5 Screwdrivers and bit tools

242 **Screwdrivers**

251 **Screwdriver sets**

258 **L-Keys**

264 **L-Key sets in TCS**

265 **Bit tools**

STAHLWILLE SCREWDRIVERS AND BIT TOOLS – The great variety.

For professionals who are consistently meeting new demands in their daily work: STAHLWILLE offers a variety of screwdrivers for the most diverse applications and drive profiles – individually or in useful sets. Bit ratchets, bit holders and screwdriver bits complete the product range.



Safe.

Our DRALL+ handle is non-slip and ergonomic. An extended grip zone protects the fingers and a hand stop prevents the tool from accidentally slipping or rolling away.

Optimised.

The DRALL+ handle with 3-components combines hard and soft elements, which give it its optimised ergonomics, maximum power transmission and increased safety during daily use.

Practical.

Always find the right tip-profile thanks to the useful marking on the handle. For use in extreme conditions, DRALL+ screwdrivers are also available with metal impact caps.



Space-saving.

Perfect for work in confined spaces. The 1/4" bit fine-tooth mini ratchet with steel handle impresses with its slim design and special 80-tooth mechanism that allows a working angle of only 4.5°.

MADE IN CRONENBERG
MADE IN GERMANY

5

Fitting.

STAHLWILLE also offers screwdriver bits with different drive profiles – Made in Germany. Special hardening processes and high performance alloy steels guarantee a long service life.

Compact.

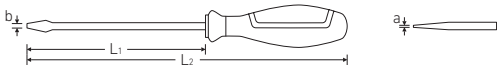
Stored in the practical soft case or in the robust plastic box, users have all the important bits, sockets and the drive tool right at hand.

SCREWDRIVERS.

4620



Slotted screwdrivers DRALL+
- for slotted screws
- black tip
- 3-component handle with laser marking
- Chrome Alloy Steel, matt chrome-plated
- DIN ISO 2380-1 / DIN ISO 2380-2 / DIN 5264

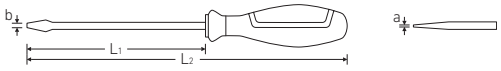


Product no.	Size	a mm	b mm	L_1 mm	L_2 mm	g
46203035	1	0.6	3.5	75	160	25
46203040	2	0.8	4	100	185	34
46203055	3	1.0	5.5	125	240	79
46203065	4	1.2	6.5	150	265	109
46203080	5	1.6	8	175	300	136
46203100	6	1.6	10	200	325	163
46203120	7	2.0	12	250	375	215

4621



Slotted screwdrivers DRALL+
- for slotted screws
- parallel blades
- black tip
- 3-component handle with laser marking
- Chrome Alloy Steel, matt chrome-plated
- blades according to VSM (Swiss Standard)

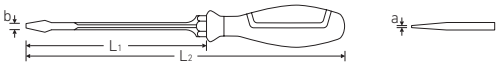


Product no.	Size	a mm	b mm	L_1 mm	L_2 mm	g
46213025	0	0.4	2.5	80	165	27
46213035	1	0.5	3.5	90	175	26
46213040	2	0.6	4	100	185	34
46213055	3	0.8	5.5	120	235	78
46213065	4	1.0	6.5	140	255	96
46213080	5	1.2	8	160	275	117

4622



Slotted screwdrivers DRALL+
- with hex shank profile
- for slotted screws
- black tip
- 3-component handle with laser marking
- Chrome Alloy Steel, matt chrome-plated
- DIN ISO 2380-1 / DIN ISO 2380-2 / DIN 5264

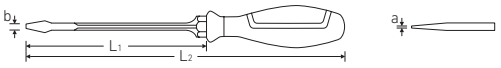


Product no.	Size	a mm	b mm	L_1 mm	L_2 mm	⬢ mm	g
46223555	1	1.0	5.5	100	215	8	85
46223565	2	1.2	6.5	125	240	10	100
46223580	3	1.2	8	150	275	13	159
46223500	4	1.6	10	175	300	13	174
46223520	5	2.0	12	200	325	13	240
46223540	6	2.5	14	250	375	13	310

4622SK



Slotted screwdrivers DRALL+
- with impact cap
- with hex shank profile
- for slotted screws
- black tip
- with 3-component handle
- Chrome Alloy Steel, matt chrome-plated
- DIN ISO 8764



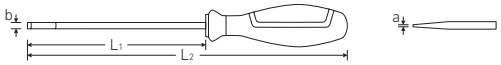
Product no.	Size	a mm	b mm	L_1 mm	L_2 mm	⬢ mm	g
46223440	1	0.8	4	90	195	6	50
46223355	2	1.0	5.5	100	215	8	106
46223365	3	1.2	6.5	125	240	10	135
46223208	4	1.2	8	150	275	13	191
46223210	5	1.6	10	175	300	13	226
46223212	6	2.0	12	200	325	13	267
46223314	7	2.5	14	250	375	13	340

4628



Electrician's slotted screwdrivers DRALL+

— for slotted screws
— black tip
— 3-component handle with laser marking
— Chrome Alloy Steel, matt chrome-plated
— DIN ISO 2380-1 / DIN ISO 2380-2 / DIN 5264



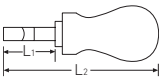
Product no.	Size	a mm	b mm	L_1 mm	L_2 mm	g
46283025	1	0.4	2.5	60	145	20
46283035	2	0.6	3.5	75	160	40
46283040	4	0.8	4	125	210	36
46283055	5	1.0	5.5	150	265	92
46283135	3	0.6	3.5	100	185	41
46283155	6	1.0	5.5	200	315	102

4724



Slotted screwdrivers DRALL®

— short version
— for slotted screws
— black tip
— Chrome Alloy Steel, matt chrome-plated
— DIN ISO 2380-1 / DIN ISO 2380-2 / DIN 5264



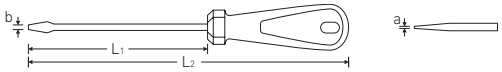
Product no.	Size	a mm	b mm	L_1 mm	L_2 mm	g
47241045	1	0.6	3.5	25	80	34
47241060	2	1.0	5.5	25	80	32
47241080	3	1.2	8	25	80	39

4820



Slotted screwdrivers 3K DRALL®

— for slotted screws
— black tip
— 3-component handle with non-slip fibre coating and hanging hole
— Chrome Alloy Steel, matt chrome-plated
— DIN 5264 / ISO 2380



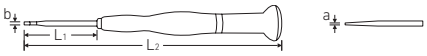
Product no.	a mm	b mm	L_1 mm	L_2 mm	g
48201035	0.6	3.5	75	170	63
48201040	0.8	4	100	195	32
48202055	1.0	5.5	125	220	58
48201065	1.2	6.5	150	265	100
48201080	1.6	8	175	290	120
48201100	1.6	10	200	315	158
48202100	2.0	12	250	375	218

4751



Electronic slotted screwdrivers

— for slotted screws
— rotating cap with ergonomic recess
— narrow, practical, fast rotating handle
— with laser marking



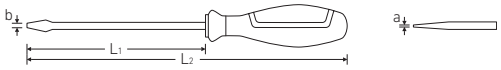
Product no.	Size	a mm	b mm	L_1 mm	L_2 mm	g
47513001	1	0.16	0.8	40	140	12
47513002	2	0.18	1	40	140	12
47513003	3	0.25	1.2	40	140	12
47513004	4	0.3	1.5	40	140	12
47513005	5	0.3	1.8	60	160	12
47513006	6	0.4	2	60	160	12
47513007	7	0.4	2.5	75	175	12
47513008	8	0.5	3	75	175	14

TOOLS THAT
... inspire

10503



Slotted screwdriver DRALL+
- long version, for adjustment work
- for slotted screws
- black tip
- 3-component handle with laser marking
- Chrome Alloy Steel, matt chrome-plated
- DIN 2380

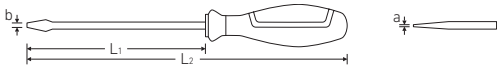


Product no.	a mm	b mm	L_1 mm	L_2 mm	g
73213101	0.8	5	250	365	100

10506



Slotted screwdriver DRALL+
- long version, for adjustment work
- for slotted screws
- black tip
- 3-component handle with laser marking
- Chrome Alloy Steel, matt chrome-plated
- DIN 2380

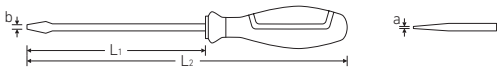


Product no.	a mm	b mm	L_1 mm	L_2 mm	g
73013001	0.8	4	300	380	48

10518



Slotted screwdriver DRALL+
- long version, for adjustment work
- for slotted screws
- black tip
- 3-component handle with laser marking
- Chrome Alloy Steel, matt chrome-plated
- DIN 2380

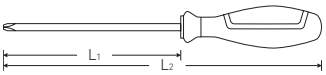


Product no.	a mm	b mm	L_1 mm	L_2 mm	g
73213102	1.0	5.5	410	525	159

4630



PH cross-head screwdrivers DRALL+
- for PHILLIPS® screws
- black tip
- 3-component handle with laser marking
- Chrome Alloy Steel, matt chrome-plated
- DIN ISO 8764

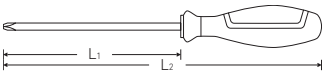


Product no.	Size	L_1 mm	L_2 mm	g
46303000	PH0	60	145	20
46303001	PH1	80	185	35
46303002	PH2	100	215	90
46303003	PH3	150	275	146

4631



PH cross-head screwdrivers DRALL+
- long version
- for PHILLIPS® screws
- black tip
- 3-component handle with laser marking
- Chrome Alloy Steel, matt chrome-plated
- DIN ISO 8764

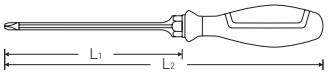


Product no.	Size	L_1 mm	L_2 mm	g
46313001	PH1	250	355	110
46313002	PH2	250	365	122

4632



PH cross-head screwdrivers DRALL+
- with hex shank profile
- for PHILLIPS® screws
- black tip
- 3-component handle with laser marking
- Chrome Alloy Steel, matt chrome-plated
- DIN ISO 8764

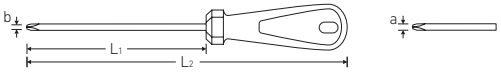


Product no.	Size	L_1 mm	L_2 mm	⬣ mm	g
46323301	PH1	80	185	6	45
46323302	PH2	100	215	10	100
46323303	PH3	150	275	13	170
46323304	PH4	200	325	13	237

4830



PH cross-head screwdrivers 3K DRALL®
- for PHILLIPS® screws
- black tip
- 3-component handle with non-slip fibre coating and hanging hole
- Chrome Alloy Steel, matt chrome-plated
- DIN 5262 / ISO 8764

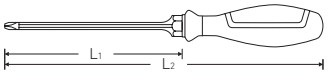


Product no.	Size	L_1 mm	L_2 mm	g
48301000	PH0	60	155	28
48301001	PH1	80	175	50
48301002	PH2	100	215	70
48301003	PH3	150	275	126
48301004	PH4	200	325	251

4632SK



PH cross-head screwdrivers DRALL+
- with impact cap
- with hex shank profile
- for PHILLIPS® screws
- black tip
- with 3-component handle
- Chrome Alloy Steel, matt chrome-plated
- DIN ISO 8764

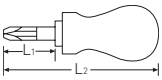


Product no.	Size	L_1 mm	L_2 mm	⬣ mm	g
46323201	PH1	85	190	6	58
46323202	PH2	100	215	10	120
46323203	PH3	150	275	13	194

4734



PH cross-head screwdrivers DRALL®
- short version
- for PHILLIPS® screws
- black tip
- Chrome Alloy Steel, matt chrome-plated
- DIN ISO 8764



Product no.	Size	L_1 mm	L_2 mm	g
47341001	PH1	25	80	27
47341002	PH2	25	80	31

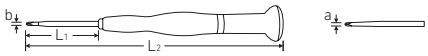
DRALL+
Our DRALL+ handle is non-slip and ergonomic. An extended grip zone protects the fingers and a hand stop prevents the tool from accidentally slipping or rolling away.

4752



Electronic PH cross-head screwdrivers

— for PHILLIPS® screws
— rotating cap with ergonomic recess
— narrow, practical, fast rotating handle
— with laser marking
— DIN ISO 2380



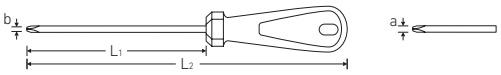
Product no.	Size	Ø mm	L_1 mm	L_2 mm	g
47523010	PH00	2.5	40	140	12
47523020	PH0	3	60	160	14
47523001	PH1	4.5	80	180	24

4840



PZ cross-head screwdrivers 3K DRALL®

— for POZIDRIV® screws
— black tip
— 3-component handle with non-slip fibre coating and hanging hole
— Chrome Alloy Steel, matt chrome-plated
— DIN 5262 / ISO 8764



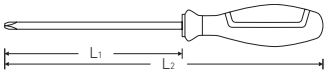
Product no.	Size	L_1 mm	L_2 mm	g
48401001	PZ1	80	175	33
48401002	PZ2	100	215	70

4640



PZ cross-head screwdrivers DRALL+

— for POZIDRIV® screws
— black tip
— 3-component handle with laser marking
— Chrome Alloy Steel, matt chrome-plated
— DIN ISO 8764



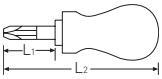
Product no.	Size	L_1 mm	L_2 mm	g
46403000	PZ0	60	145	35
46403001	PZ1	80	185	44
46403002	PZ2	100	215	89
46403003	PZ3	150	275	145

4744

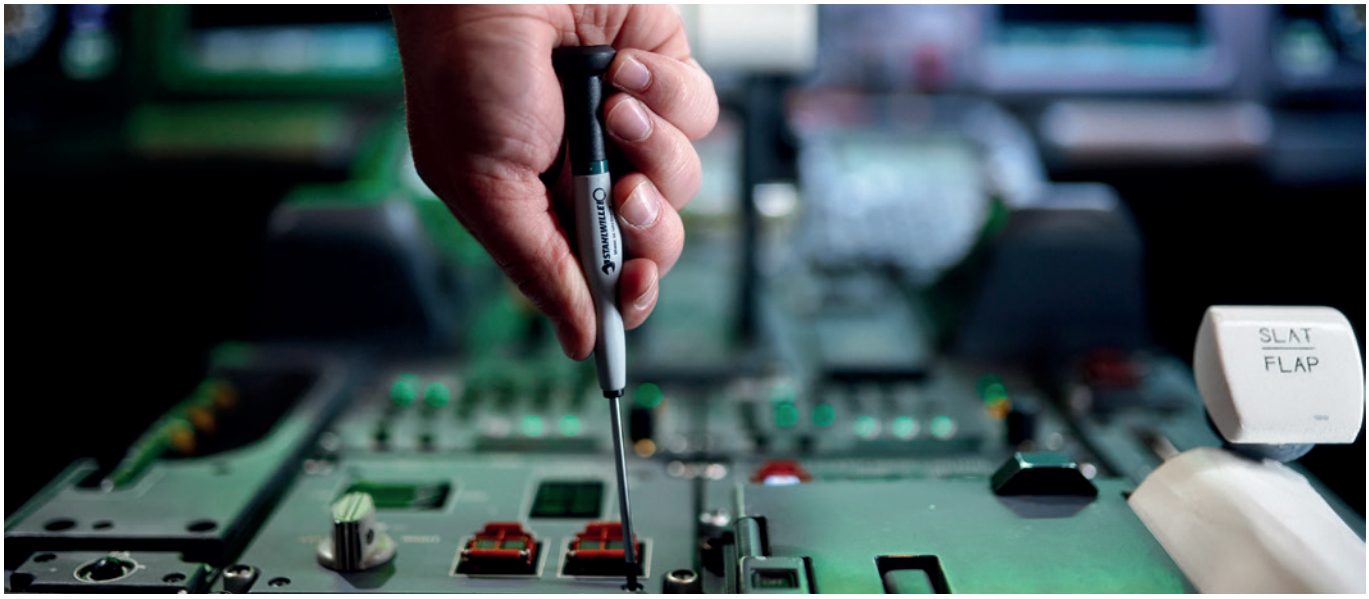


PZ cross-head screwdrivers DRALL®

— short version
— for POZIDRIV® screws
— black tip
— Chrome Alloy Steel, matt chrome-plated
— DIN ISO 8764



Product no.	Size	L_1 mm	L_2 mm	g
47441001	PZ1	25	80	28
47441002	PZ2	25	80	34

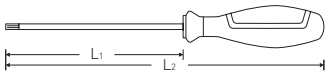


4650



TORX® screwdrivers DRALL+

— for recessed TORX® screws
— black tip
— 3-component handle with laser marking
— Chrome Alloy Steel, matt chrome-plated



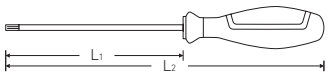
Product no.	Size	L_1 mm	L_2 mm	g
46503005	T5	60	145	30
46503006	T6	60	145	35
46503007	T7	60	145	35
46503008	T8	60	145	33
46503009	T9	60	145	35
46503010	T10	80	165	35
46503015	T15	80	165	38
46503020	T20	100	205	50
46503025	T25	100	205	50
46503027	T27	115	230	90
46503030	T30	115	230	90
46503040	T40	115	240	131
46503045	T45	130	255	136

4650L



TORX® screwdrivers DRALL+

— long version
— for recessed TORX® screws
— black tip
— 3-component handle with laser marking
— Chrome Alloy Steel, matt chrome-plated



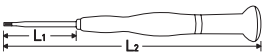
Product no.	Size	L_1 mm	L_2 mm	g
46503115	T15	250	335	45
46503120	T20	250	355	180
46503125	T25	250	355	180
46503130	T30	250	365	125

4754



Electronic TORX® screwdrivers

— for recessed TORX® screws
— rotating cap with ergonomic recess
— narrow, practical, fast rotating handle
— with laser marking



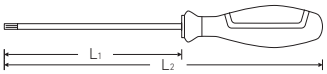
Product no.	Size	L_1 mm	L_2 mm	g
47540004	T4	50	150	17
47540005	T5	50	150	17
47540006	T6	50	150	17
47540007	T7	50	150	17
47540008	T8	60	160	19
47540009	T9	60	160	19
47540010	T10	60	160	22
47540015	T15	80	180	22

4656



TORX® Tamper Resistant screwdrivers DRALL+

— for recessed TORX® screws
— with hole in the drive tip (TORX® Tamper Resistant)
— black tip
— 3-component handle with laser marking
— Chrome Alloy Steel, matt chrome-plated



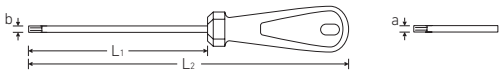
Product no.	Size	L_1 mm	L_2 mm	g
46563008	T8	60	145	35
46563009	T9	60	145	35
46563010	T10	80	165	39
46563015	T15	80	165	39
46563020	T20	100	205	42
46563025	T25	100	205	50
46563027	T27	115	230	90
46563030	T30	115	230	90
46563040	T40	115	240	120
46563045	T45	130	255	118

4856



TORX® Tamper Resistant screwdrivers 3K DRALL®

— for recessed TORX® screws
— with hollow tip (TORX® Tamper Resistant)
— black tip
— 3-component handle with non-slip fibre coating and hanging hole
— Chrome Alloy Steel, matt chrome-plated



Product no.	Size	L1 mm	L2 mm	g
48560006 *	T6	50	145	45
48560007	T7	50	145	37
48560008	T8	60	155	39
48560009	T9	60	155	50
48560010	T10	80	175	26
48560015	T15	80	175	52
48560020	T20	100	215	32
48560025	T25	100	215	55
48560027	T27	115	230	58
48560030	T30	115	230	63
48560040	T40	115	240	86

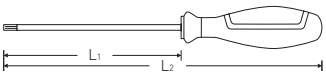
* without hole

4636



TORQ-SET® screwdrivers DRALL+

— for TORQ-SET® screws
— with hex shaft
— black tip
— 3-component handle with laser marking
— Chrome Alloy Steel, matt chrome-plated



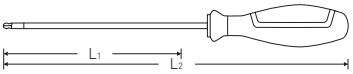
Product no.	Size	"	L1 mm	L2 mm	g
46363002	TQ2	1/4	100	215	92
46363004	TQ4	1/4	100	215	93
46363006	TQ6	1/4	100	215	93
46363008	TQ8	1/4	100	215	93
46363010	TQ10	1/4	100	215	93
46363016	TQ1/4"	5/16	150	265	138

10507N KK



Hex ball-ended screwdrivers DRALL+

— for hex socket screws
— pivoting angle of up to 25° to each side
— black tip
— 3-component handle with laser marking
— Chrome Alloy Steel, matt chrome-plated



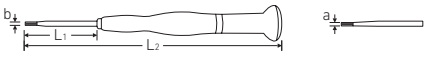
Product no.	mm	L1 mm	L2 mm	g
73103003	3	300	385	56
73103005	5	300	415	132

4753

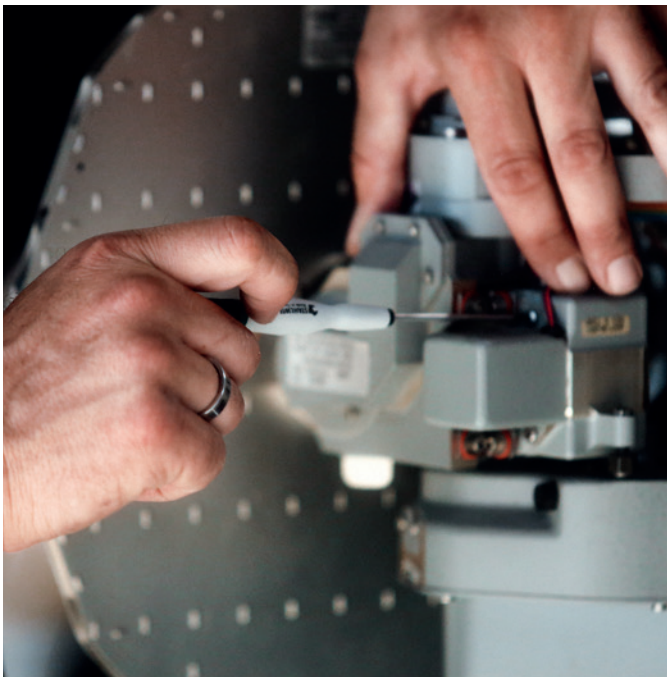


Electronic hex screwdrivers

— for hex socket screws
— rotating cap with ergonomic recess
— narrow, practical, fast rotating handle
— with laser marking



Product no.	mm	"	L1 mm	L2 mm	g
47533007	0.7	0,028	40	140	12
47533009	0.9	0,035	40	140	12
47533013	1.3	0.05	40	140	12
47533015	1.5	0,059	50	150	12

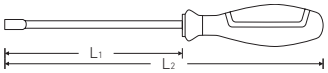


12500N



Nut spinners DRALL+

— hex profile
— 3-component handle with laser marking
— Chrome Alloy Steel, chrome-plated
— DIN 3125



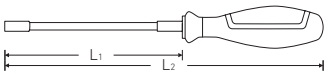
Product no.	mm	Ø mm	L_1 mm	L_2 mm	g
43093004	4	6.9	125	230	58
43093045	4.5	7.5	125	230	49
43093005	5	8.2	125	230	58
43093055	5.5	8.8	125	230	58
43093006	6	9.4	125	240	98
43093007	7	11	125	240	114
43093008	8	12.2	125	240	115
43093009	9	13.5	125	240	118
43093010	10	14.7	125	240	122
43093011	11	16	125	250	160
43093012	12	17.2	125	250	168
43093013	13	18.5	125	250	170

12506



Nut spinners DRALL+

— hex profile
— with flexible shaft
— max. torque 8 N·m
— 3-component handle with laser marking
— Chrome Alloy Steel, matt chrome-plated



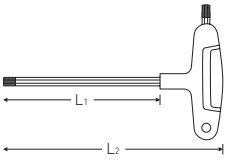
Product no.	mm	Ø mm	L_1 mm	L_2 mm	g
43103206	6	11	175	290	167
43103207	7	11	175	290	168
43103208	8	11	175	290	170

10768



Hex screwdrivers

— for hex socket screws
— with 2 outputs
— black tip
— with 2-component T-handle
— Chrome Alloy Steel, matt chrome-plated



Product no.	mm	L_1 mm	L_2 mm	g
43253020	2	100	125	33
43253025	2.5	100	125	42
43253030	3	150	174	42
43253040	4	150	176	50
43253050	5	200	227	73
43253060	6	200	228	92
43253080	8	200	235	178
43253100	10	200	235	247

MADE IN GERMANY

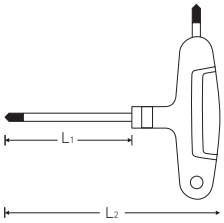
For more than 160 years, the STAHLWILLE brand has been synonymous with premium tools. From its foundation by Eduard Wille to the present day, our goal has always been the same: to manufacture tools that set the standard and that are 'Made in Germany'.

10769



TORX® screwdrivers

— for recessed TORX® screws
— with 2 outputs
— black tip
— with 2-component T-handle
— Chrome Alloy Steel, matt chrome-plated



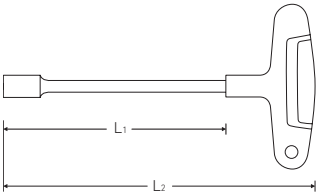
Product no.	Size	L_1 mm	L_2 mm	g
43293008	T8	80	96	12
43293009	T9	80	96	13
43293010	T10	100	116	14
43293015	T15	100	116	16
43293020	T20	100	125	36
43293025	T25	110	135	41
43293027	T27	110	135	49
43293030	T30	130	155	59
43293040	T40	130	165	102
43293045	T45	130	165	119
43293050	T50	130	165	137

12507



Nut spinners

— hex profile
— with 2-component T-handle
— Chrome Alloy Steel, matt chrome-plated

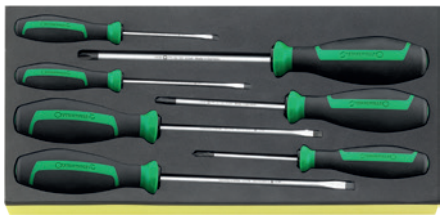


Product no.	mm	L_1 mm	L_2 mm	g
43233060	6	175	224	83
43233070	7	175	234	115
43233080	8	175	234	135
43233090	9	175	234	137
43233100	10	175	234	160
43233110	11	175	240	169
43233120	12	175	240	171
43233130	13	175	240	176



SCREWDRIVER SETS.

TCS 4620/4630/7



Screwdriver set DRALL+
— black tip
— 3-component handle with laser marking
— Chrome Alloy Steel, matt chrome-plated
— safely integrated in the modular Tool Control System (TCS)
Contains 7-pieces:
4 slotted screwdrivers **No. 4620**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96838278	350	175	40	1/3	7	590

TCS 4620-4734/8



Screwdriver set DRALL+
— black tip
— Chrome Alloy Steel, matt chrome-plated
— safely integrated in the modular Tool Control System (TCS)
Contains 8-pieces:
3 slotted screwdrivers **No. 4620**: 0.6 x 3.5 x 75; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150 mm
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
2 PH cross-head screwdrivers **No. 4630**: PH1; PH2
1 slotted screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 PH cross-head screwdriver **No. 4734**: PH2

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96838769	350	175	35	1/3	8	503

TCS 4620/4640



Screwdriver set DRALL+
— black tip
— 3-component handle with laser marking
— Chrome Alloy Steel, matt chrome-plated
— safely integrated in the modular Tool Control System (TCS)
Contains 7-pieces:
4 slotted screwdrivers **No. 4620**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150 mm
3 PZ cross-head screwdrivers **No. 4640**: PZ1; PZ2; PZ3

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96838784	350	175	35	1/3	7	410

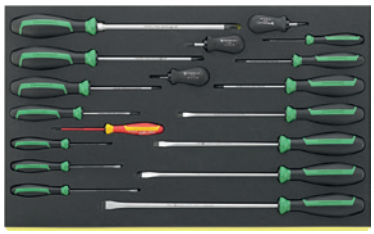
TCS 4620/4660 VDE/10767



Screwdriver set DRALL+
— Chrome Alloy Steel
— safely integrated in the modular Tool Control System (TCS)
Contains 27-pieces:
6 slotted screwdrivers **No. 4620**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 100; 1.2 x 6.5 x 150; 1.6 x 8.0 x 175; 1.6 x 10.0 x 200; 2.0 x 12.0 x 200 mm
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 PH cross-head screwdriver **No. 4632**: PH4
3 PZ cross-head screwdrivers **No. 4640**: PZ0; PZ1; PZ2
1 VDE slotted screwdriver **No. 4660 VDE**: 0.4 x 2.5 x 75 mm
1 slotted screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 PH cross-head screwdriver **No. 4734**: PH2
1 PZ cross-head screwdriver **No. 4744**: PZ1
1 hex L-Key set **No. 10767/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96831168	350	530	90	3/3	27	2200

TCS 4620/4660 VDE



Screwdriver set DRALL+
— black tip
— 3-component handle with laser marking
— Chrome Alloy Steel, matt chrome-plated
— safely integrated in the modular Tool Control System (TCS)

Contains 18-pieces:
6 slotted screwdrivers **No. 4620**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 100; 1.2 x 6.5 x 150; 1.6 x 8.0 x 175; 1.6 x 10.0 x 200; 2.0 x 12.0 x 200 mm
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 PH cross-head screwdriver **No. 4632**: PH4
3 PZ cross-head screwdrivers **No. 4640**: PZ0; PZ1; PZ2
1 VDE slotted screwdriver **No. 4660 VDE**: 0.4 x 2.5 x 75 mm
1 slotted screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 PH cross-head screwdriver **No. 4734**: PH2
1 PZ cross-head screwdriver **No. 4744**: PZ1

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96831179	350	530	90	3/3	18	1689

TCS 4621/4734/16



Screwdriver set DRALL+
— safely integrated in the modular Tool Control System (TCS)

Contains 16-pieces:
5 slotted screwdrivers **No. 4621**: 0.4 x 2.5 x 80; 0.5 x 3.5 x 90; 0.6 x 4.0 x 100; 1.0 x 6.5 x 140; 1.2 x 8.0 x 160 mm
2 PH cross-head screwdrivers **No. 4631**; PH1; PH2
3 PH cross-head screwdrivers **No. 4632**: PH1; PH2; PH3
1 slotted screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 PH cross-head screwdriver **No. 4734**: PH2
1 slotted screwdriver **No. 10506**: 0.8 x 4.0 x 300 mm
1 slotted screwdriver **No. 10518**: 1.0 x 5.5 x 410 mm
1 magnet lifter **No. 12600**: 500 g
1 claw gripper **No. 12922**: Ø 6 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96832098	350	530	40	3/3	16	1490

TCS 4622-4632/4650/10760/10766/20

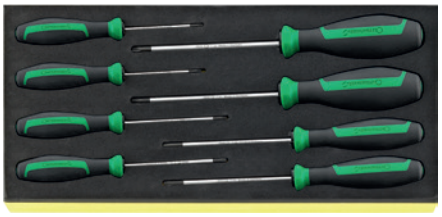


Screwdriver set DRALL+
— Chrome Alloy Steel
— safely integrated in the modular Tool Control System (TCS)

Contains 35-pieces:
4 slotted screwdrivers **No. 4622**: 1.0 x 5.5 x 100; 1.2 x 6.5 x 125; 1.6 x 10.0 x 175; 2.0 x 12.0 x 200 mm
1 PH cross-head screwdriver **No. 4630**: PH1
1 PH cross-head screwdriver **No. 4632**: PH3
10 TORX® screwdrivers **No. 4650**: T6; T7; T8; T9; T10; T15; T20; T25; T27; T30
1 slotted screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 PH cross-head screwdriver **No. 4734**: PH2
1 hex L-Key set **No. 10760/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 TORX® L-Key set **No. 10766/8**: T9; T10; T15; T20; T25; T27; T30; T40

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96831196	350	530	90	3/3	35	1895

TCS 4650



TORX® screwdriver set DRALL+
— for recessed TORX® screws
— black tip
— 3-component handle with laser marking
— Chrome Alloy Steel, matt chrome-plated
— safely integrated in the modular Tool Control System (TCS)

Contains 8-pieces:
8 TORX® screwdrivers **No. 4650**: T8; T9; T10; T15; T20; T25; T27; T30

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96838767	350	175	35	1/3	8	340

TCS 4820/4830



Screwdriver set 3K DRALL®
— black tip
— 3-component handle with non-slip fibre coating and hanging hole
— Chrome Alloy Steel, matt chrome-plated
— safely integrated in the modular Tool Control System (TCS)

Contains 7-pieces:
4 slotted screwdrivers **No. 4820**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150 mm
3 PH cross-head screwdrivers **No. 4830**: PH1; PH2; PH3

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96838184	350	175	90	1/3	7	555

TCS 12500N/5



Nut spinner set DRALL+
— hex profile
— 3-component handle with laser marking
— Chrome Alloy Steel, chrome-plated
— DIN 3125
— safely integrated in the modular Tool Control System (TCS)

Contains 5-pieces:
5 nut spinners **No. 12500N**: 7; 8; 10; 12; 13 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96838757	350	175	45	1/3	5	730

TCS 4724/4840/10767

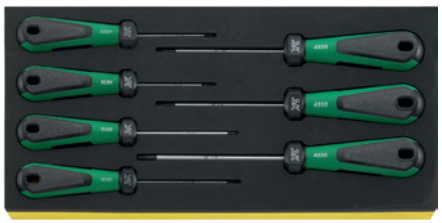


Screwdriver set
— safely integrated in the modular Tool Control System (TCS)

Contains 24-pieces:
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
1 slotted screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 PH cross-head screwdriver **No. 4734**: PH2
1 PZ cross-head screwdriver **No. 4744**: PZ1
5 slotted screwdrivers **No. 4820**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 100; 1.2 x 6.5 x 150; 1.6 x 10.0 x 200; 2.0 x 12.0 x 250 mm
3 PH cross-head screwdrivers **No. 4830**: PH1; PH2; PH3
1 PZ cross-head screwdriver **No. 4840**: PZ1
1 automotive voltage tester **No. 7756**
1 hex L-Key set **No. 10767/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 claw gripper **No. 12922**: Ø 6 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96830706	350	530	35	3/3	24	1755

TCS 4856



TORX® screwdriver set 3K DRALL®
— for recessed TORX® screws
— with hollow tip (TORX® Tamper Resistant)
— black tip
— 3-component handle with non-slip fibre coating and hanging hole
— Chrome Alloy Steel, matt chrome-plated
— safely integrated in the modular Tool Control System (TCS)

Contains 7-pieces:
7 TORX® screwdrivers with hole **No. 4856**: T8; T9; T10; T15; T20; T25; T30

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96838755	350	175	40	1/3	7	447

TCS 10768/6



Hex screwdriver set
— for hex socket screws
— with 2 outputs
— black tip
— with 2-component T-handle
— Chrome Alloy Steel, matt chrome-plated
— safely integrated in the modular Tool Control System (TCS)
Contains 6-pieces:
6 hex screwdrivers **No. 10768**: 3; 4; 5; 6; 8; 10 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96838753	350	350	40	2/3	6	792

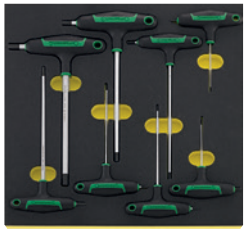
TCS 10769/10771/10



TORX® screwdriver set
— for recessed TORX® screws
— with 2-component T-handle
— Chrome Alloy Steel
— safely integrated in the modular Tool Control System (TCS)
Contains 17-pieces:
9 TORX® screwdrivers with T-handle **No. 10769**: T9; T10; T15; T20; T25; T30; T40; T45; T50
1 TORX® L-Key set **No. 10771/8**: T9; T10; T15; T20; T25; T27; T30; T40

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96832099	350	350	30	2/3	17	940

TCS 10768/8



Hex screwdriver set
— for hex socket screws
— with two outputs
— black tip
— with 2-component T-handle
— Chrome Alloy Steel, matt chrome-plated
— safely integrated in the modular Tool Control System (TCS)
Contains 8-pieces:
8 hex screwdrivers **No. 10768**: 2; 2.5; 3; 4; 5; 6; 8; 10 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96838786	350	350	40	2/3	8	800

TCS 12507/5



Nut spinner set
— hex profile
— with 2-component T-handle
— Chrome Alloy Steel, matt chrome-plated
— safely integrated in the modular Tool Control System (TCS)
Contains 5-pieces:
5 nut spinners **No. 12507**: 7; 8; 10; 12; 13 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96838761	350	350	65	2/3	5	792

Tool Control System
The intelligent modular inlay system protects and organises the tools in tool boxes, workshop trolleys and workshop benches. Two-colour foam inlays make checking the completeness of the tools quick and easy.

