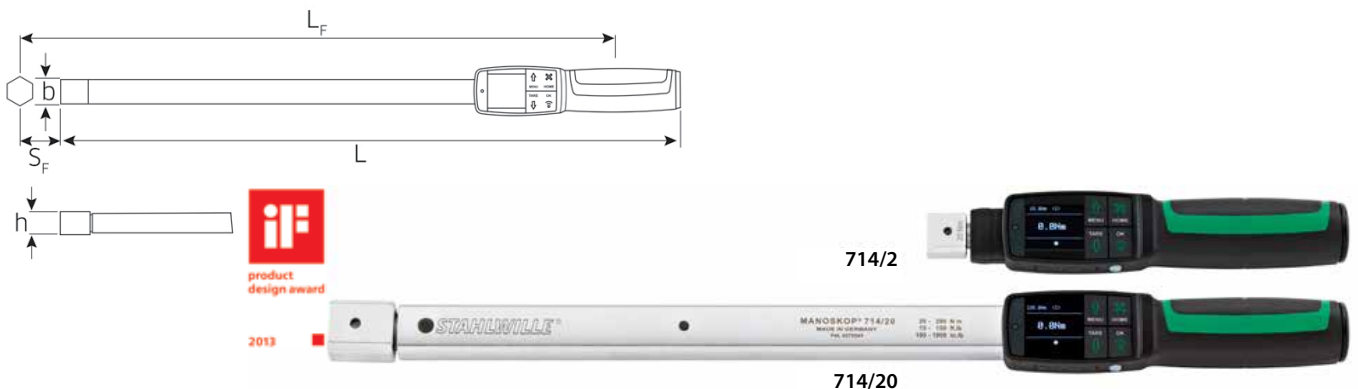


- | | |
|--|--|
| <p>1 High-definition graphical colour display with additional side-mounted indicator lamps</p> <p>2 Automatic key-lock prevents inadvertent changes</p> <p>3 Fast, accurate setting via keypad</p> <p>4 Own ident number can be stored in the wrench</p> <p>5 Indicator lamps clearly visible from all sides
Yellow light: advance warning threshold reached
Green light: within the target range
Red light: reading is outside the tolerance range</p> <p>6 In a sturdy plastic case with foam inlays (sizes 40–100 in steel case)
With certificate</p> <p>6 Optional extras: Li-Ionen battery No 7195-2 and charger</p> | <p>7 No 7160</p> <p>7 Individually configurable menus</p> <p>8 Micro USB interface</p> <p>9 Battery compartment with smooth-action bayonet fitting</p> <p>10 Up to 200 joints can be programmed in up to 25 sequences</p> <p>11 The wrench reminds the user automatically when calibration is due – either by the number of joints or the time interval</p> <p>12</p> |
|--|--|

MANOSKOP® 714 – indicating and cut-out Electromechanical torque and angle-controlled wrench

- 4 measuring modes (torque, angle, torque backed up by angle, angle backed up by torque)
- High-definition colour display with additional side-mounted indicator lamps
- Freely configurable menu structure
- Optionally: Li-ion battery No 7195-2 and charger No 7160
- 3 function modes: cut-out, peak (indicating mode with peak value) and track (indicating mode with current value)
- Micro USB 2.0 interface
- Bayonet connection for battery compartment
- QuickRelease safety lock change system for insert tools
- Angle-controlled measurement without a reference arm
- Data storage (< 2500 tightening jobs) as many as 200 joints can be programmed in up to 25 preset sequences.
- Different tolerance limits can be set for each joint
- Acoustic and visual assessment of the joint
- Rapid, accurate setting via keypad
- The automatic keypad lock prevents inadvertent changes
- Overload protection by means of acoustic and visual signals and a fail-safe system (clockwise)
- Automatic notification of the next calibration date, either by the number of joints or the time interval
- Fully automated calibrating and adjusting using the perfectControl calibrating and adjusting unit No 7794-2 (torque) or 7794-3 (torque and angle)
- Units of measure: N m, ft.lb, in.lb.
- Tightening torque is automatically corrected if a deviating extension is entered
- Immediately reusable after release
- Clockwise and anticlockwise tightening – it may be necessary to refit the insert tool rotated through 180° for anticlockwise tightening in the cut-out mode
- Tactile, visual and acoustic trigger signal.
- Torque and angle are simultaneously visible
- All readings are independent of the point of application of force (with sizes 1, 2 and 4)
- Safe handling due to ergonomically designed handle (resistant to oils, grease, fuels, brake fluid and Skydrol)
- 2 certificates (torque, angle)
- In sturdy plastic case (size 40 in steel case)
- Design patent, other patents applied for
- Supplied with Sensomaster software, USB cable, 4 AAA/LR03 micro-batteries, 1.5 V. AAA, 1.2 V, micro NiMH rechargeable batteries can be used
- Display resolution, angle 0.1°
- Display deviation value, angle ±1%, ±1 digit
- Display resolution, torque (< 40 N m: 0.01 N m; > 40 N m: 0.1 N m)
- Display deviation value, angle ±2%, ±1 digit

714 Basic wrenches with tool carrier for insert tools



SW Code	Item Code	size	N m	ft.lb	in.lb	mm	b mm	h mm	L mm	L _F mm	S _F mm	g	g with box
96500901	800650 [^]	1	1 - 10	0.75 - 7.5	9 - 90	9x12	28	23	226	188	17.5	370	795
96500902	800651 [^]	2	2 - 20	1.5 - 15	18 - 180	9x12	28	23	226	188	17.5	380	805
96500904	800652 [^]	4	4 - 40	3 - 30	36 - 360	9x12	28	23	252	214	17.5	420	845
96500906	800653 [^]	6	6 - 60	4.5 - 45	54 - 540	9x12	28	23	393	355	17.5	810	1235
96500910	800654 [^]	10	10 - 100	7.5 - 75	90 - 900	9x12	28	23	466	428	17.5	1085	1510
96500920	800655 [^]	20	20 - 200	15 - 150	180 - 1800	14x18	28	23	547	516	25	1361	1896
96500940	800656 [^]	40	40 - 400	30 - 300	360 - 3600	14x18	28	23	687	656	25	1765	5155

Refer inserts on page 49-50

MANOSKOP® 730D

Electromechanical torque wrench

Benefits at a glance:

- Cut-out and indicating
- Displays the torque actually applied after the wrench cuts out. In this way, the user has the opportunity to optimise his or her working methods.
- Units of measurement: N m / ft.lb / in.lb
- Automatic keypad lock
- Display also works for anticlockwise torque
- Angle-controlled measurement without a reference arm using a supplementary module
- Overload protection by means of acoustic and visual signals
- Automatic compensation to achieve correct tightening torque even if a changed extension is entered
- Different tolerance limits can be set for each joint
- Visual red and green signals in the display confirm the status of the joint
- Additional security for presets using PIN code
- Automatic notification of the next calibration date
- Deviation of indication $\pm 2\%$
- Measure, cut-out and record: When the preset torque is reached, the torque wrench cuts out and indicates this fact to the user via a definite tactile and audible signal. The tightening torques are stored. The data can be transferred to a PC for evaluation and documentation.



7395-1

- | | |
|---|---|
| <div data-bbox="113 1597 188 1675" data-label="Text"> <p>1</p> </div> <div data-bbox="220 1585 707 1617" data-label="Text"> <p>The square drive enables a broad range of insert tools</p> </div> | <div data-bbox="818 1597 893 1675" data-label="Text"> <p>5</p> </div> <div data-bbox="925 1585 1256 1617" data-label="Text"> <p>Power supply two 1.5 V AA batteries</p> </div> |
| <div data-bbox="113 1709 188 1787" data-label="Text"> <p>2</p> </div> <div data-bbox="220 1702 730 1731" data-label="Text"> <p>Dual stop signal with tactile and acoustic cut-out signals</p> </div> | <div data-bbox="818 1709 893 1787" data-label="Text"> <p>6</p> </div> <div data-bbox="925 1702 1468 1785" data-label="Text"> <p>Angle controlled tightening
Simply attach the Angle Module No 7395-1 and connect the cable to the interface</p> </div> |
| <div data-bbox="113 1821 188 1899" data-label="Text"> <p>3</p> </div> <div data-bbox="220 1814 408 1843" data-label="Text"> <p>Easy-to-read display</p> </div> | <div data-bbox="818 1821 893 1899" data-label="Text"> <p>7</p> </div> <div data-bbox="925 1814 1168 1843" data-label="Text"> <p>Data output USB interface</p> </div> |
| <div data-bbox="113 1933 188 2011" data-label="Text"> <p>4</p> </div> <div data-bbox="220 1926 734 2011" data-label="Text"> <p>Rapid setting
The convenient keypad enables the torque wrench to be quickly and easily set</p> </div> | <div data-bbox="818 1933 893 2011" data-label="Text"> <p>8</p> </div> <div data-bbox="925 1926 1468 2011" data-label="Text"> <p>2-component handle has ergonomically designed, green softer layers and is resistant to oils, grease, fuels, brake fluids and Skydrol.</p> </div> |
| | <div data-bbox="818 2045 893 2123" data-label="Text"> <p>9</p> </div> <div data-bbox="925 2038 1153 2069" data-label="Text"> <p>QuickRelease safety lock</p> </div> |

Service work & series production MANOSKOP® 730D – indicating and cut-out

This electromechanical torque wrench combines the “indicating” and “cut-out” functions in a single tool; the function modes can be selected independently of each other. With a mount for interchangeable sockets and inserts and QuickRelease safety lock; rapid setting using the convenient foil keypad and large display; tactile and acoustic trigger signal.

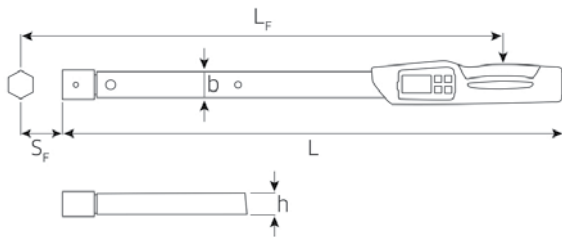
Differing tolerance limits can be set for each joint. Visual red and green signals in the display confirm the status of the joint. Display also works for anti-clockwise torque. 7500 data records can be stored, transferred via a USB interface and evaluated on the PC. Automatic compensation to achieve correct tightening torque even if a changed extension is entered.

Overload protection by means of acoustic and visual signs. The automatic keypad lock prevents inadvertent changes. Additional security for presets (function mode, trigger or preset value, unit of measurement, tolerance, save, deviating extension) using PIN code.

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 fluid and Skydrol. Included in the set are 2 AA NiMH rechargeable batteries, 1.2 V, 2300 mAh. It is also possible to use 1.5 V AA batteries.

Automatic notification of the next calibration date. Simple calibration and, if required, adjustment without disassembly using Torque Tester No 7707 W. Units of measurement: N m, ft.lb in.lb Guaranteed maximum accuracy deviation $\pm 2\%$. With certificate. (Inserts see page 62 of this catalogue)

730D Basic wrenches with tool carrier for insert tools



SW Code	Item Code	size	Setting/display resolution			mm	b	h	L	L _F	S _F	g	g			
			N m	ft.lb	in.lb									Nm	ft.lb	in.lb
96501710	708876	10	10 - 100	7.4 - 75	90 - 900	0.2/0.1	0.2/0.1	2/1.0	9x12	28	23	467	426.5	17.5	1085	1510
96501720	708877	20	20 - 200	15 - 150	180 - 1800	0.5/0.1	0.5/0.1	5/1.0	14x18	28	23	548	515	25	1361	1896
96501740	708878 [^]	40	40 - 400	30 - 300	360 - 3600	1.0/0.1	1.0/0.1	10/1.0	14x18	28	23	688	655	25	1765	5155
96501765	708879 [^]	65	65 - 650	48 - 480	580 - 5800	1.0/0.1	1.0/0.1	10/1.0	14x18	30.6	25.6	870	837	25	3300	6000