4691/7



Screwdriver set DRALL+
— black tip
— 3-component handle with laser marking
— Chrome Alloy Steel, matt chrome-plated
Contains 7-pieces:
4 slotted screwdrivers **No. 4620**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150 mm
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
2 PH cross-head screwdrivers **No. 4630**: PH1; PH2

Product no.	Content pcs.	g
96469115	7	580

4693/9



Screwdriver set DRALL+
— black tip
— Chrome Alloy Steel, matt chrome-plated
Contains 9-pieces:
4 slotted screwdrivers **No. 4622**: 1.0 x 5.5 x 100; 1.2 x 6.5 x 125; 1.2 x 8.0 x 150; 1.6 x 10.0 x 175 mm
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
2 PH cross-head screwdrivers **No. 4632**: PH1; PH2
1 slotted screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 PH cross-head screwdriver **No. 4734**: PH2

Product no.	Content pcs.	g
96469316	9	1020

4692/8



Screwdriver set DRALL+
— black tip
— 3-component handle with laser marking
— Chrome Alloy Steel, matt chrome-plated
Contains 8-pieces:
5 slotted screwdrivers **No. 4620**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150; 1.6 x 8.0 x 175 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3

Product no.	Content pcs.	g
96469215	8	840

4696SK/6



Screwdriver set DRALL+
— with impact cap
— with hex shank profile
— black tip
— with 3-component handle
— Chrome Alloy Steel, matt chrome-plated
Contains 6-pieces:
4 slotted screwdrivers with impact cap **No. 4622SK**: 0.8 x 4.0 x 90; 1.0 x 5.5 x 100; 1.2 x 6.5 x 125; 1.2 x 8.0 x 150 mm
2 PH cross-head screwdrivers with impact cap **No. 4632SK**: PH1; PH2

Product no.	Content pcs.	g
96469625	6	870

4694/9



TORX® screwdriver set DRALL+
— for recessed TORX® screws
— black tip
— 3-component handle with laser marking
— Chrome Alloy Steel, matt chrome-plated
Contains 9-pieces:
9 TORX® screwdrivers **No. 4650**: T8; T9; T10; T15; T20; T25; T27; T30; T40

Product no.	Content pcs.	g
96469415	9	730

4699/9



TORX® screwdriver set DRALL+
— for recessed TORX® screws
— with hollow tip (TORX® Tamper Resistant)
— black tip
— 3-component handle with laser marking
— Chrome Alloy Steel, matt chrome-plated
Contains 9-pieces:
9 TORX® screwdrivers with hollow tip **No. 4656**: T8; T9; T10; T15; T20; T25; T27; T30; T40

Product no.	Content pcs.	g
96469915	9	740

4891



Screwdriver set 3K DRALL®
— black tip
— 3-component handle with non-slip fibre coating and hanging hole
— Chrome Alloy Steel, matt chrome-plated
Contains 6-pieces:
4 slotted screwdrivers **No. 4820**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150 mm
2 PHILLIPS® screwdrivers **No. 4830**: PH1; PH2

Product no.	Content pcs.	g
96489110	6	530



TOOLS THAT
... inspire

4892



Screwdriver set 3K DRALL®
— black tip
— 3-component handle with non-slip fibre coating and hanging hole
— Chrome Alloy Steel, matt chrome-plated
Contains 8-pieces:
5 slotted screwdrivers **No. 4820**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150; 1.6 x 8.0 x 175 mm
3 PH cross-head screwdrivers **No. 4830**: PH1; PH2; PH3

Product no.	Content pcs.	g
96489210	8	745

4899



TORX® screwdriver set 3K DRALL®
— for recessed TORX® screws
— with hollow tip (TORX® Tamper Resistant)
— black tip
— 3-component handle with non-slip fibre coating and hanging hole
— Chrome Alloy Steel, matt chrome-plated
Contains 9-pieces:
9 TORX® screwdrivers with hole **No. 4856**: T8; T9; T10; T15; T20; T25; T27; T30; T40

Product no.	Content pcs.	g
96489910	9	513

4797



Electronic screwdriver set
— rotating cap with ergonomic recess
— narrow, practical, fast rotating handle
— with laser marking
— in roll-up tool pouch with hook-and-loop fastener made of polyester
— a compact storage solution to keep your tools safe
— embroidered STAHLWILLE logo
Contains 7-pieces:
4 electronic slotted screwdrivers **No. 4751**: 0.3 x 1.5 x 40; 0.4 x 2.0 x 60; 0.4 x 2.5 x 75; 0.5 x 3.0 x 75 mm
3 electronic PH cross-head screwdrivers **No. 4752**: PH00; PH0; PH1

Product no.	Content pcs.	g
96479715	7	234

4754/7



Electronic TORX® screwdriver set
— for recessed TORX® screws
— rotating cap with ergonomic recess
— narrow, practical, fast rotating handle
— with laser marking
— in roll-up tool pouch with hook-and-loop fastener closure made of polyester
— a compact storage solution to keep your tools safe
— embroidered STAHLWILLE logo
Contains 7-pieces:
7 electronic TORX® screwdrivers **No. 4754**: T4; T5; T6; T7; T8; T9; T10

Product no.	Content pcs.	g
96479716	7	262

4798



Reversible screwdriver set
— in roll-up tool pouch with hook-and-loop fastener made of polyester
— a compact storage solution to keep your tools safe
— embroidered STAHLWILLE logo

Contains 12-pieces:
1 reversible handle (3-component)
2 reversible slotted blades: 0.6 x 3.5; 0.8 x 4.0; 1.0 x 5.5; 1.2 x 6.5 mm
1 reversible PH cross-head blade: PH1; PH2
1 reversible PZ cross-head blade: PZ1; PZ2
2 reversible hex blades: 3; 4; 5; 6 mm
2 reversible hex blades: 3; 4; 5; 6 mm (ball-ended)
3 reversible TORX® blades: T10; T15; T20; T25; T30; T40

Product no.	Content pcs.	g
96479803	12	745

TCS 4620/4640/4734/10554/8



Screwdriver set
— safely integrated in the modular Tool Control System (TCS)

Contains 8-pieces:
1 slotted screwdriver **No. 4620**: 1.0 x 5.5 x 125 mm
4 PZ cross-head screwdrivers **No. 4640**: PZ0; PZ1; PZ2; PZ3
2 PH cross-head screwdrivers **No. 4734**: PH1; PH2
1 voltage tester **No. 10554**: 125-250 V

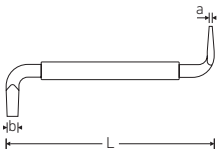
Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96830275	350	175	40	1/3	8	678

L-KEYS.

10546



Slotted offset screwdrivers
— for slotted screws
— Chrome Alloy Steel, nickel-plated
— Made in Germany
— DIN 5200

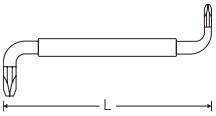


Product no.	Size	L mm	a mm	b mm	g
73273001	1	90	0.6	3.5	9
73273002	2	100	0.8	4	12
73273003	3	125	1	5.5	29
73273004	4	150	1.2	8	69

10551



PH cross-head offset screwdrivers
— for PHILLIPS® screws
— Chrome Alloy Steel, nickel-plated
— Made in Germany
— DIN 5208

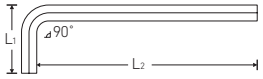


Product no.	Size	L mm	g
73282001	PH1; PH2	100	29
73282002	PH3; PH4	150	73

10759



HI-LOK™ L-Keys
— for **metric** hex socket screws
— with hex tip for ratchet No. 415SGH N
— with round shaft for locking the retaining ball

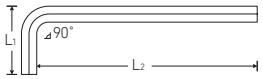


Product no.	Size	mm	L_1 mm	L_2 mm	g
43062002	1	2	50	100	5
43064002	2	2	100	100	8

10759a



HI-LOK™ L-Keys
— for **inch** hex socket screws
— with hex tip for ratchet No. 415SGH N
— with round shaft for locking the retaining ball

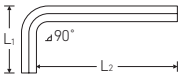


Product no.	Size	"	L_1 mm	L_2 mm	g
43560004	1	1/16	50	50	5
43560005	1	5/64	50	50	5
43560006	1	3/32	50	50	5
43564004	2	1/16	50	100	8
43564005	2	5/64	50	100	8
43564006	2	3/32	50	100	8

10760



Hex L-Keys
— for **metric** hex socket screws
— Chrome Alloy Steel, nickel-plated (0.9 mm gunmetal finish)
— DIN ISO 2936



Product no.	mm	L_1 mm	L_2 mm	g
43153090	0,9	11	33	5
43153130	1,3	13	41	7
43153150	1,5	15,5	46,5	1
43153002	2	18	52	2
43153250	2,5	20,5	58,5	4
43153003	3	23	66	5
43153004	4	29	74	10
43153005	5	33	85	18
43153006	6	38	96	30
43153007	7	41	102	43
43153008	8	44	108	59
43153010	10	50	122	103
43153012	12	57	137	169
43153014	14	70	154	261
43153017	17	80	177	442
43153019	19	89	199	603
43153022	22	102	222	895
43153024	24	114	248	1220
43153027	27	127	277	1692

10760/8

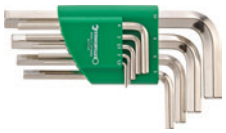


Hex L-Key set
— for **metric** hex socket screws
— Chrome Alloy Steel, nickel-plated
— DIN ISO 2936
— sturdy polyester textile case with hook-and-loop fastener
— a compact storage solution to keep your tools safe
— embroidered STAHLWILLE logo

Contains 8-pieces:
8 hex L-Keys **No. 10760**: 3; 4; 5; 6; 8; 10; 12; 14 mm

Product no.	Content pcs.	g
96435505	8	708

10760/9



Hex L-Key set
— for **metric** hex socket screws
— Chrome Alloy Steel, nickel-plated
— DIN ISO 2936
— in a labelled plastic holder for quicker identification

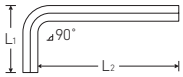
Contains 9-pieces:
9 hex L-Keys **No. 10760**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

Product no.	Content pcs.	g
96431500	9	244

10760a



Hex L-Keys
— for **inch** hex socket screws
— Chrome Alloy Steel, nickel-plated



Product no.	"	L_1 mm	L_2 mm	g
43553003	3/64	13	41	1
43553004	1/16	16	47	1
43553005	5/64	18	52	2
43553006	3/32	20	58	3
43553008	1/8	23	66	5
43553009	9/64	26	72	7
43553010	5/32	29	74	10
43553012	3/16	33	85	15
43553014	7/32	36	91	23
43553016	1/4	38	96	32
43553020	5/16	44	108	59
43553024	3/8	50	122	75
43553032	1/2	63	145	201
43553036	5/8	76	176	380

10760a/8



Hex L-Key set
— for **inch** hex socket screws
— Chrome Alloy Steel, nickel-plated
— sturdy polyester textile case with hook-and-loop fastener
— a compact storage solution to keep your tools safe
— embroidered STAHLWILLE logo

Contains 8-pieces:
8 hex L-Keys **No. 10760a**: 3/32; 1/8; 5/32; 3/16; 7/32; 1/4; 3/8"

Product no.	Content pcs.	g
96435506	8	300

10760a/9



Hex L-Key set
— for **inch** hex socket screws
— Chrome Alloy Steel, nickel-plated
— in a labelled plastic holder for quicker identification

Contains 9-pieces:
9 hex L-Keys **No.10760a**: 1/16; 5/64; 3/32; 1/8; 5/32, 3/16; 1/4; 5/16; 3/8"

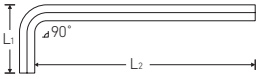
Product no.	Content pcs.	g
96435500	9	234



10765

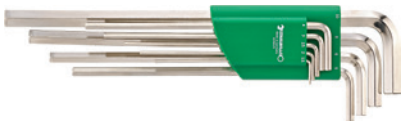


Hex L-Keys
— extra long design
— for **metric** hex socket screws
— Chrome Alloy Steel, nickel-plated
— DIN ISO 2936



Product no.	mm	L_1 mm	L_2 mm	g
43213015	1.5	15.5	91.5	3
43213002	2	18	102	3
43213025	2.5	20.5	114.5	5
43213003	3	23	129	9
43213004	4	29	144	20
43213005	5	33	165	31
43213006	6	38	186	50
43213007	7	41	197	74
43213008	8	44	208	100
43213010	10	50	234	179
43213012	12	57	262	287
43213014	14	70	294	440
43213017	17	80	337	742
43213019	19	89	379	1048

10765/9



Hex L-Key set
— extra long design
— for **metric** hex socket screws
— Chrome Alloy Steel, nickel-plated
— DIN ISO 2936
— in a labelled plastic holder for quicker identification

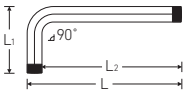
Contains 9-pieces:
9 hex L-Keys **No. 10765**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

Product no.	Content pcs.	g
96432100	9	120

10766



TORX® L-Keys
— for recessed TORX® screws
— Chrome Alloy Steel, nickel-plated



Product no.	Size	L_1 mm	L_2 mm	g
43223009	T9	19	59	3
43223010	T10	20	65	3
43223015	T15	20.5	75.5	5
43223020	T20	22	87	7
43223025	T25	22.5	94.5	9
43223027	T27	25.5	105.5	15
43223030	T30	30	76	20
43223040	T40	33	119	29

10766/8



TORX® L-Key set
— for recessed TORX® screws
— Chrome Alloy Steel, nickel-plated
— in a labelled plastic holder for quicker identification

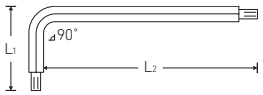
Contains 8-pieces:
8 TORX® L-Keys **No. 10766**: T9; T10; T15; T20; T25; T27; T30; T40

Product no.	Content pcs.	g
96432200	8	146

10771



TORX® ball-ended L-Keys
— for recessed TORX® screws
— ball-ended at the long end of the shaft
— pivoting angle of up to 25° to each side
— Chrome Alloy Steel, nickel-plated



Product no.	Size	L_1 mm	L_2 mm	g
43273009	T9	19	67	4
43273010	T10	20	76	10
43273015	T15	20.5	86.5	10
43273020	T20	22	98	20
43273025	T25	22.5	100.5	24
43273027	T27	22.5	111.5	28
43273030	T30	30	125	30
43273040	T40	33	139	35

10771/8



TORX® ball-ended L-Key set
— for recessed TORX® screws
— ball-ended at the long end of the shaft
— pivoting angle of up to 25° to each side
— Chrome Alloy Steel, nickel-plated
— in a labelled plastic holder for quicker identification

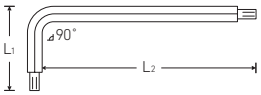
Contains 8-pieces:
8 TORX® L-Keys **No. 10771:** T9; T10; T15; T20; T25; T27; T30; T40

Product no.	Content pcs.	g
96432700	8	278

10767



Hex ball-ended L-Keys
— for **metric** hex socket screws
— ball-ended at the long end of the shaft
— pivoting angle of up to 25° to each side
— Chrome Alloy Steel, nickel-plated

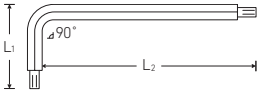


Product no.	mm	L_1 mm	L_2 mm	g
43263130	1.3	13	81	1
43263015	1.5	15.5	91.5	2
43263002	2	18	102	3
43263025	2.5	20.5	114.5	5
43263003	3	23	129	8
43263004	4	29	144	17
43263005	5	33	165	30
43263006	6	38	186	50
43263008	8	44	208	99
43263010	10	50	234	175
43263012	12	57	262	280

10767a



Hex ball-ended L-Keys
— for **inch** hex socket screws
— ball-ended at the long end of the shaft
— pivoting angle of up to 25° to each side
— Chrome Alloy Steel, nickel-plated

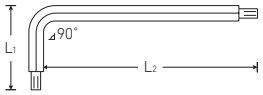


Product no.	"	L_1 mm	L_2 mm	g
43573004	1/16	16	92	2
43573005	5/64	18	102	4
43573006	3/32	20	114	5
43573007	7/64	23	129	8
43573008	1/8	23	129	10
43573009	9/64	26	140	13
43573010	5/32	29	144	17
43573012	3/16	33	165	26
43573014	7/32	36	176	39
43573016	1/4	38	186	60
43573020	5/16	44	208	100
43573024	3/8	50	234	157

10767H



Hex ball-ended L-Keys
— for **metric** hex socket screws
— ball-ended and retaining ring on the long end of the shaft
— pivoting angle of up to 25° to each side
— to work quickly and safely even in hard-to-reach places
— attached screws are held reliably in place
— Chrome Alloy Steel, nickel-plated



Product no.	mm	L_1 mm	L_2 mm	g
46233003	3	23	129	8
46233004	4	29	144	17
46233005	5	33	165	30
46233006	6	38	186	50
46233008	8	44	208	100
46233010	10	50	234	175

10767H/9



Hex ball-ended L-Key set
— for **metric** hex socket screws
— ball-ended and retaining ring on the long end of the shaft
— pivoting angle of up to 25° to each side
— to work quickly and safely even in hard-to-reach places
— attached screws are held reliably in place
— Chrome Alloy Steel, nickel-plated
— in a labelled plastic holder for quicker identification

Contains 9-pieces:
9 hex L-Keys **No. 10767H**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

Product no.	Content pcs.	g
96432603	9	290

10767/9



Hex ball-ended L-Key set
— for **metric** hex socket screws
— ball-ended on the long end of the shaft
— pivoting angle of up to 25° to each side
— to work quickly and safely even in hard-to-reach places
— attached screws are held reliably in place
— Chrome Alloy Steel, nickel-plated
— in a labelled plastic holder for quicker identification

Contains 9-pieces:
9 hex L-Keys **No. 10767**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

Product no.	Content pcs.	g
96432600	9	401

10767a/13



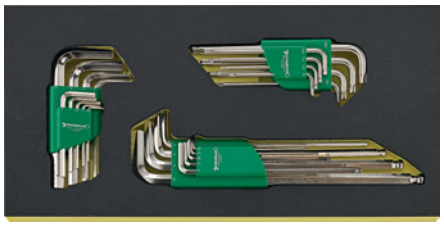
Hex ball-ended L-Key set
— for **inch** hex socket screws
— ball-ended on the long end of the shaft
— pivoting angle of up to 25° to each side
— to work quickly and safely even in hard-to-reach places
— attached screws are held reliably in place
— Chrome Alloy Steel, nickel-plated
— in a labelled plastic holder for quicker identification

Contains 13-pieces:
13 hex L-Keys **No. 10767a**: 0.05; $^{1}/_{16}$; $^{5}/_{64}$; $^{3}/_{32}$; $^{7}/_{64}$; $^{1}/_{8}$; $^{9}/_{64}$; $^{5}/_{32}$; $^{3}/_{16}$; $^{7}/_{32}$; $^{1}/_{4}$; $^{5}/_{16}$; $^{3}/_{8}$"

Product no.	Content pcs.	g
96435700	13	280

L-KEY SETS IN TCS.

TCS 10760-10771/26



L-Key set
— safely integrated in the modular Tool Control System (TCS)
Contains 26-pieces:
1 hex L-Key set **No. 10760/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 hex ball-ended L-Key set **No. 10767/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 TORX® L-Key set **No. 10771/8**: T9; T10; T15; T20; T25; T27; T30; T40

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96838788	350	175	35	1/3	26	1000

TCS 1202/4000/10766/39



L-Key bit set
— safely integrated in the modular Tool Control System (TCS)
Contains 39-pieces:
1 bit box **No. 1202**: 1 bit holder | SL0.6 x 3.5; 0.8 x 4.0; 1.0 x 5.5; 1.2 x 6.5 mm | PH1;2; 3 |PZ1;2; 3 | T15;20;25;30 | T BO20;25;30 | INHEX 4;5;6 mm | 21-pcs.
1 bit holder ¼" **No. 4000**: L. 190 mm
1 TORX® L-Key set **No. 10766/8**: T9; T10; T15; T20; T25; T27; T30; T40
1 hex ball-ended L-Key set **No. 10767/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96838768	350	175	45	1/3	39	863



BIT TOOLS.

PH 1220-1223 PH 1231-1234



Screwdriver bits
— for PHILLIPS® screws
— external hex DIN 3126 / ISO 1173
— DIN ISO 2351-2 / ISO 8764

Product no.	Model	Size	⬢ mm	⬢ "	L mm	g
08010000	PH 1220	PH0	C 6.3	1/4	25	5
08010001	PH 1221	PH1	C 6.3	1/4	25	5
08010002	PH 1222	PH2	C 6.3	1/4	25	5
08010003	PH 1223	PH3	C 6.3	1/4	25	5
08030001	PH 1231	PH1	C 8	5/16	32	9
08030002	PH 1232	PH2	C 8	5/16	32	10
08030003	PH 1233	PH3	C 8	5/16	32	10
08030004	PH 1234	PH4	C 8	5/16	32	12

PZ 1221-1223



Screwdriver bits
— for POZIDRIV® screws
— external hex DIN 3126 / ISO 1173
— ISO 8764

Product no.	Model	Size	⬢ mm	⬢ "	L mm	g
08050001	PZ 1221	PZ1	C 6.3	1/4	25	5
08050002	PZ 1222	PZ2	C 6.3	1/4	25	5
08050003	PZ 1223	PZ3	C 6.3	1/4	25	5

1160-1169



Screwdriver bits
— for slotted screws
— external hex DIN 3126 / ISO 1173
— DIN ISO 2351-1 / ISO 2380-1

Product no.	Model	a x b mm	⬢ mm	⬢ "	L mm	g
08070120	1160	0.5 x 3,0	C 6.3	1/4	25	4
08070121	1161	0.5 x 4,0	C 6.3	1/4	25	4
08070122	1162	0.6 x 3,5	C 6.3	1/4	25	4
08070123	1163	0.6 x 4,5	C 6.3	1/4	25	4
08070124	1164	0.8 x 4,0	C 6.3	1/4	25	4
08070125	1165	0.8 x 5,5	C 6.3	1/4	25	6
08070126	1166	1.0 x 5,5	C 6.3	1/4	25	4
08070130	1166/1	1.2 x 6,5	C 6.3	1/4	25	6
08070127	1167	1.2 x 8,0	C 6.3	1/4	25	6
08070128	1168	1.6 x 8,0	C 6.3	1/4	25	6
08070129	1169	1.6 x 10,0	C 6.3	1/4	25	14

1350-1360



Screwdriver bits
— for internal tri-square screws XZN®
— external hex DIN 3126 / ISO 1173
— DIN 2325 (M4, M5, M6)

Product no.	Model	Size	⬢ mm	⬢ "	L mm	g
08200004	1350	M4	C 6.3	1/4	25	4
08200010	1356	M5	C 6.3	1/4	25	5
08200011	1357	M6	C 6.3	1/4	25	5
08200012	1358	M8	C 8	5/16	28	10
08200013	1359	M10	C 8	5/16	38	15
08200014	1360	M12	C 8	5/16	38	20

1410-1421 1430-1435



Screwdriver bits
— for recessed TORX® screws
— external hex DIN 3126 / ISO 1173

Product no.	Model	Size	⬢ mm	⬢ "	L mm	g
08130006	1410	T6	C 6.3	1/4	25	5
08130007	1411	T7	C 6.3	1/4	25	5
08130008	1412	T8	C 6.3	1/4	25	5
08130009	1413	T9	C 6.3	1/4	25	5
08130010	1414	T10	C 6.3	1/4	25	5
08130015	1415	T15	C 6.3	1/4	25	5
08130020	1416	T20	C 6.3	1/4	25	5
08130025	1417	T25	C 6.3	1/4	25	6
08130027	1418	T27	C 6.3	1/4	25	6
08130030	1419	T30	C 6.3	1/4	25	6
08130040	1420	T40	C 6.3	1/4	25	7
08130045	1421	T45	C 6.3	1/4	25	8
08140027	1430	T27	C 8	5/16	35	11
08140030	1431	T30	C 8	5/16	35	11
08140040	1432	T40	C 8	5/16	35	12
08140045	1433	T45	C 8	5/16	35	14
08140050	1434	T50	C 8	5/16	35	15
08140055	1435	T55	C 8	5/16	35	20

1440-1446



Screwdriver bits
— with hollow tip (TORX® Tamper Resistant)
— for recessed TORX® screws
— hex head DIN 3126 / ISO 1173

Product no.	Model	Size	⬢ mm	⬢ "	L mm	g
08160010	1440	T10	C 6.3	1/4	26	6
08160015	1441	T15	C 6.3	1/4	26	6
08160020	1442	T20	C 6.3	1/4	26	6
08160025	1443	T25	C 6.3	1/4	26	6
08160027	1444	T27	C 6.3	1/4	26	6
08160030	1445	T30	C 6.3	1/4	26	6
08160040	1446	T40	C 6.3	1/4	26	7

1427



Screwdriver bit
— for recessed TORX® screws
— external hex DIN 3126 / ISO 1173

Product no.	Model	Size	⬢ mm	⬢ "	L mm	g
08131025	1427	T25	C 6.3	1/4	65	18

1440 IP-1446 IP



Screwdriver bits
— for recessed TORX PLUS® screws
— external hex DIN 3126 / ISO 1173

Product no.	Model	Size	⬢ mm	⬢ "	L mm	g
08162010	1440 IP	10IP	C 6.3	1/4	25	4
08162015	1441 IP	15IP	C 6.3	1/4	25	5
08162020	1442 IP	20IP	C 6.3	1/4	25	5
08162025	1443 IP	25IP	C 6.3	1/4	25	5
08162027	1444 IP	27IP	C 6.3	1/4	25	5
08162030	1445 IP	30IP	C 6.3	1/4	25	6
08162040	1446 IP	40IP	C 6.3	1/4	25	6

1440 TPI-1446 TPI



5-star screwdriver bits
— with hollow tip
— for recessed 5-star screws with centre pins
— external hex DIN 3126 / ISO 1173

Product no.	Model	Size	⬢ mm	⬢ "	L mm	g
08161010	1440 TPI	TPI10	C 6.3	1/4	26	6
08161015	1441 TPI	TPI15	C 6.3	1/4	26	5
08161020	1442 TPI	TPI20	C 6.3	1/4	26	5
08161025	1443 TPI	TPI25	C 6.3	1/4	26	5
08161027	1444 TPI	TPI27	C 6.3	1/4	26	5
08161030	1445 TPI	TPI30	C 6.3	1/4	26	5
08161040	1446 TPI	TPI40	C 6.3	1/4	26	7

1300-1304



Screwdriver bits
— for hex socket screws
— external hex DIN 3126 / ISO 1173
— DIN ISO 2351-3 / ISO 2936

Product no.	Model	Size	⬢ mm	⬢ "	L mm	g
08090003	1300	3 mm	C 6.3	1/4	25	4
08090004	1301	4 mm	C 6.3	1/4	25	5
08090005	1302	5 mm	C 6.3	1/4	25	6
08090006	1303	6 mm	C 6.3	1/4	25	6
08090008	1304	8 mm	C 6.3	1/4	30	11

1299



Screwdriver bit
— for hex socket screws
— to operate the adjustment screws on torque wrenches No. 720, 721, 721 Quick, 730, 730 Quick, 730N, 730 Fix
— external hex DIN 3126/ISO 1173

Product no.	Size mm	⬢ mm	⬢ "	L mm	g
08090002	2	C 6.3	1/4	34	4

13008



Screwdriver bits

— for TRI-WING® screws
— external hex DIN 3126 / ISO 1173

Product no.	Size	⬢ mm	⬢ "	L mm	g
08250000	0.0	C 6.3	1/4	25	5
08250001	1	C 6.3	1/4	25	5
08250002	2	C 6.3	1/4	25	5
08250003	3	C 6.3	1/4	25	5
08250004	4	C 6.3	1/4	25	5
08250005	5	C 6.3	1/4	25	5
08250006	6	C 6.3	1/4	25	8

13010



Screwdriver bits

— for TORQ-SET® screws
— external hex DIN 3126 / ISO 1173

Product no.	Size	⬢ mm	⬢ "	L mm	g
08260000	TQ0	C 6,3	1/4	25	5
08260001	TQ1	C 6,3	1/4	25	5
08260002	TQ2	C 6,3	1/4	25	5
08260003	TQ3	C 6,3	1/4	25	5
08260004	TQ4	C 6,3	1/4	25	5
08260005	TQ5	C 6,3	1/4	25	5
08260006	TQ6	C 6,3	1/4	25	5
08260008	TQ8	C 6,3	1/4	25	5
08260010	TQ10	C 6,3	1/4	25	5
08260016	1/4	C 8	5/16	32	9
08260020	5/16	C 8	5/16	32	11
08260024	3/8	C 8	5/16	32	11



1202



Bit box

— storage case with 20 bits for slotted, hex, TORX®, PHILLIPS® and POZIDRIV® screws
— self-locking magnetic bit holder with quick-change function
— in a compact, durable storage box
— transparent lid allows the user to check the contents at a glance
— with hex head for quick use

Contains 21-pieces:

1 bit holder with quick-change chuck and magnet
3 bits PHILLIPS®: PH1; PH2; PH3
3 bits POZIDRIV®: PZ1; PZ2; PZ3
4 bits slotted: 0.6 x 3.5; 0.8 x 4.0; 1.0 x 5.5; 1.2 x 6.5 mm
4 bits TORX®: T15; T20; T25; T30
3 bits TORX® with hole: T20; T25; T30
3 bits INHEX: 4; 5; 6 mm

Product no.	L mm	W mm	H mm	Content pcs.	g
96080110	120	60	33	21	222

1203



Bit box

— storage case with 10 bits for hex, PHILLIPS® and POZIDRIV® screws
— compact: many tools - little space required
— including practical stand function

Contains 11-pieces:

1 bit holder with quick-change chuck and magnet
3 bits PHILLIPS®: PH1; PH2; PH3
3 bits POZIDRIV®: PZ1; PZ2; PZ3
4 bits INHEX: 3; 4; 5; 6 mm

Product no.	L mm	W mm	H mm	Content pcs.	g
96080115	100	60	12	11	110

1204/8



5-star bit box

— storage case with 7 bits for internal 5-star screws and bit holder

Contains 8-pieces:

1 bit holder **No. 412**: L. 25 mm

7 bits with hollow tip 5-star: TPI10; TPI15; TPI20; TPI25; TPI27; TPI30; TPI40

Product no.	L mm	W mm	H mm	Content pcs.	g
96081113	100	81	31	8	104

1204/21-1



Bit box

— storage case with 20 bits for TORX®, hex, PHILLIPS® and POZIDRIV® screws

Contains 21-pieces:

1 bit holder with quick-change chuck and magnet

4 bits PHILLIPS®: PH1; PH2 (2x); PH3

4 bits POZIDRIV®: PZ1; PZ2 (2x); PZ3

6 bits TORX®: T10; T15; T20 (2x); T25 (2x); T27; T30; T40

3 bits INHEX: 4; 5; 6 mm

Product no.	L mm	W mm	H mm	Content pcs.	g
96080121	100	81	31	21	186

1204/21-2



Bit box

— storage container with 20 bits for slotted, TORX®, TORQ-SET®, hex, PHILLIPS® screws

Contains 21-pieces:

1 bit holder with quick-change chuck and magnet

3 bits PHILLIPS®: PH1; PH2; PH3

4 bits slotted: 0.5 x 4.0; 0.6 x 4.5; 0.8 x 5.5; 1.2 x 6.5 mm

6 bits TORX®: T10; T15; T20; T25; T30; T40

3 bits INHEX: 4; 5; 6 mm

4 bits TORQ-SET®: 4; 6; 8; 10

Product no.	L mm	W mm	H mm	Content pcs.	g
96080122	100	82	32	21	181

1206



Bit box

— with colour marking

— robust box with transparent lid with bits for slotted, TORX®, hex, PHILLIPS® and POZIDRIV® screws

— $^1/_4$" external hex drive according to DIN 3126 / ISO 1173

Contains 56-pieces:

1 bit holder with quick-change chuck with magnet

3 bits slotted: 4; 5; 6 mm (2x each), L. 25 mm

3 bits PHILLIPS®: PH1; PH2; PH3 (3x each), L. 25 mm

3 bits POZIDRIV®: PZ1; PZ2; PZ3 (3x each), L. 25 mm

7 bits TORX®: T10; T15; T20; T25; T27; T30; T40 (2x each), L. 25 mm

7 bits TORX® with hole: T10; T15; T20; T25; T27; T30; T40, L. 25 mm

3 bits INHEX: 3; 4; 5 mm, L. 25 mm

1 bit slotted: 6 mm, L. 75 mm

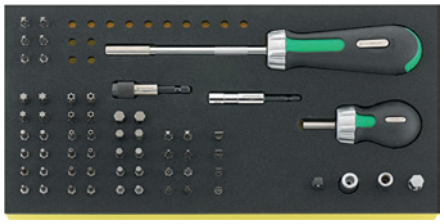
2 bits PHILLIPS®: PH2; PH3, L. 75 mm

2 bits POZIDRIV®: PZ1; PZ2, L. 75 mm

2 bits TORX®: T20; T25, L. 75 mm

Product no.	L mm	W mm	H mm	Content pcs.	g
96080156	128	100	37	56	490

TCS 4008/8/52



Bit ratchet screwdriver set
— safely integrated in the modular Tool Control System (TCS)
Contains 60-pieces:
1 bit holder 1/4" **No. 412**: L. 25 mm
1 bit holder 1/4" **No. 412/1**: L. 20 mm
1 bit holder 3/8" **No. 442**: L. 32 mm
1 bit holder 1/4" **No. 1200/1**: L. 72 mm
1 bit quick-change holder 1/4" **No. 3825/1:** L. 62 mm
1 bit adaptor, manual 1/4" **No. 3116**: L. 25 mm
2 bit ratchet screwdrivers 1/4" **No. 4008**: L. 95; 250 mm
10 bits INHEX **No. 1300**: 3 mm (2x); 4 mm (2x); 5 mm (2x); 6 mm (2x); 8 mm (2x)
8 bits PHILLIPS® 1/4" **No. PH 1220-1223**: PH0 (2x); PH1 (2x); PH2 (2x); PH3 (2x)
6 bits POZIDRIV® 1/4" **No. PZ 1221-1223**: PZ1 (2x); PZ2 (2x); PZ3 (2x)
12 bits TORX® 1/4" **No. 1414-1420**: T10 (2x); T15 (2x); T20 (2x); T25 (2x); T30 (2x); T40 (2x)
12 bits TORX® with hole 1/4" **No. 1440-1446**: T10 (2x); T15 (2x); T20 (2x); T25 (2x); T30 (2x); T40 (2x)
4 bits slotted 1/4" **No. 1161-1166/1**: 0.5 x 4.0; 0.6 x 4.5; 0.8 x 5.5; 1.2 x 6.5 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96838773	350	175	50	1/3	60	753



TCS 4008/4009/1206/4



Bit set
— safely integrated in the modular Tool Control System (TCS)
Contains 59-pieces:
2 bit ratchet screwdrivers 1/4" **No. 4008**: L. 95; 250 mm
1 bit holder 1/4" **No. 4009**: L. 176 mm
1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96830265	350	175	63	1/3	59	1138

4008/27/1R



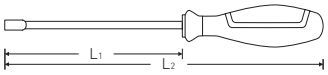
Bit ratchet screwdriver set
— in a sturdy, stackable ABS plastic box
Contains 29-pieces:
1 bit ratchet screwdriver 1/4" **No. 4008**: L. 250 mm
3 bits PHILLIPS® 1/4" **No. PH 1221-1223**: PH1; PH2; PH3
3 bits POZIDRIV® 1/4" **No. PZ 1221-1223**: PZ1; PZ2; PZ3
6 bits TORX® with hole 1/4" **No. 1440-1446**: T10; T15; T20; T25; T30; T40
3 bits INHEX 1/4" **No. 1301-1303**: 4; 5; 6 mm
3 bits slotted 1/4" **No. 1163, 1165, 166/1**: 0.6 x 4.5; 0.8 x 5.5; 1.2 x 6.5 mm
1 bit adaptor, manual 1/4" **No. 3116**: L. 25 mm
9 sockets with hex 1/4" **No. 40**: 4; 5; 5.5; 6; 7; 8; 10; 11; 13 mm

Product no.	L mm	W mm	H mm	Content pcs.	g
96182203	325	135	60	29	955

4000



Bit holder
— for 1/4" screwdriver bits with external hex
— internal hex with collar-thrust spring
— with 3-component handle
— DIN 3126 / ISO 1173 Form C 6.3

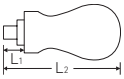


Product no.	"	L1 mm	L2 mm	b mm	g
18073026	1/4	75	190	11	119

12503



Bit holder
— extra short version
— for 1/4" screwdriver bits with external hex
— internal hex socket with magnet
— DIN 3126 / ISO 1173 Form C 6.3

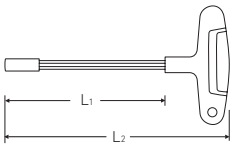


Product no.	"	L1 mm	L2 mm	g
18110016	1/4	10	65	50

4009



Bit holder
— for 1/4" screwdriver bits with external hex
— hex socket with magnet
— with 2-component T-handle
— DIN 3126 / ISO 1173 Form C 6.3

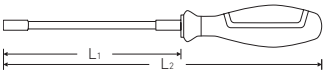


Product no.	"	d mm	L1 mm	L2 mm	g
18093016	1/4	10	150	175	108

12504



Bit holder
— with flexible shaft
— for 1/4" screwdriver bits with external hex
— with 3-component handle
— DIN 3126 / ISO 1173 Form C 6.3

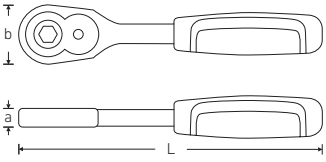


Product no.	"	L1 mm	L2 mm	g
18103016	1/4	175	290	168

415B 2K



Bit ratchet
— reversible
— 22 teeth
— with 2-component handle
— internal 1/4" hex drive with collar-thrust spring
— for 1/4" screwdriver bits
— DIN 3126 / ISO 1173 Form D 6.3



Product no.	"	°	Number of teeth	L mm	b mm	a mm	g
11131011	1/4	16 °	22	117	22	12	76

MADE IN GERMANY

For more than 160 years, the STAHLWILLE brand has been synonymous with premium tools. From its foundation by Eduard Wille to the present day, our goal has always been the same: to manufacture tools that set the standard and that are 'Made in Germany'.

STAHLWILLE 1/4" BIT FINE-TOOTH MINI RATCHET – tight spaces need great tools.

418B



Ergonomic.

The bit fine-tooth mini ratchet with steel handle fits securely and comfortably in the hand. For fatigue-free work.



Resilient.

Unlike conventional fine-tooth ratchets, eight pairs of teeth mesh simultaneously. For maximum load-bearing capacity while also ensuring smooth running and durability.



Compact.

With a length of only 9 cm, the bit fine-tooth mini ratchet with steel handle is the perfect companion in particularly tight installation spaces. And our fine-tooth ratchets have 80 teeth and a working angle of only 4.5°.



Reliable.

FOD preventative. Also ideal for safety-critical sectors such as aviation, thanks to the screwless design.

4150B

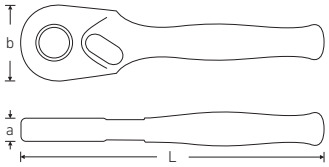
Spare parts set for bit ratchet
Contains 9-pieces:
1 pinion; 1 pawl; 1 lever with pin; 1 ball; 2 compression springs; 2 screws M 1.7 x 8; 1 cover plate

Product no.	for model	Content pcs.	g
19010011	415B	9	20

415SGB N



Bit fine-tooth ratchet
— reversible
— 80 teeth
— with steel handle
— internal 1/4" hex drive with collar-thrust spring
— for 1/4" screwdriver bits
— for working in tight spaces, with a working angle of just 4.5°
— FOD-preventive due to screwless design
— DIN 3126 / ISO 1173 D 6.3



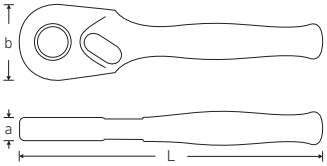
Product no.	"	°	L mm	b mm	a mm	g
11132020	1/4	4.5 °	117	22.6	10.7	85



418B



Bit fine-tooth mini ratchet
— short version
— reversible
— 80 teeth
— with steel handle
— internal 1/4" hex drive with collar-thrust spring
— for 1/4" screwdriver bits
— for working in tight spaces, with a working angle of just 4.5°
— FOD-preventive due to screwless design
— DIN 3126 / ISO 1173 Form D 6.3

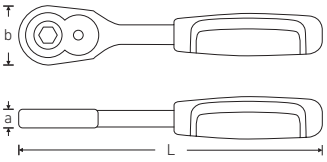


Product no.	"	°	L mm	b mm	a mm	g
11133030	1/4	4.5 °	90	22.5	11	70

419B



Bit fine-tooth ratchet
— reversible, with a push-out function
— 80 teeth
— with 2-component handle
— internal 1/4" hex drive with collar-thrust spring
— for 1/4" screwdriver bits
— for working in tight spaces, with a working angle of just 4.5°
— FOD-preventive due to screwless design
— DIN 3126 / ISO 1173 Form D 6.3



Product no.	"	°	Number of teeth	L mm	b mm	a mm	g
11131010	1/4	4.5 °	80	115	22	16	76

4153B

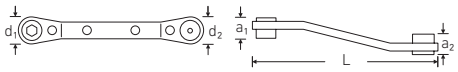
Spare parts set for bit ratchet
Contains 8-pieces:
1 locking shell; 1 switching lever; 1 cover plate; 1 compression spring; 1 bit rotary part with push-out function; 1 ball; 1 rubber ring; 1 repair and maintenance instruction

Product no.	for model	○ "	Content pcs.	g
19010014	419B	1/4	8	62

25B



Ratcheting bit holder spanner
— reversible
— with magnetic holder for screwdriver bits
— angled
— chrome-plated

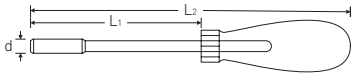


Product no.	○ "	d_1 mm	d_2 mm	L mm	a_1 mm	a_2 mm	g
41541620	1/4 x 5/16	20	23	138	15	17	105

4008-1



Bit ratchet screwdriver
— high load mechanism with 48 teeth (7.5° working angle)
— easy bit change with magnetic internal hex
— quick change of direction using the changeover ring (left, right and fixed)
— knurled zone for fast pre-turning of the screws
— 1/4" bits can be used with bit adaptor No. 3116 (external hex and external square 1/4")
— pop-up storage compartment for 6 bits at the end of the handle for easy access
— with 2-component handle
— for bits with external hex 1/4" DIN 3126 / ISO 1173 Form C 6.3

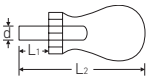


Product no.	Size	○ "	∠	Number of teeth	d mm	L_1 mm	L_2 mm	g
18120001	1	1/4	7.5 °	48	10	127	250	220

4008-2



Bit ratchet screwdriver
— high load mechanism with 48 teeth (7.5° working angle)
— easy bit change with magnetic internal hex
— quick change of direction using the changeover ring (left, right and fixed)
— knurled zone for fast pre-turning of the screws
— 1/4" sockets can be used with bit adaptor No. 3116 (external hex and external square 1/4")
— with 2-component handle
— for bits with external hex 1/4" DIN 3126 / ISO 1173 Form C 6.3



Product no.	Size	○ "	∠	Number of teeth	d mm	L_1 mm	L_2 mm	g
18120002	2	1/4	7.5 °	48	10	25	95	137

3825/1



Bit quick-change holder
— machine-operated bits
— for screwdriver bits with external hex 1/4"
— with quick-change chuck
— external hex drive DIN 3126 / ISO 1173 Form C 6.3

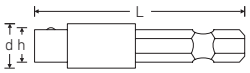
Product no.	○ mm	○ "	L mm	g
38250002	D 6.3	1/4	62	27



3115



Bit adaptor
- for connecting sockets to tools
- for torque screwdrivers No. 760 and No. 775
- for manual sockets with internal square drive 6.3 (1/4")
- square with spring-loaded ball
- steel grey, oiled surface
- external square DIN 3120 / ISO 1174-1
- external hex drive DIN 3126 / ISO 1173



Product no.	■ mm	■ "	⬣ mm	⬣ "	d mm	L mm	h mm	g
31150000	A 6.3	1/4	E 6.3	1/4	8.9	50	8	16

3116



Bit adaptor
- for connecting sockets to tools
- for manual sockets with internal square drive 6.3 (1/4")
- square with spring-loaded ball
- steel grey, oiled surface
- external square DIN 3120 / ISO 1174-1
- external hex drive DIN 3126 / ISO 1173

Product no.	■ mm	■ "	⬣ mm	⬣ "	L mm	h mm	g
31160000	A 6.3	1/4	C 6.3	1/4	25	8	10

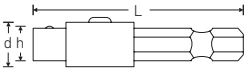
MADE IN GERMANY

For more than 160 years, the STAHLWILLE brand has been synonymous with premium tools. From its foundation by Eduard Wille to the present day, our goal has always been the same: to manufacture tools that set the standard and that are 'Made in Germany'.

3116/1QR-3316/1QR



QuickRelease bit adaptors
- with external hex drive
- for machine-operated IMPACT sockets DIN 3129 / ISO 2725-2 with internal square DIN 3121 / ISO 1174-2
- with a larger diameter for improved contact with the IMPACT sockets
- Chrome Alloy Steel, gunmetal finish

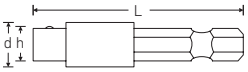


Product no.	Model	■ mm	■ "	⬣ mm	⬣ "	L mm	h mm	g
31161001	3116/1QR	E 6.3	1/4	E 6.3	1/4	50	11.2	18
32161001	3216/1QR	E 10	3/8	E 6.3	1/4	50	14.6	26
33161001	3316/1QR	E 12.5	1/2	E 6.3	1/4	50	19.2	46

3117-3119



Bit adaptors
- for machine-operated sockets with internal square drive 6.3 (1/4")
- steel grey, oiled surface
- external square DIN 3121 / ISO 1174-2 with spring-loaded pin
- external hex drive DIN 3126 / ISO 1173



Product no.	Model	■ mm	■ "	⬣ mm	⬣ "	d mm	L mm	h mm	g
31170000	3117	E 6.3	1/4	E 6.3	1/4	8.9	50	8	16
31180000	3118	E 10	3/8	E 6.3	1/4	15.5	50	13	23
31190000	3119	E 12.5	1/2	E 6.3	1/4	18	50	15	34

412



Bit holder
- internal 1/4" hex drive with collar-thrust spring
- bits are easy to insert, lock securely into place and can be easily pulled out again
- HPQ® heavy duty steel
- DIN 3126 Form D 6.3/ISO 1173 Form D 6.3

Product no.	○ "	○ mm	○ "	d mm	L mm	g
11180010	1/4	D 6,3	1/4	11,6	25	14

412-1



Bit holder
- internal 1/4" hex drive with collar-thrust spring
- 10 mm external hex for use in tools with 10 mm internal hex drive or internal double hex drive (e.g. FLEXI double-ended, flexi-joint spanners, flex handles, box spanner, ratcheting ring spanner, etc.)
- bits are easy to insert, lock securely into place and can be easily pulled out again
- HPQ® heavy duty steel
- DIN 3126 Form D 6.3 / ISO 1173 Form D 6.3

Product no.	○ "	○ mm	○ "	d mm	L mm	g
11180020	1/4	D 6,3	1/4	11,6	20	11

442



Bit holder
- internal 1/4" hex drive with collar-thrust spring
- bits are easy to insert, lock securely into place and can be easily pulled out again
- DIN 3126 Form D 6.3 / ISO 1173 Form D 6.3

Product no.	○ "	○ mm	○ "	d mm	L mm	g
12180026	3/8	D 6,3	1/4	16,5	32	30

443



Bit holder
- internal 5/16" hex drive with collar-thrust spring
- bits are easy to insert, lock securely into place and can be easily pulled out again
- DIN 3126 Form D 8 / ISO 1173 Form D 8

Product no.	○ "	○ mm	○ "	d mm	L mm	g
12180030	3/8	D 8	5/16	16,5	32	39

543



Bit holder
- internal 5/16" hex drive with collar-thrust spring
- bits are easy to insert, lock securely into place and can be easily pulled out again
- DIN 3126 Form D 8 / ISO 1173 Form D 8

Product no.	○ "	○ mm	○ "	d mm	L mm	g
13180010	1/2	D 8	5/16	22	38	65

3100



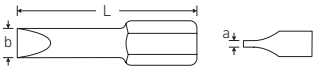
Bit holder
- with strong magnet
- with bit holder for screwdriver bits
- chrome-plated sleeve, hex shaft in steel grey
- external hex 1/4", DIN 3126 / ISO 1173

Product no.	○ mm	○ "	L mm	g
31000000	D 6.3	1/4	72	37

1242-1250



Screwdriver bits
- machine-operated bits
- for slotted screws
- external hex drive in accordance with DIN 3126 / ISO 1173 Form E 6.3
- DIN 3127 / ISO 2351



Product no.	Model	a x b mm	⬢ mm	⬢ "	L mm	g
08300635	1242	0.6 x 3,5	E 6.3	1/4	50	8
08300840	1244	0.8 x 4,0	E 6.3	1/4	50	9
08301055	1246	1.0 x 5,5	E 6.3	1/4	50	10
08301265	1248	1.2 x 6,5	E 6.3	1/4	50	11
08301680	1250	1.6 x 8,0	E 6.3	1/4	50	14

1260-1262



Screwdriver bits
- machine-operated bits
- for PHILLIPS® screws (DIN 5260)
- external hex drive in accordance with DIN 3126 / ISO 1173 Form E 6.3
- DIN 3128 / ISO 8764

Product no.	Model	Size	⬢ mm	⬢ "	L mm	g
08310001	1260	PH1	E 6.3	1/4	50	10
08310002	1261	PH2	E 6.3	1/4	50	11
08310003	1262	PH3	E 6.3	1/4	50	11

1270-1272



Screwdriver bits
- machine-operated bits
- for POZIDRIV® screws
- external hex drive in accordance with DIN 3126 / ISO 1173 Form E 6.3
- DIN 3128 / ISO 8764

Product no.	Model	Size	⬢ mm	⬢ "	L mm	g
08320001	1270	PZ1	E 6.3	1/4	50	10
08320002	1271	PZ2	E 6.3	1/4	50	11
08320003	1272	PZ3	E 6.3	1/4	50	11

1280-1284



Screwdriver bits
- machine-operated bits
- for hex socket screws
- external hex drive in accordance with DIN 3126 / ISO 1173 Form E 6.3
- DIN 7426 / ISO 2936

Product no.	Model	⬢ mm	⬢ "	L mm	g
08330003	1280	3	1/4	50	9
08330004	1281	4	1/4	50	10
08330005	1282	5	1/4	50	12
08330006	1283	6	1/4	50	13
08330008	1284	8	1/4	50	18

1290-1296



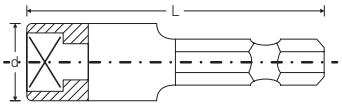
Screwdriver bits
- machine-operated bits
- for recessed TORX® screws
- external hex drive in accordance with DIN 3126 / ISO 1173 Form E 6.3

Product no.	Model	Size	⬢ mm	⬢ "	L mm	g
08340010	1290	T10	E 6.3	1/4	70	14
08340015	1291	T15	E 6.3	1/4	70	14
08340020	1292	T20	E 6.3	1/4	70	14
08340025	1293	T25	E 6.3	1/4	70	15
08340027	1294	T27	E 6.3	1/4	70	16
08340030	1295	T30	E 6.3	1/4	70	16
08340040	1296	T40	E 6.3	1/4	70	18

2801



Socket bits
- machine-operated bits
- external hex drive in accordance with DIN 3126 / ISO 1173 Form E 6.3
- hex with strong magnet
- Chrome Alloy Steel, polished, painted with a clear finish



Product no.	⌀ mm	⬢ mm	⬢ "	d mm	L mm	g
28011007	7	E6,3	1/4	12	50	23
28011008	8	E6,3	1/4	13	50	26
28011010	10	E6,3	1/4	15.5	50	31
28011013	13	E6,3	1/4	18.7	50	44

13006



Special socket bit
- machine-operated bits
- for plugs in the Airbus A320-A340 electronic rack
- external hex drive in accordance with DIN 3126 / ISO 1173 Form E 6.3

Product no.	⬢ mm	⬢ "	d mm	L mm	g
08230001	E 6.3	1/4	11	50	32

4060



IMPACT bit and driver set
— for M5-M10 screws
— in a sturdy, stackable ABS plastic box
Contains 15-pieces:
1 IMPACT driver **No. 4030**
1 bit adaptor 3/8" **No. 4035**
1 bit adaptor 1/2" **No. 4036**
5 bits slotted **No. 4040-4044**: 1 x 7; 1.4 x 9; 1.5 x 13; 1.6 x 10; 2 x 12 mm
3 bits PHILLIPS® **No. 4050-4052**: PH2; PH3; PH4
4 bits hex **No. 4055-4058**: 5; 6; 8; 10 mm

Product no.	L mm	W mm	H mm	Content pcs.	g
96323001	230	130	60	15	1264

4030



IMPACT driver
— with bit holder for screwdriver bits No. 4040-4058
— for M5-M10 screws
— torque 120 N·m

Product no.	■ "	○ "	L mm	g
32200005	3/8	3/8	138	604

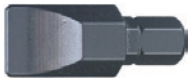
4035/4036



Bit adaptors
— with external hex drive
— for IMPACT driver No. 4030

Product no.	Model	■ "	⬣ "	L mm	H mm	g
32210001	4035	3/8	3/8	38	12	34
33210001	4036	1/2	3/8	38	17	43

4040-4044



Screwdriver bits
— for slotted screws
— for IMPACT driver No. 4030

Product no.	Model	a x b mm	⬣ "	L mm	g
08400010	4040	1.0 x 7	3/8	40	17
08400014	4041	1.4 x 9	3/8	40	20
08400015	4044	1.5 x 13	3/8	40	24
08400016	4042	1.6 x 10	3/8	40	21
08400020	4043	2.0 x 12	3/8	40	20

4050-4052



Screwdriver bits
— for PHILLIPS® screws
— for IMPACT driver No. 4030
— DIN ISO 8764

Product no.	Model	Size	⬣ "	L mm	g
08410002	4050	PH2	3/8	35	17
08410003	4051	PH3	3/8	35	17
08410004	4052	PH4	3/8	35	17

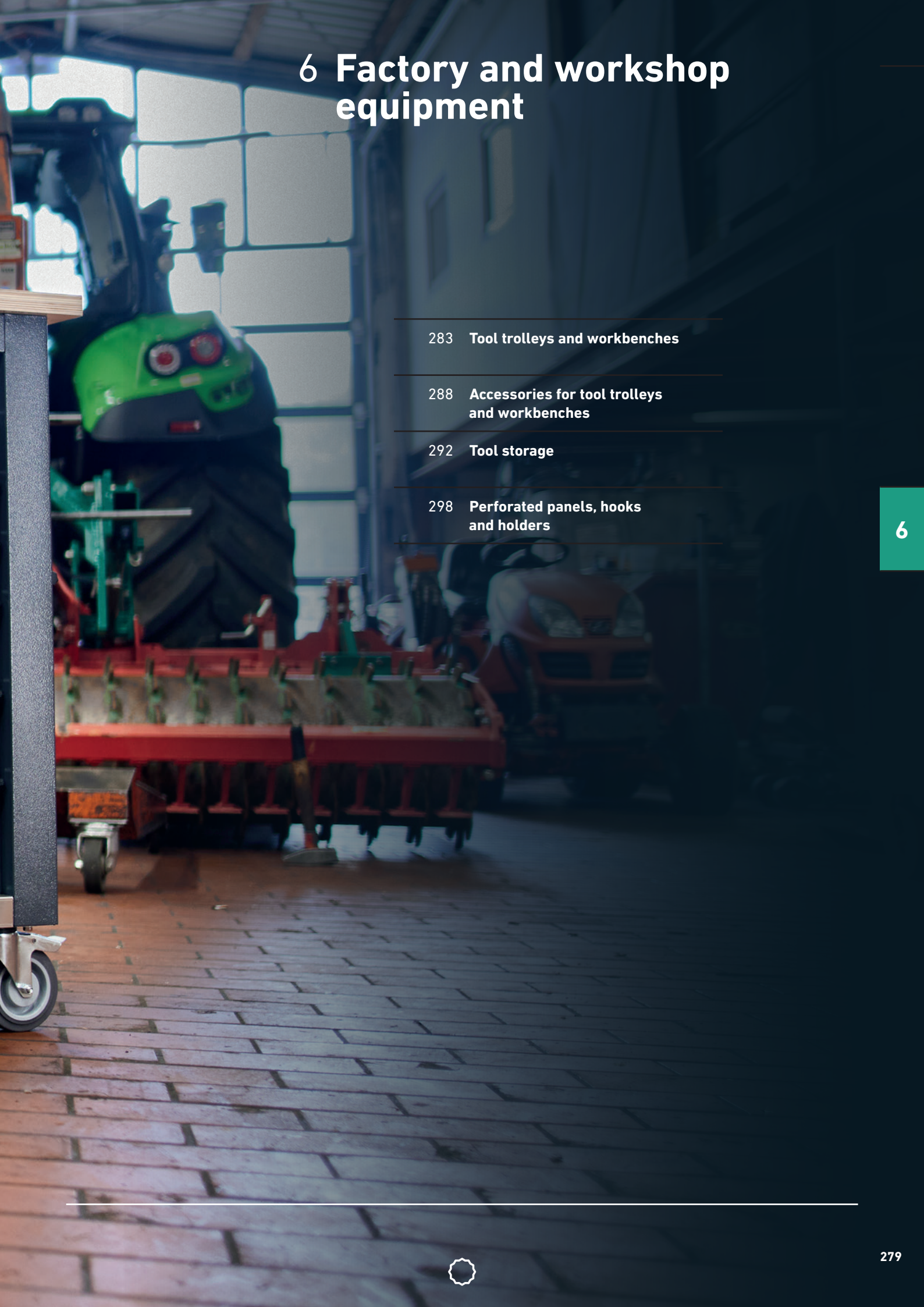
4055-4058



Screwdriver bits
— for hex socket screws
— for IMPACT driver No. 4030

Product no.	Model	⬣ mm	⬣ "	L mm	g
08420005	4055	5	3/8	35	16
08420006	4056	6	3/8	35	16
08420008	4057	8	3/8	35	19
08420010	4058	10	3/8	35	23


WB 625
STAHLWILLE



6 Factory and workshop equipment

283 **Tool trolleys and workbenches**

288 **Accessories for tool trolleys and workbenches**

292 **Tool storage**

298 **Perforated panels, hooks and holders**

STAHLWILLE WORKSHOP EQUIPMENT –
The right solution for everyone.

STAHLWILLE tool storage systems impress with their modern design, high level of safety and well thought-out details. Whether workbenches, tool trolleys or tool boxes – STAHLWILLE offers a variety of variants, with many options for customisation.

MOBILE



Well thought-out.

Three-stage safety concept: Central locking with recessed cylinder lock located on the side. The individual locking mechanism prevents unintentional opening during transit – the anti-tilt protection makes it impossible to pull out multiple drawers simultaneously.

Clearly arranged.

All drawers are 100% extendable. In combination with the STAHLWILLE TCS inlays, optimal visibility is guaranteed.

More volume.

Space marvel. The 98 PRO tool trolley offers 100% more drawer volume compared to the 93 and 95 PRO models.



Generous.

7 large drawers offer plenty of storage space. The spacious cabinet section features an adjustable-height shelf, two rubberised cable outlets, and a cable duct that can be unscrewed at the back. Includes an adjustable paper roll holder for paper rolls up to 30 cm wide.

Comfortable.

Only at STAHLWILLE: the ergonomic working height of 104 cm enables comfortable work at the workbench.

Agile.

Oil and acid-resistant smooth-running wheels (Ø 125 mm) with thread guards to protect the bearings from dirt and fibres, with 2 locking brakes.



Comparison of models

					
93/6	**95/6 PRO**	**95/7 PRO**	**95/8 PRO**	**98/7 PRO**	**98/8 PRO**
481 x 877 x 1000 mm	496 x 827 x 1020 mm	496 x 827 x 1020 mm	496 x 827 x 1020 mm	651 x 1001 x 1020 mm	651 x 1001 x 1020 mm
RAL 7016; RAL 9005	RAL 7016; RAL 9005	RAL 7016; RAL 9005	RAL 7016; RAL 9005	RAL 7016; RAL 9005	RAL 7016; RAL 9005
6	6	7	8	7	8
351 x 530 x 68 mm (4x) 351 x 530 x 145 mm (1x) 351 x 530 x 198 mm (1x)	346 x 528 x 73 mm (2x) 346 x 528 x 113 mm (2x) 346 x 528 x 153 mm (1x) 346 x 528 x 170 mm (1x)	346 x 528 x 73 mm (4x) 346 x 528 x 113 mm (2x) 346 x 528 x 170 mm (1x)	346 x 528 x 73 mm (7x) 346 x 528 x 170 mm (1x)	695 x 525 x 73 mm (4x) 695 x 525 x 113 mm (2x) 695 x 525 x 170 mm (1x)	695 x 525 x 73 mm (7x) 695 x 525 x 170 mm (1x)
30 kg 30 kg 45 kg	30 kg 30 kg 30 kg 45 kg	30 kg 30 kg 45 kg	30 kg 45 kg	40 kg 40 kg 60 kg	40 kg 60 kg
500 kg	750 kg	750 kg	750 kg	1,400 kg	1,400 kg

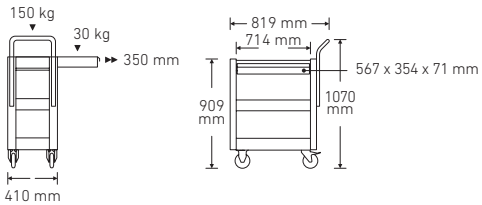
additional colours available: body blue, RAL 2703035; drawers black, RAL 9005; body red, RAL 3020; drawers black, RAL 9005

TOOL TROLLEYS AND WORKBENCHES.

612 ST



Service trolley
- 1 drawer
- 2 shelves
- rubber castors with 2 parking brakes



Product no.	Colour samples	Colour	Number of drawers	kg
81300612		green, RAL 6024; anthracite, RAL 7016	1	25.5



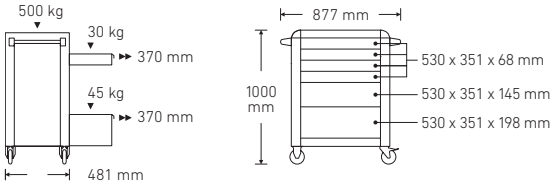
Key features of the TTS 93/6 tool trolley
Perfect order for the workshop

- two-stage safety concept:
  - central locking through cylinder lock with folding key
  - tilt protection - it is not possible to pull out several drawers at the same time
- 2 handles
- all-round impact protection
- durable plastic tray made of ABS with compartments for small parts
- oil and acid-resistant wheels (Ø 125 mm) with bearings protected from the ingress of dirt and fibres, and 2 parking brakes
- perforation on both sides for hooks No. 8031-8041, e.g. for larger tools
- with paper roll holder
- can be equipped with STAHLWILLE TCS inlays

93/6



Tool trolley
- 6 easily removable drawers, black, full-extension runners with bearing cage guide



Product no.	Model	Colour samples	Colour	Number of drawers	kg
81200154	93/6 A		anthracite, RAL 7016; black, RAL 9005	6	57

TOOLS THAT ... inspire

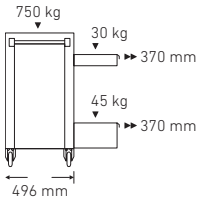
Key features of the TTS 95 PRO tool trolleys
Perfect order for the workshop

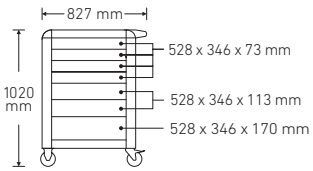
- three-stage safety concept:
  - central locking with a lateral cylinder lock and folding key
  - individual locks prevent inadvertent opening during transit
  - tilt protection - it is not possible to pull out several drawers at the same time
- steel handle with reinforced body connection
- all-round collision protection with impact damping
- tightly welded, scratch-resistant worktop prevents liquids from penetrating
- oil and acid-resistant wheels (Ø 125 mm) with bearings protected from the ingress of dirt and fibres, and 2 parking brakes
- paper roll holder and spray can holder included
- perforation on both sides for hooks No. 8031-8041, e.g. for larger tools
- can be equipped with STAHLWILLE TCS inlays

95/7 PRO



Tool trolleys
- 7 easily removable drawers, black, full-extension runners with bearing cage guide



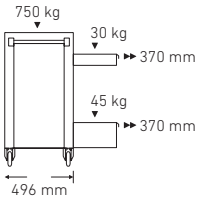


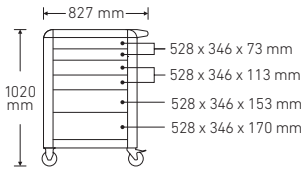
Product no.	Model	Colour samples	Colour	Number of drawers	kg
81200163	95/7 A PRO		anthracite, RAL 7016; black, RAL 9005	7	71.5
81200164	95/7 B PRO		blue, RAL 270 30 35; black, RAL 9005	7	71.5
81200165	95/7 R PRO		red, RAL 3020; black, RAL 9005	7	71.5

95/6 PRO



Tool trolleys
- 6 easily removable drawers, black, full-extension runners with bearing cage guide



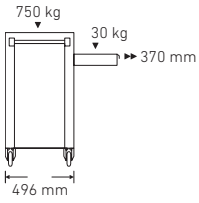


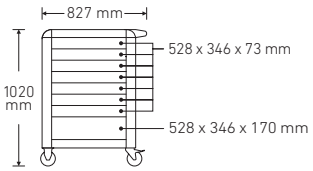
Product no.	Model	Colour samples	Colour	Number of drawers	kg
81200160	95/6 A PRO		anthracite, RAL 7016; black, RAL 9005	6	71.5
81200161	95/6 B PRO		blue, RAL 270 30 35; black, RAL 9005	6	71.5
81200162	95/6 R PRO		red, RAL 3020; black, RAL 9005	6	71.5

95/8 PRO



Tool trolleys
- 8 easily removable drawers, black, full-extension runners with bearing cage guide





Product no.	Model	Colour samples	Colour	Number of drawers	kg
81200166	95/8 A PRO		anthracite, RAL 7016; black, RAL 9005	8	71.5
81200167	95/8 B PRO		blue, RAL 270 30 35; black, RAL 9005	8	71.5
81200168	95/8 R PRO		red, RAL 3020; black, RAL 9005	8	71.5

Key features of the TTS 98 PRO tool trolleys
Perfect order for the workshop

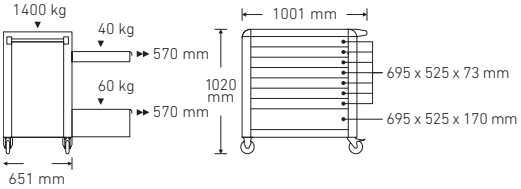
- three-stage safety concept:
  - central locking with a lateral cylinder lock and folding key
  - individual locks prevent inadvertent opening during transit
  - tilt protection - it is not possible to pull out several drawers at the same time
- 100% increased drawer volume compared to the TTS 93 and TTS 95 PRO tool trolleys
- steel handle with reinforced connection to body
- all-round impact protection
- tightly welded, scratch-resistant worktop prevents liquids from penetrating
- oil and acid-resistant wheels (Ø 125 mm) with bearings protected from the ingress of dirt and fibres, and 2 parking brakes
- paper roll holder and spray can holder included
- perforation on both sides for hooks No. 8031-8041, e.g. for larger tools
- can be equipped with STAHLWILLE TCS inlays

98/8 PRO



Tool trolleys

- 8 easily removable drawers, black, full-extension runners with bearing cage guide



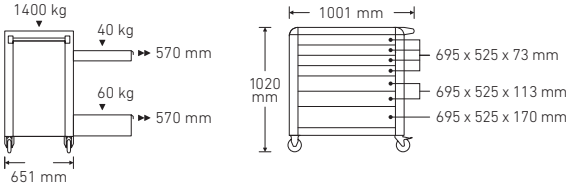
Product no.	Model	Colour samples	Colour	Number of drawers	kg
81200172	98/8 A PRO		anthracite, RAL 7016; black, RAL 9005	8	114
81200173	98/8 B PRO		blue, RAL 270 30 35; black, RAL 9005	8	114
81200174	98/8 R PRO		red, RAL 3020; black, RAL 9005	8	114

98/7 PRO



Tool trolleys

- 7 easily removable drawers, black, full-extension runners with bearing cage guide



Product no.	Model	Colour samples	Colour	Number of drawers	kg
81200169	98/7 A PRO		anthracite, RAL 7016; black, RAL 9005	7	114
81200170	98/7 B PRO		blue, RAL 270 30 35; black, RAL 9005	7	114
81200171	98/7 R PRO		red, RAL 3020; black, RAL 9005	7	114



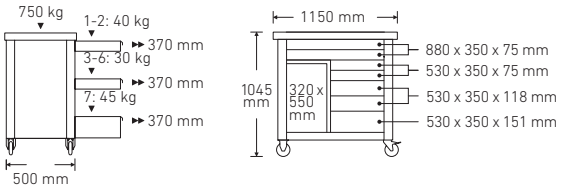
Key features of the WB 621 and WB 625 workbenches
Perfect order for the workshop

- three-stage safety concept:
  - central locking with a lateral cylinder lock and folding key
  - individual locks prevent inadvertent opening during transit
  - tilt protection - it is not possible to pull out several drawers at the same time
- large work surface with multiplex beechwood worktop, FSC certified, 1150 x 500 x 30 mm
- stainless steel decorative trim
- oil and acid-resistant wheels (Ø 125 mm) with bearings protected from the ingress of dirt and fibres, and 2 parking brakes
- paper roll holder
- perforation on the side for hooks No. 8031-8041, e.g. for larger tools
- can be equipped with STAHLWILLE TCS inlays

WB 621



Mobile workbench
- 7 easily removable drawers, black, full-extension runners with bearing cage guide
- separate lockable cabinet compartment with magnetic bracket and adjustable shelves (70 mm grid)
- drawers and cabinet section close at the same time
- RAL 7016 body, RAL 9005 drawers and cabinet compartment, in durable industrial powder coating
- cabling is possible through 2 rubberised feed throughs and a removable cable channel on the back
- available separately: e-kit consisting of a magnetic multi-plug with 2 USB ports, a magnetic holder (flexible positioning on any metallic part of the workbench), and a cable holder

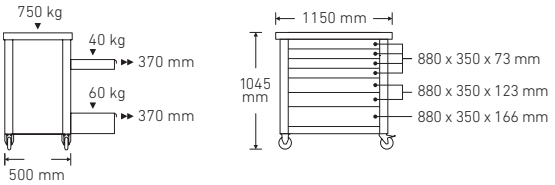


Product no.	Colour samples	Colour	Number of drawers	kg
85010621		anthracite, RAL 7016; black, RAL 9005	7	97.5

WB 625



Mobile workbench
- 7 easily removable drawers, black, full-extension runners with bearing cage guide
- RAL 7016 body, RAL 9005 drawers and cabinet compartment, in durable industrial powder coating



Product no.	Colour samples	Colour	Number of drawers	kg
85010625		anthracite, RAL 7016; black, RAL 9005	7	97



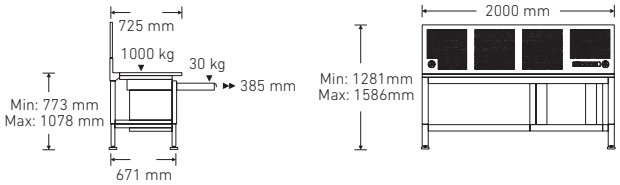
WB 630





Workbench

— ready-to-install design
— tool chest bracket including fasteners material suitable for No. 93 TOP BOX
— lockable drawer (including 2 keys) with full extension runners with bearing cage guide
— with non-slip drawer mat
— large work surface with rubberwood worktop, 30 mm thick, with FSC certification
— integrated perforated back panel for fitting tools and e.g. hooks, spray can holder, paper roll holder, etc.
— with EU 3-way plug adaptor, 2 USB ports, and 2 rubberised cable grommets
— height-adjustable legs (by 305 mm) with levelling feet (M12)
— body RAL 7016, in durable, industrial powder coating
— dimensions: width 2,000 mm, depth 725 mm, adjustable height with back panel: 1,281-1,586 mm, without back panel: 773-1,078 mm
— internal drawer dimensions: 530 x 350 x 74.5 mm
— can be equipped with STAHLWILLE TCS inlays
— available separately: Tool box TOP BOX 93 (81200157) and tool assortment TCS 821/6 (97830255)

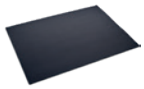
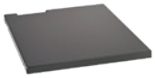
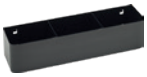


Product no.	Colour samples	Colour	Number of drawers	kg
85010630		anthracite, RAL 7016; black, RAL 9005	1	102.5



ACCESSORIES FOR TOOL TROLLEYS AND WORKBENCHES.