Refer inserts on page 49-50

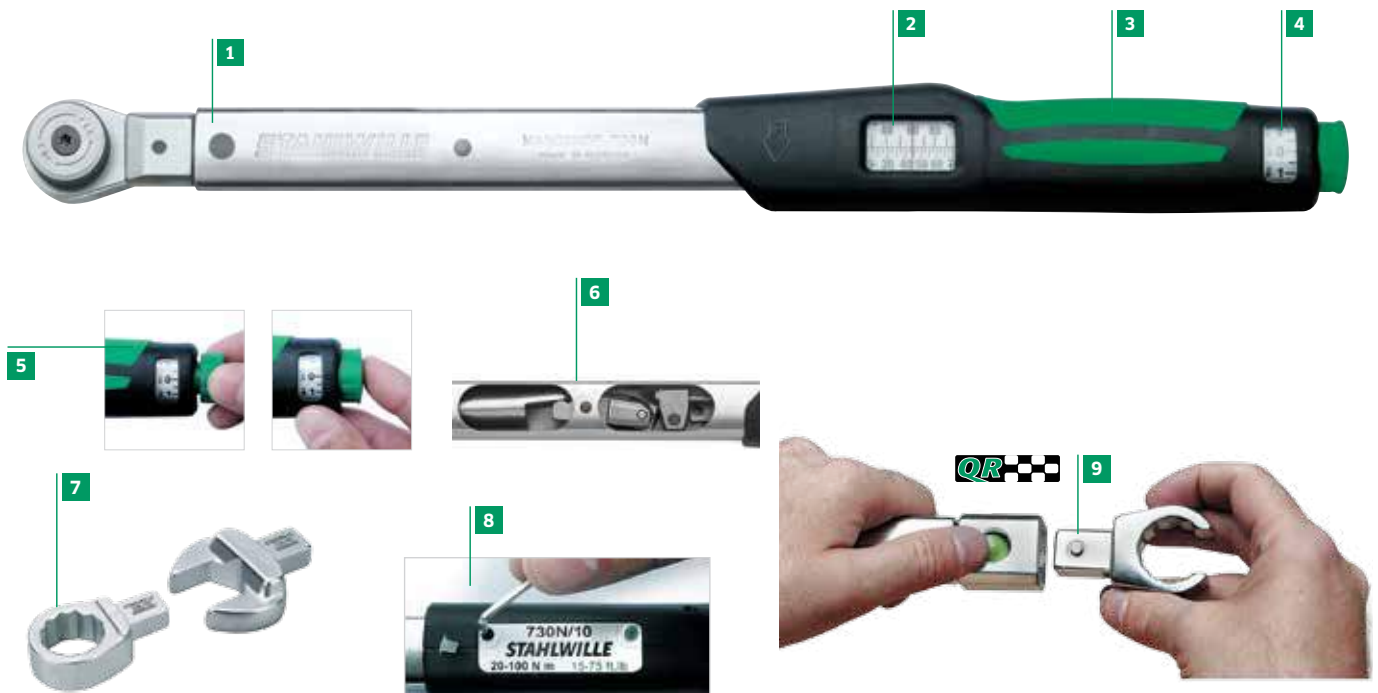


MANOSKOP® 730N

Mechanical torque wrench

Benefits at a glance:

- Accurate one-handed setting – quick & easy control using the knob at the end of the handle
- Audible setting positions
- Fail-safe setting mechanism in the knob
- Clearly readable twin scale (N m and ft.lb)
- Noticeable double signals when the preset torque is reached
- Square drives with
- QuickRelease safety locks – for 9x12, 14x18 and 22x28 mm
- Handle is resistant to oils, grease, fuels, brake fluids and Skydrol
- Deviation of indication $\pm 3\%$



1

Protected mechanism extremely resistant to mechanical wear, protected against dirt inside the outer housing

2

Easily readable double scale. The colour differentiation between the N m and ft.lb scales simplifies fine setting

3

Two-component handle made of extremely tough, impact resistant plastic with a kind-to-the-hands softer layer

4

Ring scale with fine settings for the black measuring range on the twin scale

5

QuickSelect rapid setting: Pull, set, lock. All using the one setting knob

6

No need for manual reset to zero thanks to the wear-free triggering cam system. The measuring element is only under load while force is being applied.

7

The square drive enables a broad range of tightening tools

8

Rapid adjustment from outside, no disassembly of the torque wrench

9

QuickRelease safety lock
Firm locking and rapid change of insert tools thanks to the QuickRelease safety lock

10

Integrated clockwise and anticlockwise operation simply by turning over the wrench and insert tool

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.

730N Basic wrenches with tool carrier for insert tools



SW Code	Item Code	Size					Fine scale		b	h	L	L _F	S _F	Δ
								mm	mm	mm	mm	mm	mm	g
50 18 10 02	708887	2	2 - 20 N m	20 - 180 in.lb	1 N m	10 in.lb	0.2 N m	9x12	28	23	275	226	17.5	737
50 18 10 05	708889	5	10 - 50 N m	7 - 37 ft.lb	5 N m	1 ft.lb	0.25 N m	9x12	28	23	330	280.5	17.5	831
50 18 10 10	708884	10	20 - 100 N m	15 - 75 ft.lb	10 N m	2.5 ft.lb	0.5 N m	9x12	28	23	386	336	17.5	988
50 18 10 12	708885	12	25 - 130 N m	20 - 95 ft.lb	10 N m	2.5 ft.lb	0.5 N m	14x18	28	23	421	379	25	1128
50 18 10 20	708886	20	40 - 200 N m	30 - 150 ft.lb	10 N m	5 ft.lb	1 N m	14x18	28	23	467	424.5	25	1264
50 18 10 40	708888	40	80 - 400 N m	60 - 300 ft.lb	20 N m	10 ft.lb	2 N m	14x18	28	23	607	564.5	25	1655
50 18 10 65	708890	65	130 - 650 N m	100 - 480 ft.lb	50 N m	20 ft.lb	2.5 N m	14x18	30.6	25.6	890	848	25	3231

Refer inserts on page 63-64

SW Code	Item Code	Size					Fine scale		b	h	L	L _F	S _F	Δ
								mm	mm	mm	mm	mm	mm	g
50 58 10 02	708892 [^]	a/2	20 - 180 in.lb	1.5 - 15 ft.lb	10 in.lb	0.5 ft.lb	2 in.lb	9 x 12	28	23	275	226	17.5	737
50 58 10 05	708895 [^]	a/5	90 - 450 in.lb	7 - 37 ft.lb	50 in.lb	1 ft.lb	2.5 in.lb	9 x 12	28	23	330	280.5	17.5	831
50 58 10 10	708891 [^]	a/10	180 - 900 in.lb	15 - 75 ft.lb	100 in.lb	2.5 ft.lb	5 in.lb	9 x 12	28	23	386	336	17.5	988
50 58 10 20	708893 [^]	a/20	350 - 1800 in.lb	30 - 150 ft.lb	100 in.lb	5 ft.lb	10 in.lb	14 x 18	28	23	467	424.5	25	1264
50 58 10 40	708894 [^]	a/40	60 - 300 ft.lb	800 - 3600 in.lb	20 ft.lb	100 in.lb	2 ft.lb	14 x 18	28	23	607	564.5	25	1655

Refer inserts on page 63-64

730NR Basic wrenches with permanently installed ratchets

in sturdy plastic case. Deviation of indication $\pm 4\%$.



SW Code	Item Code	Size					Fine scale		b ₁	b ₂	h ₁	h ₂	L	L _F	Δ	Δ g with box
								"	mm	mm	mm	mm	mm	mm	g	
96 50 21 05	708900 [^]	5QR FK*	10 - 50 N m	7 - 37 ft.lb	5 N m	1 ft.lb	0.25 N m	3/8	28	29	23	14.5	372.5	291	961	1386
96 50 21 10	708897 [^]	10QR FK*	20 - 100 N m	15 - 75 ft.lb	10 N m	2.5 ft.lb	0.5 N m	1/2	28	29	23	14.5	428.5	346.5	1129	1554
96 50 21 20	708898 [^]	20QR FK*	40 - 200 N m	30 - 150 ft.lb	10 N m	5 ft.lb	1 N m	1/2	28	41	23	18	526	438	1589	2014
96 50 21 40	708899 [^]	40 FK	80 - 400 N m	60 - 300 ft.lb	20 N m	10 ft.lb	2 N m	3/4	28	50	23	30.7	657	564.5	2122	2657

* Ratchet has quick-release safety lock

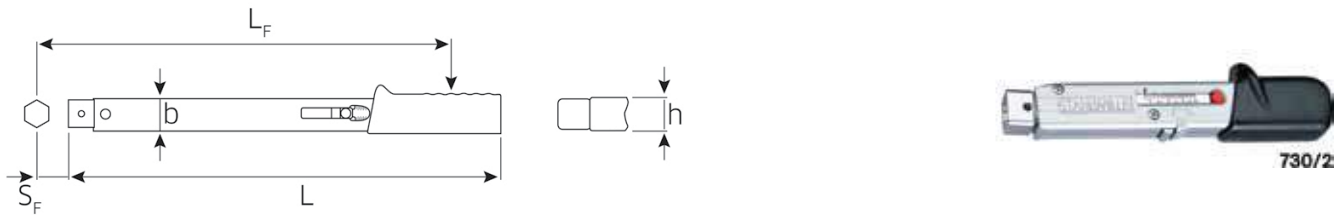
Service MANOSKOP® 730

Torque wrenches offering quick adjustment, with cut-out, with QuickRelease safety lock (size 5-65) dual signal (size 2-40), dual scale N m/ft.lb. resp. N m/inch.lb. (size 5-80), long term accuracy and facility to accept insert/shell 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/shell 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.

730 Basic wrenches with tool carrier for insert tools

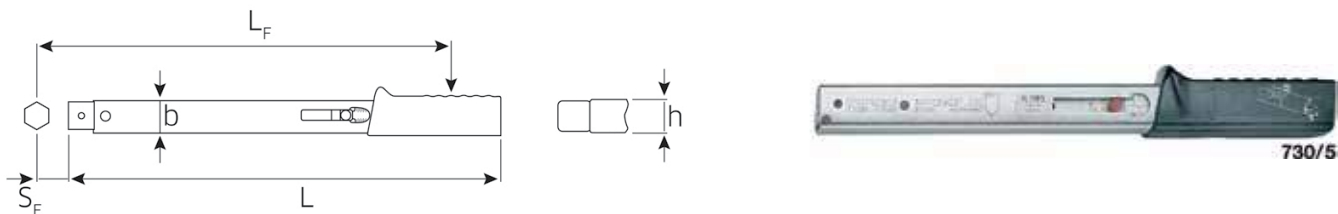


SW Code	Item Code	Size				b mm	h mm	L mm	L _F mm	S _F mm	
50 18 00 02	708862	2	4 - 20 N m	0.5 N m	9x12	27.5	23	178.5	174	17.5	315
50 18 00 04	708864 [^]	4	8 - 40 N m	1 N m	9x12	27.5	23	222	218	17.5	395

Refer inserts on page 63-64

SW Code	Item Code	Size				b mm	h mm	L mm	L _F mm	S _F mm	
50 58 00 02	708872 [^]	a/2	30 - 175 in.lb	5 in.lb	9x12	27.5	23	178.5	174	17.5	315
50 58 00 04	708874 [^]	a/4	70 - 350 in.lb	10 in.lb	9x12	27.5	23	222	218	17.5	395

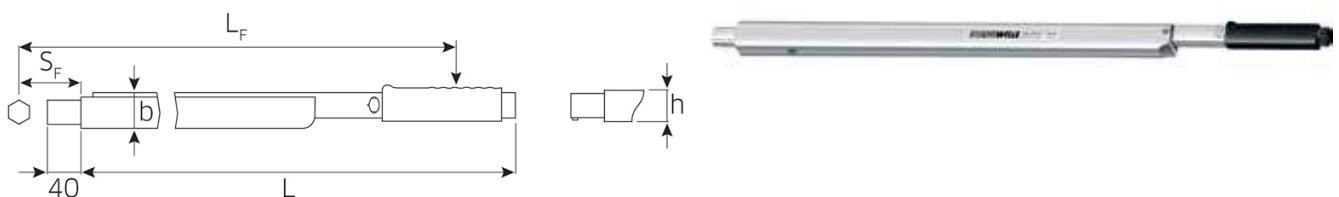
Refer inserts on page 63-64



SW Code	Item Code	Size					b mm	h mm	L mm	L _F mm	S _F mm		
50 18 00 05	708866	5	6 - 50 N m	5 - 36 ft.lb	2 N m	1 ft.lb	9x12	28	23	315	288	17.5	805
50 18 00 10	708860	10	20 - 100 N m	15 - 72.5 ft.lb	2.5 N m	2.5 ft.lb	9x12	28	23	370	343	17.5	965
50 18 00 12	708861 [^]	12	25 - 130 N m	20 - 95 ft.lb	2.5 N m	2.5 ft.lb	14 x 18	28	23	410	390	25	1100
50 18 00 20	708863	20	40 - 200 N m	30 - 145 ft.lb	5 N m	5 ft.lb	14 x 18	28	23	455	435	25	1250
50 18 00 40	708865	40	80 - 400 N m	60 - 300 ft.lb	10 N m	10 ft.lb	14 x 18	28	23	590	570	25	1880
50 18 00 65	708867	65	130 - 650 N m	100 - 480 ft.lb	20 N m	20 ft.lb	14 x 18	30.6	25.6	875	855	25	3280

Refer inserts on page 63-64

730 Basic wrench with tool carrier for shell tools, registered design



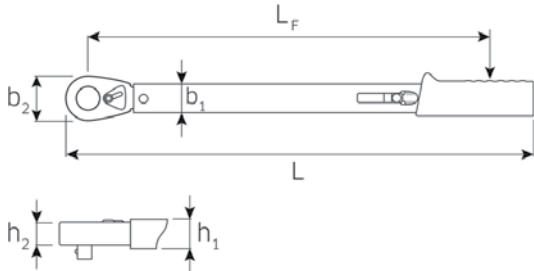
SW Code	Item Code	Size					b mm	h mm	L mm	L _F mm	S _F mm		
50 18 00 80	708868 [^]	80	160 - 800 N m	120 - 600 ft.lb	20 N m	20 ft.lb	24.5x28	46	43	970	990	95	5377

Use shell adaptor No-7370/80 to make 14 x 18-mm insert tools fit.