Suitable accessories at a glance

	Product no.	Description	Model	Suitable for
	**90432802**	Protective cover	Cover TTS 93+TTS95PRO	93/6, 95 PRO
	**90432806**	Rubber mat	95 GR	95 PRO
	**83812070**	Empty tray for small components	LE 912	93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630, 612 ST
	**81490001**	Wheel set	R 95	93/6, 95 PRO, WB 621, WB 625
	**81490005**	Wheel set	R 98	93/6, 95 PRO, 98 PRO, WB 621, WB 625
	**89480003**	Wheel set	R 95/98S	93/6, 95 PRO, 98 PRO, WB 621, WB 625
	**81490007**	Wheel set	R 630	WB 630
	**90432736**	Shelf	WB 621 CS	WB 621
	**90432731**	Multiplex beechwood worktop	WB 621/625 WP	WB 621, WB 625
	**81484002**	Drawer divider	VE 50-150 2/3	93/6, 95 PRO, 98 PRO, WB 621, WB 625, WB 630, 93 TOP BOX, 612 ST
	**81484001**	Drawer divider	VE 50-150 3/3	93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630, 612 ST
	**81483004**	Paper roll holder	PRH 925	93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630
	**89011053**	Waste bin	95/98 AB	95 PRO, 98 PRO, WB 630
	**89010040**	Cable holder	KH 91	93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630
	**90432719**	Spray can holder	SDH 922	95 PRO, 98 PRO, WB 630
	**90432727**	Spray can holder	SDH 923	93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630
	**89010041**	Laptop holder	LH 928	WB 621, WB 625, WB 630
	**89010042**	Laptop holder adaptor (to be used only in combination with LH 928)	LH 928/A	93/6, 95 PRO, 98 PRO

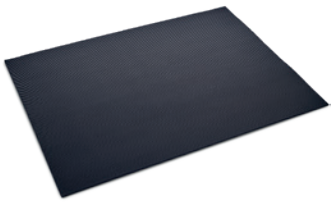
93/95 CO



Protective cover
- protection against dust, dirt and splashing water
- for tool trolleys 93 PRO and 95 PRO (also suitable for 90, 95, 95VA models)
- front opening with 2 zippers
- drawers can be used without removing the cover
- durable black nylon fabric

Product no.	for model	L mm	W mm	H mm	g
90432802	93/6, 95 PRO	890	480	990	1768

95 GR



Rubber mat
- for the tool trolleys 95 PRO
- protects the stainless steel surface of the tray
- exact fit, 3 mm thick with fine grooves
- groove direction in longitudinal orientation
- styrene-butadiene rubber, oil and skydrol resistant

Product no.	for model	L mm	W mm	H mm	g
90432806	95 PRO	565	414	3	780

LE 912



Empty tray for small components
- with compartments for small parts such as screws, nuts, etc.
- oil and skydrol-resistant
- each has 8 compartments of 60 x 80 mm and 80 x 80 mm
- each has 2 compartments of 100 x 165 mm and 50 x 330 mm

Product no.	for model	g
83812070	93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630, 612 ST	330

PRH 925



Paper roll holder
- universal paper roll holder, suitable for all models with side perforations
- attaches with 2 fixing screws to the perforated panel

Product no.	for model	Roll width max. mm	g
81483004	93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630	300	730

KH 91



Cable holder
- for storing cables and hoses

Product no.	for model	L mm	W mm	H mm	g
89010040	93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630	200	153	170	780

LH 928



Laptop holder
- for mounting on the worktops of workbenches No. WB 621, WB 625 and WB 630, 20-60 mm thickness
- suitable for 10-17" laptops
- for monitors up to 32" with VESA hole (75 x 75 mm and 100 x 100 mm)
- adjustment range of laptop holder: 287-430 mm
- height adjustable 30-400 mm, 180° rotatable
- vertical tilt angle: 55-90°
- made of aluminium tube
- max. load: 6.5 kg
- also suitable for tool trolleys 93, 95 PRO, 98 PRO in combination with adaptor 89010042

Product no.	for model	L mm	W mm	H mm	kg
89010041	WB 621, WB 625, WB 630	445	245	150	3.5

LH 928/A



Laptop holder adaptor
— mounting bracket for laptop holders on tool trolleys
— for attachment to the side perforations of the 93, 95 PRO, 98 PRO tool trolleys
— robust industrial powder coating

Product no.	for model	kg
89010042 *	93/6, 95 PRO, 98 PRO	1.33

* only to be used in combination with LH 928

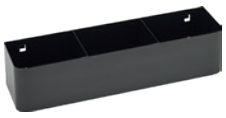
SDH 923



Spray can holder
— small holder for 3 spray cans

Product no.	for model	L mm	W mm	H mm	g
90432727	93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630	237	81	70	566

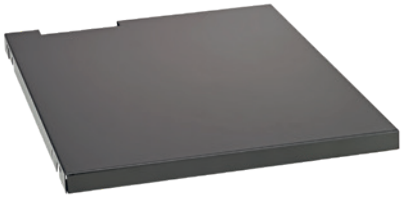
SDH 922



Spray can holder
— large holder for 3 spray cans

Product no.	for model	L mm	W mm	H mm	g
90432719	95 PRO, 98 PRO, WB 630	300	84	70	650

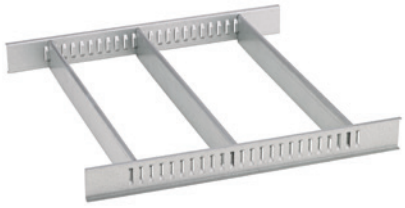
WB 621 CS



Shelf
— additional shelf for workbench WB 621

Product no.	for model	L mm	W mm	H mm	kg
90432736	WB 621	440	327	33	1.31

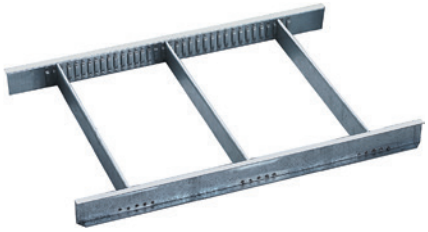
VE 50-150 2/3



Drawer divider
— for variable drawer layouts
— includes 1 galvanised front and rear panel each, plus 3 dividing panels
— on TCS format 2/3 drawer

Product no.	for model	L mm	W mm	H mm	Size	g
81484002	93/6, 95 PRO, 98 PRO, WB 621, WB 625, WB 630, 93 TOP BOX, 612 ST	350	75	20	2/3	758

VE 50-150 3/3



Drawer divider
— for variable drawer layouts
— includes 1 galvanised front and rear panel each, plus 3 dividing panels
— on TCS format 3/3 drawer

Product no.	for model	L mm	W mm	H mm	Size	g
81484001	93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630, 612 ST	510	350	40	3/3	800

WB 621 E-Kit



Electronic kit
— suitable for workbench WB 621
— consisting of a switchable 3-way socket (EU) with 2 USB ports
— including magnetic holder for mounting anywhere on the workbench (RAL 9005) and cable holder

Product no.	L mm	kg
90432728	300	2.02

95/98 AB



Waste bin
— suitable for tool trolleys 95 PRO/98 PRO and workbench WB 630
— powder coated

Product no.	for model	L mm	W mm	H mm	kg
89011053	95 PRO, 98 PRO, WB 630	300	115	310	2.01

WB 621/625 WP



Multiplex beechwood worktop
— suitable for workbenches WB 621/WB 625
— oiled multiplex beechwood worktop

Product no.	for model	kg
90432731	WB 621, WB 625	13

R 95



Wheel set
— 2 fixed and 2 swivelling smooth-running wheels (Ø 125 mm)
— 2 with parking brake

Product no.	for model	kg
81490001	93/6, 95 PRO, WB 621, WB 625	3.9

R 98



Wheel set
— 2 fixed and 2 swivelling smooth-running wheels (Ø 125 mm)
— 2 with parking brake

Product no.	for model	kg
81490005	93/6, 95 PRO, 98 PRO, WB 621, WB 625	4.5

R 95/98S



Wheel set
— 4 swivelling smooth-running wheels (Ø 125 mm)
— 2 with parking brake and 2 with directional lock

Product no.	for model	kg
89480003	93/6, 95 PRO, 98 PRO, WB 621, WB 625	5.4

R 630



Wheel set
— 4 swivelling and movable smooth-running castors, Ø 125 mm
— with locking brakes
— with thread guard to protect the bearings from dirt and threads
— oil and acid resistant
— load capacity when used with workbench WB 630: 600 kg

Product no.	for model	g
81490007	WB 630	4400

TOOL STORAGE.

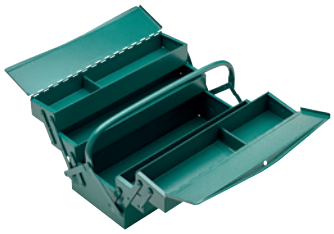
83/010



Tool box
— 3 trays
— can be locked with a padlock

Product no.	L mm	W mm	H mm	kg
81060000	475	420	150	3.64

83/09



Tool box
— 5 trays
— can be locked with a padlock

Product no.	L mm	W mm	H mm	kg
81050000	458	420	200	4.74

446/08



Tool box
— 5 trays
— can be locked with a padlock

Product no.	L mm	W mm	H mm	kg
81070000	573	530	200	5.59

82/013



Tool box
— with lift out tray
— can be locked with a padlock

Product no.	L mm	W mm	H mm	kg
81080000	252	545	225	6.87

13219



Tool bag
— with 23 compartments and 5 external pockets
— sturdy carrying handle
— removable, padded shoulder strap for comfortable carrying
— lid with hook-and-loop fastener protects the tools from dust, dirt, and moisture
— sturdy, reinforced plastic base
— made of waterproof polyester

Product no.	L mm	W mm	H mm	kg
81620004	520	500	340	2.3

13215



Backpack trolley
- sturdy tool backpack with reinforced bottom
- flexible use as a trolley or a backpack
- large, smooth-running wheels and a practical telescopic handle for convenient transport
- extendable, padded straps convert trolley into a backpack
- 2 easily removable panels for the most important everyday tools
- front pockets for paperwork and accessories
- padded notebook compartment (up to 15")

Product no.	L mm	W mm	H mm	kg
81620007	250	380	520	4.3

136 L-BOXX®



Tool box L-BOXX®
- mobile tool storage solution for trade and industry
- protects tools from damage and water spray
- compatible with the entire L-BOXX® range
- honeycomb function increases the stability of the base
- innovative one-handed click system
- contents are accessible even when the boxes are stacked and connected
- impact-resistant ABS plastic
- load capacity: 12 kg
- weight bearing capacity: 85 kg, can also be used as a step

Product no.	L mm	W mm	H mm	kg
81620136	360	444	152	1.78

136 L-BOXX® WK



Tool card
- suitable for L-BOXX® to be mounted in the lid
- 12 rubber loops and 6 pockets for safe storage of tools
- mounting fixtures included

Product no.	for model	L mm	W mm	H mm	g
81620137	136 L-BOXX®	375	305	25	400

13301



Tool box
- ABS shells
- robust aluminium frame with impact edge protection
- 2 lockable flip-locks
- variable base shell
- cover with 15 compartments, panel with 22 compartments
- separate document compartment in lid
- max. load capacity: 25 kg

Product no.	L mm	W mm	H mm	Filling volume	kg
81620009	365	490	188	27 l	4

13302/TR



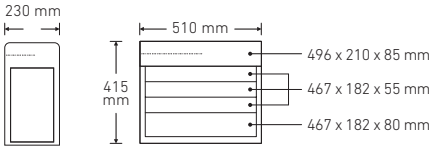
Mobile tool box
- ABS shells
- smooth-running castors and integrated telescopic handle for convenient transport
- ergonomically designed carrying handle
- robust aluminium frame with impact edge protection
- 2 lockable flip-locks and a professional combination lock
- variable bottom section (2 aluminium dividers, 4 end caps, 2 centre caps)
- cover with 15 compartments, panel with 22 compartments
- separate document compartment in lid
- max. load capacity: 30 kg

Product no.	L mm	W mm	H mm	Filling volume	kg
81620010	260	515	445	36 l	6

13216/4



Tool box
- with 4 drawers, a compartment under the lid, a safety lock and a sturdy aluminium structural sheet on the lid
- wide, spring-mounted, plastic-covered handles on the sides
- high-quality, fully-extendable, stable sliding rail system
- easy removable drawers
- affix items to the perforated panel with spring clamps No. 8050



Product no.	L mm	W mm	H mm	kg
81091004	510	230	415	14

TBT 13216



Tool box trolley
- for tool box No. 13216/4
- secure locking with a convenient release mechanism
- for ease of transport and increased usability of the tool boxes
- sturdy sheet-steel construction
- 2 fixed castors and 2 swivel castors (Ø 75 mm) with brakes
- practical, fold-away handle with stop
- maximum static load capacity: 150 kg
- colour: black, RAL 9005
- tool boxes to be purchased separately

Product no.	for model	L mm	W mm	H mm	kg
81091009	13216/4	328	570	216	7.5

1500



Roll-up tool pouches

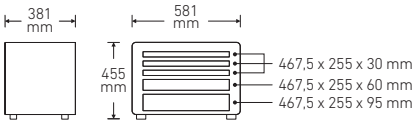
— sturdy tool roll with polyester hook-and-loop fastener
— mesh inserts allow visibility of the tools
— a compact storage solution to keep your tools safe

Product no.	for model	L mm	W mm	H mm	Number of shelves	g
81231040	10/5; 17F/4; 17F/5; 240/4; 17/5; 17a/5; 25/4	290	80	30	5	138
81231041	12160/6 VDE; 12161/6 VDE; 240/6; 17F/6	300	90	30	6	170
81231042	10/6; 10/8; 13/9; 13/8; 13/6; 25/7; 25a/7	300	110	30	9	274
81231043	10a/7	330	120	45	9	298
81231044	13/11; 17F/12; 17/12	525	230	30	12	296
81231045	10/12; 10/10; 14/11; 10a/11; 17a/12	340	150	40	13	448
81231046	12/15; 12/10; 12a/13	150	90	35	15	112
81231047	13/17; 13/16 CH; 14/17; 17/15; 17F/15	350	140	40	18	547
81231048	13/15; 14/15	500	130	80	18	742
81231060	13/19CH	1000	400	55	20	802



13217





Tool trolleys

— robust and durable tool trolley made from polypropylene for professional use
— 5 easily removable lockable drawers with transparent covers, end-stops for the rails, and in 3 different drawer heights
— drawers can be inserted in any order
— with 1 top cover and 1 removable front cover
— the top lid is lined with dimpled foam to hold the tools securely in place
— 1 removable tray with 2 handles and 2 transparent drawer lids under the top tray
— drawers can be used as a separate toolbox thanks to the transparent lids
— custom label options for the case and the drawers
— 2 smooth-running double castors at the rear
— for upright transport on 4 wheels; can be fitted with wheel set R 13217 (please order separately)
— extendable telescopic handle for easy transport
— 2 side handles
— resistant to skydrol, acetone, petrol and hydraulic oils
— load capacity: 60 kg
— lockable in 3 places with a padlock
— lockable with the integrated lock, 2 keys included (excluding IP67 version)
— also available in IP67 (6 drawers, 4 x 30 mm, 2 x 60 mm)
— additional fasteners and seals protect against water and dust
— with valve for pressure compensation (IP67 version only)
— also available with all-round reflective decals (5 drawers, 2 x 30 mm, 3 x 60 mm), for increased safety when working in dark environments
— individual case configurations on request

Product no.	Model	L mm	W mm	H mm	kg
81091301	13217 LGE	381	581	455	16
81091304	13217 LR	381	581	455	16
81091306	13217 TS	381	581	455	16
81091322	13217 TS IP67	381	581	455	16
96894809	13217 TS RF	381	581	455	16

Configurable tool trolleys without drawers

Product no.	Model	L mm	W mm	H mm	Load capacity	g
81091323	13217 TS IP67/K	381	581	455	60 kg	12000
81091333	13217 LGE K	381	581	455	60 kg	12000
81091334	13217 LR K	381	581	455	60 kg	12000
81091335	13217 TS K	381	581	455	60 kg	12000

TA 13217



Transparent cover

— creates additional storage space in the top lid
— mounting fixtures included

Product no.	for model	L mm	W mm	H mm	g
89010100	13217	500	275	40	630

TR-SCH 13217



Drawers

— robust and durable drawer with polypropylene handle
— for tool trolleys No. 13217
— combines with the cover No. TA 13217 to make a tool box

Product no.	Model	for model	L mm	W mm	H mm	g
81483230	30 SC	13217	467.5	255	30	612
81483260	60 SC	13217	467.5	255	60	778
81483295	95 SC	13217	467.5	255	95	984

12932



Padlock

— for locking tool trolleys No. 13217
— includes 2 keys

Product no.	for model	L mm	W mm	H mm	g
77210002	13217	47	34	15	85

R 13217



Wheel set

— 4 swivel castors, including 2 with parking brake

Product no.	for model	g
96894805	13217	670

DRAWER CONFIGURATION –
Systematic tool storage.

The tool trolley 13217 is also available without drawers and can be equipped on a modular basis with different drawer configurations (C1 – C10) as required. The order of the drawers is also variable. The product codes of the drawers that must be ordered separately for the empty case can be found under TR-SCH 13217 on the adjacent page. The trolley is available in black (also as IP67 version), yellow and red – the drawer colour is always black.



81091333



81091334

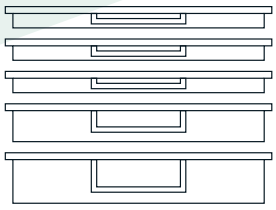


81091335

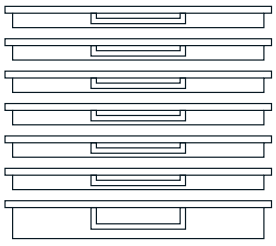


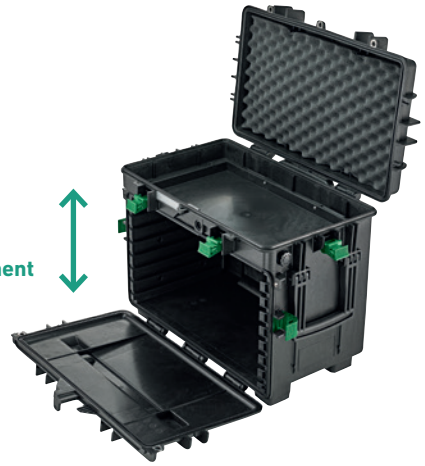
81091323 (IP67)

C1
3 x **H 30 mm**, 81483230
1 x **H 60 mm**, 81483260
1 x **H 95 mm**, 81483295

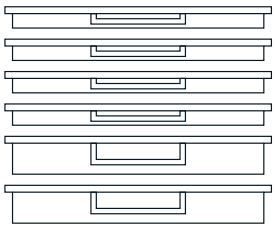


C2
6 x **H 30 mm**, 81483230
1 x **H 60 mm**, 81483260

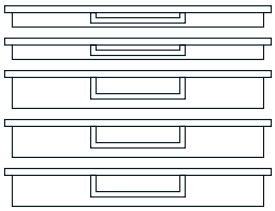




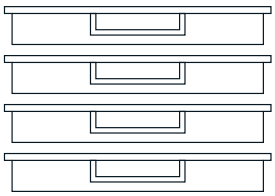
C3
4 x **H 30 mm**, 81483230
2 x **H 60 mm**, 81483260



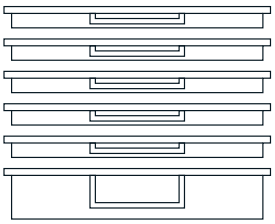
C4
2 x **H 30 mm**, 81483230
3 x **H 60 mm**, 81483260



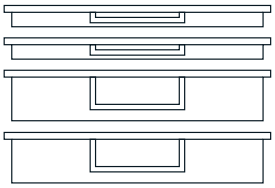
C5
4 x **H 60 mm**, 81483260



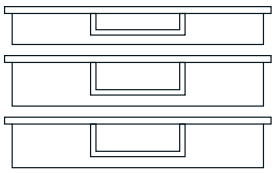
C6
5 x **H 30 mm**, 81483230
1 x **H 95 mm**, 81483295



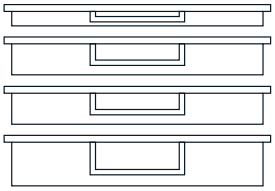
C7
2 x **H 30 mm**, 81483230
2 x **H 95 mm**, 81483295



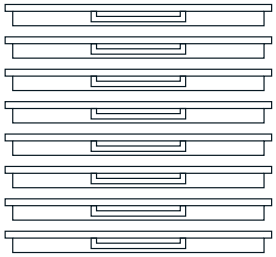
C8
1 x **H 60 mm**, 81483260
2 x **H 95 mm**, 81483295



C9
1 x **H 30 mm**, 81483230
2 x **H 60 mm**, 81483260
1 x **H 95 mm**, 81483295

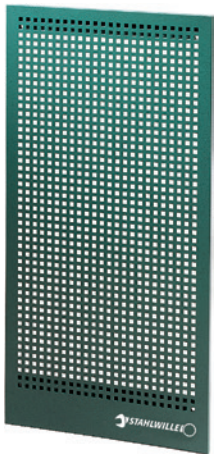


C10
8 x **H 30 mm**, 81483230



PERFORATED PANELS, HOOKS AND HOLDERS.

8002



Perforated panel

— durable perforated panel for affixing tools and objects
— compatible with hooks and brackets No. 8031-8041 (not included)
— square perforation, 9 x 9 mm
— made of sturdy sheet steel
— 2 reinforcing cross ribs on the back
— with holes for easy wall or bench mounting
— high load capacity

Product no.	L mm	W mm	H mm	kg
80020001	1000	500	15	3.8

Tool hooks

with practical clip system

— sturdy plastic clip
— suitable for perforated panels with a 9 x 9 mm perforation
— simple, tool-free attachment
— screwless safety lock prevents scratching of the perforated wall

8031



Single hooks

— heavy-duty tool hook with practical clip-on system
— made of robust steel
— angled hook, 45°

Product no.	for model	L mm	g
80310030	8002, 93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630	30	13
80310060	8002, 93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630	60	17
80310090	8002, 93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630	90	21

8032



Twin hooks

— heavy-duty double hook with practical clip-on system
— made of robust steel
— 2 angled hooks, 45°

Product no.	for model	L mm	g
80320030	8002, 93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630	30	19
80320060	8002, 93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630	60	26

8034



Twin hooks

— heavy-duty double hook with practical clip-on system
— made of robust steel
— 2 angle hooks with vertical holder ends

Product no.	for model	L mm	W mm	g
80340040	8002, 93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630	40	35	30
80340050	8002, 93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630	50	40	30

8035

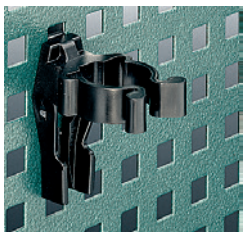


Rectangular lugs

— heavy-duty bracket for pliers, with practical clip-on system
— made of robust steel

Product no.	for model	L mm	W mm	g
80350017	8002, 93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630	17	35	23
80350020	8002, 93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630	20	55	26

8036



Spring clips

— heavy-duty aluminium tool clamp with practical clip-on system

Product no.	for model	d mm	g
80360012	8002, 93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630	12	9
80360018	8002, 93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630	18	10
80360024	8002, 93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630	24	14

8038



Container

— robust case with practical clip-on system
— for tidy storage of pens, centre punches, etc.

Product no.	for model	d mm	H mm	g
80380030	8002, 93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630	30	72	15

8041



Holder for spanners

— space-saving tool holder with practical clip-on system
— for 8 spanners
— made of robust steel

Product no.	for model	g
80410235	8002, 93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630	62

8050



Spring clips

— heavy-duty tool clamp with practical clip system
— made of sturdy sheet steel, galvanised

Product no.	for model	d mm	g
81485006	8002, 93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630, 13216	6	28
81485012	8002, 93/6, 93 TOP BOX, 95 PRO, 98 PRO, WB 621, WB 625, WB 630, 13216	12	28


STAHLWILLE

7 Tool assortments



304 **Tool assortments in tool trolleys and workbenches**

323 **Tool assortments in TCS inlays**

350 **Tool assortments in TCS inlay**

354 **Large workshop tool sets**

360 **Tool assortments in trolleys**

368 **Tool assortments for trolleys**

378 **Tool assortments in cases**

381 **Tool assortments in L-BOXX®**

383 **Tool assortments in tool boxes**

386 **Other tool assortments**

STAHLWILLE TOOL ASSORTMENTS –
Perfectly sorted. Perfectly protected.

STAHLWILLE offers an enormous variety of pre-configured premium tool sets – either as a stand-alone solution or in combination with a tool storage solution such as a tool trolley or tool box. The Tool Control System (TCS) always ensures order and ensures that no tool is left behind on the job.



Clearly arranged.

The STAHLWILLE Tool Control System (TCS) is functional and promotes efficiency. Every tool has its place – the user immediately knows where it belongs. This saves valuable time in everyday work.

Reliable.

Thanks to the 2-layer/two-colour system, you can see at a glance whether the TCS inlay is fully loaded or if a tool is missing.

Individual.

STAHLWILLE offers many TCS assortments tailored to special areas of application – including customer-specific solutions.



Tailored.

The Tool Control System (TCS) creates order and protects the tools from damage. Thanks to computer-aided production, every tool cutout is precisely tailored.

Durable.

STAHLWILLE tool assortments impress with premium-quality inlays and are therefore ideally suited for professional use.

Comprehensive.

Detailed information on STAHLWILLE's versatile tool storage solutions can be found in the chapter on service and workshop equipment.

TOOL ASSORTMENTS IN TOOL TROLLEYS AND WORKBENCHES.



612/83 ST

98830176 Tool assortment with service trolley

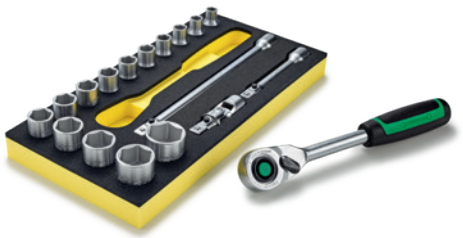
— safely integrated in the modular Tool Control System (TCS)
— 1 service trolley **No. 612 ST**

Product no.	L mm	W mm	H mm	Content pcs.	kg
98830176	410	819	909	83	30

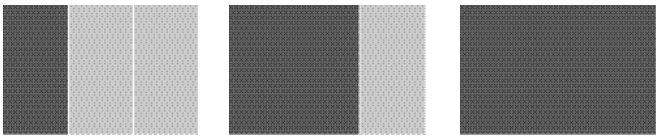


96830277

Contains 83-pieces:
96830277
1 wooden folding ruler **No. 13112**: L. 2 m
1 L-Key hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 bit ratchet screwdriver ¼" **No. 4008**: L. 250 mm
1 water pump pliers **No. 6551**: L. 240 mm
1 side cutters **No. 6720**: L. 160 mm
2 slotted screwdrivers **No. 4620**: 1.2 x 6.5 x 150; 0.6 x 3.5 x 75 mm
2 PH cross-head screwdrivers **No. 4632**: PH1; PH2
1 cable knife **No. 12320:** Blade length: 90 mm
1 mini magnetic lifter **No. 12600**: 270 g
7 double open-ended spanners **No. 10**: 8 x 10; 10 x 13; 13 x 14; 16 x 18; 17 x 19; 19 x 22; 21 x 24 mm
1 engineer's hammer **No. 10961**: 500 g
1 bit box ¼" **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces



Tool Control System
The intelligent modular inlay system protects and organises the tools in tool boxes, tool trolleys and workbenches. Two-colour foam inlays make checking the completeness of the tools quick and easy.



Tool assortment in a modular system with tool inserts, Tool Control System (TCS) - safely integrated
All advantages at a glance:

With the Tool Control System, the tools fit into chemical-resistant safety foam inlays with high-precision, 3D cutouts. Two-tone colour system facilitates quick audits of the contents: Visible colour immediately indicates a missing tool.

Top features tool trolley 93/6
for mobile use in the workshop

— two-stage safety concept:
  — central locking through cylinder lock with folding key
  — tilt protection - it is not possible to pull out several drawers at the same time
— 2 handles, all-round impact protection
— durable plastic tray made of ABS with compartments for small parts
— oil and acid-resistant wheels (Ø 125 mm) with bearings protected from the ingress of dirt and fibres, with two parking brakes
— perforation on both sides for hooks 8031-8041, e.g. for larger tools
— 6 easy-to-remove drawers (black, RAL 9005) with full extension runners (370 mm) and ball bearing cage guide
— with paper roll holder



93/130

98830177 Tool assortment with tool trolley
— safely integrated in the modular Tool Control System (TCS)
— 1 tool trolley, anthracite **No. 93/6 A**: 6 drawers

Product no.	L mm	W mm	H mm	Number drawers	Content pcs.	kg
98830177	481	877	1000	6	130	78.5



96830244



96830245

Contains 130-pieces:

96830244
10 sockets with hex 1/4" **No. 40**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13 mm
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
2 extensions 1/4" **No. 405**: L. 54; 150 mm
1 bit ratchet 1/4" **No. 415-2K**: L. 117 mm
1 extension 1/2" **No. 509**: L. 130 mm
1 ratchet 1/2" **No. 512-2K**: L. 265.5 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm
1 bit ratchet screwdriver 1/4" **No. 4008**: L. 250 mm
1 bit adaptor, manual 1/4" **No. 3116**: L. 25 mm
1 bit holder 1/4" **No. 412**: L. 25 mm
1 flat chisel **No. 102**: W. 17; L. 150 mm
1 engineer's hammer **No. 10961**: 500 g
1 cable knife **No. 12320**: Blade length: 90 mm
1 bit box 1/4" **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces

96830245
15 combination spanners **No. 13**: 6; 7; 8; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 22; 24 mm
1 wooden folding ruler **No. 13112**: L. 2 m
1 mini magnetic lifter **No. 12600**: 270 g
1 L-Key set hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 slotted screwdriver **No. 4620**: 0.8 x 4.0 x 100 mm
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
2 PH cross-head screwdrivers **No. 4630**: PH1; PH2
3 TORX® screwdrivers **No. 4650**: T15; T20; T25



93/157QR

98830178 Tool assortment with tool trolley

— safely integrated in the modular Tool Control System (TCS)
— 1 tool trolley, anthracite **No. 93/6 A**: 6 drawers

Product no.	L mm	W mm	H mm	Number drawers	Content pcs.	kg
98830178	481	877	1000	6	157	82



96830264



96830265



96830266



96830267



96830268



96830269

Contains 157-pieces:

96830264
11 sockets with hex 1/4" **No. 40**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
2 QuickRelease extensions 1/4" **No. 405QR**: 54; 150 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 bit adaptor, manual 1/4" **No. 3116**: L. 25 mm
2 QuickRelease extensions 1/2" **No. 509QR**: L. 130; 255 mm
1 QuickRelease fine-tooth ratchet 1/2" **No. 512QR N80**: L. 265.5 mm
1 square drive adaptor **No. 410**: 1/4 to 1/2"
1 square drive adaptor **No. 513**: 1/2 to 3/8"
1 bit holder 1/4" **No. 412**: L. 25 mm

96830265
2 bit ratchet screwdrivers 1/4" **No. 4008**: L. 95; 250 mm
1 bit holder 1/4" **No. 4009**: L. 176 mm
1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces

96830266
1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 combination pliers **No. 6700**: L. 180 mm

96830267
16 combination spanners **No. 13**: 6; 7; 8; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24 mm
1 adjustable spanner **No. 4025**: max. 34 mm
5 combination ratchet spanners, flat **No. 17F**: 8; 10; 13; 17; 19 mm

96830268
1 electrician's slotted screwdriver **No. 4628**: 0.4x 2.5 x 60 mm
2 slotted screwdrivers **No. 4620**: 0.8 x 4.0 x 100; 1.6 x 10.0 x 200 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 cable knife **No. 12320**: Blade length: 90 mm
1 tape measure **No. 12935**: L. 3 m
1 mini magnetic lifter **No. 12600**: 270 g
1 wooden folding ruler **No. 13112**: L. 2 m
1 torch **No. 13132**: 130 lm
1 ball-ended L-Key set TORX® **No. 10771/8**: T9; T10; T15; T20; T25; T27; T30; T40
1 ball-ended L-Key set hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

96830269
1 engineer's hammer **No. 10961**: 500 g
1 dead blow hammer **No. 10959**: Ø 35 mm
1 flat chisel **No. 102**: W. 21; L. 175 mm
1 pin punch **No. 108**: Ø 6 mm
1 centre punch **No. 105**: Ø 10 mm
1 pin punch **No. 109**: Ø 3.4 mm
1 drift punch **No. 104**: Ø 4 mm

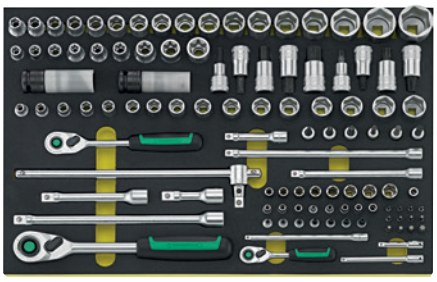


93/206QR

98830203 Tool assortment with tool trolley

— particularly suitable for the automotive sector
— safely integrated in the modular Tool Control System (TCS)
— 1 tool trolley, anthracite **No. 93/6 A**: 6 drawers

Product no.	L mm	W mm	H mm	Number drawers	Content pcs.	kg
98830203	481	877	1000	6	207	100



96830283



96830284



96830285



96830286



96830287

Contains 207-pieces:

96830283

11 sockets with hex 1/4" **No. 40**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
5 sockets TORX® 1/4" **No. 40TX**: E4; E5; E6; E7; E8
7 screwdriver sockets TORX®, with hole 1/4" **No. 44KTXB**: T10; T15; T20; T25; T27; T30; T40
3 extensions 1/4" **No. 405**: L. 54; 100; 150 mm
1 bit holder 1/4" **No. 412**: L. 25 mm
12 bits TORX® 1/4" **No. 1410-1421**: T6; T7; T8; T9; T10; T15; T20; T25; T27; T30; T40; T45
16 sockets with hex 3/8" **No. 456**: 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22 mm
3 sockets TORX® 3/8" **No. 45TX**: E10; E12; E14
3 screwdriver sockets INHEX 3/8" **No. 49**: 5; 6; 7 mm
3 screwdriver sockets TORX® 3/8" **No. 49TX**: T30; T40; T45
1 QuickRelease speeder brace 3/8" **No. 453QR**: L. 408 mm
3 extensions 3/8" **No. 427**: L. 76; 160; 240 mm
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
6 sockets TORX® 1/2" **No. 50TX**: E11; E12; E14; E18; E20; E24
2 IMPACT wheel nut sockets with hex 1/2" **No. 2309IMP K**: 17; 19 mm
5 screwdriver sockets INHEX 1/2" **No. 54**: 8; 10; 12; 14; 17 mm
4 screwdriver sockets TORX® 1/2" **No. 54TX**: T45; T50; T55; T60
1 QuickRelease T-handle 1/2" **No. 506QR**: L. 300 mm
3 extensions 1/2" **No. 509**: L. 75; 130; 255 mm
1 QuickRelease fine-tooth ratchet 1/2" **No. 512QR**: L. 265.5 mm