Standard MANOSKOP® 721

Torque wrenches with dual "Stop" signal and cut-out, rapid adjustment, dual scale N m/ft.lb and long service life. Robust steel tube protects all working parts, even if misused, i.e. attempting to free seized metal fasteners, the measuring element remains stress free. Recalibration, without dismantling, with the aid of checking gauges No-798, No-799 or No-7707 W. Guaranteed accuracy $\pm 4\%$. With certificate.

721 Torque wrenches with reversible ratchet



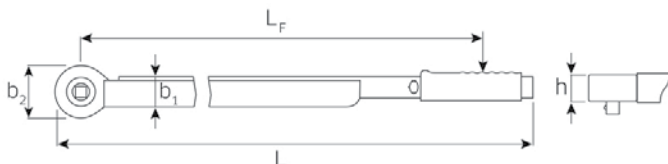
SW Code	Item Code	Size					■	b ₁ mm	b ₂ mm	h ₁ mm	h ₂ mm	L mm	L _F mm	\triangle g
50 20 00 05	708842 [^]	5	6 - 50 N m	5 - 36 ft.lb	2 N m	1 ft.lb	$\frac{3}{8}$	28	27.5	23	14.5	352	293	900
50 20 00 15	708839 [^]	15	30 - 150 N m	25 - 110 ft.lb	5 N m	5 ft.lb	$\frac{1}{2}$	28	41	23	18	452	387	1395
50 20 00 30	708841 [^]	30	60 - 300 N m	50 - 220 ft.lb	10 N m	10 ft.lb	$\frac{1}{2}$	28	44	23	27.5	553	486	1720

size 30 with push through square drive

Standard MANOSKOP® 721Nf

Torque wrenches with dual "STOP" signal and cut-out, micrometer type adjustment, dual scale N m/ft.lb and long service life. Robust steel tube and light alloy "U"-profile protect all working parts. Push through square drive for right and left hand tightening. Recalibration without dismantling. Guaranteed accuracy $\pm 4\%$. With certificate.

721Nf Torque wrenches with ratchet



SW Code	Item Code	Size					■	b ₁ mm	b ₂ mm	h mm	L mm	L _F mm	\triangle g
50 20 00 81	708850 [^]	80	160 - 800 N m	120 - 600 ft.lb	20 N m	20 ft.lb	$\frac{3}{4}$	46.5	76	42	1051	938	7222
96 50 20 01	708848 [^]	100	200 - 1000 N m	150 - 725 ft.lb	25 N m	25 ft.lb	$\frac{3}{4}$	46.5	76	42	1504	1365	7005



Sensotork® 713R

Electronic torque wrench/angle-controlled wrench

Benefits at a glance:

- Angle-controlled measurements without a reference arm
- Broad measuring range (5% – 100% of rated value)
- Extremely wide range of angle measurement
- Units of measurement N m / ft.lb / in.lb
- Clockwise and anticlockwise use
- For use with all insert tools 9x12 and 14x18 mm
- QuickSelect rapid recall of predefined sets of operating parameters
- Defined sequence – a number of repeated joints can be grouped as a defined sequence
- Readings can either be directly stored, transmitted to the PC or simply displayed
- Password protection tamper proof use
- Freely selectable names for each series of test
- Various languages available
- Works-specific identifier
- Programmable via PC
- Resistant to oils, grease, fuels, brake fluids and Skydrol
- Wide range of application: -20°C to +60°C
- Meets requirements of DKD-R 3-7, Class 2
- Deviation of indication $\pm 1\%$



- | | |
|--|--|
| <p>1 Warning signals: acoustic (buzzer), tactile (vibration in the handle), visual (LEDs and display). The point at which the warning signal is triggered can be freely set</p> | <p>4 Easy extension setting
Where the insert tool requires an extension adjustment, simply enter the new value. Recalculation using complicated formulae is no longer necessary</p> |
| <p>2 Amazingly simple handling
All functions are selected using the arrow keys. The visual guidance system makes operation a simple matter</p> | <p>5 Data output USB interface</p> |
| <p>3 Measurements independent of the point of application of force (sizes 6 and 20)</p> | <p>6 QuickRelease
Firm locking and rapid change of any insert tools</p> |

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 $\pm 1\%$ 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 (size 40 in sturdy steel case).



SW Code	Item Code	Size			"		b	h	L	$\Delta\theta$	$\Delta\theta$ g
						mm	mm	mm	mm	g	with box
96 50 16 06	708823 [^]	6	3 - 60 N m	2.5 - 44 ft.lb	3/8	9x12	50	33.5	378	856	1500
96 50 16 20	708821 [^]	20	10 - 200 N m	7 - 148 ft.lb	1/2	14 x 18	50	33.5	608	1552	2430
96 50 16 40	708822 [^]	40	20 - 400 N m	15 - 296 ft.lb	3/4	14 x 18	50	33.5	838	2332	5555

Insert/shell tools for torque wrenches

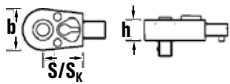
725QR

QuickRelease ratchet insert tool



reversible, with QuickRelease safety lock.

size 4: 22 teeth, sizes 5 and 10: 30 teeth, size 20: 36 teeth



SW Code	Item Code	Size	"		b	h	S	S _k	$\Delta\theta$
				mm	mm	mm	mm	mm	g
58 25 30 04	708858	4	1/4	9x12	22	14.5	17.5	40	60
58 25 30 05	708859 [^]	5	3/8	9x12	29	14.5	28*	100	130
58 25 30 10	708851 [^]	10	1/2	9x12	29	14.5	28*	100	141
58 25 30 20	708852	20	1/2	14 x 18	41	18	38.5*	200	325

Maximum continuous loads of ratchet insert tools are limited to:

725QR/4 - 40 N m, 725QR/5 and 725QR/10 - 100 N m,

725QR/20 - 250 N m.

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

* Caution! Modified settings on torque wrench

735

Ratchet insert tools

reversible, 60 teeth



SW Code	Item Code	Size	"		b	h	S	M	$\Delta\theta$
				mm	mm	mm	mm	N m	g
58 25 00 05	709086	5	3/8	9x12	33	24	17.5	100	155
58 25 00 10	709082	10	1/2	9x12	33	24	17.5	100	147
58 25 00 20	709083	20	1/2	14 x 18	43	26	25	300	302
58 25 00 40	709084	40	3/4	14 x 18	50	32	25	400	510
58 25 00 65	800298	40HD	3/4	14 x 18	58	36	30*	650	737

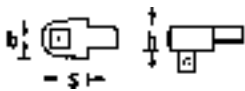
Maximum continuous loads of ratchet insert tools are limited to:

735/5 and 735/10 - 100 N m, 735/20 - 300 N m, 735/40 - 400 N m.

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



734 Square drive insert tools

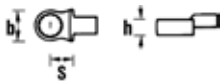


SW Code	Item Code	Size	mm	b mm	h mm	S mm	M Nm	g
58 24 00 04	709075 [^]	4 1/4	9x12	20	14	17.5	40	71
58 24 00 05	709077 [^]	5 3/8	9x12	20	14	17.5	80	76
58 24 00 10	709073 [^]	10 1/2	9x12	20	14	17.5	100	82
58 24 00 20	709074	20	14 x 18	27	18	25	300	203
58 24 00 40	709076	40	14 x 18	40	25	25	650	396

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.

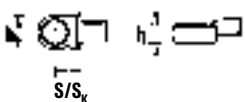
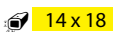
Limits must not be exceeded when these insert tools are used with torque wrenches of larger capacity.

732/10 Ring insert tools



SW Code	Item Code	mm	mm	b mm	h mm	S mm	g
58 22 10 07	708981 [^]	7	9x12	13	8	17.5	37
58 22 10 08	708982 [^]	8	9x12	14.2	8	17.5	40
58 22 10 10	708969 [^]	10	9x12	17.2	9	17.5	44
58 22 10 11	708970 [^]	11	9x12	18.5	9	17.5	41
58 22 10 12	708971 [^]	12	9x12	20.5	11	17.5	49
58 22 10 13	708972 [^]	13	9x12	21.5	11	17.5	55
58 22 10 14	708973 [^]	14	9x12	22.5	11	17.5	52
58 22 10 15	708974 [^]	15	9x12	24.5	12	17.5	52
58 22 10 16	708975 [^]	16	9x12	26	12	17.5	54
58 22 10 17	708976 [^]	17	9x12	27	13	17.5	59
58 22 10 18	708977 [^]	18	9x12	28	13	17.5	56
58 22 10 19	708978 [^]	19	9x12	30.5	13	17.5	65
58 22 10 21	708979 [^]	21	9x12	33	15	17.5	71
58 22 10 22	708980 [^]	22	9x12	34.5	15	17.5	74

732/40 Ring insert tools



SW Code	Item Code	mm	mm	b mm	h mm	S mm	g
58 22 40 13	708983 [^]	13	14 x 18	22.5	11	25	130
58 22 40 14	708984 [^]	14	14 x 18	23	11	25	123
58 22 40 15	708985 [^]	15	14 x 18	24	11	25	128
58 22 40 16	708986 [^]	16	14 x 18	25.5	12	25	133
58 22 40 17	708987	17	14 x 18	27	12	25	135
58 22 40 18	708988 [^]	18	14 x 18	29	13	25	134
58 22 40 19	708989	19	14 x 18	30.5	13	25	138
58 22 40 21	708990 [^]	21	14 x 18	33	15	25	144
58 22 40 22	708991	22	14 x 18	34.5	15	25	145
58 22 40 24	708992	24	14 x 18	37.5	15	25	153
58 22 40 27	708993 [^]	27	14 x 18	42.5	17	25	162
58 22 40 28	708994 [^]	28	14 x 18	45.5	19	25	175
58 22 40 30	708995	30	14 x 18	46	19	25	182
58 22 40 32	708996	32	14 x 18	47.5	19	25	181
58 22 40 34	708997 [^]	34	14 x 18	52	19	28*	210
58 22 40 36	708998	36	14 x 18	54	19	28*	203
58 22 40 41	708999	41	14 x 18	60	20	30*	240

* Caution! Modified settings on torque wrench

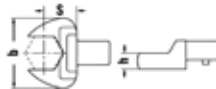
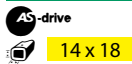
731/10 Open ended insert tools



SW Code	Item Code	mm	mm	b mm	h mm	S mm	g
58 21 10 07	708917 [^]	7	9x12	22	5	17.5	40
58 21 10 08	708918 [^]	8	9x12	22	5	17.5	39
58 21 10 09	708919 [^]	9	9x12	26	5.5	17.5	38
58 21 10 10	708907 [^]	10	9x12	26	5.5	17.5	42
58 21 10 11	708908 [^]	11	9x12	26	5.5	17.5	41
58 21 10 12	708909 [^]	12 ¹⁾	9x12	30	7	17.5	43
58 21 10 13	708910 [^]	13	9x12	30	7	17.5	48
58 21 10 14	708911 [^]	14	9x12	35	8	17.5	52
58 21 10 15	708912 [^]	15	9x12	35	8	17.5	51
58 21 10 16	708913 [^]	16	9x12	38	8.5	17.5	58
58 21 10 17	708914 [^]	17	9x12	38	8.5	17.5	60
58 21 10 18	708915 [^]	18	9x12	42	9	20*	71
58 21 10 19	708916 [^]	19	9x12	42	9	20*	74

¹⁾ For flare nuts of hydraulic pipes on French vehicles

731/40 Open ended insert tools

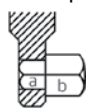


SW Code	Item Code	mm	mm	b mm	h mm	S mm	g
58 21 40 13	708920 [^]	13	14 x 18	30	7	25	128
58 21 40 14	708921 [^]	14	14 x 18	35	8	25	129
58 21 40 15	708922 [^]	15	14 x 18	35	8	25	132
58 21 40 16	708923 [^]	16	14 x 18	38	9	25	140
58 21 40 17	708924 [^]	17	14 x 18	38	9	25	136
58 21 40 18	708925 [^]	18	14 x 18	42	10	25	147
58 21 40 19	708926 [^]	19	14 x 18	42	10	25	145
58 21 40 21	708927 [^]	21	14 x 18	50	11	25	171
58 21 40 22	708928 [^]	22	14 x 18	50	11	25	165
58 21 40 24	708929 [^]	24	14 x 18	53	12	25	167
58 21 40 25	708930 [^]	25	14 x 18	53	12	25	170
58 21 40 27	708931 [^]	27	14 x 18	60	13	30*	219
58 21 40 30	708932	30	14 x 18	66	14	30*	245
58 21 40 32	708933	32	14 x 18	66	14	32.5*	246
58 21 40 34	708934 [^]	34	14 x 18	66	14	32.5*	239
58 21 40 36	708935	36	14 x 18	74	15	32.5*	275
58 21 40 38	708936 [^]	38	14 x 18	74	15	32.5*	265
58 21 40 41	708937 [^]	41	14 x 18	82	15	36.5*	307

* Caution! Modified settings on torque wrench

70V Square drive units

for torque wrenches and insert tools.

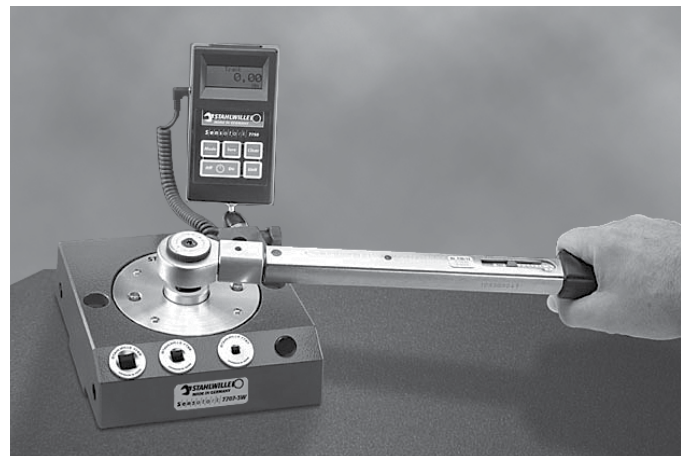


SW Code	Item Code	Size	For No.	a "	b "	L mm	g
59 01 00 11	707905 [^]	502 1/2	720/30; 734/20	1/2	1/2	33.5	39 5

Sensotork® 7707 W Workshop testers

Benefits at a glance:

- Transducers can be individually recalibrated, your torque tester stays on site
- Compact, can be used as a mobile laboratory (power supply is via the usb connection)
- The readings can be evaluated and digitalised inside the transducer (no external interference from a data cable)
- Effect of lateral forces considerably reduced thanks to low-profile construction
- Many operating modes
- Automatic transducer detection
- Wide range of application (-20°C to 60°C).
- Acoustic overload warning
- Clockwise and anticlock-wise use
- Broad measuring range (0.9 %-100 % Of rated value)
- Display deviation value up to ± 0.25 % Of reading
- Meets din 51309, class 2, with works calibration certificate
- Traceable to national standards
- Solid aluminium mounting block incl. Attachment for horizontal and vertical testing



- 1** Displays and controls: This highly user-friendly unit can display both the preset torque value and the actual torque applied at the same time. The unit can be positioned the way it suits you best – especially convenient where the measuring axis is horizontal or if you are using the tripod supplied, which includes the cable (1.5 m).
- 2** Quick Release
Rapid change and firm locking of the transducers thanks to the QuickRelease safety lock.
- 3** Interchangeable square drive adapters:
A set of interchangeable square drive adapters are conveniently stored in the mounting block for a range of different drive sizes.

- 4** Intelligent transducers:
The readings are fully evaluated and digitalised inside the transducer using special, integrated circuitry. As an alternative to the display unit, you can use a PC and connect the unit via a USB cable, which also allows you to perform and organise measurements and generate a calibration certificate directly.
- 5** Interchangeable transducers:
The measuring range of the torque tester can be extended flexibly simply by changing the transducer for one with a different range.

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

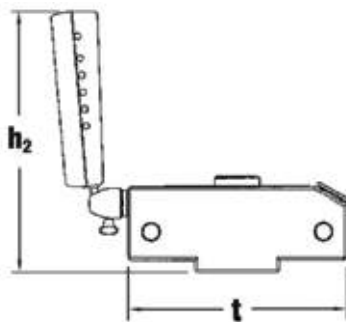
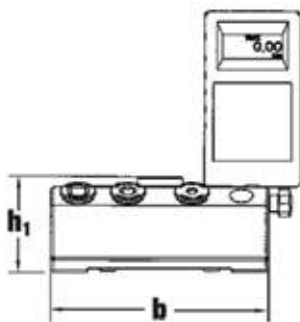
Electronic workshop torque tester for torque wrenches, consisting of:

- 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°C). Meets DIN 51309, Class 2. With works certificate in accordance with DIN EN 10204. Supplied in sturdy plastic case.



SW Code	Item Code	Size	Capacity N m	Capacity ft.lb	Capacity in.lb	Ø "	b mm	h ₁ mm	h ₂ mm	t mm	Δ g	Δ g with box
96 52 10 80	709166 [^]	7707-1W	0.4 – 20	0.3 - 15	3.5 - 177	1/4	180	79	215	180	6255	9500
96 52 10 72	709169 [^]	7707-2W ¹⁾	2 – 100	1.5 - 74	18 - 885	3/8	180	79	215	180	7025	10300
96 52 10 83	709167 [^]	7707-2-1W ²⁾	4 – 200	3 - 148	35 - 1770	1/2	180	79	215	180	7511	10975
96 52 10 84	709168 [^]	7707-2-2W ³⁾	8 – 400	6 - 295	71 - 3540	3/4	180	79	215	180	7654	11100
96 52 10 82	709170 [^]	7707-3W ³⁾	25 – 1100	18 - 812	221 - 9736	3/4	180	79	215	180	7495	11000

¹⁾ with square drive adaptor No-409M (1/4" ○ x 3/8" ■)

²⁾ with square drive adaptors No-7789-4 (1/4" ○ x 1/2" ■), No-7789-5 (3/8" ○ x 1/2" ■)

³⁾ 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" ■)

Accessories for workshop torque tester

7721-7723 Transducers

registered design, high degree of accuracy thanks to conversion and digitalisation of readings within the transducer itself. Not susceptible to lateral forces due to low-profile construction.

Within the range of 20-100 % of rated value $\pm 0.25\%$ display deviation value from actual torque reading, up to 20 % of rated value, $\pm 1\%$.

Can also be used as part of a calibration system.



SW Code	Item Code	No.	Capacity N m	O " "	$\Delta\Delta$ g
52 10 00 26	709172 [^]	7721-1	0.4 – 20	1/4	1735
52 10 00 22	709173 [^]	7722	2 – 100	3/8	2486
52 10 10 23	709174 [^]	7723-1	4 – 200	1/2	2983
52 10 20 23	709175 [^]	7723-2	8 – 400	3/4	3134
52 10 00 28	709176 [^]	7723-3	25 – 1100	3/4	2998
52 10 00 29	709177 [^]	7724-1	150 – 3000	1 1/2	10500

7751 Jack cable

Connection between transducer and USB adaptor or display unit.



SW Code	Item Code	L m	$\Delta\Delta$ g
52 11 00 51	900013 [^]	1.5	50

409M Square drive adaptor

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



SW Code	Item Code	L mm	\emptyset N m	$\Delta\Delta$ g
11 03 00 10	706935 [^]	13	25	14

7787 Square drive adaptor

1/4" socket x 3/4" plug (6.3 x 20-mm).



SW Code	Item Code	L mm	\emptyset mm	$\Delta\Delta$ g
58 52 10 87	709199 [^]	15.5	29	41



Made in Germany





Great freedom of choice – DRALL⁺ screwdrivers



A new challenge every day, a new tool every day to meet that challenge. The DRALL⁺ series was developed for professionals faced with new challenges on a daily basis. Development focussed on three crucial user requirements: durability and reliability, safety in use, pleasant to handle. These requirements are met in full by DRALL⁺ screwdrivers – in fact, they feel so natural, you will hardly notice them.

The profiles

DRALL⁺ is available for the following screwhead profiles:

- ⊖ Slotted
- ⊕ PH cross-head
- ⊕ PZ cross-head
- ⊙ TORX®
- ⊙ TORX® Tamper Resistant with a central bore
- ⊙ Hex with a ball-end
- ⊕ TORQ-SET®



4 handle sizes
The handle sizes for the DRALL⁺ screwdrivers are designed specifically to match the drive profiles.



- 1** The hand-stop helps stop injuries – Flange-like design. Supports your hand in the direction of the blade to prevent it slipping off the handle. Features integrated anti-roll shape.
- 2** The multifunctional section – The lower end of the handle is deliberately made extra-long. This enables the thumb and index finger to wrap around more easily and spin the screwdriver.
- 3** The transmission zone – The rounded cross-section in the central area combines maximum grip and easy turning.
- 4** The elastic handle components – The soft rubber textured thermoplastic elastomer (TPE) fits snugly in the hand. These sections are injection moulded around the hard core and bonded to it inseparably.
- 5** The firm handle components – The green zones are made of high-grade, impact-safe polypropylene (PP). The tang is anchored in the core to allow force to be transferred through it.
- 6** Impact-resistant cap – For use under extreme conditions, the DRALL⁺ is also available with a one-piece shaft, an impact head and a metal impact cap.



VDE insulated screwdrivers: High-grade materials and durability testing guarantee absolute safety when working on AC systems up to 1000 V (effective voltage) or 1500 V DC.

The power is where you put it with the 3K DRALL® screwdriver series



The efficiency with which you use a screwdriver in your daily work, and the safety with which you work, depend to a large extent on the quality of the tool. It is not just the use of high-grade materials but also the shape that matters – in particular the shape of the handles – if you want to stay in control. STAHLWILLE's 3K DRALL® screwdrivers unite these positive qualities in a manner which is close to perfect. The result is a longlife, ergonomically designed tool providing easy working combined with maximum force transmission – even with greasy hands.

3K DRALL® screwdrivers are available in sets conveniently positioned in plastic inlays or TCS safety inlays, designed for use with STAHLWILLE Tool Trolleys and Tool Boxes.



- 1** 3K DRALL® handles are made up of 3 components:
1st component – Extremely resistant, impact-safe core made of black polypropylene (PP).
- 2** 2nd component – Soft, heat-bonded inlay made of easy-to-grip thermoplastic elastomer (TPE).
- 3** 3rd component – Two large surfaces coated with special fibres, resistant long-term to solvents to improve force transmission and work safety.
- 4** Additional Tommy-bar hole – When things get really tough, the additional Tommy-bar hole will cope with a fair amount of torque.



Blades – Made of high-grade Chrome Alloy Steel. Through-hardened. Anchored firmly in the shaft due to the extra-wide, forged tang. High resistance to bending.



Tips – Black, extremely tough, retain their shape. Whether you use the straight-bladed or Phillips type – the crosshatched blade tips will accurately transmit maximum force to the screw head.

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



SW Code	Item Code	⚖️ g	📦
96489110	707757	530	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



SW Code	Item Code	⚖️ g	📦
96489210	707758	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 (with hollow point)



SW Code	Item Code	⚖️ g	📦
96489910	707759	513	1

TCS 4820/4830 3K DRALL® set of screwdrivers



Set of seven 3K DRALL® screwdrivers, in TCS inlay

Content:

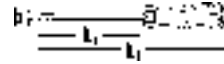
- ⊖ 4820: 0.6 x 3.5 x 75-mm
0.8 x 4 x 100-mm
1 x 5.5 x 125-mm
1.2 x 6.5 x 150-mm
- ⊕ 4830: size 1; size 2; size 3



SW Code	Item Code	⚖️ g	📦
96838184	707735	555	1

4820 3K DRALL workshop screwdrivers

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



SW Code	Item Code	a mm	b mm	L ₁ mm	L ₂ mm	⚖️ g	📦
48201035	707727	0.6	3.5	75	170	23	10
48201040	707728	0.8	4	100	195	32	10
48202055	707729	1	5.5	125	220	58	10
48201065	707730	1.2	6.5	150	265	100	10
48201080	707731	1.6	8	175	290	118	10
48201100	707732	1.6	10	200	315	158	5
48202100	707733	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.



SW Code	Item Code	PH size	L ₁ mm	L ₂ mm	⚖️ g	📦
48301000	707736 [^]	0	60	155	28	10
48301001	707737	1	80	175	33	10
48301002	707738	2	100	215	70	10
48301003	707739	3	150	275	126	5
48301004	707740	4	200	325	251	5

4840 3K DRALL cross-head screwdrivers

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



SW Code	Item Code	PZ size	L ₁ mm	L ₂ mm	⚖️ g	📦
48401001	707742 [^]	1	80	175	33	10
48401002	707743	2	100	215	70	10

4856 3K DRALL TORX® screwdrivers

with hollow point (TORX® TAMPER RESISTANT), Chrome Alloy Steel, matt chrome plated, black tips.



SW Code	Item Code	size	mm	L ₁ mm	L ₂ mm	⚖️ g	📦
48560006	707753 [^]	T6*	1.6	50	145	45	5
48560007	707754 [^]	T7	2.0	50	145	37	5
48560008	707755 [^]	T8	2.3	60	155	50	5
48560009	707756 [^]	T9	2.5	60	155	50	5
48560010	707745 [^]	T10	2.7	80	175	26	5
48560015	707746 [^]	T15	3.3	80	175	52	5
48560020	707747 [^]	T20	3.8	100	215	32	5
48560025	707748 [^]	T25	4.4	100	215	55	5
48560027	707749 [^]	T27	5.0	115	230	58	5
48560030	707750 [^]	T30	5.5	115	230	63	5
48560040	707751 [^]	T40	6.6	115	240	86	5

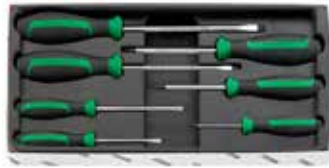
* without hollow point

4691/7 DRALL⁺ set of Screwdrivers

Set of seven DRALL⁺ screwdrivers.