96830284

6 pin punches **No. 108**: Ø 2, 3, 4, 5, 6, 8 mm
1 flat chisel **No. 102**: W. 17; L. 150 mm
1 centre punch **No. 105**: Ø 10 mm
1 cross-cut chisel **No. 103**: W. 17; L. 150 mm
1 tape measure **No. 12935**: L. 3 m
1 dead blow hammer **No. 10959**: Ø 40 mm
1 engineer's hammer **No. 10961**: 500g
1 magnetic lifter **No. 12600**: 500 g
1 cable knife **No. 12320** Blade length: 90 mm
1 telescopic mirror **No. 12921**: L. 178-921 mm
1 torch **No. 13132**: 130 lm
2 batteries AAA 1.5 V
1 brake caliper brush, steel wire **No. 12373**: L. 230 mm
1 claw lifter **No. 12922**: Ø 6 mm, L. 540 mm

96830285

8 double-ended ring spanners **No. 20**: 6 x 7; 8 x 9; 10 x 11; 12 x 13;

Tool assortments

14 x 15; 16 x 17; 18 x 19; 20 x 22 mm
1 slotted screwdriver with impact cap **No. 4622SK**: 1.2 x 10 x 175 mm
1 triangular bearing scraper **No. 10676**: 85 x 12 x 315 mm
1 lever bar **No. 12770**: L. 260 mm
1 gasket scraper **No. 12718**: L. 265 mm
1 ball-ended L-Key set hex **No. 10767/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 self-grip wrench **No. 6564**: L. 250 mm
1 PZ cross-head screwdriver **No. 4744**: PZ2
1 PH cross-head screwdriver **No. 4734**: PH2
1 slotted screwdriver **No. 4724**: 0.6 x 3.5 x 25 mm

96830286

23 combination spanners **No. 13**: 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 23; 24; 27; 29; 30; 32 mm
11 double open-ended spanners **No. 10**: 6 x 7; 8 x 9; 10 x 11; 10 x 12; 10 x 13; 13 x 14; 14 x 15; 16 x 17; 18 x 19; 20 x 22; 21 x 24
4 double-ended ring spanners TORX® **No. 21TX**: E6 x E8; E10 x E12; E14 x E18; E20 x E24

96830287

4 slotted screwdrivers **No. 4620**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 water pump pliers **No. 6572**: L. 240 mm
4 circlip pliers **No. 6543, 6545**: J1; J2; A1; A2
1 combination pliers **No. 6700**: L. 180 mm
1 heavy-duty side cutters **No. 6721** L. 160 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 telephone pliers **No. 6731**: L. 200 mm



93/250QR

98830180 Tool assortment with tool trolley

— safely integrated in the modular Tool Control System (TCS)
— 1 tool trolley, anthracite **No. 93/6 A**: 6 drawers

Product no.	L mm	W mm	H mm	Number drawers	Content pcs.	kg
98830180	481	877	1000	6	250	85.5


96830264


96830265


96830266


96830267


96830268


96830269


96830271


96830272


96830273


96830274

Contains 250-pieces:

96830264

11 sockets with hex 1/4" **No. 40**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
2 QuickRelease extensions 1/4" **No. 405QR**: L. 54; 150 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 bit adaptor, manual 1/4" **No. 3116**: L. 25 mm
2 QuickRelease extensions 1/2" **No. 509QR**: L. 130; 255 mm
1 QuickRelease fine-tooth ratchet 1/2" **No. 512QR N80**: L. 265.5 mm

1 square drive adaptor **No. 410**: 1/4 to 1/2"
1 square drive adaptor **No. 513**: 1/2 to 3/8"
1 bit holder 1/4" **No. 412**: L. 25 mm

96830265
2 bit ratchet screwdrivers 1/4" **No. 4008**: L. 95; 250 mm
1 bit holder 1/4" **No. 4009**: L. 176 mm
1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces

96830266
1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 combination pliers **No. 6700**: L. 180 mm

96830267
16 combination spanners **No. 13**: 6; 7; 8; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24 mm
1 adjustable spanner **No. 4025** max. 34 mm
5 combination ratchet spanners, flat **No. 17F**: 8; 10; 13; 17; 19 mm

96830268
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
2 slotted screwdrivers **No. 4620**: 0.8 x 4 x 100; 1.6 x 10 x 200 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 cable knife **No. 12320**: Blade length: 90 mm
1 tape measure **No. 12935**: L. 3 m
1 mini magnetic lifter **No. 12600**: 270 g
1 torch **No. 13132**: 130 lm
1 wooden folding ruler **No. 13112**: L. 2 m
1 ball-ended L-Key set TORX® **No. 10771/8**: T9; T10; T15; T20; T25; T27; T30; T40
1 ball-ended L-Key set hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

96830269
1 engineer's hammer **No. 10961**: 500 g
1 dead blow hammer **No. 10959**: Ø 35 mm
1 flat chisel **No. 102**: W. 21; L. 175 mm
1 pin punch **No. 108**: Ø 6 mm
1 centre punch **No. 105**: Ø 10 mm
1 pin punch **No. 109**: Ø 3.4 mm
1 drift punch **No. 104**: Ø 4 mm

96830271
1 screw extractor set **No. 900/6 T**: M3-M4; M5-M7; M8-M11; M10-M12; M14-M16; M18-M22
1 warding file set **No. 12800**: 6-pieces
1 flat file **No. 12036**: L. 260 mm
1 gasket scraper **No. 12718**: L. 265 mm
1 safety knife **No. 12965**: L. 165 mm
1 wire brush **No. 12377**: L. 270 mm
1 steel ruler **No. 13110**: L. 300 mm
1 hacksaw **No. 12050**: Blade length: 300 mm
1 tungsten carbide scriber **No. 12322**: Ø 3.15 mm
1 wire cutters **No. 13148**: L. 150 mm
1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1.00 mm

96830272
15 double open-ended spanners **No. 12**: 3.2; 3.5; 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
13 combination spanners **No. 14**: 6; 8; 10; 13; 14; 17; 19; 21; 22; 24; 27; 30; 32 mm

96830273
4 circlip pliers **No. 6543-6546**: J2; J21; A2; A21

96830274
9 screwdriver sockets TORX® 1/2" **No. 54TX**: T20; T25; T27; T30; T40; T45; T50; T55; T60
10 screwdriver sockets INHEX 1/2" **No. 54**: 4; 5; 6; 7; 8; 10; 12; 14; 17; 19 mm
2 screwdriver sockets TORX® 1/2" **No. 1054TX**: T30; T50
2 screwdriver sockets INHEX 1/2" **No. 1054/2054**: 6; 8 mm
4 screwdriver sockets INHEX 1/4" **No. 44**: 3; 4; 5; 6 mm
8 screwdriver sockets TORX® 1/4" **No. 44KTX**: T8; T10; T15; T20; T25; T27; T30; T40
5 screwdriver sockets INHEX 1/4" **No. 44K**: 3; 4; 5; 6; 8 mm



Tool assortments

Top features tool trolley 95 PRO
for mobile use in the workshop

— three-stage safety concept:
  — central locking with a lateral cylinder lock and folding key
  — individual locks prevent inadvertent opening during transit
  — tilt protection - it is not possible to pull out several drawers at the same time
— black lacquered steel handle with reinforced body connection
— all-round impact protection with impact damping
— tightly welded, scratch resistant worktop prevents liquids from penetrating
— oil and acid-resistant wheels (Ø 125 mm) with bearings protected from the ingress of dirt and fibres, and two parking brakes
— paper roll holder and spray can holder included
— 6, 7 or 8 easy-to-remove drawers (black, RAL 9005) with full extension and ball bearing cage guide
— perforation on both sides for hooks 8031-8041, e.g. for larger tools



95/157QR

98830192 Tool assortment with tool trolley
— safely integrated in the modular Tool Control System (TCS)
— 1 tool trolley, anthracite **No. 95/7 A PRO**: 7 drawers

Product no.	L mm	W mm	H mm	Number drawers	Content pcs.	kg
98830192	497	823	1021	7	157	101


96830264


96830265


96830266


96830267



96830268


96830269

Contains 157-pieces:

96830264
11 sockets with hex 1/4" **No. 40**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
2 QuickRelease extensions 1/4" **No. 405QR**: L. 54; 150 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 bit adaptor, manual 1/4" **No. 3116**: L. 25 mm
2 QuickRelease extensions 1/2" **No. 509QR**: L. 130; 255 mm
1 QuickRelease fine-tooth ratchet 1/2" **No. 512QR N80**: L. 265.5 mm
1 square drive adaptor **No. 410**: 1/4 to 1/2"
1 square drive adaptor **No. 513**: 1/2 to 3/8"
1 bit holder 1/4" **No. 412**: L. 25 mm

96830265
2 bit ratchet screwdrivers 1/4" **No. 4008**: L. 95; 250 mm
1 bit holder 1/4" **No. 4009**: L. 176 mm
1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces

96830266
1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 combination pliers **No. 6700**: L. 180 mm

96830267
16 combination spanners **No. 13**: 6; 7; 8; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24 mm
1 adjustable spanner **No. 4025** max. 34 mm
5 combination ratchet spanners, flat **No. 17F**: 8; 10; 13; 17; 19 mm

96830268
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
2 slotted screwdrivers **No. 4620**: 0.8 x 4 x 100; 1.6 x 10 x 200 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 cable knife **No. 12320**: Blade length: 90 mm
1 tape measure **No. 12935**: L. 3 m
1 mini magnetic lifter **No. 12600**: 270 g
1 torch **No. 13132**: 130 lm

1 wooden folding ruler **No. 13112**: L. 2 m
1 ball-ended L-Key set TORX® **No. 10771/8**: T9; T10; T15; T20; T25; T27; T30; T40
1 ball-ended L-Key set hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

96830269
1 engineer's hammer **No. 10961**: 500 g
1 dead blow hammer **No. 10959**: Ø 35 mm
1 flat chisel **No. 102**: W. 20; L. 175 mm
1 pin punch **No. 108**: Ø 6 mm
1 centre punch **No. 105**: Ø 10 mm
1 pin punch **No. 109**: Ø 3.4 mm
1 drift punch **No. 104**: Ø 4 mm



95/250QR

98830193 Tool assortment with tool trolley
— safely integrated in the modular Tool Control System (TCS)
— 1 tool trolley, anthracite **No. 95/7 A PRO**: 7 drawers

Product no.	L mm	W mm	H mm	Number drawers	Content pcs.	kg
98830193	497	823	1021	7	250	111


96830264


96830265


96830266


96830267


96830268


96830269


96830271


96830272


96830273


96830274

Contains 250-pieces:
96830264
11 sockets with hex 1/4" **No. 40**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
2 QuickRelease extensions 1/4" **No. 405QR**: L. 54; 150 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 bit adaptor, manual 1/4" **No. 3116**: L. 25 mm
2 QuickRelease extensions 1/2" **No. 509QR**: L. 130; 255 mm
1 QuickRelease fine-tooth ratchet 1/2" **No. 512QR N80**: L. 265.5 mm
1 square drive adaptor **No. 410**: 1/4 to 1/2"
1 square drive adaptor **No. 513**: 1/2 to 3/8"
1 bit holder 1/4" **No. 412**: L. 25 mm

Tool assortments

96830265
2 bit ratchet screwdrivers 1/4" **No. 4008**: L. 95; 250 mm
1 bit holder 1/4" **No. 4009**: L. 176 mm
1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces

96830266
1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 combination pliers **No. 6700**: L. 180 mm

96830267
16 combination spanners **No. 13**: 6; 7; 8; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24 mm
1 adjustable spanner **No. 4025** max. 34 mm
5 combination ratchet spanners, flat **No. 17F**: 8; 10; 13; 17; 19 mm

96830268
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
2 slotted screwdrivers **No. 4620**: 0.8 x 4 x 100; 1.6 x 10 x 200 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 cable knife **No. 12320**: Blade length: 90 mm
1 tape measure **No. 12935**: L. 3 m
1 mini magnetic lifter **No. 12600**: 270 g
1 torch **No. 13132**: 130 lm
1 wooden folding ruler **No. 13112**: L. 2 m
1 ball-ended L-Key set TORX® **No. 10771/8**: T9; T10; T15; T20; T25; T27; T30; T40
1 ball-ended L-Key set hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

96830269
1 engineer's hammer **No. 10961**: 500 g
1 dead blow hammer **No. 10959**: Ø 35 mm
1 flat chisel **No. 102**: W. 20; L. 175 mm
1 pin punch **No. 108**: Ø 6 mm
1 centre punch **No. 105**: Ø 10 mm
1 pin punch **No. 109**: Ø 3.4 mm
1 drift punch **No. 104**: Ø 4 mm

96830271
1 screw extractor set **No. 900/6 T**: M3-M4; M5-M7; M8-M11; M10-M12; M14-M16; M18-M22
1 warding file set **No. 12800**: 6-pieces
1 flat file **No. 12036**: L. 260 mm
1 gasket scraper **No. 12718**: L. 265 mm
1 safety knife **No. 12965**: L. 165 mm
1 wire brush **No. 12377**: L. 270 mm
1 steel ruler **No. 13110**: L. 300 mm
1 hacksaw **No. 12050**: Blade length: 300 mm
1 tungsten carbide scriber **No. 12322**: Ø 3.15 mm
1 wire cutters **No. 13148**: L. 150 mm
1 precision feeler gauges, 20 blades **No. 11095:** 0.05-1.00 mm

96830272
15 double open-ended spanners **No. 12**: 3.2; 3.5; 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
13 combination spanners **No. 14**: 6; 8; 10; 13; 14; 17; 19; 21; 22; 24; 27; 30; 32 mm

96830273
4 circlip pliers **No. 6543-6546**: J2; J21; A2 A21

96830274
9 screwdriver sockets TORX® 1/2" **No. 54TX**: T20; T25; T27; T30; T40; T45; T50; T55; T60
10 screwdriver sockets INHEX 1/2" **No. 54**: 4; 5; 6; 7; 8; 10; 12; 14; 17; 19 mm
2 screwdriver sockets TORX® 1/2" **No. 1054TX**: T30; T50
2 screwdriver sockets INHEX 1/2" **No. 1054/2054**: 6; 8 mm
4 screwdriver sockets INHEX 1/4" **No. 44**: 3; 4; 5; 6 mm
8 screwdriver sockets TORX® 1/4" **No. 44KTX**: T8; T10; T15; T20; T25; T27; T30; T40
5 screwdriver sockets INHEX 1/4" **No. 44K**: 3; 4; 5; 6; 8 mm



98/250QR

98830234 Tool assortment with tool trolley
— 1 tool trolley, anthracite **No. 98/7 A PRO**: 7 drawers
— Key features of tool trolley (see page 285)
Contains 250-pieces: with the TCS inserts of the 95/250QR tool assortment (98830193), but with a larger tool trolley

Product no.	L mm	W mm	H mm	Number drawers	Content pcs.	kg
98830234	651	1001	1020	7	250	111



Top features workbench WB 621
for mobile use in the workshop

— three-stage safety concept:
  — central locking with a lateral cylinder lock and folding key
  — individual locks prevent inadvertent opening during transit
  — tilt protection - it is not possible to pull out several drawers at the same time
— 7 easy-to-remove drawers with full extension runners and ball bearing cage guide
— 2 drawers in generous XXL format, 880 mm
— lockable cabinet compartment with height-adjustable shelf (70 mm grid)
— cabling through 2 rubberized grommets
— removable cable duct on the back side
— oil and acid-resistant wheels (Ø 125 mm) with thread guards to protect the bearings from dirt and threads, with two locking brakes
— body RAL 7016, drawers RAL 9005 in durable industrial powder coating
— Paper roll holder
— available separately: e-kit consisting of a magnetic multi-plugwith 2 USB ports, a magnetic holder (flexible positioning on anymetallic part of the workbench), and a cable holder



WB 621/161QR

98830194 Tool assortment with workbench
— for service and maintenance work on industrial systems
— metric tools
— safely integrated in the modular Tool Control System (TCS)
— 1 workbench, anthracite **No. WB 621**: 7 drawers and cabinet compartment

Product no.	L mm	W mm	H mm	Number drawers	Content pcs.	kg
98830194	500	1150	1045	7 + 1 cabinet compartment	161	107.5


96830264


96830265


96830266


96830267



96830268


96830269


96830273

Contains 161-pieces:

96830264
11 sockets with hex 1/4" **No. 40**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
2 QuickRelease extensions 1/4" **No. 405QR**: L. 54; 150 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 bit adaptor, manual 1/4" **No. 3116**: L. 25 mm
2 QuickRelease extensions 1/2" **No. 509QR**: L. 130; 255 mm
1 QuickRelease fine-tooth ratchet 1/2" **No. 512QR N80**: L. 265.5 mm
1 square drive adaptor **No. 410**: 1/4 to 1/2"
1 square drive adaptor **No. 513**: 1/2 to 3/8"
1 bit holder 1/4" **No. 412**: L. 25 mm

96830265
2 bit ratchet screwdrivers 1/4" **No. 4008**: L. 95; 250 mm
1 bit holder 1/4" **No. 4009**: L. 176 mm

Tool assortments

1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces

96830266
1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 combination pliers **No. 6700**: L. 180 mm

96830267
16 combination spanners **No. 13**: 6; 7; 8; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24 mm
1 adjustable spanner **No. 4025** max. 34 mm
5 combination ratchet spanners, flat **No. 17F**: 8; 10; 13; 17; 19 mm

96830268
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
2 slotted screwdrivers **No. 4620**: 0.8 x 4 x 100; 1.6 x 10 x 200 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3

1 cable knife **No. 12320**: Blade length: 90 mm
1 tape measure **No. 12935**: L. 3 m
1 mini magnetic lifter **No. 12600**: 270 g
1 torch **No. 13132**: 130 lm
1 wooden folding ruler **No. 13112**: L. 2 m
1 ball-ended L-Key set TORX® **No. 10771/8**: T9; T10; T15; T20; T25; T27; T30; T40
1 ball-ended L-Key set hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

96830269
1 engineer's hammer **No. 10961**: 500 g
1 dead blow hammer **No. 10959**: Ø 35 mm
1 flat chisel **No. 102**: W. 21; L. 175 mm
1 pin punch **No. 108**: Ø 6 mm
1 centre punch **No. 105**: Ø 10 mm
1 pin punch **No. 109**: Ø 3.4 mm
1 drift punch **No. 104**: Ø 4 mm

96830273
4 circlip pliers **No. 6543-6546**: J2; J21; A2; A21



WB 621/238QR

98830204 Tool assortment with workbench
— for service and maintenance work on agricultural, construction and commercial vehicles
— metric tools
— extra-long spanners for hard-to-reach bolted joints and greater force transmission
— safely integrated in the modular Tool Control System (TCS)
— 1 workbench, anthracite **No. WB 621**: 7 drawers and cabinet compartment

Product no.	L mm	W mm	H mm	Number drawers	Content pcs.	kg
98830204	500	1150	1045	7 + 1 Fach	238	135


96830288


96830289



96830291


96830292


96830290

Contains 238-pieces:
96830288
23 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 25; 26; 27; 28; 30; 32; 34; 36 mm
10 screwdriver sockets INHEX 1/2" **No. 54**: 4; 5; 6; 7; 8; 10; 12; 14; 17; 19 mm
3 screwdriver sockets TORX® 1/2" **No. 54TX**: T20; T25; T27
6 screwdriver sockets TORX® 1/2" **No. 1054TX**: T30; T40; T45; T50; T55; T60
11 sockets with hex 1/4" **No. 40**: 5; 5.5; 6; 7; 8; 9; 10; 11;12; 13; 14 mm

4 screwdriver sockets INHEX 1/4" **No. 44K**: 4; 5; 6; 8 mm
6 screwdriver sockets TORX® 1/4" **No. 44KTX**: T8; T9; T10; T15; T20; T25
1 square drive adaptor **No. 410**: 1/4 to 1/2"
1 bit holder 1/4" **No. 412**: L. 25 mm
1 bit adaptor, manual 1/4" **No. 3116**: L. 25 mm
1 bit ratchet screwdriver 1/4" **No. 4008**: L. 250 mm
1 telescopic ratchet 1/2" **No. 516**: L. 410-630 mm
1 QuickRelease T-handle 1/2" **No. 506QR**: L. 300 mm
2 QuickRelease extensions 1/2" **No. 509QR**: L. 130; 255 mm
1 QuickRelease universal joint 1/2" **No. 510QR**: L. 80 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 QuickRelease drive handle 1/4" **No. 400QR**: L. 150 mm
2 QuickRelease extensions 1/4" **No. 405QR**: L. 54; 150 mm
1 QuickRelease T-handle 1/4" **No. 404QR**: L. 116 mm
1 QuickRelease universal joint 1/4" **No. 407QR**: L. 45 mm
1 bit fine-tooth ratchet 1/4" **No. 415SGB N**: L. 117 mm
1 QuickRelease fine-tooth ratchet 3/8" **No. 435QR N**: L. 193 mm
1 QuickRelease extensions 3/8" **No. 427QR**: L. 160 mm
1 square drive adaptor **No. 432**: 1/2 to 3/8"
1 square drive adaptor **No. 431**: 1/4 to 3/8"
1 automotive circuit tester **No. 12905**: 6-12 and 24 V
1 L-Key set hex **No. 10767/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
2 L-Keys hex **No. 10765**: 12; 14 mm
1 L-Key set TORX® **No. 10766/8**: T9; T10; T15; T20; T25; T27; T30; T40
1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces

96830289
7 pin punches **No. 108**: Ø 2; 3; 4; 5; 6; 8; 10 mm
1 centre punch **No. 105**: Ø 12 mm
1 engineer's hammer **No. 10961**: 500 g
1 flat chisel **No. 102**: W. 24; L. 200 mm
1 soft-face hammer **No. 10959**: Ø 50 mm
1 cross-cut chisel **No. 103**: W. 18; L. 200 mm
1 engineer's hammer **No. 10961**: 1500 g

1 gasket scraper **No. 12718**: L. 265 mm
1 lever bar **No. 11007**: L. 400 mm
1 magnetic lifter **No. 12600**: 3000 g
1 tape measure **No. 12935**: L. 5 m
1 flat file **No. 12036**: L. 260 mm
1 half-round file **No. 12030**: L. 260 mm
1 round file **No. 12025**: L. 210 mm
1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1.00 mm
1 adjustable spanner **No. 4025** max. 39 mm
1 wire brush **No. 12374**: L. 290 mm

96830290
22 combination spanners **No. 14**: 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32; 36 mm

96830291
1 caliper **No. 12900**: Measuring range: 150 mm/6"
1 PH cross-head screwdriver **No. 4734**: PH2
1 slotted screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 cable knife **No. 12320**: Blade length: 90 mm
6 TORX® screwdrivers **No. 4650**: T10; T15; T20; T25; T30; T40
3 PH cross-head screwdrivers with impact cap **No. 4632SK**: PH1; PH2; PH3
4 slotted screwdrivers with impact cap **No. 4622SK**: 0.8 x 4.0 x 90; 1.0 x 5.5 x 100; 1.2 x 6.5 x 125; 1.2 x 8.0 x 150 mm
1 PH cross-head screwdriver **No. 4632**: PH4
1 torch **No. 13132**: 130 lm
1 wooden folding ruler **No. 13112**: L. 2 m

96830292
8 circlip pliers **No. 6543-6546**: J1; J2; J11; J21; A1; A2; A11; A21
1 side cutters **No. 6720**: L. 160 mm
1 water pump pliers **No. 6572**: L. 240 mm
1 telephone pliers **No. 6730**: L. 160 mm
1 combination pliers **No. 6700**: L. 180 mm
1 wire strippers: max. Ø 4 mm²
1 crimping pliers **No. 6638**: L. 220 mm





WB 621/267QR

98830195 Tool assortment with workbench

— safely integrated in the modular Tool Control System (TCS)
— 1 workbench, anthracite **No WB 621**: 7 drawers and cabinet compartment

Product no.	L mm	W mm	H mm	Number drawers	Content pcs.	kg
98830195	500	1150	1045	7 + 1 cabinet compartment	267	137



96830264



96830265



96830266



96830267



96830268



96830269



96830270



96830271



96830272



96830273



96830274



96830275

Contains 267-pieces:

96830264

11 sockets with hex 1/4" **No. 40**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
2 QuickRelease extensions 1/4" **No. 405QR**: L. 54; 150 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 bit adaptor, manual 1/4" **No. 3116**: L. 25 mm
2 QuickRelease extensions 1/2" **No. 509QR**: L. 130; 255 mm
1 QuickRelease fine-tooth ratchet 1/2" **No. 512QR N80**: L. 265.5 mm
1 square drive adaptor **No. 410**: 1/4 to 1/2"
1 square drive adaptor **No. 513**: 1/2 to 3/8"
1 bit holder 1/4" **No. 412**: L. 25 mm

96830265

2 bit ratchet screwdrivers 1/4" **No. 4008**: L. 95; 250 mm
1 bit holder 1/4" **No. 4009**: L. 176 mm
1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces

96830266

1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 combination pliers **No. 6700**: L. 180 mm

96830267
16 combination spanners **No. 13**: 6; 7; 8; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24 mm
1 adjustable spanner **No. 4025** max. 34 mm
5 combination ratchet spanners, flat **No. 17F**: 8; 10; 13; 17; 19 mm

96830268
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
2 slotted screwdrivers **No. 4620**: 0.8 x 4 x 100; 1.6 x 10 x 200 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 cable knife **No. 12320**: Blade length: 90 mm
1 tape measure **No. 12935**: L. 3 m
1 mini magnetic lifter **No. 12600**: 270 g
1 torch **No. 13132**: 130 lm
1 wooden folding ruler **No. 13112**: L. 2 m
1 ball-ended L-Key set TORX® **No. 10771/8**: T9; T10; T15; T20; T25; T27; T30; T40
1 ball-ended L-Key set hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

96830269
1 engineer's hammer **No. 10961**: 500 g
1 dead blow hammer **No. 10959**: Ø 35 mm
1 flat chisel **No. 102**: W. 20; L. 175 mm
1 pin punch **No. 108**: Ø 6 mm
1 centre punch **No. 105**: Ø 10 mm
1 pin punch **No. 109**: Ø 3.4 mm
1 drift punch **No. 104**: Ø 4 mm

96830270
4 electrician's slotted screwdrivers **No. 4751**: 0.3 x 1.5; 0.4 x 2; 0.4 x 2.5; 0.5 x 3 mm
3 electrician's PH cross-head screwdrivers **No. 4752**: PH00; PH0; PH1
1 electronics needle nose pliers **No. 6711**: L. 130 mm
1 mini electronics side cutters **No. 6708** L. 115 mm

96830271
1 screw extractor set **No. 900/6 T**: M3-M4; M5-M7; M8-M11; M10-M12; M14-M16; M18-M22
1 warding file set **No. 12800**: 6-pieces
1 flat file **No. 12036**: L. 260 mm
1 gasket scraper **No. 12718**: L. 265 mm
1 safety knife **No. 12965**: L. 165 mm
1 wire brush **No. 12377**: L. 270 mm
1 steel ruler **No. 13110**: L. 300 mm
1 hacksaw **No. 12050**: Blade length: 300 mm
1 tungsten carbide scriber **No. 12322**: Ø 3.15 mm
1 wire cutters **No. 13148**: L. 150 mm
1 precision feeler gauges, 20 blades **No. 11095:** 0.05-1.00 mm

96830272
13 combination spanners **No. 14**: 6; 8; 10; 13; 14; 17; 19; 21; 22; 24; 27; 30; 32 mm
15 double open-ended spanners **No. 12**: 3.2; 3.5; 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm

96830273
4 circlip pliers **No. 6543-6546**: J2; J21; A2; A21

96830274
9 screwdriver sockets TORX® 1/2" **No. 54TX**: T20; T25; T27; T30; T40; T45; T50; T55; T60
10 screwdriver sockets INHEX 1/2" **No. 54**: 4; 5; 6; 7; 8; 10; 12; 14; 17; 19 mm
2 screwdriver sockets TORX® 1/2" **No. 1054TX**: T30; T50
2 screwdriver sockets INHEX 1/2" **No. 1054/2054**: 6; 8 mm
4 screwdriver sockets INHEX 1/4" **No. 44**: 3; 4; 5; 6 mm
8 screwdriver sockets TORX® 1/4" **No. 44KTX**: T8; T10; T15; T20; T25; T27; T30; T40
5 screwdriver sockets INHEX 1/4" **No. 44K**: 3; 4; 5; 6; 8 mm

96830275
1 slotted screwdriver **No. 4620**: 1.0 x 5.5 x 125 mm
4 PZ cross-head screwdrivers **No. 4640**: PZ0; PZ1; PZ2; PZ3
2 PH cross-head screwdrivers **No. 4734**: PH1; PH2
1 voltage tester **No. 10554**: 125-250 V

TOOLS THAT
... inspire

Top features workbench WB 625
for mobile use in the workshop

— three-stage safety concept:
  — central locking with a lateral cylinder lock and folding key
  — individual locks prevent inadvertent opening during transit
  — tilt protection - it is not possible to pull out several drawers at the same time
— 7 drawers with full extension runners and ball bearing cage guide
— large work surface with FSC-certified birch multiplex worktop (1150 x 500 x 30 mm)
— working height of 104 cm
— stainless steel decorative trim
— oil and acid-resistant wheels (Ø 125 mm) with thread guard and 2 parking brakes
— body RAL 7016, drawers and cabinet RAL 9005 in durable industrial powder coating
— perforation on the side for hooks 8031-8041, e.g. for larger tools
— Drawer dimensions: 1-4 up to 40 kg, 3-7 up to 60 kg



WB 625/161QR

98830179 Tool assortment with workbench
— safely integrated in the modular Tool Control System (TCS)
— 1 workbench, anthracite **No. WB 625**: 7 drawers

Product no.	L mm	W mm	H mm	Number drawers	Content pcs.	kg
98830179	500	1150	1045	7	161	119


96830264


96830265


96830266


96830267



96830268


96830269


96830273

Contains 161-pieces:

96830264
11 sockets with hex 1/4" **No. 40**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
2 QuickRelease extensions 1/4" **No. 405QR**: L. 54; 150 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 bit adaptor, manual 1/4" **No. 3116**: L. 25 mm
2 QuickRelease extensions 1/2" **No. 509QR**: L. 130; 255 mm
1 QuickRelease fine-tooth ratchet 1/2" **No. 512QR N80**: L. 265.5 mm
1 square drive adaptor **No. 410**: 1/4 to 1/2"
1 square drive adaptor **No. 513**: 1/2 to 3/8"
1 bit holder 1/4" **No. 412**: L. 25 mm

96830265
2 bit ratchet screwdrivers 1/4" **No. 4008**: L. 95; 250 mm
1 bit holder 1/4" **No. 4009**: L. 176 mm
1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces

96830266
1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 combination pliers **No. 6700**: L. 180 mm

96830267
16 combination spanners **No. 13**: 6; 7; 8; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24 mm
1 adjustable spanner **No. 4025** max. 34 mm
5 combination ratchet spanners, flat **No. 17F**: 8; 10; 13; 17; 19 mm

96830268
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
2 slotted screwdrivers **No. 4620**: 0.8 x 4 x 100; 1.6 x 10 x 200 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 cable knife **No. 12320**: Blade length: 90 mm
1 tape measure **No. 12935**: L. 3 m
1 mini magnetic lifter **No. 12600**: 270 g
1 torch **No. 13132**: 130 lm

1 wooden folding ruler **No. 13112**: L. 2 m
1 ball-ended L-Key set TORX® **No. 10771/8**: T9; T10; T15; T20; T25; T27; T30; T40
1 ball-ended L-Key set hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

96830269
1 engineer's hammer **No. 10961**: 500 g
1 dead blow hammer **No. 10959**: Ø 35 mm
1 flat chisel **No. 102**: W. 20; L. 175 mm
1 pin punch **No. 108**: Ø 6 mm
1 centre punch **No. 105**: Ø 10 mm
1 pin punch **No. 109**: Ø 3.4 mm
1 drift punch **No. 104**: Ø 4 mm

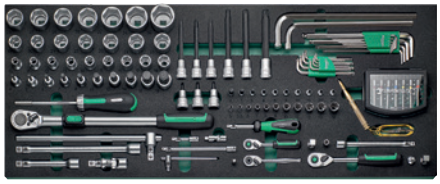
96830273
4 circlip pliers **No. 6543-6546**: J2; J21; A2; A21



WB 625/238QR

98830205 Tool assortment with workbench
— for service and maintenance work on agricultural, construction and commercial vehicles
— metric tools
— extra-long spanners for hard-to-reach bolted joints and greater force transmission
— safely integrated in the modular Tool Control System (TCS)
— 1 workbench, anthracite **No WB 625**: 7 drawers

Product no.	L mm	W mm	H mm	Number drawers	Content pcs.	kg
98830205	500	1150	1045	7	238	135

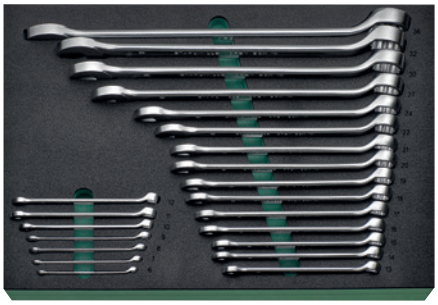

96830288


96830289



96830291


96830292


96830290

Contains 238-pieces:
96830288
23 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 25; 26; 27; 28; 30; 32; 34; 36 mm
10 screwdriver sockets INHEX 1/2" **No. 54**: 4; 5; 6; 7; 8; 10; 12; 14; 17; 19 mm
3 screwdriver sockets TORX® 1/2" **No. 54TX**: T20; T25; T27
6 screwdriver sockets TORX® 1/2" **No. 1054TX**: T30; T40; T45; T50; T55; T60
11 sockets with hex 1/4" **No. 40**: 5; 5.5; 6; 7 ;8; 9; 10; 11;12; 13; 14 mm

Tool assortments

4 screwdriver sockets INHEX 1/4" **No. 44K**: 4; 5; 6; 8 mm
6 screwdriver sockets TORX® 1/4" **No. 44KTX**: T8; T9; T10; T15; T20; T25
1 square drive adaptor **No. 410**: 1/4 to 1/2"
1 bit holder 1/4" **No. 412**: L. 25 mm
1 bit adaptor, manual 1/4" **No. 3116**: L. 25 mm
1 bit ratchet screwdriver 1/4" **No. 4008**: L. 250 mm
1 telescopic ratchet 1/2" **No. 516**: L. 410-630 mm
1 QuickRelease T-handle 1/2" **No. 506QR**: L. 300 mm
2 QuickRelease extensions 1/2" **No. 509QR**: L. 130; 255 mm
1 QuickRelease universal joint 1/2" **No. 510QR**: L. 80 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 QuickRelease drive handle 1/4" **No. 400QR**: L. 150 mm
2 QuickRelease extensions 1/4" **No. 405QR**: L. 54; 150 mm
1 QuickRelease T-handle 1/4" **No. 404QR**: L. 116 mm
1 QuickRelease universal joint 1/4" **No. 407QR**: L. 45 mm
1 bit fine-tooth ratchet 1/4" **No. 415SGB N**: L. 117 mm
1 QuickRelease fine-tooth ratchet 3/8" **No. 435QR N**: L. 193 mm
1 QuickRelease extensions 3/8" **No. 427QR**: L. 160 mm
1 square drive adaptor **No. 432**: 3/8 to 1/2"
1 square drive adaptor **No. 431**: 3/8 to 1/4"
1 automotive circuit tester **No. 12905**: 6-12 and 24 V
1 L-Key set hex **No. 10767/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
2 L-Keys hex **No. 10765**: 12; 14 mm
1 L-Key set TORX® **No. 10766/8**: T9; T10; T15; T20; T25; T27; T30; T40
1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces

96830289
3 pin punches **No. 108**: Ø 4; 6; 8 mm
1 centre punch **No. 105**: Ø 12 mm
4 pin punches **No. 108**: Ø 2; 3; 5; 10 mm
1 engineer's hammer **No. 10961**: 500 g
1 flat chisel **No. 102**: W. 24; L. 200 mm
1 soft-face hammer **No. 10959**: Ø 50 mm
1 cross-cut chisel **No. 103**: W. 18; L. 200 mm
1 engineer's hammer **No. 10961**: 1500 g
1 gasket scraper **No. 12718**: L. 265 mm
1 lever bar **No. 11007**: L. 400 mm
1 magnetic lifter **No. 12600**: 3000 g
1 tape measure **No. 12935**: L. 5 m
1 flat file **No. 12036**: L. 260 mm
1 half-round file **No. 12030**: L. 260 mm
1 round file **No. 12025**: L. 210 mm
1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1.00 mm
1 adjustable spanner **No. 4025**: max. 39 mm
1 wire brush **No. 12374**: L. 290 mm