Content:

- ⊖ 4620: size 1 (0.6 x 3.5 x 75mm)
- size 2 (0.8 x 4.0 x 100mm)
- size 3 (1.0 x 5.5 x 125mm)
- size 4 (1.2 x 6.5 x 150mm)
- ⊖ 4628: size 1 (0.4 x 2.5 x 60mm)
- ⊕ 4630: size 1; size 2



SW Code	Item Code	⚖️ g	📦
96 46 91 15	805173	610	1

4692/8 DRALL⁺ set of Screwdrivers

Set of eight DRALL⁺ screwdrivers.

Content:

- ⊖ 4620: size 1 (0.6 x 3.5 x 75mm)
- size 2 (0.8 x 4.0 x 100mm)
- size 3 (1.0 x 5.5 x 125mm)
- size 4 (1.2 x 6.5 x 150mm)
- size 5 (1.6 x 8.0 x 175mm)
- ⊕ 4630: size 1; size 2; size 3



SW Code	Item Code	⚖️ g	📦
96 46 92 15	805172	870	1

4693 DRALL⁺ set of Hex Screwdrivers

Set of nine DRALL⁺ screwdrivers.

Content:

- ⊖ 4622: size 1 (1.0 x 5.5 x 100mm)
- size 2 (1.2 x 6.5 x 125mm)
- size 3 (1.2 x 8.0 x 150mm)
- size 4 (1.6 x 10.0 x 175mm)
- ⊖ 4628: size 1 (0.4 x 2.5 x 60mm)
- ⊕ 4632: size 1; size 2
- ⊖ 4724: size 2 (1.0 x 5.5 x 25mm)
- ⊕ 4734: size 2



SW Code	Item Code	⚖️ g	📦
96 46 93 10	707575	950	1

4694 DRALL⁺ set of TORX[®] screwdrivers

Set of nine DRALL⁺ screwdrivers for TORX[®] screws.

Content:

- ⊕ 4650: T8, T9, T10, T15, T20, T25, T27, T30, T40



SW Code	Item Code	⚖️ g	📦
96 46 94 10	707576 [^]	730	1

4697 DRALL⁺ set of screwdrivers

Set of eight DRALL⁺ screwdrivers

Content:

- ⊖ 4620: size 1 (0.6 x 3.5 x 75mm)
- size 2 (0.8 x 4.0 x 100mm)
- ⊖ 4622: size 1 (1.0 x 5.5 x 100mm)
- size 2 (1.2 x 6.5 x 125mm)
- size 3 (1.2 x 8.0 x 150mm)
- ⊕ 4730: size 1
- ⊕ 4732: size 2, size 3



SW Code	Item Code	⚖️ g	📦
96 46 97 10	707579	930	1

4699 DRALL⁺ set of TORX[®] Screwdrivers

Set of nine DRALL⁺ screwdrivers for TORX[®] screws (TORX[®] TAMPER RESISTANT).

Content:

- ⊕ 4656: T8, T9, T10, T15, T20, T27, T30, T40 (with hollow point)



SW Code	Item Code	⚖️ g	📦
96 46 99 10	707580 [^]	740	1

4620 Workshop screwdrivers DRALL⁺

DIN ISO 2380 -1, -2, DIN 5264, ISO 2380-1, -2, Chrome Alloy Steel, chrome plated, black tips.



SWCode	Item Code	Size	a mm	b mm	L ₁ mm	L ₂ mm	⚖️ g	📦
46 20 10 35	707471	1	0.6	3.5	75	160	37	10
46 20 10 40	707472	2	0.8	4	100	185	40	10
46 20 10 55	707473	3	1	5.5	125	240	79	10
46 20 10 65	707474 [^]	4	1.2	6.5	150	265	100	10
46 20 10 80	707476 [^]	5	1.6	8	175	300	136	10
46 20 11 00	707475	6	1.6	10	200	325	163	5
46 20 11 20	707477 [^]	7	2	12	250	375	215	5

4622 Workshop screwdrivers DRALL⁺

DIN ISO 2380-1, -2, DIN 5264, ISO 2380-1, -2, with hexagon, Chrome Alloy Steel, chrome plated, black tips.



SW Code	Item Code	Size	a mm	b mm	L ₁ mm	L ₂ mm	⚖️ g	📦
46 22 10 55	707489 [^]	1	1	5.5	100	215	85	10
46 22 10 65	707490 [^]	2	1.2	6.5	125	240	100	10
46 22 10 80	707491 [^]	3	1.2	8	150	275	159	10
46 22 11 00	707492 [^]	4	1.6	10	175	300	174	10
46 22 11 20	707493 [^]	5	2	12	200	325	310	5
46 22 11 40	707494 [^]	6	2.5	14	250	375	331	5

4724 Carburettor screwdrivers DRALL⁺

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



SW Code	Item Code	Size	a mm	b mm	L ₁ mm	L ₂ mm	⚖️ g	📦
47 24 10 45	707622 [^]	1	0.6	3.5	25	80	34	10
47 24 10 60	707623	2	1	5.5	25	80	32	10
47 24 10 80	707624 [^]	3	1.2	8	25	80	39	10

4628 Electricians screwdrivers DRALL⁺

DIN ISO 2380-1, -2, DIN 5264, ISO 2380-1, -2, Chrome Alloy Steel, chrome plated, black tips.



SW Code	Item Code	Size	a mm	b mm	L ₁ mm	L ₂ mm	g	
46 28 10 25	707496	1	0.4	2.5	60	145	38	10
46 28 10 35	707498 [^]	2	0.6	3.5	75	160	40	10
46 28 20 35	707497 [^]	3	0.6	3.5	100	185	41	10
46 28 10 40	707499 [^]	4	0.8	4.0	125	210	46	10
46 28 10 55	707500 [^]	5	1	5.5	150	265	92	10
46 28 20 55	707501 [^]	6	1	5.5	200	315	102	10

4630 Cross-head screwdrivers DRALL⁺

Phillips-Recess[®], DIN ISO 8764-1, -2, ISO 8764-1, -2, Chrome Alloy Steel, chrome plated, black tips.



SW Code	Item Code	PH Size	L ₁ mm	L ₂ mm	g	
46 30 10 00	707502 [^]	0	60	145	35	10
46 30 10 01	707503	1	80	185	44	10
46 30 10 02	707504	2	100	215	90	10
46 30 10 03	707505	3	150	275	146	10

4631 Cross-head screwdrivers DRALL⁺

Phillips-Recess[®], extra long, DIN ISO 8764-1, -2, ISO 8764-1, -2, Chrome Alloy Steel, chrome plated, black tips.



SW Code	Item Code	PH Size	L ₁ mm	L ₂ mm	g	
46 31 10 01	707506	1	250	355	110	1
46 31 10 02	707507	2	250	365	122	1

4632 Cross-head screwdrivers DRALL⁺

with hexagon, Phillips-Recess[®], DIN ISO 8764-1, -2, ISO 8764-1, -2, Chrome Alloy Steel, chrome plated, black tips.



SW Code	Item Code	PH Size	L ₁ mm	L ₂ mm	g	
46 32 10 01	707508	1	80	185	45	10
46 32 10 02	707509	2	100	215	100	10
46 32 10 03	707510	3	150	275	170	5
46 32 10 04	707511	4	200	325	237	5

4734 Cross-head screwdrivers DRALL

Phillips-Recess[®], DIN ISO 8764-1, -2, ISO 8764-1, -2, stubby, Chrome Alloy Steel, chrome plated, black tips.



SW Code	Item Code	PH Size	L ₁ mm	L ₂ mm	g	
47 34 10 01	707636 [^]	1	25	80	27	10
47 34 10 02	707637	2	25	80	31	10

4640 Cross-head screwdrivers DRALL⁺

POZIDRIV/SUPADRIV[®], DIN ISO 8764-1, -2, ISO 8764-1, -2, Chrome Alloy Steel, chrome plated, black tips.



SW Code	Item Code	PZ Size	L ₁ mm	L ₂ mm	g	
46 40 10 00	707518 [^]	0	60	145	35	10
46 40 10 01	707519 [^]	1	80	185	44	10
46 40 10 02	707520 [^]	2	100	215	89	10
46 40 10 03	707521 [^]	3	150	275	145	5

4650 TORX[®] screwdrivers DRALL⁺

for inside TORX[®] screws, Chrome Alloy Steel, chrome plated, black tips.



SW Code	Item Code	Size	mm	L ₁ mm	L ₂ mm	g	
46 50 10 06	707523 [^]	T6	1.6	60	145	35	5
46 50 10 07	707524 [^]	T7	2.0	60	145	35	5
46 50 10 08	707525	T8	2.3	60	145	35	5
46 50 10 09	707526 [^]	T9	2.5	60	145	35	5
46 50 10 10	707527	T10	2.7	80	165	40	5
46 50 10 15	707528	T15	3.3	80	165	38	5
46 50 10 20	707522	T20	3.8	100	205	46	5
46 50 10 25	707529	T25	4.4	100	205	50	5
46 50 10 27	707530	T27	5.0	115	230	90	5
46 50 10 30	707531	T30	5.5	115	230	90	5
46 50 10 40	707532	T40	6.6	115	240	131	5
46 50 10 45	707533 [^]	T45	7.8	130	255	136	5

4650L TORX[®] screwdrivers DRALL⁺

for inside TORX[®] screws, extra long, Chrome Alloy Steel, chrome plated, black tips.



SW Code	Item Code	Size	mm	L ₁ mm	L ₂ mm	g	
46 50 11 15	707534	T15	3.3	250	355	52	5
46 50 11 20	707535	T20	3.8	250	355	64	5
46 50 11 25	707536	T25	4.4	250	355	66	5
46 50 11 30	707537	T30	5.5	250	365	122	5

Electronics Screwdrivers

4797 Electronics screwdrivers set

7 pieces
Content:

- 4751: size 4 (0.3 x 1.5 x 40-mm)
- size 6 (0.4 x 2 x 60-mm)
- size 7 (0.4 x 2.5 x 75-mm)
- size 8 (0.5 x 3 x 75-mm)

- 4752: size 00, size 0, size 1



SW Code	Item Code	g	
96 47 97 10	707724	285	1

VDE-insulated Screwdrivers

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

4695 VDE Screwdriver set DRALL⁺

Set with 6 screwdrivers DRALL⁺, IEC 60900 C, safety insulated.

⚡ AC 1000 V

Content:

⊖ 4660 VDE:

size 1 (0.4 x 2.5 x 75-mm)

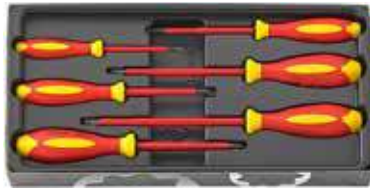
size 3 (0.6 x 3.5 x 100-mm)

size 5 (1 x 5.5 x 125-mm)

size 6 (1.2 x 6.5 x 150-mm)

⊕ 4665 VDE:

size 1, size 2



SW Code	Item Code	g	☐
96 46 95 15	707577	620	1

4660 VDE ⊖ Electricians screwdrivers DRALL⁺

IEC 60900 C, safety insulated,

blade gunmetal finished, Chrome Alloy Steel.



SW Code	Item Code	Size	a mm	b mm	L ₁ mm	L ₂ mm	g	☐
46 60 10 25	707559	1	0.4	2.5	75	160	43	10
46 60 10 30	707560	2	0.5	3	100	185	39	10
46 60 10 35	707561 [^]	3	0.6	3.5	100	205	42	10
46 60 10 40	707562 [^]	4	0.8	4	100	205	46	10
46 60 10 55	707563	5	1	5.5	125	240	90	10
46 60 10 65	707564 [^]	6	1.2	6.5	150	265	115	10
46 60 10 80	707565 [^]	7	1.2	8	175	300	170	10

4665 VDE ⊕ Cross-head screwdrivers DRALL⁺

Phillips-Recess[®], IEC 60900 C, safety insulated, blade gunmetal finished. Chrome Alloy Steel.



SW Code	Item Code	PH Size	L ₁ mm	L ₂ mm	g	☐
46 65 10 00	707566 [^]	0	60	145	35	10
46 65 10 01	707567 [^]	1	80	185	47	10
46 65 10 02	707568 [^]	2	100	215	89	10
46 65 10 03	707569 [^]	3	150	275	159	10

10554 ⊖ EURO voltage tester

built to conform to the new EN standard, tested to conform to the currently valid VDE GS standard, with plastic handle, AC 125 - 250 V.



SW Code	Item Code	a mm	b mm	L mm	g	☐
77 45 00 01	705178 [^]	1	3.5	190	37	10

12507-2K ⊖ T-handled nut spinners

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



SW Code	Item Code	Ø mm	L ₁ mm	L ₂ mm	g	☐
43 23 20 60	705816	6	200	224	83	10
43 23 20 70	705817 [^]	7	200	234	133	10
43 23 20 80	705818	8	200	234	135	10
43 23 20 90	705819 [^]	9	200	234	137	10
43 23 21 00	705809	10	200	234	141	10
43 23 21 10	705810 [^]	11	200	240	169	5
43 23 21 20	705811	12	200	240	171	5
43 23 21 30	705812	13	200	240	176	5

10546 ⊖ Offset screwdrivers

DIN 5200, for slotted screws, centre handle covered with impact proof plastic, Chrome Vanadium, chrome plated.