96830290
22 combination spanners **No. 14**: 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32; 36 mm

96830291
1 caliper **No. 12900**: Measuring range: 150 mm/6"
1 PH cross-head screwdriver **No. 4734**: PH2
1 slotted screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 cable knife **No. 12320**: Blade length: 90 mm
6 TORX® screwdrivers **No. 4650**: T10; T15; T20; T25; T30; T40
3 PH cross-head screwdrivers with impact cap **No. 4632SK**: PH1; PH2; PH3
4 slotted screwdrivers with impact cap **No. 4622SK**: 0.8 x 4.0 x 90; 1.0 x 5.5 x 100; 1.2 x 6.5 x 125; 1.2 x 8.0 x 150 mm
1 PH cross-head screwdriver **No. 4632**: PH4
1 torch **No. 13132**: 130 lm
1 wooden folding ruler **No. 13112**: L. 2 m

96830292
8 circlip pliers **No. 6543-6546**: J1; J2; J11; J21; A1; A2; A11; A21
1 side cutters **No. 6720**: L. 160 mm
1 water pump pliers **No. 6572**: L. 240 mm
1 telephone pliers **No. 6730**: L. 160 mm
1 combination pliers **No. 6700**: L. 180 mm
1 wire strippers: max. Ø 4 mm²
1 crimping pliers **No. 6638**: L. 220 mm

TOOLS THAT
... inspire



WB 625/267QR

98830181 Tool assortment with workbench

— safely integrated in the modular Tool Control System (TCS)
— 1 workbench, anthracite **No. WB 625**: 7 drawers

Product no.	L mm	W mm	H mm	Number drawers	Content pcs.	kg
98830181	500	1150	1045	7	267	151



96830264



96830265



96830266



96830267



96830268



96830269



96830270



96830271



96830272



96830273



96830275



96830274

Contains 267-pieces:

96830264

11 sockets with hex 1/4" **No. 40**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
2 QuickRelease extensions 1/4" **No. 405QR**: L. 54; 150 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 bit adaptor, manual 1/4" **No. 3116**: L. 25 mm
2 QuickRelease extensions 1/2" **No. 509QR**: L. 130; 255 mm
1 QuickRelease fine-tooth ratchet 1/2" **No. 512QR N80**: L. 265.5 mm
1 square drive adaptor **No. 410**: 1/4 to 1/2"
1 square drive adaptor **No. 513**: 1/2 to 3/8"
1 bit holder 1/4" **No. 412**: L. 25 mm

96830265

2 bit ratchet screwdrivers 1/4" **No. 4008**: L. 95; 250 mm
1 bit holder 1/4" **No. 4009**: L. 176 mm
1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces

96830266

1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutter **No. 6721**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 combination pliers **No. 6700**: L. 180 mm

96830267

16 combination spanners **No. 13**: 6; 7; 8; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24 mm
1 adjustable spanner **No. 4025** max. 34 mm
5 combination ratchet spanners, flat **No. 17F**: 8; 10; 13; 17; 19 mm

Tool assortments

96830268
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
2 slotted screwdrivers **No. 4620**: 0.8 x 4 x 100; 1.6 x 10 x 200 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 cable knife **No. 12320**: Blade length: 90 mm
1 tape measure **No. 12935**: L. 3 m
1 mini magnetic lifter **No. 12600**: 270 g
1 torch **No. 13132**: 130 lm
1 wooden folding ruler **No. 13112**: L. 2 m
1 ball-ended L-Key set TORX® **No. 10771/8**: T9; T10; T15; T20; T25; T27; T30; T40
1 ball-ended L-Key set hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

96830269
1 engineer's hammer **No. 10961**: 500 g
1 dead blow hammer **No. 10959**: Ø 35 mm
1 flat chisel **No. 102**: W. 20; L. 175 mm
1 pin punch **No. 108**: Ø 6 mm
1 centre punch **No. 105**: Ø 10 mm
1 pin punch **No. 109**: Ø 3.4 mm
1 drift punch **No. 104**: Ø 4 mm

96830270
4 electrician's slotted screwdrivers **No. 4751**: 0.3 x 1.5; 0.4 x 2; 0.4 x 2.5; 0.5 x 3 mm
3 electrician's PH cross-head screwdrivers **No. 4752**: PH00; PH0; PH1
1 electronics needle nose pliers **No. 6711**: L. 130 mm
1 mini electronics side cutters **No. 6708** L. 115 mm

96830271
1 screw extractor set **No. 900/6 T**: M3-M4; M5-M7; M8-M11; M10-M12; M14-M16; M18-M22
1 warding file set **No. 12800**: 6-pieces

1 flat file **No. 12036**: L. 260 mm
1 gasket scraper **No. 12718**: L. 265 mm
1 safety knife **No. 12965**: L. 165 mm
1 wire brush **No. 12377**: L. 270 mm
1 steel ruler **No. 13110**: L. 300 mm
1 hacksaw **No. 12050**: Blade length: 300 mm
1 scriber **No. 12322**: Ø 3.15 mm
1 wire cutters **No. 13148**: L. 150 mm
1 precision feeler gauges, 20 blades **No. 11095/20:** 0.05-1.00 mm

96830272
13 combination spanners **No. 14**: 6; 8; 10; 13; 14; 17; 19; 21; 22; 24; 27; 30; 32 mm
15 double open-ended spanners **No. 12**: 3.2; 3.5; 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm

96830273
4 circlip pliers **No. 6543-6546**: J2; J21; A2; A21

96830274
9 screwdriver sockets TORX® 1/2" **No. 54TX**: T20; T25; T27; T30; T40; T45; T50; T55; T60
10 screwdriver sockets INHEX 1/2" **No. 54**: 4; 5; 6; 7; 8; 10; 12; 14; 17; 19 mm
2 screwdriver sockets TORX® 1/2" **No. 1054TX**: T30; T50
2 screwdriver sockets INHEX 1/2" **No. 1054/2054**: 6; 8 mm
4 screwdriver sockets INHEX 1/4" **No. 44**: 3; 4; 5; 6 mm
8 screwdriver sockets TORX® 1/4" **No. 44KTX**: T8; T10; T15; T20; T25; T27; T30; T40
5 screwdriver sockets INHEX 1/4" **No. 44K**: 3; 4; 5; 6; 8 mm

96830275
1 slotted screwdriver **No. 4620**: 1.0 x 5.5 x 125 mm
4 PZ cross-head screwdrivers **No. 4640**: PZ0; PZ1; PZ2; PZ3
2 PH cross-head screwdrivers **No. 4734**: PH1; PH2
1 voltage tester **No. 10554**: 125-250 V



TOOL ASSORTMENTS IN TCS INLAYS.

TCS 806/9

98830004 Tool assortment

— safely integrated in the modular Tool Control System (TCS)

Product no.	Content pcs.	kg
98830004	98	17.95



96838175



96838176



96838177



96838179



96838180



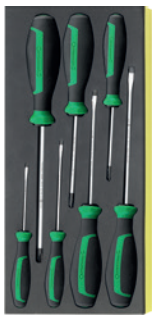
96838181



96838182



96838183



96838278

Contains 98-pieces:

96838175

1 T-handle 1/2" **No. 506**: L. 300 mm
3 extensions 1/2" **No. 509**: L. 52; 130; 255 mm
1 universal joint 1/2" **No. 510**: L. 71 mm
1 ratchet 1/2" **No. 512-2K**: L. 265.5 mm

96838176

10 sockets with hex 1/4" **No. 40**: 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
1 drive handle 1/4" **No. 400N**: L. 150 mm
1 T-handle 1/4" **No. 404**: L. 116 mm
2 extensions 1/4" **No. 405**: L. 54; 150 mm
1 universal joint 1/4" **No. 407**: L. 38 mm
1 bit holder 1/4" **No. 412**: L 25 mm
1 ratchet 1/4" **No. 415-2K**: L. 117 mm
1 L-Key hex **No. 10760**: 12 mm
1 L-Key set hex **No. 10760/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

96838177

17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm

96838179

1 combination pliers **No. 6700**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm

96838180

2 circlip pliers **No. 6543, 6545**: J2; A2
1 self-grip wrench **No. 6564**: L. 250 mm

96838181

1 flat chisel **No. 102**: W. 20; L. 175 mm
2 pin punches **No. 108**: Ø 6; L. 150, 175 mm
1 pin punch **No. 109**: Ø 3.4 mm
1 nylon hammer **No. 10956**: Ø 35 mm
1 engineer's hammer **No. 10961**: 500 g

96838182

10 double open-ended spanners **No. 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

96838183

18 combination spanners **No. 13**: 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24 mm

96838278

4 slotted screwdrivers **No. 4620**: 0.6 x 3,5 x 75: 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3

TCS 820/2

97830254 Tool assortment

— safely integrated in the modular Tool Control System (TCS)

Product no.	Content pcs.	kg
97830254	130	9.96



96830244



96830245

Contains 130-pieces:

96830244

10 sockets with hex 1/4" **No. 40**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13 mm
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
2 extensions 1/4" **No. 405**: L. 54; 150 mm
1 ratchet 1/4" **No. 415-2K**: L. 117 mm
1 extension 1/2" **No. 509**: L. 130 mm
1 ratchet 1/2" **No. 512-2K**: L. 265.5 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm
1 bit ratchet screwdriver 1/4" **No. 4008**: L. 250 mm
1 bit adaptor, manual 1/4" **No. 3116**: L. 25 mm
1 bit holder 1/4" **No. 412**: L. 25 mm
1 flat chisel **No. 102**: W. 17; L. 150 mm
1 engineer's hammer **No. 10961**: 300 g
1 cable knife **No. 12320**: Blade length: 90 mm
1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces

96830245

15 combination spanners **No. 13**: 6; 7; 8; 10; 11; 12; 13; 15; 15; 16; 17; 18; 19; 22; 24 mm
1 wooden folding ruler **No. 13112**: L. 2 m
1 mini magnetic lifter **No. 12600**: 270 g
1 L-Key set hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm; 9-piece
1 slotted screwdriver **No. 4620**: 0.8 x 4.0 x 100 mm
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
2 PH cross-head screwdrivers **No. 4630**: PH1; PH2
3 TORX® screwdrivers **No. 4650**: T15; T20; T25



TCS 821/6

97830255 Tool assortment

— safely integrated in the modular Tool Control System (TCS)

Product no.	Content pcs.	kg
97830255	157	14.5



96830264



96830265



96830266



96830267



96830268



96830269

Contains 157-pieces:

96830264

11 sockets with hex 1/4" **No. 40**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
2 QuickRelease extensions 1/4" **No. 405QR**: L. 54; 150 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 bit adaptor, manual 1/4" **No. 3116**: L 25 mm
2 QuickRelease extensions 1/2" **No. 509QR**: L. 130; 255 mm
1 QuickRelease fine-tooth ratchet 1/2" **No. 512QR N80**: L. 265.5 mm
1 square drive adaptor **No. 410**: 1/4 to 1/2"
1 square drive adaptor **No. 513**: 1/2 to 3/8"
1 bit holder 1/4" **No. 412**: L. 25 mm

96830265

2 bit ratchet screwdrivers 1/4" **No. 4008**: L. 95; 250 mm
1 bit holder 1/4" **No. 4009**: L. 176 mm
1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces

96830266

1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 combination pliers **No. 6700**: L. 180 mm

96830267

16 combination spanners **No. 13**: 6; 7; 8; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24 mm
1 adjustable spanner **No. 4025**: max. 34 mm
5 combination ratchet spanners, flat **No. 17F**: 8; 10; 13; 17; 19 mm

96830268

1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
2 slotted screwdrivers **No. 4620**: 0.8 x 4 x 100; 1.6 x 10 x 200 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 cable knife **No. 12320**: Blade length: 90 mm
1 tape measure **No. 12935**: L. 3 m
1 mini magnetic lifter **No. 12600**: 270 g
1 torch **No. 13132**: 130 lm
1 wooden folding ruler **No. 13112**: L. 2 m
1 ball-ended L-Key set TORX® **No. 10771/8**: T9; T10; T15; T20; T25; T27; T30; T40
1 ball-ended L-Key set hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

96830269

1 engineer's hammer **No. 10961**: 500 g
1 dead blow hammer **No. 10959**: Ø 35 mm
1 flat chisel **No. 102**: W. 20; L. 175 mm
1 pin punch **No. 108**: Ø 6 mm
1 centre punch **No. 105**: Ø 10 mm
1 pin punch **No. 109**: Ø 3.4 mm
1 drift punch **No. 104**: Ø 4 mm

TOOLS THAT ... inspire

TCS 821/7

97830256 Tool assortment

— safely integrated in the modular Tool Control System (TCS)

Product no.	Content pcs.	kg
97830256	161	14.5



96830264



96830265



96830266



96830267



96830268



96830269



96830273

Contains 161-pieces:

96830264

11 sockets with hex 1/4" **No. 40**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
2 QuickRelease extensions 1/4" **No. 405QR**: L. 54; 150 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 bit adaptor, manual 1/4" **No. 3116**: L 25 mm
2 QuickRelease extensions 1/2" **No. 509QR**: L. 130; 255 mm
1 QuickRelease fine-tooth ratchet 1/2" **No. 512QR N80**: L. 265.5 mm
1 square drive adaptor **No. 410**: 1/4 to 1/2"
1 square drive adaptor **No. 513**: 1/2 to 3/8"
1 bit holder 1/4" **No. 412**: L. 25 mm

96830265

2 bit ratchet screwdrivers 1/4" **No. 4008**: L. 95; 250 mm
1 bit holder 1/4" **No. 4009**: L. 176 mm
1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces

96830266

1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 combination pliers **No. 6700**: L. 180 mm

96830267

16 combination spanners **No. 13**: 6; 7; 8; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24 mm
1 adjustable spanner **No. 4025**: max. 34 mm
5 combination ratchet spanners, flat **No. 17F**: 8; 10; 13; 17; 19 mm

96830268

1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
2 slotted screwdrivers **No. 4620**: 0.8 x 4 x 100; 1.6 x 10 x 200 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 cable knife **No. 12320**: Blade length: 90 mm
1 tape measure **No. 12935**: L. 3 m
1 mini magnetic lifter **No. 12600**: 270 g
1 torch **No. 13132**: 130 lm
1 wooden folding ruler **No. 13112**: L. 2 m
1 ball-ended L-Key set TORX® **No. 10771/8**: T9; T10; T15; T20; T25; T27; T30; T40
1 ball-ended L-Key set hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

96830269

1 engineer's hammer **No. 10961**: 500 g
1 dead blow hammer **No. 10959**: Ø 35 mm
1 flat chisel **No. 102**: W. 20; L. 175 mm
1 pin punch **No. 108**: Ø 6 mm
1 centre punch **No. 105**: Ø 10 mm
1 pin punch **No. 109**: Ø 3.4 mm
1 drift punch **No. 104**: Ø 4 mm

96830273

4 circlip pliers **No. 6543-6546**: J2; J21; A2; A21

TCS 821/10

97830257 Tool assortment

— safely integrated in the modular Tool Control System (TCS)

Product no.	Content pcs.	kg
97830257	250	28



96830264



96830265



96830266



96830267



96830268



96830269



96830271



96830272



96830273



96830274

Contains 250-pieces:

96830264

11 sockets with hex 1/4" **No. 40**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
2 QuickRelease extensions 1/4" **No. 405QR**: L. 54; 150 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 bit adaptor, manual 1/4" **No. 3116**: L 25 mm
2 QuickRelease extensions 1/2" **No. 509QR**: L. 130; 255 mm
1 QuickRelease fine-tooth ratchet 1/2" **No. 512QR N80**: L. 265.5 mm
1 square drive adaptor **No. 410**: 1/4 to 1/2"
1 square drive adaptor **No. 513**: 1/2 to 3/8"
1 bit holder 1/4" **No. 412**: L. 25 mm

96830265

2 bit ratchet screwdrivers 1/4" **No. 4008**: L. 95; 250 mm
1 bit holder 1/4" **No. 4009**: L. 176 mm
1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces

96830266

1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 combination pliers **No. 6700**: L. 180 mm

96830267

16 combination spanners **No. 13**: 6; 7; 8; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24 mm
1 adjustable spanner **No. 4025**: max. 34 mm
5 combination ratchet spanners, flat **No. 17F**: 8; 10; 13; 17; 19 mm

96830268

1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
2 slotted screwdrivers **No. 4620**: 0.8 x 4 x 100; 1.6 x 10 x 200 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 cable knife **No. 12320**: Blade length: 90 mm
1 tape measure **No. 12935**: L. 3 m
1 mini magnetic lifter **No. 12600**: 270 g
1 torch **No. 13132**: 130 lm
1 wooden folding ruler **No. 13112**: L. 2 m
1 ball-ended L-Key set TORX® **No. 10771/8**: T9; T10; T15; T20; T25; T27; T30; T40
1 ball-ended L-Key set hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

96830269

1 engineer's hammer **No. 10961**: 500 g
1 dead blow hammer **No. 10959**: Ø 35 mm
1 flat chisel **No. 102**: W. 20; L. 175 mm
1 pin punch **No. 108**: Ø 6 mm
1 centre punch **No. 105**: Ø 10 mm
1 pin punch **No. 109**: Ø 3.4 mm
1 drift punch **No. 104**: Ø 4 mm

96830271

1 screw extractor set **No. 900/6 T**: M3-M4; M5-M7; M8-M11; M10-M12; M14-M16; M18-M22
1 warding file set **No. 12800**: 6-pieces
1 flat file **No. 12036**: L. 260 mm

Tool assortments

1 gasket scraper **No. 12718**: L. 265 mm
1 safety knife **No. 12965**: L. 165 mm
1 wire brush **No. 12377**: L. 270 mm
1 steel ruler **No. 13110**: L. 300 mm
1 hacksaw **No. 12050**: Blade length: 300 mm
1 tungsten carbide scriber **No. 12322**: Ø 3.15 mm
1 wire cutters **No. 13148**: L. 150 mm
1 precision feeler gauges, 20 blades **No. 11095:** 0.05-1.00 mm

96830272
13 combination spanners **No. 14**: 6; 8; 10; 13; 14; 17; 19; 21; 22; 24; 27; 30; 32 mm
15 double open-ended spanners **No. 12**: 3.2; 3.5; 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm

96830273
4 circlip pliers **No. 6543-6546**: J2; J21; A2; A21

96830274
9 screwdriver sockets TORX® 1/2" **No. 54TX**: T20; T25; T27; T30; T40; T45; T50; T55; T60
10 screwdriver sockets INHEX 1/2" **No. 54**: 4; 5; 6; 7; 8; 10; 12; 14; 17; 19 mm
2 screwdriver sockets TORX® 1/2" **No. 1054TX**: T30; T50
2 screwdriver sockets INHEX 1/2" **No. 1054/2054**: 6; 8 mm
4 screwdriver sockets INHEX 1/4" **No. 44**: 3; 4; 5; 6 mm
8 screwdriver sockets TORX® 1/4" **No. 44KTX**: T8; T10; T15; T20; T25; T27; T30; T40
5 screwdriver sockets INHEX 1/4" **No. 44K**: 3; 4; 5; 6; 8 mm

TCS 821/12

97830258 Tool assortment
— safely integrated in the modular Tool Control System (TCS)

Product no.	Content pcs.	kg
97830258	267	29.5


96830264


96830265


96830266


96830267


96830268


96830269


96830270


96830271


96830272


96830273


96830274


96830275

Contains 267-pieces:

96830264
11 sockets with hex 1/4" **No. 40**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
2 QuickRelease extensions 1/4" **No. 405QR**: L. 54; 150 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 bit adaptor, manual 1/4" **No. 3116**: L 25 mm
2 QuickRelease extensions 1/2" **No. 509QR**: L. 130; 255 mm
1 QuickRelease fine-tooth ratchet 1/2" **No. 512QR N80**: L. 265.5 mm

1 square drive adaptor **No. 410**: 1/4 to 1/2"
1 square drive adaptor **No. 513**: 1/2 to 3/8"
1 bit holder 1/4" **No. 412**: L. 25 mm

96830265
2 bit ratchet screwdrivers 1/4" **No. 4008**: L. 95; 250 mm
1 bit holder 1/4" **No. 4009**: L. 176 mm
1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces

96830266
1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 combination pliers **No. 6700**: L. 180 mm

96830267
16 combination spanners **No. 13**: 6; 7; 8; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24 mm
1 adjustable spanner **No. 4025**: max. 34 mm
5 combination ratchet spanners, flat **No. 17F**: 8; 10; 13; 17; 19 mm

96830268
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
2 slotted screwdrivers **No. 4620**: 0.8 x 4 x 100; 1.6 x 10 x 200 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 cable knife **No. 12320**: Blade length: 90 mm
1 tape measure **No. 12935**: L. 3 m
1 mini magnetic lifter **No. 12600**: 270 g
1 torch **No. 13132**: 130 lm
1 wooden folding ruler **No. 13112**: L. 2 m
1 ball-ended L-Key set TORX® **No. 10771/8**: T9; T10; T15; T20; T25; T27; T30; T40
1 ball-ended L-Key set hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

96830269
1 engineer's hammer **No. 10961**: 500 g
1 dead blow hammer **No. 10959**: Ø 35 mm
1 flat chisel **No. 102**: W. 20; L. 175 mm
1 pin punch **No. 108**: Ø 6 mm
1 centre punch **No. 105**: Ø 10 mm
1 pin punch **No. 109**: Ø 3.4 mm
1 drift punch **No. 104**: Ø 4 mm

96830270
4 electrician's slotted screwdrivers **No. 4751**: 0.3 x 1.5; 0.4 x 2; 0.4 x 2.5; 0.5 x 3 mm
3 electrician's PH cross-head screwdrivers **No. 4752**: PH00; PH0; PH1
1 electronics needle nose pliers **No. 6711**: L. 130 mm
1 mini electronics side cutters **No. 6708** L. 115 mm

96830271
1 screw extractor set **No. 900/6 T**: M3-M4; M5-M7; M8-M11; M10-M12; M14-M16; M18-M22
1 warding file set **No. 12800**: 6-pieces
1 flat file **No. 12036**: L. 260 mm
1 gasket scraper **No. 12718**: L. 265 mm
1 safety knife **No. 12965**: L. 165 mm
1 wire brush **No. 12377**: L. 270 mm
1 steel ruler **No. 13110**: L. 300 mm
1 hacksaw **No. 12050**: Blade length: 300 mm
1 tungsten carbide scriber **No. 12322**: Ø 3.15 mm
1 wire cutters **No. 13148**: L. 150 mm
1 precision feeler gauges, 20 blades **No. 11095:** 0.05-1.00 mm

96830272
13 combination spanners **No. 14**: 6; 8; 10; 13; 14; 17; 19; 21; 22; 24; 27; 30; 32 mm
15 double open-ended spanners **No. 12**: 3.2; 3.5; 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm

96830273
4 circlip pliers **No. 6543-6546**: J2; J21; A2; A21

96830274
9 screwdriver sockets TORX® 1/2" **No. 54TX**: T20; T25; T27; T30; T40; T45; T50; T55; T60
10 screwdriver sockets INHEX 1/2" **No. 54**: 4; 5; 6; 7; 8; 10; 12; 14; 17; 19 mm
2 screwdriver sockets TORX® 1/2" **No. 1054TX**: T30; T50
2 screwdriver sockets INHEX 1/2" **No. 1054/2054**: 6; 8 mm
4 screwdriver sockets INHEX 1/4" **No. 44**: 3; 4; 5; 6 mm
8 screwdriver sockets TORX® 1/4" **No. 44KTX**: T8; T10; T15; T20; T25; T27; T30; T40
5 screwdriver sockets INHEX 1/4" **No. 44K**: 3; 4; 5; 6; 8 mm

96830275
1 slotted screwdriver **No. 4620**: 1.0 x 5.5 x 125 mm
4 PZ cross-head screwdrivers **No. 4640**: PZ0; PZ1; PZ2; PZ3
2 PH cross-head screwdrivers **No. 4734**: PH1; PH2
1 voltage tester **No. 10554**: 125-250 V

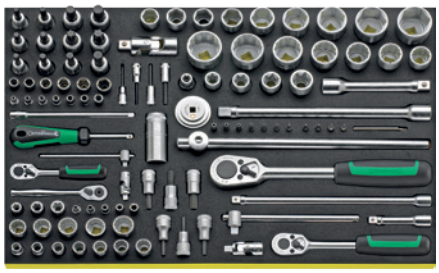
TOOLS THAT
... inspire

TCS 1100 Porsche

97830411 Workshop set for Porsche

— safely integrated in the modular Tool Control System (TCS)

Product no.	Content pcs.	kg
97830411	228	24.7



96830192



96830193



96830194



96830195



96830197



96830198



96831196

Contains 228-pieces:

96830192

13 sockets with hex 1/4" **No. 40**: 3.5; 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13 mm
5 sockets TORX® 1/4" **No. 40TX**: E4; E5; E6; E7; E8
4 sockets INHEX 1/4" **No. 44**: 3; 4; 5; 6 mm
1 drive handle 1/4" **No. 400N**: L. 150 mm
1 T-handle 1/4" **No. 404**: L. 116 mm
1 extension 1/4" **No. 405**: L. 150 mm
1 universal joint 1/4" **No. 407**: L. 38 mm
1 square drive adaptor **No. 409M**: 1/4 to 3/8"
1 ratchet 1/4" **No. 415-2K**: L. 117 mm
1 bit fine-tooth ratchet 1/4" **No. 415SGB N**: L. 117 mm
12 sockets with bi-hex 3/8" **No. 45**: 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19 mm
3 sockets TORX® 3/8" **No. 45TX**: E10; E12; E14
1 socket long, with bi-hex 3/8" **No. 46**: 3/8 to 20.8 mm-13/16"
6 screwdriver sockets INHEX 3/8" **No. 49**: 4; 5; 6; 7; 8; 10 mm
1 T-handle 3/8" **No. 425**: L. 165 mm
2 extensions 3/8" **No. 427**: L. 76; 240 mm
1 universal joint 3/8" **No. 428**: L. 46 mm
1 square drive adaptor **No. 432M**: 3/8 to 1/2"
1 ratchet 3/8" **No. 435-2K**: L. 193 mm
7 sockets with hex 1/2" **No. 50**: 19; 21; 22; 24; 27; 30; 32 mm
5 sockets TORX® 1/2" **No. 50TX**: E11; E16; E18; E20; E24
9 sockets with hex 1/2" **No. 52**: 16; 17; 18; 19; 22; 24; 27; 30; 32 mm
4 sockets INHEX 1/2" **No. 54**: 6; 7; 8; 10 mm
4 screwdriver sockets TORX® 1/2" **No. 54TX**: T45; T50; T55; T60
4 screwdriver sockets XZN® 1/2" **No. 54X**: M6; M8; M12; M14
1 T-handle 1/2" **No. 506**: L. 300 mm
2 extensions 1/2" **No. 509**: L. 130; 255 mm
1 universal joint 1/2" **No. 510**: L. 71 mm
1 ratchet 1/2" **No. 512-2K**: L. 265.5 mm
1 square drive adaptor **No. 514M**: 1/2 to 3/4"
5 bits TORX® **No. 1410-1427**: T6; T7; T8; T9; T25
7 bits TORX® **No. 1440-1446**: T10; T15; T20; T25; T27; T30; T40

96830193

3 double open-ended spanners **No. 12**: 5.5; 12; 14 mm
20 combination spanners **No. 13**: 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 22; 24; 30; 32; 36 mm
1 combination spanner **No. 14**: 17 mm

96830194

5 double-ended ring spanners **No. 20**: 10 x 11; 12 x 13; 14 x 15; 17 x 19; 19 x 22 mm
3 double-ended ring spanners TORX® **No. 21TX**: E6 x E8; E10 x E12; E14 x E18
11 double-ended ring spanners **No. 23**: 6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22; 21 x 23; 24 x 27; 30 x 32 mm
5 double-ended ring spanners **No. 24**: 8 x 10; 11 x 13; 12 x 14; 17 x 19; 22 x 24 mm

96830195

7 double-ended flex spanners **No. 29**: 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22 mm

96830197
1 combination pliers **No. 6700**: L. 180 mm
3 circlip pliers **No. 6543, 6545, 6546**: J2; A2; A21
1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm

96830198
1 ribbed flat chisel **No. 100**: B.20; L. 150 mm
1 centre punch **No. 105**: Ø 12 mm
2 drift punches **No. 104**: Ø 4; 6 mm
1 pin punch **No. 108**: Ø 4 mm
2 engineer's hammers **No. 10961**: 300; 500 g
1 soft face hammer **No. 10940**: Ø 55 mm
1 plastic hammer **No. 10955**: Ø 32 mm
1 triangular special scraper **No. 10670**: L. 265 mm
1 flat file **No. 12036**: L. 260 mm
1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1.00 mm
1 strap wrench **No. 12005**: L. 600 mm
1 tape measure **No. 12935**: L. 3 m
1 scriber **No. 12321**: L. 250 mm
1 automotive circuit tester **No. 12905**: 6-12 and 24 V

96831196
4 slotted screwdrivers **No. 4622**: 1.0 x 5.5 x 100; 1.2 x 6.5 x 125; 1.6 x 10.0 x 175; 2.0 x 12.0 x 200 mm
1 PH cross-head screwdriver **No. 4630**: PH1
1 PH cross-head screwdriver **No. 4632**: PH3
10 TORX® screwdrivers **No. 4650**: T6; T7; T8; T9; T10; T15; T20; T25; T27; T30
1 slotted screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 PH cross-head screwdriver **No. 4734**: PH2
1 L-Key set hex **No. 10760/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 L-Key set TORX® **No. 10766/9**: T8; T9; T10; T15; T20; T25; T27; T30; T40



TCS 1120 VW/AUDI

97830820 Workshop set for VW/Audi (basic)

— safely integrated in the modular Tool Control System (TCS)

Product no.	Content pcs.	kg
97830820	241	30.7



96830166



96830877



96831584



96831585



96831608



96831609



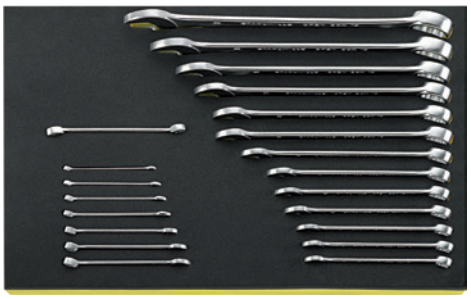
96831610



96831613



96831614



96831615

Contains 241-pieces:

96830166

10 double-ended ring spanners **No. 20**: 6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 21; 19 x 22; 24 x 27; 30 x 32 mm

96830877

10 screwdriver sockets INHEX 1/2" **No. 54**: 4; 5; 6; 7; 8; 10; 12; 14; 17; 19 mm

4 screwdriver sockets INHEX 1/2" **No. 54KK**: 5; 6; 8; 10 mm

96831584

1 combination pliers **No. 6700**: 180 mm

1 flat nose round pliers **No. 6730:** L. 160 mm

4 circlip pliers **No. 6543-6546:** J2, J21; A2; A21

1 water pump pliers **No. 6572**: L. 240 mm

1 heavy-duty side cutters **No. 6721**: 180 mm

96831585

1 self grip wrench **No. 6563**: L. 250 mm

2 flat chisels **No. 102**: W. 17; 23; L. 150; 200 mm

1 centre punch **No. 105**: Ø 10 mm

5 pin punches **No. 108**: Ø 3; 4; 5; 6; 8 mm

1 engineer's hammer **No. 10961**: 500 g

1 nylon hammer **No. 10956N**: Ø 35 mm

1 gasket scraper **No. 12718**: W. 33; L. 265 mm

1 tyre lever **No. 39 PKW:** L. 400 mm

1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1.00 mm

1 cable knife **No. 12320**: Blade length: 90 mm

1 tape measure **No. 12935**: L. 3 m

1 magnetic lifter **No. 12600**: 500 g

1 tyre-tread caliper **No. 12900/3**: Measuring range: 0-30 mm

1 telescopic mirror **No. 12920N**: L. 310-750 mm

1 brake caliper brush, steel wire **No. 12373**: L. 230 mm

1 automotive voltage tester set **No. 7756**: 3-48 V

96831608
12 sockets with hex 1/4" **No. 40**: 4; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
4 screwdriver sockets INHEX 1/4" **No. 44K**: 3; 4; 5; 6 mm
4 sockets TORX® 1/4" **No. 40TX**: E4; E5; E6; E8
1 screwdriver socket slotted 1/4" **No. 41K**: 1.0 x 5.5 mm
2 screwdriver sockets PHILLIPS® 1/4" **No. 44PH**: PH1; PH2
8 screwdriver sockets TORX® 1/4" **No. 44KTX**: T10; T15; T20; T25; T27
12 sockets with bi-hex 1/2" **No. 50**: 8; 9; 10; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24; 27; 30; 32 mm
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
8 screwdriver sockets TORX® 1/2" **No. 54TX**: T25; T27; T30; T40; T45; T50; T55; T60
4 bits TORX® **No. 1410-1413**: T6; T7; T8; T9
3 Wobble-Drive extensions 1/4" **No. 405W**: L. 54; 100; 150 mm
1 universal joint 1/4" **No. 407**: L. 37 mm
1 square drive adaptor **No. 409**: 1/4 to 3/8"
1 drive handle 1/4" **No. 400N**: L. 150 mm
1 bit holder 1/4" **No. 412**: L. 25 mm
1 square drive adaptor **No. 431**: 3/8 to 1/4"
1 square drive adaptor **No. 432**: 3/8 to 1/2"
3 Wobble-Drive extensions 1/2" **No. 509W**: L. 52; 130; 255 mm
1 universal joint 1/2" **No. 510**: L. 71 mm
1 IMPACT square drive adaptor **No. 513IMP**: 1/2 to 3/8"
1 IMPACT square drive adaptor **No. 514IMP**: 1/2 to 3/4"
1 T-handle 1/2" **No. 506**: L. 300 mm
1 IMPACT square drive adaptor **No. 568IMP**: 3/4 to 1/2"
1 sliding head for T-handle 3/4" **No. 556**: L. 61.5 mm
1 handle 3/4" **No. 558**: L. 510 mm
1 ratchet 1/2" **No. 512-2K**: L. 265.5 mm
1 ratchet 1/4" **No. 415-2K**: L. 117 mm

96831609
6 combination ratchet spanners **No. 17**: 8; 10; 12; 13; 17; 19 mm

96831610
7 screwdriver sockets XZN® 1/2" **No. 54X**: M5; M6; M8; M10; M12; M14; M16
6 sockets TORX® 1/2" **No. 50TX**: E10; E12; E14; E16; E18; E20
1 screwdriver socket XZN® 1/2" **No. 1054X**: M8
3 screwdriver sockets XZN® 1/2" **No. 3054X**: M10; M12; M14
1 screwdriver socket XZN® 3/4" **No. 59X**: M18
2 IMPACT sockets with bi-hex 1/2" **No. 50D IMP**: 32; 36 mm
2 IMPACT wheel nut sockets with hex 1/2" **No. 2309IMP K**: 17; 19 mm

96831613
7 slotted screwdrivers **No. 4620**: 0.6 x 3.5 x 75; 0.8 x 4 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150; 1.6 x 8 x 175; 1.6 x 10 x 200; 2 x 12 x 250 mm
3 slotted screwdrivers with impact cap **No. 4622SK**: 0.8 x 4 x 90; 1 x 5.5 x 100; 1.2 x 6.5 x 125 mm
3 PH cross-head screwdrivers **No. 4632**: PH1; PH2; PH3
2 PH cross-head screwdrivers with impact cap **No. 4632SK**: PH1; PH2
1 slotted screwdriver **No. 4724**: 0.6 x 3.5 x 25 mm
1 PH cross-head screwdriver **No. 4734**: PH2

96831614
10 TORX® screwdrivers **No. 4650**: T6; T7; T8; T9; T10; T15; T20; T25; T27; T30
1 L-Key set hex **No. 10767/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 L-Key set TORX® **No. 10771/8**:: T9; T10; T15; T20; T25; T27; T30; T40