SW Code	Item Code	Size	a mm	b mm	L mm	g	☐
73 27 20 01	705165 [^]	1	0.6	3.5	90	8	10
73 27 20 02	705166	2	0.8	4	100	12	10
73 27 20 03	705167	3	1	5.5	125	29	10
73 27 20 04	705168 [^]	4	1.2	8	150	69	10

10551 ⊕ Offset screwdrivers

DIN 5208, for recessed head screws, Phillips-Recess[®], centre handle covered with impact proof plastic, Chrome Vanadium, chrome plated.



SW Code	Item Code	Size	L mm	g	☐
73 28 20 12	705175	1 x 2	125	30	10
73 28 20 23	705176	2 x 3	150	72	10

Hexagon key wrenches

in holder, DIN ISO 2936 (metric), for socket head screws, Chrome Vanadium, nickel plated.



SW Code	Item Code	No.	g	☐
96 43 15 01	705333	10760CV/9 ¹⁾	245	1
96 43 55 01	705304 [^]	10760aCV/10Pc ²⁾	269	1
96 43 55 02	705305 [^]	10760aCV/13 ³⁾	124	1

¹⁾ Content: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10mm

²⁾ Content: 1/16; 5/64; 3/32; 1/8; 5/32; 3/16; 7/32; 1/4; 5/16; 3/8" (in plastic-wallet)

³⁾ Content (in two holders): 0.028; 0.035; 0.050; 1/16; 5/64; 3/32; 7/64; 1/8; 9/64; 5/32; 3/16; 7/32; 1/4"

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



SW Code	Item Code	g	☐
96 43 21 01	705354	410	5

10760CV ● Hexagon key wrenches

DIN ISO 2936 (metric), for socket head screws, Chrome Vanadium, nickel plated (sizes 0.7; 0.9; 1.3mm, gunmetal finish)



SW Code	Item Code	mm/"	L ₁ mm	L ₂ mm	g	
43 15 00 70	705306 [^]	0.7/0.028	8	32	1	10
43 15 00 90	705307 [^]	0.9/0.035	10	32	1	10
43 15 01 30	705308 [^]	1.3/0.050	12	40	1	10
43 15 01 50	705309 [^]	1.5	14	45	1	10
43 15 00 02	705316 [^]	2	16	50	2	10
43 15 02 50	705317 [^]	2.5	18	56	3	10
43 15 00 03	705321 [^]	3	20	63	4	10
43 15 03 50	705322 [^]	3.5	22	66	7	10
43 15 00 04	705326 [^]	4	25	70	10	10
43 15 00 05	705327 [^]	5	28	80	18	10
43 15 00 06	705328 [^]	6	32	90	29	10
43 15 00 07	705329 [^]	7	34	95	42	10
43 15 00 08	705330 [^]	8	36	100	59	10
43 15 00 09	705331 [^]	9	38	105	80	10
43 15 00 10	705310 [^]	10	40	112	103	10
43 15 00 11	705311 [^]	11	42	119	130	10
43 15 00 12	705312 [^]	12	45	125	169	5
43 15 00 14	705313 [^]	14	56	140	261	5
43 15 00 17	705314 [^]	17	63	160	442	5
43 15 00 19	705315 [^]	19	70	180	603	5
43 15 00 22	705318 [^]	22	80	200	938	1
43 15 00 24	705319 [^]	24	90	224	1248	1
43 15 00 27	705320 [^]	27	100	250	1692	1
43 15 00 30	705323 [^]	30	112	280	2434	1
43 15 00 32	705324 [^]	32	125	315	3117	1
43 15 00 36	705325 [^]	36	140	355	4430	1

Ball ended hexagon key wrenches

in holder, Chrome Vanadium, gunmetal finish.



SW Code	Item Code	No.	g	
96 43 26 01	705389	10767/9 ¹⁾	420	5
96 43 57 01	705405 [^]	10767a/8 ²⁾	283	1
96 43 57 02	705404	10767a/13 ³⁾	455	1

¹⁾ Content: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10mm

²⁾ Content: 5/64; 3/32; 1/8; 5/32; 3/16; 7/32; 1/4; 5/16"

³⁾ Content: 0.050; 1/16; 5/64; 3/32; 7/64; 1/8; 9/64; 5/32; 3/16; 7/32; 1/4; 5/16; 3/8"

10767 ● Ball ended hexagon key wrenches

for hexagon socket head screws, with ball end on long arm, swivel angle up to 25° each side, Chrome Vanadium, gunmetal finish.



SW Code	Item Code	mm/"	L ₁ mm	L ₂ mm	g	
43 57 01 30	705391 [^]	1.3/0.050	12	72	1	10
43 26 00 15	705373 [^]	1.5	14	90	1.5	10
43 26 00 02	705375 [^]	2	16	100	3	10
43 26 00 25	705376 [^]	2.5	18	112	5.5	10
43 26 00 03	705377 [^]	3	20	126	9	10
43 26 00 04	705378 [^]	4	25	140	18	10
43 26 00 05	705379 [^]	5	28	160	31	10
43 26 00 06	705380 [^]	6	32	180	50	10
43 26 00 08	705381 [^]	8	36	200	100	10
43 26 00 10	705374 [^]	10	40	224	188	10
43 26 00 12	705390 [^]	12	45	224	297	10

10767H/9 ● Set: Ball ended hexagon key wrenches

for recessed hexagonal screws, swivel angle up to 25° each side, from size 3-mm with ring, with ball end on long arm facilitates quick, safe work in awkward places, screws stay on the head once attached, in holder, Chrome Vanadium, gunmetal finish.

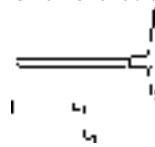


Content: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10-mm

SW Code	Item Code	g	
96 43 26 02	705388	401	5

10768-2K ● Hexagon key wrenches

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



SW Code	Item Code	mm	L ₁ mm	L ₂ mm	g	
43 25 20 20	705411	2	100	125	33	10
43 25 20 25	705412	2.5	100	125	42	10
43 25 20 30	705413	3	150	174	42	10
43 25 20 40	705414	4	150	176	51	10
43 25 20 50	705415	5	200	227	73	10
43 25 20 60	705416	6	200	228	92	10
43 25 20 80	705417	8	200	235	178	5
43 25 21 00	705410	10	200	235	247	5

10768 ● T-handled screwdrivers

for socket head screws, Chrome Vanadium, matt chrome plated, black tips.



SW Code	Item Code	mm	L ₁ mm	L ₂ mm	g	
43 25 00 20	705408 [^]	2	100	116	10	10
43 25 00 25	705409 [^]	2.5	100	116	10	10
43 25 00 30	705418 [^]	3	150	166	20	10
43 25 00 40	705419 [^]	4	150	175	40	10
43 25 00 50	705420 [^]	5	200	225	60	10
43 25 00 60	705421 [^]	6	200	225	80	10
43 25 00 80	705422 [^]	8	200	235	150	5
43 25 01 00	705407 [^]	10	200	235	210	5

10769 ● TORX® T-handled screwdrivers

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



SW Code	Item Code	Size	mm	L ₁ mm	L ₂ mm	g	
43 29 00 08	705433 [^]	T8	2.3	80	96	10	5
43 29 00 09	705434 [^]	T9	2.5	80	96	10	5
43 29 00 10	705423	T10	2.7	100	116	10	5
43 29 00 15	705424	T15	3.3	100	116	20	10
43 29 00 20	705425	T20	3.8	100	125	30	10
43 29 00 25	705426	T25	4.4	110	135	40	10
43 29 00 27	705427	T27	5	110	135	50	10
43 29 00 30	705428	T30	5.5	130	155	60	10
43 29 00 40	705429	T40	6.6	130	165	100	10
43 29 00 45	705430	T45	7.8	130	165	120	10
43 29 00 50	705431 [^]	T50	8.8	130	165	140	5

Accurate. Strong. Dependable.

STAHlwILLE pliers, cutters and wrenches



For accurate work and a powerful grip – with comfy-fit multi-component handles.

When you are working with pliers, your hand needs optimum support and protection in the places where the pressure exerted on the hand is felt most keenly – through ergonomic handle design. STAHlwILLE has integrated softer layers in these sections of the handles.

In this way, they fulfil two important functions. They prevent the hand slipping off the handle and, at the same time, absorb the shock produced when hard wires are cut. Even with oily or greasy hands, the textured surface ensures you still have a good grip on things. The special plastic we have used is also resistant to aggressive fluids and, at the end of the lifecycle, can be properly disposed of, because it does not contain PVC.



1

Accurate gripping! By using high-grade materials and applying our sophisticated manufacturing techniques, we are able to achieve remarkable accurately shaped jaws.

2

Clean, effortless cutting! Thanks to specially hardened, high-precision cutters.

3

Strain-free working and longer tool lifetimes! Thanks to smooth-action lap-joints.

4

Prevents injuries! The anti-slip protection prevents your hands slipping off towards the jaws.

5

Longer tool lifetime and resistance to aggressive fluids! Thanks to impact-resistant, extremely hard-wearing special plastic.

6

No pinch marks and strain-free working! The ergonomically positioned softer layers improve force transmission.

6501 Combination Pliers

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



SW Code	Item Code	L mm	Head	Handles	③	④	⑤	⑥	△ g
65 01 51 80	708440	180	chrome plated	multi-component handles with softer layers	2	1.8	12	16	235
65 01 52 00	708441	200	chrome plated	multi-component handles with softer layers	2.5	2	13	16	368
65 01 61 80	708443	180	polished	dip-coated with sure-grip surface	2	1.8	12	16	190
65 01 62 00	708444 [^]	200	polished	dip-coated with sure-grip surface	2.5	2	13	16	263

③ cutting capacity in mm for hard wire
⑤ cutting capacity in mm for cable

④ cutting capacity in mm for piano wire
⑥ cutting capacity in mm² for cable

6529 Snipe Nose Pliers with Cutter

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



SW Code	Item Code	L mm	Head	Handles	L ₃ mm	W mm	D mm	h mm	b mm	△ g
65 29 51 60	708506 [^]	160	chrome plated	multi-component handles with softer layers	51	16	9	3	2.5	170
65 29 52 00	708507	200	chrome plated	multi-component handles with softer layers	73	17	9	3	2.5	220
65 29 61 60	708509	160	polished	dip-coated with sure-grip surface	51	16	9	3	2.5	148
65 29 62 00	708510 [^]	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)

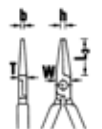
DIN ISO 5745, Form B, bent 45°, half round, long tapering,
serrated jaws, with burner hole, precision cutting edges
for soft and hard wires, induction hardened cutting edges,
approx. 60 HRC.



SW Code	Item Code	L mm	Head	Handles	L ₂ mm	L ₃ mm	W mm	D mm	h mm	b mm	△ g
65 30 51 60	708517 [^]	160	chrome plated	multi-component handles with softer layers	24	55	16	9	3	2.5	170
65 30 52 00	708518 [^]	200	chrome plated	multi-component handles with softer layers	28	76	17	9	3.5	3	220
65 30 61 60	708519 [^]	160	polished	dip-coated with sure-grip surface	24	55	16	9	3	2.5	146
65 30 62 00	708520 [^]	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.



SW Code	Item Code	L mm	Head	Handles	L ₃ mm	W mm	D mm	h mm	b mm	△ g
65 34 52 80	708543 [^]	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.



SW Code	Item Code	L mm	Head	Handles	L ₂ mm	L ₃ mm	W mm	D mm	h mm	b mm	△ g
65 35 52 80	708546 [^]	280	chrome plated	dip-coated with sure-grip surface	28	66	20	9.5	3	2.5	255

6600 Side cutters ✂

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



SW Code	Item Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	④	△ g
66 00 51 60	708674	160	chrome plated	multi-component handles with softer layers	29.5	22.5	9.5	3	2.8	2	1.6	205
66 00 51 80	708675	180	chrome plated	multi-component handles with softer layers	32	23.5	11	3.8	3	2.5	2	325
66 00 61 60	708679	160	polished	dip-coated with sure-grip surface	29.5	22.5	9.5	3	2.8	2	1.6	165
66 00 61 80	708680 [^]	180	polished	dip-coated with sure-grip surface	32	23.5	11	3.8	3	2.5	2	205

① cutting capacity in mm for soft wire
③ cutting capacity in mm for hard wire

② cutting capacity in mm for medium hard wire
④ cutting capacity in mm for piano wire

6602 Heavy Duty Side cutters ✂

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



SW Code	Item Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	④	△ g
66 02 52 00	708697 [^]	200	chrome plated	multi-component handles with softer layers	31	28	11.5	4	4	3	2.5	310
66 02 52 50	708698 [^]	250	chrome plated	multi-component handles with softer layers	32	29.5	12	4	4	3.5	3	400
66 02 62 00	708702 [^]	200	polished	dip-coated with sure-grip surface	31	28	11.5	4	4	3	2.5	260
66 02 62 50	708703	250	polished	dip-coated with sure-grip surface	32	29.5	12	4	4	3.5	3	375

① cutting capacity in mm for soft wire
③ cutting capacity in mm for hard wire

② cutting capacity in mm for medium hard wire
④ cutting capacity in mm for piano wire

6618 Top cutters, heavy duty ✂

DIN ISO 5748, precision cutting edges for all wires, incl. piano wire, alloy steel of highest quality, induction hardened bevelled cutting edges, approx. 63 HRC.