96831615
20 combination spanners **No. 13**: 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24; 27; 30; 32 mm
1 double-ended ring spanner **No. 20**: 10 x 11 mm



TCS 1120/1 VW

97830821 Supplementary set VW

— safely integrated in the modular Tool Control System (TCS)

Product no.	Content pcs.	kg
97830821	66	6.6



96831601



96831602



96831607

Contains 66-pieces:

96831601

3 nut spinners **No. 12507**: 8; 10; 13 mm
1 combination pliers **No. 6700**: L. 180 mm
1 telephone pliers **No. 6730**: L. 140 mm
1 telephone pliers **No. 6731**: L. 200 mm
1 side cutters **No. 6720**: L. 140 mm
1 heavy-duty side cutters **No. 6721**: L. 200 mm

96831602

10 double open-ended spanners **No. 10**: 6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 21; 19 x 22; 24 x 27; 30 x 32 mm

96831607

1 socket long, with bi-hex 1/4" **No. 40DL**: 8 mm
1 socket long, with bi-hex 3/8" **No. 46:** 12 mm
8 sockets long, with bi-hex 3/8" **No. 51**: 10; 13; 14; 15; 16; 17; 18; 19 mm
5 screwdriver sockets TORX® **No. 54TX**: T30; T40; T45; T50; T55
3 bits PHILLIPS® **No. PH 1221-1223** : PH1; PH2; PH3
3 bits POZIDRIV® **No. PZ 1221-1223**: PZ1; PZ2; PZ3
5 bits slotted **No. 1162**; **1164**; **1168**; **1166; 1166/1**: 0.6 x 3.5; 0.8 x 4; 1.6 x 8; 1 x 5.5; 1.2 x 6.5 mm
1 bit slotted **No. 1299**: 2 mm
5 bits hex **No. 1300-1304**: 3; 4; 5; 6; 8 mm
13 bits TORX® **No. 1410-1421; 1435**: T6; T7; T8; T9; T10; T15; T20; T25; T27; T30; T40; T45; T55
1 bit ratchet 1/4" **No. 415B-2K**: L. 117 mm
1 square drive adaptor **No. 513**: 1/2 to 3/8"
1 ratchet 1/2" **No. 512-2K**: L. 265.5 mm

TOOLS THAT
... inspire

TCS 1120/2 AUDI

97830822 Supplementary set for Audi

— safely integrated in the modular Tool Control System (TCS)

Product no.	Content pcs.	kg
97830822	73	8.04



96831601



96831602



96831603



96831695

Contains 73-pieces:

96831601

3 nut spinners **No. 12507**: 8; 10; 13 mm
1 combination pliers **No. 6700**: L. 180 mm
1 telephone pliers **No. 6730**: L. 140 mm
1 telephone pliers **No. 6731**: L. 200 mm
1 side cutters **No. 6720**: L. 140 mm
1 heavy-duty side cutters **No. 6721**: L. 200 mm

96831602

10 double open-ended spanners **No. 10**: 6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 21; 19 x 22; 24 x 27; 30 x 32 mm

96831603

5 bits 1/4" **No. 1350, 1356-1359**: M4; M5; M6; M8; M10
1 bit holder 5/16" **No. 543:** L. 38 mm
3 nut spinners **No. 12506-2K**: 6; 7; 8 mm
1 bit holder insert tool 5/16" **No. 736/10**: 9 x 12 mm
1 bit holder insert tool 1/4" **No. 736/10**: 9 x 12 mm

96831695

10 sockets long, with bi-hex 3/8" **No. 46**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19 mm
10 uniflex sockets with bi-hex 3/8" **No. 47**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19 mm
12 sockets with hex 3/8" **No. 456**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22 mm
3 extensions 3/8" **No. 427**: L. 76; 160; 240 mm
3 Wobble-Drive extensions 3/8" **No. 427W**: L. 76; 125; 160 mm
1 universal joint 3/8" **No. 428**: L. 46 mm
4 TORX® screwdrivers long **No. 4650L**: T15; T20; T25; T30
1 ratchet 3/8" **No. 435-2K**: L. 193 mm



TCS 2500 BMW

97830600 Workshop tool set for BMW automotive

— safely integrated in the modular Tool Control System (TCS)

Product no.	Content pcs.	kg
97830600	285	27.8



96830602



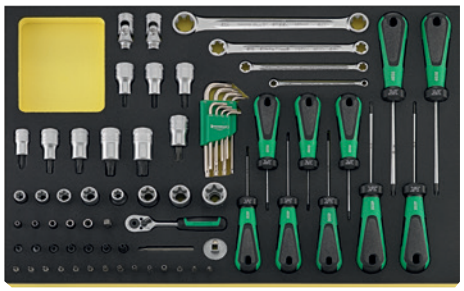
96830603



96830604



96830605



96830607



96830608



96830609



96830622



96830679



96830706



96838177



96838192

Contains 285-pieces:

96830602

16 sockets with hex $^{3}/_{8}$" **No. 456**: 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22 mm
4 sockets long, with bi-hex $^{3}/_{8}$" **No. 46**: 10; 11; 12; 13 mm
7 uniflex sockets with bi-hex $^{3}/_{8}$" **No. 47**: 10; 11; 12; 13; 14; 15; 16 mm
1 screwdriver socket INHEX $^{3}/_{8}$" **No. 1049**: 9 mm
3 screwdriver sockets XZN® $^{3}/_{8}$" **No. 49X**: M6; M8; M10
3 extensions $^{3}/_{8}$" **No. 427**: L. 76; 125; 240 mm
1 universal joint $^{3}/_{8}$" **No. 428**: L. 46 mm
1 square drive adaptor **No. 431**: $^{3}/_{8}$ to $^{1}/_{4}$"
1 square drive adaptor **No. 432**: $^{3}/_{8}$ to $^{1}/_{2}$"
1 ratchet $^{3}/_{8}$" **No. 435-2K**: L. 193 mm
1 QuickRelease fine-tooth flexible ratchet $^{3}/_{8}$" **No. 452QR**: L. 300 mm

96830603

1 T-handle $^{1}/_{2}$" **No. 506**: L. 300 mm
4 extensions $^{1}/_{2}$" **No. 509**: L. 52; 130; 255 (2 x) mm
1 universal joint $^{1}/_{2}$" **No. 510**: L. 71 mm
1 ratchet $^{1}/_{2}$" **No. 512-2K**: L. 265.5 mm
1 square drive adaptor **No. 513**: $^{1}/_{2}$ to $^{3}/_{8}$"
1 square drive adaptor **No. 514**: $^{1}/_{2}$ to $^{3}/_{4}$"

96830604

3 screwdriver sockets INHEX $^{3}/_{8}$" **No. 49**: 5; 6; 7 mm
5 screwdriver sockets INHEX $^{1}/_{2}$" **No. 54**: 8; 10; 12; 14; 17 mm
2 IMPACT wheel nut sockets with hex **No. 2309IMP K**: 17; 19 mm
2 sockets with hex **No. 12506**: 6; 7 mm

96830605
9 double open-ended spanners **No. 10**: 6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22; 21 x 24 mm
20 combination spanners **No. 13**: 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24; 27; 30; 32 mm
1 double-ended ring spanner **No. 24**: 10 x 11 mm

96830607
4 double-ended ring spanners TORX® **No. 21TX** E6 x E8; E10 x E12; E14 x E18; E20 x E24
5 sockets TORX® 1/4" **No. 40TX**: E4; E5; E6; E7; E8
7 screwdriver sockets TORX®, with hole 1/4" **No. 44KTXB**: T10; T15; T20; T25; T27; T30; T40
1 square drive adaptor **No. 409M**: 1/4 to 3/8
1 bit ratchet 1/4" **No. 415B-2K**: L. 117 mm
1 bit adaptor, manual 1/4" **No. 3116**: L. 50 mm
3 sockets TORX® 3/8" **No. 45TX**: E10; E12; E14
2 uniflex sockets TORX® 3/8" **No. 47TX**: E8; E10
1 screwdriver socket TORX® 3/8" **No. 49TX:** T40
5 sockets TORX® 1/2" **No. 50TX**: E11; E16; E18; E20; E24
4 screwdriver sockets TORX® 1/2" **No. 54TX**: T45; T50; T55; T60
4 screwdriver sockets TORX®, with hole 1/2" **No. 54TXB**: T30; T40; T45; T50
3 bits POZIDRIV® **No. PZ 1221-1223**: PZ1; PZ2; PZ3
4 bits TORX® **No. 1410-1413**: T6; T7; T8; T9
1 bit TORX® **No. 1427**: T25
7 bits TORX® **No. 1440-1446**: T10; T15; T20; T25; T27; T30; T40
10 TORX® screwdrivers **No. 4856**: T6; T7; T8; T9; T10; T15; T20; T25; T27; T30
1 L-Key set TORX® **No. 10766/8**: T9; T10; T15; T20; T25; T27; T30; T40

96830608
4 circlip pliers **No. 6543-6546**: J2; J21; A2; A21

96830609
1 flat chisel **No. 102**: W. 23; L. 200 mm
1 cross-cut chisel **No. 103**: W. 17; L. 150 mm
1 centre punch **No. 105**: Ø 10 mm
5 pin punches **No. 108**: Ø 3;4; 5; 6; 8 mm
1 dead blow hammer **No. 10959**: Ø 40 mm
1 engineer's hammer **No. 10961**: 500 g
1 brake caliper brush, steel wire **No. 12373**: L. 230 mm
1 magnetic lifter **No. 12600**: 500 g
1 gasket scraper **No. 12718**: L. 265 mm
1 tape measure **No. 12935**: L. 3 m
1 tyre lever **No. 39 PKW:** L. 400 mm
1 self-grip wrench **No. 6564**: L. 250 mm

96830622
1 combination pliers **No. 6700**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 water pump pliers **No. 6572**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm

96830679
10 sockets with hex 1/4" **No. 40**: 3; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
1 socket long, with hex **No. 40L**: 4.5 mm
3 screwdriver sockets slotted 1/4" **No. 41K**: 0.6 x 3.5; 1.0 x 5.5; 1.2 x 8 mm
5 screwdriver sockets INHEX 1/4" **No. 44K**: 3; 4; 5; 6; 8 mm
4 screwdriver sockets PHILLIPS® 1/4" **No. 44PH**: PH1; PH2; PH3; PH4
1 drive handle 1/4" **No. 400N**: L. 150 mm
1 T-handle 1/4" **No. 404**: L. 116 mm
3 extensions 1/4" **No. 405**: L. 54; 100; 150 mm
1 universal joint 1/4" **No. 407**: L. 38 mm
1 square drive adaptor **No. 409**: 1/4 to 3/8"
1 bit holder 1/4" **No. 412**: L 25 mm
1 ratchet 1/4" **No. 415-2K**: L. 117 mm
1 bit holder insert tool 5/16" **No. 736/40**: 14 x 18 mm
1 bit TORX® **No. 1435**: T55

96830706
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
1 slotted screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 PH cross-head screwdriver **No. 4734**: PH2
1 PZ cross-head screwdriver **No. 4744**: PZ1
5 slotted screwdrivers **No. 4820**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 100; 1.2 x 6.5 x 150; 1.6 x 10.0 x 200; 2.0 x 12.0 x 250 mm
3 PH cross-head screwdrivers **No. 4830**: PH1; PH2; PH3
1 PZ cross-head screwdriver **No. 4840**: PZ1
1 automotive voltage tester set **No. 7756**: 3-48 V
1 L-Key set hex **No. 10767/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 claw lifter **No. 12922**: Ø 6 mm

96838177
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm

96838192
8 double-ended ring spanners **No. 20**: 6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 21; 19 x 22 mm

TCS 2501 BMW

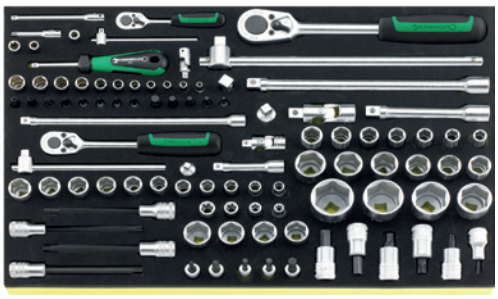
97830606 Workshop set for BMW motorbikes

— safely integrated in the modular Tool Control System (TCS)

Product no.	Content pcs.	kg
97830606	215	27.5



96830622



96832095



96832096



96832097



96832098



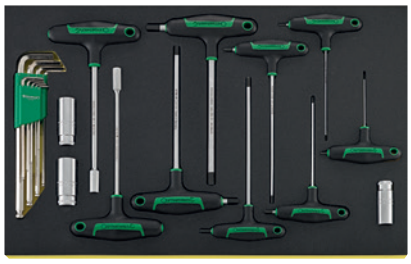
96832099



96832100



96832101



96832102

Contains 215-pieces:

96830622

1 combination pliers **No. 6700**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 water pump pliers **No. 6572**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm

96832095

11 sockets with hex 1/4" **No. 40**: 4; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13 mm
2 sockets TORX® 1/4" **No. 40TX**: E8; E10
5 screwdriver sockets INHEX 1/4" **No. 44K**: 3; 4; 5; 6; 8 mm
8 screwdriver sockets TORX®, with hole 1/4" **No. 44KTXB**: T8; T10; T15; T20; T25; T27; T30; T40
1 drive handle 1/4" **No. 400N**: L. 150 mm
1 T-handle 1/4" **No. 404**: L. 116 mm
2 extensions 1/4" **No. 405**: L. 54; 100 mm
1 universal joint 1/4" **No. 407**: L. 38 mm
1 bit holder 1/4" **No. 412**: L 25 mm
1 ratchet 1/4" **No. 415-2K**: L. 117 mm
4 sockets TORX® 3/8" **No. 45TX**: E8; E10; E12; E14
3 sockets INHEX 3/8" **No. 49**: 5; 6; 8 mm
2 sockets TORX® 3/8" **No. 49TX**: T25; T45
1 T-handle 3/8" **No. 425**: L. 165 mm
2 extensions 3/8" **No. 427**: L. 76; 240 mm
1 universal joint 3/8" **No. 428**: L. 46 mm
1 square drive adaptor **No. 431**: 3/8 to 1/4"
1 square drive adaptor **No. 432**: 3/8 to 1/2"
1 ratchet 3/8" **No. 435-2K**: L. 193 mm
15 sockets with hex 3/8" **No. 456**: 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22 mm
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24; 27; 30; 32; 34 mm
2 screwdriver sockets INHEX 1/2" **No. 54**: 10; 12 mm
4 screwdriver sockets TORX® 1/2" **No. 54TX**: T40; T50; T55; T60
1 T-handle 1/2" **No. 506**: L. 300 mm
2 extensions 1/2" **No. 509**: L. 130; 255 mm
1 universal joint 1/2" **No. 510**: L. 71 mm
1 ratchet 1/2" **No. 512-2K**: L. 265.5 mm
1 square drive adaptor **No. 513**: 1/2 to 3/8"
2 screwdriver sockets TORX® 1/2" **No. 1054TX**: T50; T55
2 screwdriver sockets TORX® 1/2" **No. 2054TX**: T40; T45

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

96832097
10 double open-ended spanners **No. 10**: 6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 18 x 21; 20 x 22
2 double-ended ring spanners TORX® **No. 21TX**: E6 x E8; E10 x E12

96832098
5 slotted screwdrivers **No. 4621**: 0.4 x 2.5 x 80; 0.5 x 3.5 x 90; 0.6 x 4.0 x 100; 1.0 x 6.5 x 140; 1.2 x 8.0 x 160 mm
2 PH cross-head screwdrivers **No. 4631**; PH1; PH2
3 PH cross-head screwdrivers **No. 4632**: PH1; PH2; PH3
1 slotted screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 PH cross-head screwdriver **No. 4734**: PH2
1 slotted screwdriver **No. 10506**: 0.8 x 4.0 x 300 mm
1 slotted screwdriver **No. 10518**: 1.0 x 5.5 x 410 mm
1 magnetic lifter **No. 12600**: 500 g
1 claw lifter **No. 12922**: Ø 6 mm

96832099
9 TORX® screwdrivers with T-handle **No. 10769**: T9; T10; T15; T20; T25; T30; T40; T45; T50
1 L-Key set TORX® **No. 10771/8**: T9; T10; T15; T20; T25; T27; T30; T40

96832100
1 telephone pliers **No. 6730**: L. 200 mm
1 telephone pliers **No. 6731**: L. 200 mm
4 circlip pliers **No. 6543, 6545**: J1; J2; A1; A2

96832101
1 flat chisel **No. 102**: W. 23; L. 200 mm
1 cross-cut chisel **No. 103**: W. 17; L. 150 mm
1 centre punch **No. 105**: Ø 10 mm
6 pin punches **No. 108**: Ø 2.5; 3; 4; 5; 6; 8 mm
1 glass scraper **No. 10356**: L. 165 mm
1 triangular special scraper **No. 10670**: L. 285 mm
1 flat scraper **No. 10672**: L. 315 mm
1 dead blow hammer **No. 10959**: Ø 40 mm
2 engineer's hammers **No. 10961**: 300; 500 g
1 wire brush **No. 12374**: L. 290 mm
1 caliper **No. 12900**: Measuring range: 150 mm/6"
1 safety knife **No. 12965**: L. 174 mm

96832102
1 socket long, with bi-hex $^{3}/_{8}$" **No. 46**: 20.8 mm/$^{13}/_{16}$"
1 spark plug socket long, with rubber insert and bi-hex $^{3}/_{8}$" **No. 4600**: 16 mm/$^{5}/_{8}$"
1 spark plug socket long, with rubber insert and hex $^{3}/_{8}$" **No. 4606**: 18 mm/$^{11}/_{16}$"
1 ball-ended L-Key set hex **No. 10767/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
7 hex screwdrivers with T-handle **No. 10768**: 2.5; 3; 4; 5; 6; 8; 10 mm
2 nut spinners **No. 12507**: 8; 10 mm

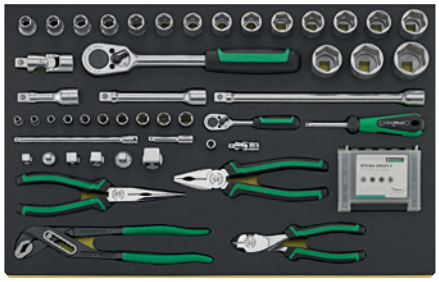


TCS 2502 BMW

97830607 Workshop set for BMW motorbikes

— safely integrated in the modular Tool Control System (TCS)

Product no.	Content pcs.	kg
97830607	139	12.4



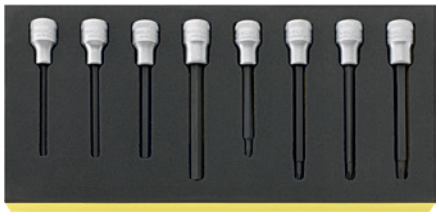
96830180



96830181



96830182



96833414

Contains 139-pieces:

96830180

10 sockets with hex 1/4" **No. 40**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13 mm
1 drive handle 1/4" **No. 400N**: L. 150 mm
2 extensions 1/4" **No. 405**: L. 54; 150 mm
1 universal joint 1/4" **No. 407**: L. 38 mm
1 square drive adaptor **No. 409**: 1/4 to 3/8"
1 square drive adaptor **No. 410**: 1/4 to 1/2"
1 bit holder 1/4" **No. 412**: L 25 mm
1 ratchet 1/4" **No. 415-2K**: L. 117 mm
1 square drive adaptor **No. 431**: 3/8 to 1/4"
1 square drive adaptor **No. 432**: 3/8 to 1/2"
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
3 extensions 1/2" **No. 509**: L. 75; 130; 255 mm
1 universal joint 1/2" **No. 510**: L. 71 mm
1 ratchet 1/2" **No. 512-2K**: 265.5 mm
1 square drive adaptor **No. 513**: 1/2 to 3/8"
1 square drive adaptor **No. 514**: 1/2 to 3/4"
1 bit box **No. 1204/21-1**: 4 x PH; 4 x PZ; 9 x TORX®; 3 x hex
1 combination pliers **No. 6700**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm

96830181

5 slotted screwdrivers **No. 4620**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150; 1.6 x 8.0 x 175 mm
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 PH cross-head screwdriver **No. 4734**: PH2
1 L-Key set hex **No. 10767/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 L-Key set TORX® **No. 10771/8**:: T9; T10; T15; T20; T25; T27; T30; T40
1 warding file set **No. 12800**: 6-pieces

96830182

15 combination spanners **No. 13**: 6; 7; 8; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 22; 24 mm
5 combination ratchet spanners **No. 17**: 8; 10; 13; 17; 19 mm
1 centre punch and pin punch set, 6-piece **No. 105-108/6**: No. 105/Ø 10 mm; No. 108/Ø 2.5; 3; 4; 5; 6 mm
1 engineer's hammer **No. 10961**: 300 g
1 cable knife **No. 12320**: Blade length: 90 mm
1 tape measure **No. 12935**: L. 3 m

96833414

2 screwdriver sockets INHEX, extra long 1/2" **No. 1054**: 8; 10 mm
2 screwdriver sockets INHEX, extra long 1/2" **No. 2054**: 5; 6 mm
2 screwdriver sockets TORX® 1/2" **No. 1054TX**: T30; T50
2 screwdriver sockets TORX® 1/2" **No. 2054TX**: T40; T45

TCS 3022 Mercedes Benz

97830209 Workshop set for Mercedes-Benz trucks

— safely integrated in the modular Tool Control System (TCS)

Product no.	Content pcs.	kg
97830209	264	47.8



96830172



96830174



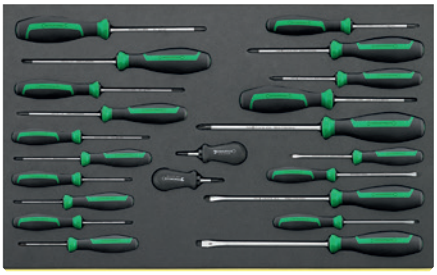
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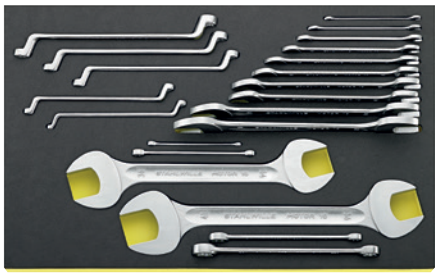
96830608



96830622



96833399



96833401



96833402



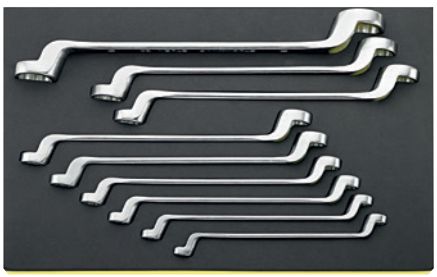
96833403



96833404



96833413



96833400

Contains 264-pieces:

96830172

2 IMPACT sockets long, with hex 1/2" **No. 51IMP**: 24; 27 mm
9 screwdriver sockets INHEX 1/2" **No. 54**: 5; 6; 7; 8; 10; 12; 14; 17; 19 mm
1 IMPACT socket long, with hex 1/2" **No. 2309IMP**: 22 mm
3 IMPACT wheel nut sockets with hex 1/2" **No. 2309IMP K**: 17; 19; 21 mm

96830174

21 combination spanners **No. 13**: 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24; 27; 30; 32; 34 mm

96830221

11 sockets with hex 3/4" **No. 55**: 22; 24; 27; 30; 32; 34; 36; 38; 41; 46; 50 mm
1 ratchet 3/4" **No. 552**: L. 165 mm
1 sliding head for T-handle 3/4" **No. 556**: L. 61.5 mm

Tool assortments

1 handle **No. 558**: L. 510 mm
2 extensions 3/4" **No. 559**: L. 200; 400 mm
1 square drive adaptor **No. 568**: 3/4 to 1/2"

96830608
4 circlip pliers **No. 6543-6546**: J2; J21; A2; A21

96830622
1 combination pliers **No. 6700**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 water pump pliers **No. 6572**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm

96833399
3 slotted screwdrivers **No. 4620**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 100; 1.2 x 6.5 x 150 mm
2 slotted screwdrivers **No. 4621**: 0.5 x 3.5 x 90; 1.2 x 8.0 x 160 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
2 PZ cross-head screwdrivers **No. 4640**: PZ1; PZ2
10 TORX® screwdrivers **No. 4650**: T6; T7; T8; T9; T10; T15; T20; T25; T27; T30
1 slotted screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 PH cross-head screwdriver **No. 4734**: PH2

96833400
9 double-ended ring spanners **No. 20**: 6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 21; 19 x 22 mm

96833401
12 double open-ended spanners **No. 10**: 6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 21; 19 x 22; 24 x 27; 30 x 32; 34 x 36; 36 x 41 mm
5 double-ended ring spanners **No. 20**: 6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15 mm
4 double-ended ring spanners TORX® **No. 21TX**: E6 x E8; E10 x E12; E14 x E18; E20 x E24

96833402
2 flat chisels **No. 102**: W. 17; 23; L. 150; 200 mm
1 centre punch **No. 105:** Ø 12 mm
5 pin punches **No. 108**: Ø 3; 4; 5; 6; 8 mm
1 dead blow hammer **No. 10959**: Ø 50 mm
2 engineer's hammers **No. 10961**: 500; 1000 g
1 steel wire brush **No. 12374/2**: L. 290 mm
1 magnetic lifter **No. 12600**: 3000 g

96833403
1 fine scraper **No. 10669** L. 147 mm
1 L-Key set hex **No. 10767/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 L-Key set TORX® **No. 10771/8**:: T9; T10; T15; T20; T25; T27; T30; T40
1 round file **No. 12025**: L. 210 mm
1 half-round file **No. 12030**: L. 260 mm
1 triangular file **No. 12035**: L. 210 mm
1 flat file **No. 12036**: L. 260 mm
1 gasket scraper **No. 12718**: L. 265 mm
1 caliper **No. 12900**: Measuring range: 150 mm/6"
1 tyre-tread caliper **No. 12900/3**: Measuring range: 0-30 mm
1 tape measure **No. 12935**: L. 3 m

96833404
21 sockets with bi-hex 1/2" **No. 50**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 26; 27; 28; 30; 32; 34 mm
5 sockets TORX® 1/2" **No. 50TX**: E11; E16; E18; E20; E24
3 screwdriver sockets TORX® 1/2" **No. 54TX**: T50; T55; T60
6 screwdriver sockets XZN® 1/2" **No. 54X**: M6; M8; M10; M12; M14; M16
1 flexible handle 1/2" **No. 504**: L. 397 mm
1 T-handle 1/2" **No. 506**: L. 300 mm
3 extensions 1/2" **No. 509**: L. 52; 130; 255 mm
3 Wobble-Drive extensions 1/2" **No. 509W**: L. 52; 130; 255 mm
1 universal joint 1/2" **No. 510**: L. 71 mm
1 ratchet 1/2" **No. 512-2K**: L. 265.5 mm
1 square drive adaptor **No. 513**: 1/2 to 3/8"
1 square drive adaptor **No. 514**: 1/2 to 3/4"

96833413
12 sockets with hex 1/4" **No. 40**: 4; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
5 sockets TORX® 1/4" **No. 40TX**: E4; E5; E6; E7; E8
3 screwdriver sockets slotted 1/4" **No. 41K**: 0.6 x 3.5; 1.0 x 5.5; 1.2 x 8 mm
5 screwdriver sockets INHEX 1/4" **No. 44K**: 3; 4; 5; 6; 8 mm
2 screwdriver sockets PHILLIPS® 1/4" **No. 44PH**: PH1; PH2
2 screwdriver sockets POZIDRIV® 1/4" **No. 44PZ**: PZ1; PZ2
1 ratchet 1/4" **No. 415-2K**: L. 117 mm
1 drive handle 1/4" **No. 400N**: L. 150 mm
1 T-handle 1/4" **No. 404**: L. 116 mm
1 bit ratchet 1/4" **No. 415B-2K**: L. 117 mm
1 bit holder 1/4" **No. 412**: L. 25 mm
2 extensions 1/4" **No. 405**: L. 54; 150 mm
1 universal joint 1/4" **No. 407**: L. 38 mm
1 square drive adaptor **No. 431**: 3/8 to 1/4"
3 sockets TORX® 3/8" **No. 45TX**: E10; E12; E14
2 screwdriver sockets TORX® 3/8" **No. 49TX**: T40; T45
1 ratchet 3/8" **No. 435-2K**: L. 193 mm
1 square drive adaptor **No. 409**: 1/4 to 3/8"
3 extensions 3/8" **No. 427**: L. 76; 160; 240 mm
1 universal joint 3/8" **No. 428**: L. 46 mm
1 square drive adaptor **No. 432**: 3/8 to 1/2"
5 bits TORX® **No. 1410-1427**: T6; T7; T8; T9; T25
7 bits TORX® **No. 1440-1446**: T10; T15; T20; T25; T27; T30; T40

TCS 3026 Mercedes Benz

97830208 Workshop set for Mercedes-Benz cars

— safely integrated in the modular Tool Control System (TCS)

Product no.	Content pcs.	kg
97830208	306	43



96830166



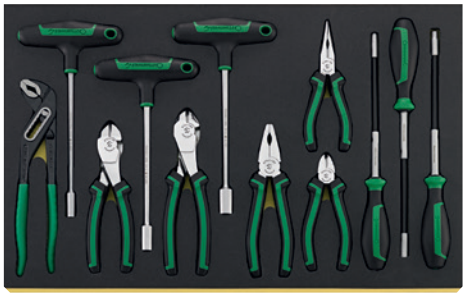
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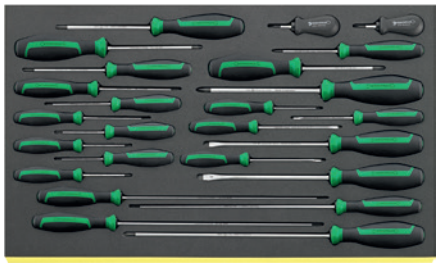
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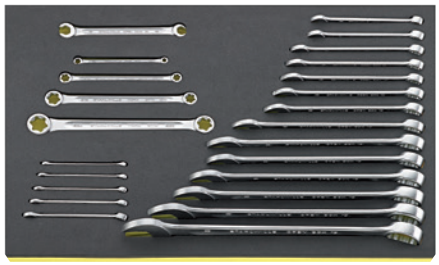
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96833415



96833416



96833417



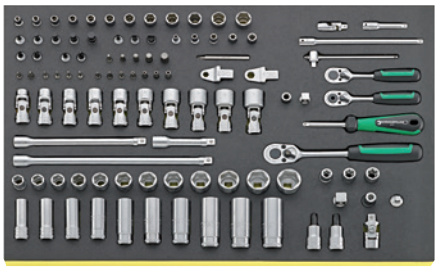
96833418



96833419



96833420



96833442



96833460

Contains 306-pieces:

96830166

10 double-ended ring spanners **No. 20**: 6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 21; 19 x 22; 24 x 27; 30 x 32 mm

96830353

10 double open-ended spanners **No. 10**: 6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 21; 19 x 22; 24 x 27; 30 x 32 mm

96830608

4 circlip pliers **No. 6543-6546**: J2; J21; A2; A21

96831609

6 combination ratchet spanners **No. 17**: 8; 10; 12; 13; 17; 19 mm

96833415

3 nut spinners **No. 12506**: 6; 7; 8 mm
3 nut spinners **No. 12507**: 8; 10; 13 mm
1 combination pliers **No. 6700**: L. 180 mm
1 telephone pliers **No. 6730**: L. 160 mm
1 water pump pliers **No. 6551**: L. 240 mm
1 side cutters **No. 6720**: L. 140 mm
2 heavy-duty side cutters **No. 6721**: L. 180; 200 mm

96833416
3 slotted screwdrivers **No. 4620**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 100; 1.2 x 6.5 x 150 mm
2 slotted screwdrivers **No. 4621**: 0.5 x 3.5 x 90; 1.2 x 8.0 x 160 mm
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
9 TORX® screwdrivers **No. 4650**: T6; T7; T8; T10; T15; T20; T25; T27; T30
4 TORX® screwdrivers long **No. 4650L**: T15; T20; T25; T30
1 slotted screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 PH cross-head screwdriver **No. 4734**: PH2

96833417
19 combination spanners **No. 13**: 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 19; 21; 22; 24; 27; 30; 32 mm
4 double-ended ring spanners TORX® **No. 21TX**: E6 x E8; E10 x E12; E14 x E18; E20 x E24
1 double-ended ring spanner **No. 24**: 10 x 11 mm

96833418
1 tyre lever **No. 39 PKW:** L. 400 mm
2 flat chisels **No. 102**: W. 17; 23; L. 150; 200 mm
1 centre punch **No. 105**: Ø 10 mm
5 pin punches **No. 108**: Ø 3; 4; 5; 6; 8 mm
1 dead blow hammer **No. 10959**: Ø 35 mm
1 engineer's hammer **No. 10961**: 500 g
1 lever bar **No. 11006**: L. 400 mm
1 magnetic lifter **No. 12600**: 3000 g

96833419
1 L-Key set TORX® **No. 10766/8**: T9; T10; T15; T20; T25; T27; T30; T40
1 L-Key hex **No. 10767H/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 L-Key TORX® **No. 10769**: T45

96833420
2 IMPACT sockets with bi-hex 1/2" **No. 50D IMP**: 32; 36 mm
2 IMPACT wheel nut sockets with hex 1/2" **No. 2309IMP K**: 17; 19 mm
1 screwdriver socket XZN® 3/4" **No. 59X**: M18
1 sliding head for T-handle 3/4" **No. 556**: L. 61.5 mm
1 handle **No. 558**: L. 510 mm
1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1.00 mm
1 wire brush **No. 12374**: Trim length: 140 mm
1 gasket scraper **No. 12718**: L. 265 mm
1 caliper **No. 12900**: Measuring range: 150 mm/6"
1 tyre-tread caliper **No. 12900/3**: Measuring range: 0-30 mm
1 tape measure **No. 12935**: L. 3 m
1 self-grip wrench **No. 6564**: L. 250 mm

96833442
12 sockets with hex 1/4" **No. 40**: 4; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
5 screwdriver sockets TORX® 1/4" **No. 40TX**: E4; E5; E6; E7; E8
3 screwdriver sockets slotted 1/4" **No. 41K**: 0.6 x 3.5; 1.0 x 5.5; 1.2 x 8 mm
5 screwdriver sockets INHEX 1/4" **No. 44K**: 3; 4; 5; 6; 8 mm
2 screwdriver sockets PHILLIPS® 1/4" **No. 44PH**: PH1; PH2
2 screwdriver sockets POZIDRIV® 1/4" **No. 44PZ**: PZ1; PZ2
1 drive handle 1/4" **No. 400N**: L. 150 mm
1 T-handle 1/4" **No. 404**: L. 116 mm
2 extensions 1/4" **No. 405**: L. 54; 150 mm
1 universal joint 1/4" **No. 407**: L. 38 mm
1 square drive adaptor **No. 409**: 1/4 to 3/8"
1 bit holder 1/4" **No. 412**: L 25 mm
1 ratchet 1/4" **No. 415-2K**: L. 117 mm
1 bit ratchet 1/4" **No. 415B-2K**: L. 117 mm
3 sockets TORX® 3/8" **No. 45TX**: E10; E12; E14
10 sockets long, with bi-hex 3/8" **No. 46**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19 mm
10 uniflex sockets with bi-hex 3/8" **No. 47**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19 mm
2 screwdriver sockets TORX® 3/8" **No. 49TX**: T40; T45
3 extensions 3/8" **No. 427**: L. 76; 160; 240 mm
1 universal joint 3/8" **No. 428**: L. 46 mm
1 square drive adaptor **No. 431**: 3/8 to 1/4"
1 square drive adaptor **No. 432**: 3/8 to 1/2"
1 ratchet 3/8" **No. 435-2K**: L. 193 mm
1 bit holder 3/8" **No. 442**: L. 32 mm
12 sockets with hex 3/8" **No. 456**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22 mm
1 bit holder insert tool 1/4 " **No. 736/10**: 9 x 12 mm
1 bit holder insert tool 5/16" **No. 736/10**: 9 x 12 mm
2 bits POZIDRIV® 1/4" **No. PZ 1221, PZ 1222**: PZ1; PZ2
5 bits TORX® **No. 1410-1427**: T6; T7; T8; T9; T25
7 bits TORX® **No. 1440-1446**: T10; T15; T20; T25; T27; T30; T40
5 bits XZN® **No. 1350-1359**: M4; M5; M6; M8; M10