SW Code	Item Code	L mm	Head	Handles	e mm	h mm	b ₁ mm	b ₂ mm	①	②	③	④	△ g
66 18 51 60	708743 [^]	160	chrome plated	multi-component handles with softer layers	17	26	11.5	24	3.8	3	2.5	2	240
66 18 61 60	708744 [^]	160	polished	dip-coated with sure-grip surface	17	26	11.5	24	3.8	3	2.5	2	225

① cutting capacity in mm for soft wire
③ cutting capacity in mm for hard wire

② cutting capacity in mm for medium hard wire
④ cutting capacity in mm for piano wire

6622 Wire stripping pliers

with adjustment screw to cut insulation only on wire or cable, max. 5 mm Ø10 mm² conductor cross-section.



SW Code	Item Code	L mm	Head	Handles	△ g
66 22 61 60	708755 [^]	160	polished	dip-coated with sure-grip surface	180

6551 Waterpump pliers

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



SW Code	Item Code	L mm	Jaw Opening max mm	Head	Handles	△ g
65 51 62 40	708606	240	43	black lacquered, jaws polished	black lacquered, box frame polished, dip-coated	330
65 51 63 00	708607 [^]	300	51	black lacquered, jaws polished	dip-coated with sure-grip surface	520

6563 Universal self grip wrenches

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



6563 2250

SW Code	Item Code	L mm	S mm	Head	Handles	g
65 63 21 75	708633 [^]	175	25	bright nickel-plated	bright nickel-plated	320
65 63 22 50	708634 [^]	250	30	bright nickel-plated	bright nickel-plated	500

6564 Self grip wrenches

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



6564 2300

SW Code	Item Code	L mm	S mm	Head	Handles	g
65 64 21 75	708636 [^]	175	30	bright nickel-plated	bright nickel-plated	323
65 64 22 50	708637 [^]	250	40	bright nickel-plated	bright nickel-plated	550
65 64 23 00	708638	300	65	bright nickel-plated	bright nickel-plated	977

6576N Connector pliers

replaceable plastic jaws, 4 adj. positions, for use on screw connections incl. Canon-connectors, or any light alloy or other tube connections, surfaces of which must not be damaged, Chrome Vanadium.



6576 5231

SW Code	Item Code	L mm	Head	Handles	g
65 76 52 31	708655	230	chrome plated	dip-coated	288

6660 Steel fixers pincers

DIN ISO 9242, limit on opening angle to ensure single-handed closure (registered design), little effort required due to optimised cutter geometry, induction-hardened cutters provide excellent resistance to wear, special steel, drop-forged, oil hardened



6660 1280

SW Code	Item Code	L mm	Head	Handles	g
66 60 12 50	708773 [^]	250	polished	black lacquered	420
66 60 12 80	708774 [^]	280	polished	black lacquered	434

6630 Cable shear

for copper and light alloy cables. Easy, single handed operation. Special cutting edges geometry to avoid pressure marks and frayed ends, adjustable joint, anti-squeeze protection, not suitable for steel or armoured cables.



6630 7220

SW Code	Item Code	L mm	Head	Handles	⑦	⑧	⑨	g
66 30 72 20	708765 [^]	220	chrome plated	dip-coated with sure-grip surface	16	35	70	332

⑦ Cutting capacity in mm² for single wire Al-/Cu-Cable

⑧ Cutting capacity in mm² for multiple wire Al-/Cu-Cable

⑨ Cutting capacity in mm² for thin wire Al-/Cu-Cable

6543 Circlip pliers for inside circlips

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



65436004

SW Code	Item Code	Size	L mm	Tips Ø mm	For Circlip Sizes mm	Head	Handles	g
65 43 60 00	708566 [^]	J 0	140	0.9	8-13	polished	dip-coated with sure-grip surface	100
65 43 60 01	708567 [^]	J 1	140	1.3	12-25	polished	dip-coated with sure-grip surface	100
65 43 60 02	708568 [^]	J 2	180	1.8	19-60	polished	dip-coated with sure-grip surface	150
65 43 60 03	708569 [^]	J 3	225	2.3	40-100	polished	dip-coated with sure-grip surface	215
65 43 60 04	708570 [^]	J 4	320	3.2	85-140	polished	dip-coated with sure-grip surface	462

6544 Circlip pliers for inside circlips

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



65446041

SW Code	Item Code	Size	L mm	Tips Ø mm	For Circlip Sizes mm	Head	Handles	g
65 44 60 01	708578 [^]	J 01	130	0.9	8-13	polished	dip-coated with sure-grip surface	100
65 44 60 11	708579 [^]	J 11	130	1.3	12-25	polished	dip-coated with sure-grip surface	100
65 44 60 21	708580 [^]	J 21	170	1.8	19-60	polished	dip-coated with sure-grip surface	150
65 44 60 31	708581 [^]	J 31	215	2.3	40-100	polished	dip-coated with sure-grip surface	215
65 44 60 41	708582 [^]	J 41	300	3.2	85-140	polished	dip-coated with sure-grip surface	432

6545 Circlip pliers for outside circlips

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



65456004

SW Code	Item Code	Size	L mm	Tips Ø mm	For Circlip Sizes mm	Head	Handles	g
65 45 60 00	708588 [^]	A 0	140	0.9	3-10	polished	dip-coated with sure-grip surface	105
65 45 60 01	708589 [^]	A 1	140	1.3	10-25	polished	dip-coated with sure-grip surface	105
65 45 60 02	708590 [^]	A 2	180	1.8	19-60	polished	dip-coated with sure-grip surface	160
65 45 60 03	708591 [^]	A 3	210	2.3	40-100	polished	dip-coated with sure-grip surface	232
65 45 60 04	708592 [^]	A 4	315	3.2	85-140	polished	dip-coated with sure-grip surface	491

6546 Circlip pliers for outside circlips

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



65466041

SW Code	Item Code	Size	L mm	Tips Ø mm	For Circlip Sizes mm	Head	Handles	g
65 46 60 01	708598 [^]	A 01	125	0.9	3-10	polished	dip-coated with sure-grip surface	105
65 46 60 11	708599 [^]	A 11	125	1.3	10-25	polished	dip-coated with sure-grip surface	105
65 46 60 21	708600 [^]	A 21	170	1.8	19-60	polished	dip-coated with sure-grip surface	160
65 46 60 31	708601 [^]	A 31	200	2.3	40-100	polished	dip-coated with sure-grip surface	236
65 46 60 41	708602 [^]	A 41	290	3.2	85-140	polished	dip-coated with sure-grip surface	468

6575 Wire twisting pliers

registered design, for wire locking of metal fasteners, with side cutter, serrated jaws for positive grip, jaws angled by 40°, suitable for locking wires up to \varnothing 1.6 mm (dec. in. 0.06), **for clockwise and anti-clockwise use**, with automatic return action, Chrome Vanadium.



SW Code	Item Code	L mm	Head	Handles	\triangle
65 75 12 20	708652	230	gunmetal finish, polished	gunmetal finish	330
65 75 12 80	708654	280	gunmetal finish, polished	gunmetal finish	440

6501 VDE Combination pliers

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



SW Code	Item Code	L mm	Head	Handles	③	④	⑤	⑥	\triangle
65 01 82 00	708448 [^]	200	chrome plated	insulated, with plastic sleeves, DIN EN 60900, \triangle AC/1000 V	2.5	2	13	16	317

③ cutting capacity in mm for hard wire ④ cutting capacity in mm for piano wire
 ⑤ cutting capacity in mm for cable ⑥ cutting capacity in mm² for cable

6529 VDE 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 cutting edges for soft and hard wires, induction hardened cutting edges, approx. 60 HRC.



SW Code	Item Code	L mm	Head	Handles	L ₃ mm	W mm	D mm	h mm	b mm	\triangle
65 29 82 00	708513 [^]	200	chrome plated	insulated, with plastic sleeves, DIN EN 60900, \triangle AC/1000 V	73	17	9	3	2.5	202

6530 VDE Snipe nose pliers with cutter (radio- or telephone pliers)

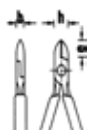
DIN ISO 5745, Form B, bent 45°, half round, long tapering, serrated jaws, with burner hole, precision cutting edges for soft and hard wires, induction hardened cutting edges, approx. 60 HRC.



SW Code	Item Code	L mm	Head	Handles	L ₂ mm	L ₃ mm	W mm	D mm	h mm	b mm	\triangle
65 30 82 00	708524 [^]	200	chrome plated	insulated, with plastic sleeves, DIN EN 60900, \triangle AC/1000 V	28	76	17	9	3.5	3	201

6600 VDE Side cutters

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



SW Code	Item Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	④	\triangle
66 00 81 80	708686 [^]	180	chrome plated	insulated, with plastic sleeves, DIN EN 60900, \triangle AC/1000 V	25.5	25	9.5	3.8	3	2.5	2	249

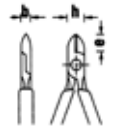
① cutting capacity in mm for soft wire ② cutting capacity in mm for medium hard wire
 ③ cutting capacity in mm for hard wire ④ cutting capacity in mm for piano wire

6602 VDE Heavy Duty Side cutters ✂

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



66028200



SW Code	Item Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	④	g
66028200	708708 [^]	200	chrome plated	insulated, with plastic sleeves, DIN EN 60900, AC/1000 V	31	28	11.5	4	4	3	2.5	305

① cutting capacity in mm for soft wire

② cutting capacity in mm for medium hard wire

③ cutting capacity in mm for hard wire

④ cutting capacity in mm for piano wire

6622 VDE Wire stripping pliers

with adjustment screw to cut insulation only on wire or cable, max. 5 mm Ø 10 mm² conductor cross-section.



66228160

SW Code	Item Code	L mm	Head	Handles	g
66228160	708757 [^]	160	chrome plated	insulated, with plastic sleeves, DIN EN 60900, AC/1000 V	168

6703 Set with 3 pliers, chrome plated

multi-component handles with softer layers, in plastic inlay

Content:

6501 Combination pliers, 180 mm

6602 Heavy duty side cutter, 160 mm

6529 Snipe nose pliers, 200 mm



SW Code	Item Code	g
96650005	708778 [^]	810

6705 Set with 3 pliers, polished

dip-coated, in plastic inlay

Content:

6551 Waterpump pliers, 240 mm, lacquered

6501 Combination pliers, 180 mm

6602 Heavy duty side cutter, 160 mm



SW Code	Item Code	g
96650007	708780 [^]	880

6704 Set with 3 pliers, chrome plated

multi-component handles with softer layers (No 6501, 6602), in plastic inlay

Content:

6551 Waterpump pliers, 240 mm

6501 Combination pliers, 180 mm

6602 Heavy duty side cutter, 160 mm



SW Code	Item Code	g
96650006	708779 [^]	950

6706 Set with 3 pliers, polished

dip-coated, in plastic inlay

Content:

6501 Combination pliers, 180 mm

6602 Heavy duty side cutter, 160 mm

6529 Snipe nose pliers, 200 mm



SW Code	Item Code	g
96650008	708781 [^]	750



Specialty Tools

10955 Plastic hammers

with interchangeable heads of impact resisting Cellulose Acetate and Ash Handles.



SW Code	Item Code	∅ mm	L ₁ mm	L ₂ mm	g	
70 16 00 27	705524 [^]	27	265	90	215	6
70 16 00 32	705525 [^]	32	280	100	325	6
70 16 00 35	705526 [^]	35	290	105	400	2
70 16 00 40	705527 [^]	40	320	110	550	2
70 16 00 50	705528 [^]	50	340	115	860	2

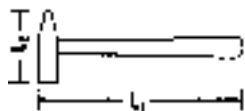
10955R Spare plastic heads

of impact resisting Cellulose Acetate, these are lightly heated and then tapped into position.

SW Code	Item Code	∅ mm	g	
79 04 00 35	705532 [^]	35	28	10
79 04 00 40	705533 [^]	40	37	10
79 04 00 50	705534 [^]	50	65	10

10960 Engineers hammers

with Ash Handles, DIN 1041.



SW Code	Item Code	g	L ₁ mm	L ₂ mm	g	
70 11 00 05	705561	100	260	82	148	6
70 11 00 01	705564	200	280	95	254	6
70 11 00 04	705565	300	300	105	396	6
70 11 00 02	705566	500	320	118	614	6
70 11 00 06	705567	800	350	130	951	2
70 11 00 03	705560	1000	360	135	1132	2
70 11 00 07	705562	1500	380	145	1615	2
70 11 00 08	705563	2000	400	155	2285	2

10970 Ball pein hammers

with Ash Handles.



SW Code	Item Code	lb.	L ₁ mm	L ₂ mm	g	
70 12 00 01	705570	1/4	270	67	176	6
70 12 00 05	705569	1/2	290	82	320	6
70 12 00 06	705573 [^]	3/4	310	93	454	6
70 12 00 02	705571	1	320	99	575	6
70 12 00 04	705568 [^]	1 1/2	350	118	790	2
70 12 00 03	705572 [^]	2	380	126	1044	2

100 Ribbed cold chisels

of tough tempered special steel, chrome plated.



SW Code	Item Code	Size	L mm	b mm	g	
70 01 00 05	705074	5*	125	18	93	10
70 01 00 06	705075	6	150	20	165	10
70 01 00 08	705076	8	200	26	305	5
70 01 00 10	705072	10	250	30	507	5
70 01 00 12	705073	12	300	35	807	5

* to be discontinued

102 Cold chisels

DIN 6453, Chrome Vanadium Steel, lacquered silver.



SW Code	Item Code	Size	L mm	b mm	g	
70 02 00 02	705082 [^]	125	125	15	96	10
70 02 00 03	705083 [^]	150	150	18	172	10
70 02 00 04	705084 [^]	175	175	21	269	10
70 02 00 05	705085 [^]	200	200	24	379	5
70 02 00 07	705086 [^]	250	250	25	479	5
70 02 00 08	705087 [^]	300	300	26	591	5

110 Grooving chisel

flat, Chrome Vanadium Steel, lacquered silver.



SW Code	Item Code	L mm	b mm	g	
70 08 00 01	705580	240	26	292	5

112 Grooving chisel

as No-110, but with finger protector.



SW Code	Item Code	L mm	b mm	g	
70 08 00 02	705651 [^]	240	26	411	5

112/1 Finger protector

for Cold Chisels No-102 and Cross-cut Chisels No-103 from 200-mm onward, for Grooving Chisel No 110, shaft section 23 x 13-mm.

SW Code	Item Code	g	
79 16 00 01	705652 [^]	101	5

105 Centre punches

DIN 7250, octagonal,
Chrome Vanadium, lacquered silver.



SW Code	Item Code	Size	mm	L mm	⚖️ g	📦
70050001	705132	100 x 10	10	100	52	10
70050005	705133	120 x 10	10	120	63	10
70050002	705134	120 x 12	12	120	90	10

109 Pin punches

with guide bush.



SW Code	Item Code	Size	● mm	● mm	L mm	⚖️ g	📦
70090001	705498	1	0.9	5	80	7	10
70090002	705499	2	1.4	5.5	82	12	10
70090003	705500^	3	1.8	6	86	12	10
70090004	705501^	4	2.4	7	95	18	10
70090005	705502^	5	2.8	7	97	19	10
70090006	705503^	6	3.4	8	100	25	10
70090007	705504^	7	3.9	9	100	27	10
70090008	705505^	8*	5.9	10	103	47	10

● diameter of tip
● diameter of handle
* without guide bush

102-5/6 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
T = textile



SW Code	Item Code	No.	⚖️ g	📦
98812201	705097^	102-5/6 D	445	1
98812202	705098	102-5/6 T	426	5

105-8/6K Pin punch - centre punch set

6 pieces
in transparent plastic
container stand.
Content: 1 each
No-108/150 x 2.5; 150 x 3; 150 x 4;
150 x 5; 150 x 6-mm;
DIN 6450/ Form C
No-105/120 x 10-mm; DIN 7250



SW Code	Item Code	No.	⚖️ g	📦
96700711	705181^	105-8/6K	483	1

108/6 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
Pc = in plastic wallet



SW Code	Item Code	No.	⚖️ g	📦
96700701	705471^	108/6 D	450	1
96700702	705472	108/6 Pc	424	5

10670 Three square engineers scrapers

special steel.



SW Code	Item Code	L mm	⚖️ g	📦
72060101	705209^	215	106	5
72060103	705211^	265	124	5
72060104	705212^	285	140	5
72060105	705213^	310	152	5

10676 Three square engineers bearing scraper

special steel.



SW Code	Item Code	L mm	⚖️ g	📦
72080103	705218^	85 x 12 x 315	160	5

12050 Tubular hacksaw

with blade size 300-mm/12".



SW Code	Item Code	L mm	⚖️ g	📦
72210000	705725^	465	490	1

12053 Hacksaw frame



SW Code	Item Code	L mm	⚖️ g	📦
72210002	705727^	252	159	1

Spare hacksaw blades for No-12053

6 pieces, Chrome Alloy Tool Steel, 32 teeth per inch.

SW Code	Item Code	L mm	⚖️ g	📦
79180002	705728^	158	23	1

905/25 Stud remover set

M 5 - M 16, 3/16" - 5/8", 25 pieces, in green plastic box.
Content:
5 HSS 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



SW Code	Item Code	g	
96 71 30 25	709395	555	1

906 Spare parts

Removal pins and splined nuts, in pairs in plastic bags.

SW Code	Item Code	Size	for threads	g	
71 31 00 01	709396	1	M5-M6 3/16 - 1/4"	14	1
71 31 00 02	709397	2	M7-M8 1/4 - 5/16"	20	1
71 31 00 03	709398	3	M10 3/8"	33	1
71 31 00 04	709399	4	M12 7/16"	46	1
71 31 00 05	709400	5	M14-M16 1/2 - 9/16"	65	1

12665 52 Screw pitch gauge

0.25 to 6-mm and 4 to 62 t.p.i. (metric/Whitworth threads).



SW Code	Item Code	Size	g	
77 27 00 03	705847	52	79	10

13110 Steel rule

Metric-Inch scales, length 300-mm.



SW Code	Item Code	Divisions Top Edge	Divisions Lower Edge	g	
77 46 00 01	706085^	1/16, 1/32, 1/64	0.5; 1	26	5

12915 Ratchet tap holders

steel, chrome plated



SW Code	Item Code	Size	Capacity mm	DIN 1)	ISO 2)	L mm	g	
77 39 00 01	705895	1	2.0-5.0	M3-8	M1-6	85	180	1
77 39 00 02	705896	2	4.6-8	M5-12	M6-12	110	305	1

1) for taps DIN
2) for taps ISO

12800 Set warding files

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



SW Code	Item Code	L mm	g	
72 23 00 01	705881	100	111	5

13100 Set of needle files

6 pieces, in plastic wallet, Content: 1 file each, round, half round, three square, square, hand, flat



SW Code	Item Code	L mm	g	
96 72 28 01	706084^	140	46	1

12321 Engineers scriber

with knurled centre section. 1 straight and 1 offset blade; blades gunmetal finished.



SW Code	Item Code	L mm	g	
77 10 00 00	705749	250	31	10

12374 Wire brush

wood, steel wire dia. 0.35-mm.



SW Code	Item Code	L mm	Rows	g	
77 09 00 00	705753	290	4	129	10

12377 Wire brush

with brass coated steel bristles.



SW Code	Item Code	L mm	g	
77 09 00 10	705755	270	140	24

12378 File brush



SW Code	Item Code	L mm	g	
77 25 00 00	705756	260	74	5

13115 Brass wire brush

for use on light alloys.



SW Code	Item Code	L mm	Rows	g	
77 47 00 01	706086^	280	4	134	1

12481 Scraper



SW Code	Item Code	L mm	b mm	△△ g	
77 07 00 00	705761 [^]	212	60	65	10

10356 Scraper

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



SW Code	Item Code	Length mm	Width mm	△△ g	
74 27 00 05	705114	165	40	90	1

12600 Magnetic lifter

loss of adhesion above 80°C



SW Code	Item Code	Lifting power g	∅ mm	L mm	△△ g	
77 26 00 27	705822	270 ¹⁾	5	500	25	1
77 26 00 25	705824	500	8	460	80	1
77 26 00 60	705821 [^]	1800	15	520	230	1
77 26 02 00	705823 [^]	3000	19	535	297	1

¹⁾ Miniature magnetic lifter with tiny head, very powerful

12910 Adjustable hook spanners

for slotted nuts as per DIN 1810, adjustable.



SW Code	Item Code	Size	∅ mm	△△ g	
44 01 00 01	705892	1	20-42	90	5
44 01 00 02	705893	2	45-90	245	5
44 01 00 03	705894	3	95-165	686	5

12921N Telescopic mirror



SW Code	Item Code	mm	L mm	△△ g	
77 40 10 30	705902 [^]	30	265-705	108	1
77 40 10 40	705903	40	275-715	112	1
77 40 10 50	705904 [^]	50	285-725	135	1
77 40 10 60	705905 [^]	60	295-735	150	1

12922 Claw lifter

with ergonomic handle.



SW Code	Item Code	∅ mm	L mm	△△ g	
77 40 11 03	705910 [^]	6	540	113	1

Special tools for ignition and electrics

12375 Spark plug brush

wood, brass wire dia 0.15mm.



SW Code	Item Code	L mm	Rows	△△ g	
74 16 00 01	705754	150	3 x 5	18	10

12905 Car circuit tester

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



SW Code	Item Code	L mm	△△ g	
77 38 00 01	705890	120	73	10

Special tools for carburetors

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.



SW Code	Item Code	L mm	blade mm	△△ g	
73 01 00 01	705136	350	0.8 x 4 x 300	53	10

10518 Screwdriver

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



SW Code	Item Code	L mm	blade mm	△△ g	
73 21 01 02	705141	515	1 x 5.5 x 410	159	10

11085 Jet reamers

16 pieces in case, with holder



SW Code	Item Code	measuring range mm	△△ g	
74 31 00 01	705647	0.33 - 2.0	27	10



Special tools for valves and pistons

11095-11097 Precision feeler gauges

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



SW Code	Item Code	No.	Sizes	L mm	⚖️ g	📦
74 24 00 01	705648	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; 1.00mm	100	61	10
74 24 00 02	705649	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; 1.00mm	100	95	10
74 24 00 05	705650	11097/26	1 ½; 2; 2 ½; 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



Special tools for brakes and wheels

Tyre levers

Handy, sturdy construction, purposefully shaped, Chrome Alloy Steel



SW Code	Item Code	No.	L mm	⚖️ g	📦
74 01 04 00	706720 [^]	39 cars	400	383	5
74 01 06 00	706721 [^]	39/1 HGVs	600	897	5
74 01 06 02	706722 [^]	39/2 HGVs	600	1172	5
74 01 06 03	706723 [^]	39/3 HGVs	600	915	5

12373 Steel wire brush

special slim design



SW Code	Item Code	L mm	Rows	⚖️ g	📦
77 44 00 01	705752 [^]	230	2	70	10



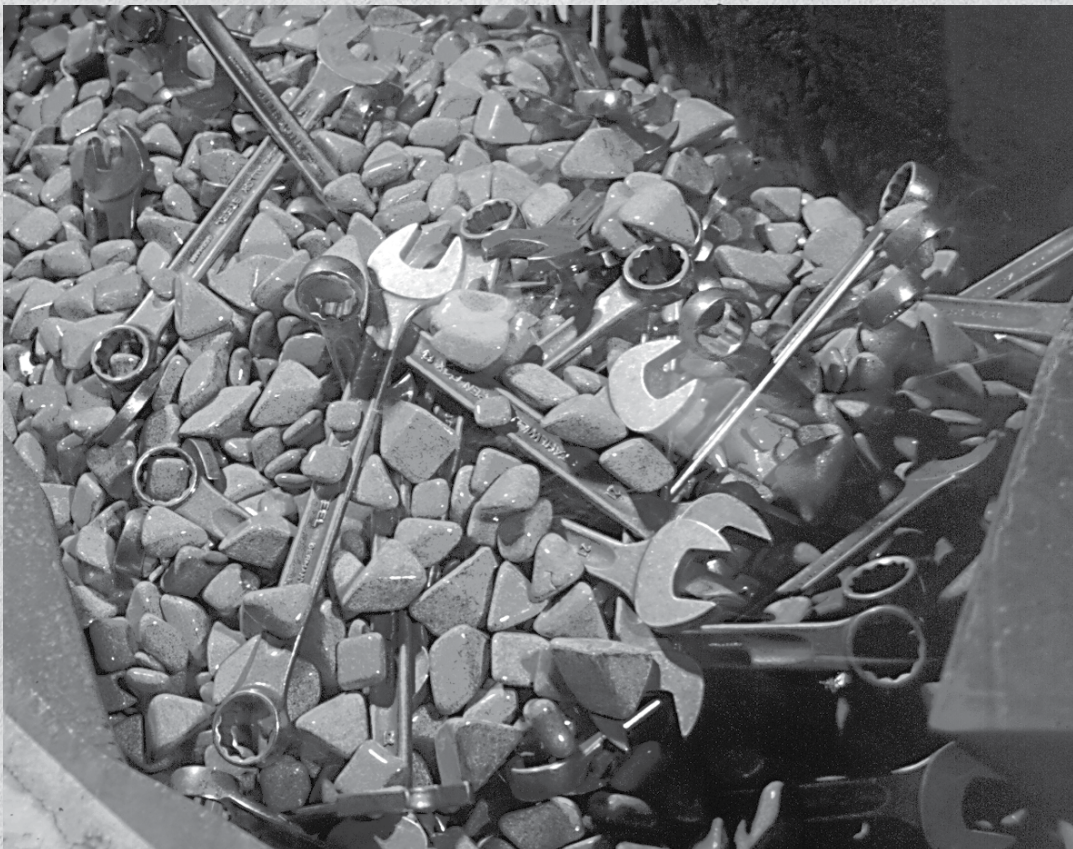
Special tools for lubrication service

3045 Special socket - oil filter

for oil filters, size 74-mm, 14-point, 10-mm dia. bore and outside hexagon 22-mm Ø.



SW Code	Item Code	total height mm	⚖️ g	📦
74 37 00 01	706671	52	131	1



Available from your Stahlwille distributor:

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