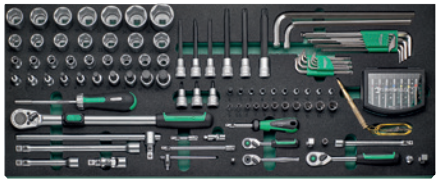
96833460
21 sockets with bi-hex 1/2" **No. 50**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 26; 27; 28; 30; 32; 34 mm
5 sockets TORX® 1/2" **No. 50TX**: E11; E16; E18; E20; E24
9 screwdriver sockets INHEX 1/2" **No. 54**: 5; 6; 7; 8; 10; 12; 14; 17; 19 mm
4 screwdriver sockets INHEX 1/2" **No. 54KK**: 6; 7; 8; 10 mm
3 screwdriver sockets TORX® 1/2" **No. 54TX**: T50; T55; T60
5 screwdriver sockets XZN® 1/2" **No. 54X**: M8; M10; M12; M14; M16
1 T-handle 1/2" **No. 506**: L. 300 mm
1 extension 1/2" **No. 509**: L. 130 mm
3 Wobble-Drive extensions 1/2" **No. 509W**: L. 52; 130; 255 mm
2 QuickRelease extensions 1/2" **No. 509QR**: L. 52; 130 (2 x) mm
1 universal joint 1/2" **No. 510**: L. 71 mm
1 ratchet 1/2" **No. 512-2K**: L. 265.5 mm
1 square drive adaptor **No. 513**: 1/2 to 3/8"
1 square drive adaptor **No. 514**: 1/2 to 3/4"
2 screwdriver sockets XZN® 1/2" **No. 2054X**: M8; M10
2 screwdriver sockets XZN® 1/2" **No. 3054X**: M12; M14

TCS WB 2700

97830265 Tool assortment

— for service and maintenance work on agricultural, construction and commercial vehicles
— metric tools
— extra long spanner for increased leverage
— safely integrated in the modular Tool Control System (TCS)

Product no.	Content pcs.	kg
97830265	238	35.5



96830288



96830289



96830291



96830292



96830290

Contains 238-pieces:

96830288

23 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 25; 26; 27; 28; 30; 32; 34; 36 mm
10 screwdriver sockets INHEX 1/2" **No. 54**: 4; 5; 6; 7; 8; 10; 12; 14; 17; 19 mm
3 screwdriver sockets TORX® 1/2" **No. 54TX**: T20; T25; T27
6 screwdriver sockets TORX® 1/2" **No. 1054TX**: T30; T40; T45; T50; T55; T60
11 sockets with hex 1/4" **No. 40**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
4 screwdriver sockets INHEX 1/4" **No. 44K**: 4; 5; 6; 8 mm
6 screwdriver sockets TORX® 1/4" **No. 44KTX**: T8; T9; T10; T15; T20; T25
1 square drive adaptor **No. 410**: 1/4 to 1/2"
1 bit holder 1/4" **No. 412**: L. 25 mm
1 bit adaptor, manual 1/4" **No. 3116**: L. 25 mm
1 bit ratchet screwdriver 1/4" **No. 4008**: L. 250 mm
1 telescopic ratchet 1/2" **No. 516**: L. 410-630 mm
1 QuickRelease T-handle 1/2" **No. 506QR**: L. 300 mm
2 QuickRelease extensions 1/2" **No. 509QR**: L. 130; 255 mm
1 QuickRelease universal joint 1/2" **No. 510QR**: L. 80 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 QuickRelease drive handle 1/4" **No. 400QR**: L. 150 mm
2 QuickRelease extensions 1/4" **No. 405QR**: L. 54; 150 mm
1 QuickRelease T-handle 1/4" **No. 404QR**: L. 116 mm
1 QuickRelease universal joint 1/4" **No. 407QR**: L. 45 mm
1 bit fine-tooth ratchet 1/4" **No. 415SGB N**: L. 117 mm
1 QuickRelease fine-tooth ratchet 3/8" **No. 435QR N**: L. 193 mm
1 QuickRelease extension 3/8" **No. 427QR**: L. 160 mm
1 square drive adaptor **No. 432**: 3/8 to 1/2"
1 square drive adaptor **No. 431**: 3/8 to 1/4"
1 automotive circuit tester **No. 12905**: 6-12 and 24 V
1 ball-ended L-Key set hex **No. 10767/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
2 L-Keys hex **No. 10765**: 12; 14 mm
1 L-Key set TORX® **No. 10766/8**: T9; T10; T15; T20; T25; T27; T30; T40
1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces

96830289

3 pin punches **No. 108**: Ø 4; 6; 8 mm
1 centre punch **No. 105**: Ø 12 mm
4 pin punches **No. 108**: Ø 2; 3; 5; 10 mm
1 engineer's hammer **No. 10961**: 500 g
1 flat chisel **No. 102**: B. 23; L. 200 mm
1 dead blow hammer **No. 10959**: Ø 50 mm
1 cross-cut chisel **No. 103**: W. 18 mm; L. 200 mm
1 engineer's hammer **No. 10961**: 1500 g
1 gasket scraper **No. 12718**: L. 265 mm
1 lever bar **No. 11007**: L. 400 mm
1 magnetic lifter **No. 12600**: 1800 g
1 tape measure **No. 12935**: L. 5 m
1 flat file **No. 12036**: L. 260 mm
1 half-round file **No. 12030**: L. 260 mm
1 round file **No. 12025**: L. 210 mm

Tool assortments

1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1.00 mm
1 adjustable spanner **No. 4025**: max. 39 mm
1 wire brush **No. 12374**: L. 290 mm

96830290
22 combination spanners **No. 14**: 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32; 36 mm

96830291
1 caliper, digital **No. 12900**: Measuring range: 150 mm/6"
1 PH cross-head screwdriver **No. 4734**: PH2
1 slotted screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 cable knife **No. 12320**: Blade length: 90 mm
6 TORX® screwdrivers **No. 4650**: T10; T15; T20; T25; T30; T40
3 PH cross-head screwdrivers with impact cap **No. 4632SK**: PH1; PH2; PH3
4 slotted screwdrivers with impact cap **No. 4622SK**: 0.8 x 4.0 x 90; 1.0 x 5.5 x 100; 1.2 x 6.5 x 125; 1.2 x 8.0 x 150 mm
1 PH cross-head screwdriver **No. 4632**: PH4
1 torch **No. 13132**: 130 lm
1 wooden folding ruler **No. 13112**: L. 2 m

96830292
8 circlip pliers **No. 6543-6546**: J1; J2; J11; J21; A1; A2; A11; A21
1 side cutters **No. 6720**: L. 160 mm
1 water pump pliers **No. 6572**: L. 240 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 combination pliers **No. 6700**: L. 180 mm
1 wire strippers: max. Ø 4 mm²
1 crimping pliers **No. 6638**: L. 220 mm

TCS 13214 WW

97830803 Line maintenance set
— for maintenance work on aircraft and helicopters
— 4 x 3/3 inserts for 4 drawers (No. 98 PRO for 2 drawers)
— safely integrated in the modular Tool Control System (TCS)

Product no.	Content pcs.	kg
97830803	167	15.5



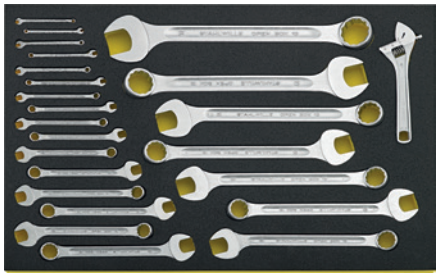
96830888



96832206



96832207



96832208

Contains 167-pieces:
96830888
4 pin punches **No. 109**: Ø 1.4; 2.8; 3.4; 3.9 mm
1 engineer's hammer **No. 10961**: 500 g
1 dead blow hammer **No. 10959**: Ø 35 mm
1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1 mm
4 plastic scrapers **No. 10678**: Medium blade, **No. 10679**: Narrow blade, **No. 10680**: Slanted blade, **No. 10681**: Sharp blade
1 cable knife **No. 12320**: Blade length: 90 mm
1 tape measure **No. 12935**: L. 3 m
1 scriber **No. 12321**: L. 250 mm
1 brass punch **No. 12495**: L. 200 mm
1 magnet lifter **No. 12601**: 500 g
1 caliper **No. 12900**: Measuring range: 150 mm/6"
1 tyre-tread caliper **No. 12900/3**: Measuring range: 0-30 mm
1 telescopic mirror **No. 12921M**: Ø 57 mm
1 claw lifter **No. 12922**: Ø 6 mm
1 steel ruler **No. 13110**: L. 300 mm

96832206
2 slotted screwdrivers **No. 4622**: 1.0 x 5.5 x 100; 1.2 x 8.0 x 150 mm
3 PH cross-head screwdrivers **No. 4632**: PH1; PH2; PH3
1 ball-ended L-Key set hex **No. 10767/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 wire twisting pliers **No. 6575**: L. 230 mm
1 self-grip wrench **No. 6564**: L. 175 mm
1 combination pliers **No. 6700**: L. 160 mm
1 telephone pliers **No. 6731**: L. 200 mm
1 water pump pliers **No. 6572**: L. 240 mm
1 mini electronic's side cutters **No. 6708**: L. 110 mm
1 hook tool **No. 13001:** Angled 45°
1 split pin puller **No. 13009**: L. 265 mm
1 torch **No. 13128**: 320 lm
1 round awl **No. 10758**: L. 280 mm

96832207
2 sockets with hex 1/4" **No. 40**: 4; 4.5 mm
11 sockets with bi-hex 1/4" **No. 40D**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
1 socket long, with hex 1/4" **No. 40L**: 4.5 mm
11 sockets long, with bi-hex 1/4" **No. 40DL**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
5 uniflex sockets with bi-hex 1/4" **No. 402**: 6; 7; 8; 9; 10 mm
2 QuickRelease extensions 1/4" **No. 408QR**: L. 55; 150 mm
1 universal joint 1/4" **No. 407**: L. 38 mm
1 square drive adaptor **No. 409**: 1/4 to 3/8"
1 bit fine-tooth ratchet 1/4" **No. 415SGB N**: L. 117 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 bit holder 1/4" **No. 412**: L. 20 mm
2 QuickRelease extensions 3/8" **No. 426QR**: L. 75; 240 mm
1 universal joint 3/8" **No. 428**: L. 46 mm
1 square drive adaptor **No. 431**: 3/8 to 1/4"
1 square drive adaptor **No. 432M**: 3/8 to 1/2"
1 QuickRelease speeder brace 3/8" **No. 453QR**: L. 408 mm
1 QuickRelease fine-tooth ratchet 3/8" **No. 435QR N**: L. 193 mm
1 bit holder 5/16" **No. 443**: L. 32 mm
1 drive handle 1/4" **No. 400N**: L. 150 mm
7 combination ratchet spanners **No. 17**: 8; 9; 10; 12, 13; 17; 19 mm
1 bit box **No. 1208**: 1 quick-change holder 1/4" | L. 25 mm: SL4,5;6,5;8 mm | PH1;2;3 (2x) | T6;15;20 | T-SET 4;6;8;10 (2x) | INHEX 5/64;9/64;1/8;3/16;5/32;7/64;3/32;7/32" | Adaptor 1/4" 4KT/6KT | 30-pieces
1 bit ratchet screwdriver 1/4" **No. 4008**: L. 250 mm

96832208
18 combination spanners **No. 13**: 5.5; 6; 7; 8; 9; 10; 12; 13; 14; 15; 17; 19; 20; 21; 22; 24; 27; 30 mm
5 combination spanners **No. 16**: 3.2; 3.5; 4; 4.5; 5 mm

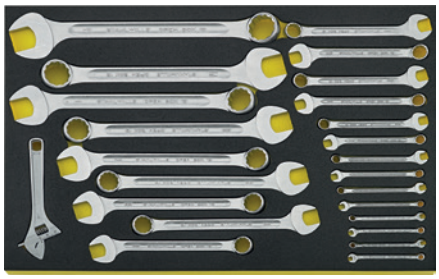


TCS 13214a WW

97830802 Line maintenance set

— for maintenance work on aircraft and helicopters
— 4 x 3/3 inserts for 4 drawers (No. 98 PRO for 2 drawers)
— safely integrated in the modular Tool Control System (TCS)

Product no.	Content pcs.	kg
97830802	163	18.5



96830885



96830886



96830887



96830888

Contains 163-pieces:

96830885

23 combination spanners **No. 13a**: 3/16; 13/64; 7/32; 15/64; 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 adjustable spanner **No. 4025**: max. 24 mm

96830886

10 sockets with bi-hex 1/4" **No. 40aD**: 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"
10 sockets long, with bi-hex 1/4" **No. 40aDL**: 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"
5 uniflex sockets with bi-hex 1/4" **No. 402a**: 1/4; 5/16; 3/8; 7/16; 1/2"
1 QuickRelease universal joint 1/4" **No. 407QR**: L. 38 mm
2 QuickRelease extensions 1/4" **No. 408QR**: L. 55; 150 mm
1 square drive adaptor **No. 409M**: 1/4 to 3/8"
1 drive handle 1/4" **No. 400N**: L. 150 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 bit fine-tooth ratchet 1/4" **No. 415SGB N**: L. 117 mm
1 bit holder 1/4" **No. 412**: L. 25 mm
8 sockets with bi-hex 3/8" **No. 45a**: 1/2; 9/16; 19/32; 5/8; 11/16; 3/4; 15/16; 1"
4 sockets long, with bi-hex 3/8" **No. 46a**: 5/8; 11/16; 3/4; 7/8"
2 QuickRelease extensions 3/8" **No. 426QR**: L. 75; 240 mm
1 QuickRelease universal joint 3/8" **No. 428QR**: L. 46 mm
1 square drive adaptor **No. 431**: 3/8 to 1/4"
1 square drive adaptor **No. 432M**: 3/8 to 1/2"
1 QuickRelease speeder brace 3/8" **No. 453QR**: L. 408 mm
1 QuickRelease fine-tooth ratchet 3/8" **No. 435QR N**: L. 193 mm
1 bit holder 3/8" **No. 443**: L. 32 mm
1 bit ratchet screwdriver **No. 4008**: L. 250 mm
6 combination ratchet spanners **No. 17a**: 1/4; 5/16; 3/8; 7/16; 1/2; 9/16"
1 bit box **No. 1208**: 1 quick-change holder 1/4" | L. 25 mm: SL4,5;6,5;8 mm | PH1;2;3 (2x) | T6;15;20 | T-SET 4;6;8;10 (2x) | INHEX 5/64;9/64;1/8;3/16;5/32;7/64;3/32;7/32" | Adaptor 1/4" 4KT/6KT | 30-pieces

96830887

2 slotted screwdrivers **No. 4622**: 1.0 x 5.5 x 100; 1.2 x 8.0 x 150 mm
3 PH cross-head screwdrivers **No. 4632**: PH1; PH2; PH3
1 combination pliers **No. 6700**: L. 160 mm
1 telephone pliers **No. 6731**: L. 200 mm
1 self-grip wrench **No. 6564**: L. 175 mm
1 water pump pliers **No. 6572**: L. 240 mm
1 wire twisting pliers **No. 6575**: L. 230 mm
1 electronic's side cutters **No. 6707**: L. 115 mm
1 hook tool **No. 13001:** Angled 45°
1 split pin puller **No. 13009**: L. 265 mm
1 torch **No. 13128**: 320 lm
1 round awl **No. 10758-2K**: L. 175 mm
1 ball-ended L-Key set hex **No. 10767a/13**: 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"

96830888

4 pin punches **No. 109**: Ø 1.4; 2.8; 3.4; 3.9 mm
1 engineer's hammer **No. 10961**: 500 g
1 dead blow hammer **No. 10959**: Ø 35 mm

1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1 mm
4 plastic scrapers **No. 10678**: Medium blade, **No. 10679**: Narrow blade, **No. 10680**: Slanted blade, **No. 10681**: Sharp blade
1 cable knife **No. 12320**: Blade length: 90 mm
1 tape measure **No. 12935**: L. 3 m
1 scriber **No. 12321**: L. 250 mm
1 brass punch **No. 12495**: L. 200 mm
1 magnet lifter **No. 12601**: 500 g
1 caliper **No. 12900**: Measuring range: 150 mm/6"
1 tyre-tread caliper **No. 12900/3**: Measuring range: 0-30 mm
1 telescopic mirror **No. 12921M**: Ø 57 mm
1 claw lifter **No. 12922**: Ø 6 mm
1 steel ruler **No. 13110**: L. 300 mm



TOOL ASSORTMENTS IN TCS INLAY.

TCS 1120/3 VW/AUDI



Tool assortment
— safely integrated in the modular Tool Control System (TCS)
Contains 9-pieces:
1 grooving chisel **No. 112**: W. 26 mm; L. 240 mm
1 triangular special scraper **No. 10670**: L. 260 mm
2 engineer's hammers **No. 10961**: 200; 1000 g
1 sheet metal shears, left-cutting **No. 12752L**: L. 260 mm
1 sheet metal shears, right-cutting **No. 12752R**: L. 260 mm
1 self-grip wrench **No. 6563**: L. 175 mm
2 self-grip wrenches **No. 6564**: L. 145; 250 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	kg
96831586	350	530	90	3/3	9	4.4

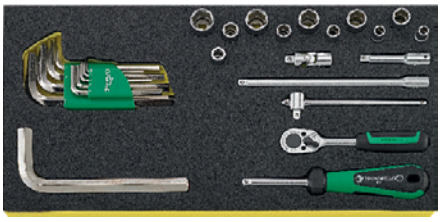
TCS 102-108/10959/10961/16



Tool assortment
— safely integrated in the modular Tool Control System (TCS)
Contains 16-pieces:
1 flat chisel **No. 102**: W. 23; L. 200 mm
1 cross-cut chisel **No. 103**: W. 17; L. 150 mm
1 centre punch **No. 105**: Ø 10 mm
5 pin punches **No. 108**: Ø 3; 4; 5; 6; 8 mm
1 dead blow hammer **No. 10959**: Ø 40 mm
1 engineer's hammer **No. 10961**: 500 g
1 brake caliper brush, steel wire **No. 12373**: L. 230 mm
1 magnetic lifter **No. 12600**: 500 g
1 gasket scraper **No. 12718**: L. 265 mm
1 tape measure **No. 12935**: L. 3 m
1 tyre lever **No. 39 PKW:** L. 400 mm
1 self-grip wrench **No. 6564**: L. 250 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	kg
96830609	350	530	45	3/3	16	4

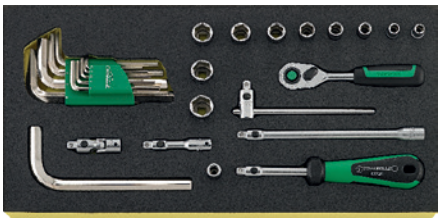
TCS 1/4 + 10760



Tool assortment
— safely integrated in the modular Tool Control System (TCS)
Contains 27-pieces:
10 sockets with hex 1/4" **No. 40**: 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
1 drive handle 1/4" **No. 400N**: L. 150 mm
1 T-handle 1/4" **No. 404**: L. 116 mm
2 extensions 1/4" **No. 405**: L. 54; 150 mm
1 universal joint 1/4" **No. 407**: L. 38 mm
1 bit holder 1/4" **No. 412**: L 25 mm
1 ratchet 1/4" **No. 415-2K**: L. 117 mm
1 L-Key hex **No. 10760**: 12 mm
1 L-Key set hex **No. 10760/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	kg
96838176	350	175	37	1/3	27	1.08

TCS 1/4 QR + 10760



QuickRelease tool assortment
— safely integrated in the modular Tool Control System (TCS)
Contains 27-pieces:
10 sockets with hex 1/4" **No. 40**: 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
1 QuickRelease drive handle 1/4" **No. 400QR**: L. 150 mm
1 QuickRelease T-handle 1/4" **No. 404QR**: L. 116 mm
2 QuickRelease extensions 1/4" **No. 405QR**: L. 54; 150 mm
1 QuickRelease universal joint 1/4" **No. 407QR**: L. 45 mm
1 bit holder 1/4" **No. 412**: L 25 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 L-Key hex **No. 10760**: 12 mm
1 L-Key set hex **No. 10760/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	kg
96830364	350	175	37	1/3	27	1.08

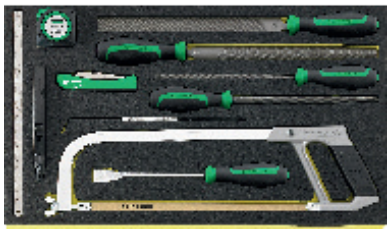
TCS 11095-13110/8



Tool assortment
— safely integrated in the modular Tool Control System (TCS)
Contains 8-pieces:
1 thread file **No. 12000/ISO**: L. 230 mm
1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1.00 mm
1 tape measure **No. 12935**: L. 3 m
1 scriber **No. 12321**: L. 250 mm
1 tungsten carbide scriber **No. 12322**: L. 150 mm
1 screw pitch gauges **No. 12665**: 0.25-6 mm
1 caliper **No. 12900**: Measuring range: 150 mm/6"
1 steel ruler **No. 13110**: L. 300 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96838789	350	175	35	1/3	8	700

TCS 12025-13110/11



Tool assortment
— safely integrated in the modular Tool Control System (TCS)
Contains 11-pieces:
1 gasket scraper **No. 12718**: L. 265 mm
1 engineer's file round, second cut **No. 12025-2K**: L. 210 mm
1 engineer's file half-round **No. 12030**: L. 260 mm
1 engineer's file triangular, second cut **No. 12035-2K**: L. 210 mm
1 engineer's file flat **No.12036-2K:** L. 260 mm
1 hacksaw **No. 12050**: L. 465 mm
1 cable knife **No. 12320**: Blade length: 90 mm
1 tape measure **No. 12935**: L. 3 m
1 scriber **No. 12321**: L. 250 mm
1 steel ruler **No. 13110**: L. 300 mm
1 safety knife **No. 12965**: L. 174 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	kg
96838759	350	530	35	3/3	11	3.11

TCS 5 821/27



Tool assortment
— safely integrated in the modular Tool Control System (TCS)
Contains 27-pieces:
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
2 slotted screwdrivers **No. 4620**: 0.8 x 4 x 100; 1.6 x 10 x 200 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 cable knife **No. 12320**: Blade length: 90 mm
1 tape measure **No. 12935**: L. 3 m
1 mini magnetic lifter **No. 12600**: 270 g
1 torch **No. 13132**: 130 lm
1 wooden folding ruler **No. 13112**: L. 2 m
1 ball-ended L-Key set TORX® **No. 10771/8**: T9; T10; T15; T20; T25; T27; T30; T40
1 ball-ended L-Key set hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	kg
96830268	350	350	40	2/3	27	2.22

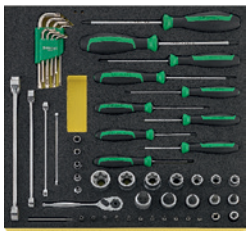
TCS 7 821/9

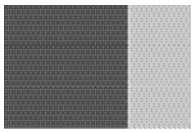


Tool assortment
— safely integrated in the modular Tool Control System (TCS)
Contains 9-pieces:
4 electrician's slotted screwdrivers **No. 4751**: 0.3 x 1.5; 0.4 x 2; 0.4 x 2.5; 0.5 x 3 mm
3 electrician's PH cross-head screwdrivers **No. 4752**: PH00; PH0; PH1
1 electronics needle nose pliers **No. 6711**: L. 130 mm
1 mini electronics side cutters **No. 6708** L. 115 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96830270	350	175	45	1/3	9	418

TCS TORX®/57 MF





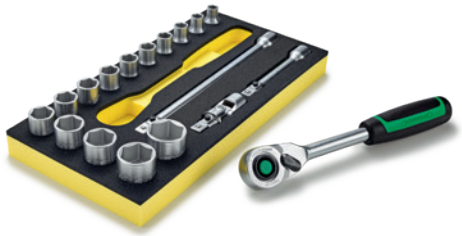
Tool assortment

— safely integrated in the modular Tool Control System (TCS)

Contains 53-pieces:

4 double-ended ring spanners TORX® **No. 21TX**: E6 x E8; E10 x E12; E14 x E18; E20 x E24
5 sockets TORX® 1/4" **No. 40TX**: E4; E5; E6; E7; E8
1 bit holder 1/4" **No. 412**: L. 25 mm
1 bit fine-tooth ratchet 1/4" **No. 415SGB N**: L. 117 mm
3 sockets TORX® 3/8" **No. 45TX**: E10; E12; E14
2 screwdriver sockets TORX® 3/8" **No. 49TX**: T40; T45
1 bit holder 3/8" **No. 442**: L. 32 mm
4 sockets TORX® 1/2" **No. 50TX**: E16; E18; E20; E24
3 screwdriver sockets TORX® 1/2" **No. 54TX**: T50; T55; T60
5 bits TORX® **No. 1410-1427**: T6; T7; T8; T9; T25
6 bits TORX® **No. 1440-1446**: T10; T15; T20; T25; T30; T40
10 TORX® screwdrivers **No. 4650**: T6; T7; T8; T9; T10; T15; T20; T25; T27; T30
1 L-Key set TORX® **No. 10766/8**: T9; T10; T15; T20; T25; T27; T30; T40

Product no.	L mm	W mm	H mm	Size	Content pcs.	kg
96830450	350	350	60	2/3	53	2.72

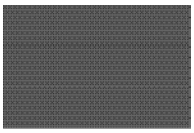


Tool Control System

The intelligent modular inlay system protects and organises the tools in tool boxes, tool trolleys and workbenches. Two-colour foam inlays make checking the completeness of the tools quick and easy.

TCS 8 821/21





Tool assortment

— safely integrated in the modular Tool Control System (TCS)

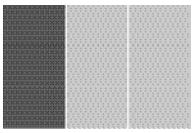
Contains 21-pieces:

1 screw extractor set **No. 900/6 T**: M3-M4; M5-M7; M8-M11; M10-M12; M14-M16; M18-M22
1 warding file set **No. 12800**: 6-pieces
1 flat file **No. 12036**: L. 260 mm
1 gasket scraper **No. 12718**: L. 265 mm
1 safety knife **No. 12965**: L. 165 mm
1 wire brush **No. 12377**: L. 270 mm
1 steel ruler **No. 13110**: L. 300 mm
1 hacksaw **No. 12050**: Blade length: 300 mm
1 tungsten carbide scriber **No. 12322**: Ø 3.15 mm
1 wire cutters **No. 13148**: L. 150 mm
1 precision feeler gauges, 20 blades **No. 11095:** 0.05-1.00 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	kg
96830271	350	530	50	3/3	21	3.17

TCS 6 821/7





Tool assortment

— safely integrated in the modular Tool Control System (TCS)

Contains 7-pieces:

1 engineer's hammer **No. 10961**: 500 g
1 dead blow hammer **No. 10959**: Ø 35 mm
1 flat chisel **No. 102**: W. 20; L. 175 mm
1 pin punch **No. 108**: Ø 6 mm
1 centre punch **No. 105**: Ø 10 mm
1 pin punch **No. 109**: Ø 3.4 mm
1 drift punch **No. 104**: Ø 4 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	kg
96830269	350	175	40	1/3	7	1.85

TCS 102-108/10959/10961/12718/13



Punch and chisel set
— safely integrated in the modular Tool Control System (TCS)
Contains 13-pieces:
2 flat chisels **No. 102**: W. 23; 23; L. 200; 300 mm
1 cross-cut chisel **No. 103**: W. 17; L. 150 mm
1 centre punch **No. 105**: Ø 10 mm
5 pin punches **No. 108**: Ø 3; 4; 5; 6; 8 mm
2 engineer's hammers **No. 10961**: 500; 800 g
1 dead blow hammer **No. 10959**: Ø 40 mm
1 gasket scraper **No. 12718**: L. 265 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	kg
96830223	350	530	40	3/3	13	5.15

TCS 10956/10961/2



Hammer set
— safely integrated in the modular Tool Control System (TCS)
Contains 2-pieces:
1 engineer's hammer **No. 10961**: 500 g
1 nylon hammer **No. 10956**: Ø 32 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	kg
96838194	350	175	45	1/3	2	1.21

TCS 102-108/10956/10960/18



Punch and chisel set
— safely integrated in the modular Tool Control System (TCS)
Contains 18-pieces:
1 wire brush **No. 12374**: L. 290 mm
1 safety knife **No. 12965**: L. 174 mm
1 flat chisel **No. 102**: W. 17; L. 150 mm
1 cross-cut chisel **No. 103**: W. 17; L. 150 mm
1 centre punch **No. 105**: Ø 10 mm
6 pin punches **No. 108**: Ø 2.5; 3; 4; 5; 6; 8 mm
1 nylon hammer **No. 10956**: Ø 50 mm
2 engineer's hammers **No. 10961**: 300; 500 g
1 glass scraper **No. 10356**: L. 165 mm
1 triangular special scraper **No. 10670**: L. 285 mm
1 flat scraper **No. 10672**: W. 20; L. 315 mm
1 caliper **No. 12900**: Measuring range: 150 mm/6"

Product no.	L mm	W mm	H mm	Size	Content pcs.	kg
96830620	350	530	55	3/3	18	3.94

TCS 102-108/10961/10

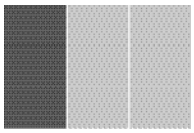


Punch and chisel set
— safely integrated in the modular Tool Control System (TCS)
Contains 10-pieces:
1 flat chisel **No. 102**: W. 23; L. 200 mm
1 centre punch **No. 105**: Ø 10 mm
1 pin punch **No. 108**: Ø 2 mm
4 pin punches **No. 108**: Ø 3; 4; 5; 6 mm
1 pin punch **No. 108**: Ø 4 mm
1 pin punch **No. 108**: Ø 8 mm
1 engineer's hammer **No. 10961**: 500g

Product no.	L mm	W mm	H mm	Size	Content pcs.	kg
96830361	350	175	40	1/3	10	1.66

TCS 102-109/10956/10961/6







Punch and chisel set

— safely integrated in the modular Tool Control System (TCS)

Contains 6-pieces:

1 flat chisel **No. 102**: B.20; L. 175 mm
2 pin punches **No. 108**: Ø 6 mm, L. 150; 175 mm
1 pin punch **No. 109**: Ø 3.4 mm
1 nylon hammer **No. 10956**: Ø 35 mm
1 engineer's hammer **No. 10961**: 500 g

Product no.	L mm	W mm	H mm	Size	Content pcs.	kg
96838181	350	175	40	1/3	6	1.69

LARGE WORKSHOP TOOL SETS.

801N

Large workshop set

Contains 127-pieces:

1 double open-ended spanner set in roll-up tool pouch **No. 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 32 mm
1 double open-ended spanner set in roll-up tool pouch **No. 12/10**: 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11 mm
1 double-ended ring spanner set **No. 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 32 mm
6 double-ended flex spanner **No. 29**: 10 x 11; 12 x 13; 14 x 15; 16 x 18; 17 x 19; 21 x 23 mm
1 wheel brace $^1/_2$" **No. 35c Pkw**: 17; 19; 22 mm
2 tyre levers **No. 39**: L. 400 mm (2 x)
2 tyre levers **No. 39/1**: L. 600 mm (2 x)
21 sockets with bi-hex $^1/_2$" **No. 50**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 25; 26; 27; 28; 30; 32 mm
11 sockets long, with bi-hex $^1/_2$" **No. 51**: 13; 16 mm-$^5/_8$"; 17; 18; 19 mm; 20.8 mm-$^{13}/_{16}$"; 22; 24; 27; 30; 32 mm
7 screwdriver sockets INHEX $^1/_2$" **No. 54**: 4; 5; 6; 8; 10; 12; 14 mm
1 speeder brace $^1/_2$" **No. 501**: L. 433 mm
1 flexible handle $^1/_2$" **No. 504**: L. 397 mm
1 T-handle $^1/_2$" **No. 506**: L. 300 mm
3 extensions $^1/_2$" **No. 509**: L. 52; 130; 255 mm
1 universal joint $^1/_2$" **No. 510**: L. 71 mm
1 ratchet $^1/_2$" **No. 512-2K**: L. 265.5 mm
1 ribbed flat chisel **No. 100**: W. 26; L. 200 mm
1 cross-cut chisel **No. 103**: W. 17; L. 150 mm
1 drift punch **No. 104**: Ø 4 mm
1 centre punch **No. 105**: Ø 10 mm
3 slotted screwdrivers **No. 4622**: 1.2 x 6.5 x 125; 1.2 x 8.0 x 150; 2.0 x 12.0 x 200 mm
2 electrician's slotted screwdrivers **No. 4628**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 125 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 slotted screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 triangular special scraper **No. 10670**: L. 310 mm
1 triangular bearing scraper **No. 10676**: L. 315 mm
1 engineer's hammer **No. 10961**: 500 g
1 precision feeler gauges, 13 blades **No. 11095**: 0.05-1 mm
1 round file **No. 12025**: L. 210 mm
1 half-round file **No. 12030**: L. 260 mm
1 triangular file **No. 12035**: L. 210 mm
1 hacksaw **No. 12050**: L. 300 mm
1 puller, two-armed **No. 12150**: L. 200 mm
1 combination pliers **No. 6700**: L. 160 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 telephone pliers **No. 6731**: L. 200 mm
2 circlip pliers **No. 6543, No. 6545**: J2; A2
1 water pump pliers **No. 6554**: L. 255 mm
1 self-grip wrench **No. 6564**: L. 250 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm
1 oil can **No. 12250**: 0.5 l
1 cable knife **No. 12320**: Blade length: 90 mm
1 spark plug brush **No. 12375**: L. 150 mm
1 tape measure **No. 12935**: L. 3 m

Product no.	Content pcs.	kg
97841210	127	28.65

802N

Large workshop set
Contains 128-pieces:
2 circlip pliers **No. 6545, 6543**: A2; J2
1 water pump pliers **No. 6572**: L. 240 mm
1 self-grip wrench **No. 6564**: L. 250 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm
1 oil can **No. 12250**: 0,5 l
1 cable knife **No. 12320**: L. 111 mm
1 spark plug brush **No. 12375:** L. 150 mm
1 double open-ended spanner set in roll-up tool pouch **No. 12/10**: 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11 mm
1 combination spanner set **No. 13/26**: 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 25; 26; 27; 28; 29; 30; 32 mm
6 double-ended flex spanner **No. 29**: 10 x 11; 12 x 13; 14 x 15; 16 x 18; 17 x 19; 21 x 23 mm
1 wheel brace $^{1}/_{2}$" **No. 35c Pkw**: 17; 19; 22 mm
2 tyre levers **No. 39**: 400 mm (2 x)
2 tyre levers **No. 39/1**: 600 mm (2 x)
21 sockets with bi-hex $^{1}/_{2}$" **No. 50**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 25; 26; 27; 28; 30; 32 mm
11 sockets long, with bi-hex $^{1}/_{2}$" **No. 51**: 13; 16 mm-$^{5}/_{8}$"; 17; 18; 19 mm; 20.8 mm-$^{13}/_{16}$"; 22; 24; 27; 30; 32 mm
7 screwdriver sockets INHEX $^{1}/_{2}$" **No. 54**: 4; 5; 6; 8; 10; 12; 14 mm
1 speeder brace $^{1}/_{2}$" **No. 501**: L. 433 mm
1 flexible handle $^{1}/_{2}$" **No. 504**: L. 397 mm
1 T-handle $^{1}/_{2}$" **No. 506**: L. 300 mm
3 extensions $^{1}/_{2}$" **No. 509**: L. 52; 130; 255 mm
1 universal joint $^{1}/_{2}$" **No. 510**: L. 71 mm
1 ratchet $^{1}/_{2}$" **No. 512-2K**: L. 265.5 mm
1 ribbed flat chisel **No. 100**: W. 26; L. 200 mm
1 cross-cut chisel **No. 103**: W. 17; L. 150 mm
1 drift punch **No. 104**: Ø 4 mm
1 centre punch **No. 105**: Ø 10 mm
3 slotted screwdrivers **No. 4622**: 1.2 x 6.5 x 125; 1.2 x 8.0 x 150; 2.0 x 12.0 x 200 mm
2 electrician's slotted screwdrivers **No. 4628**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 125 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 slotted screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 triangular special scraper **No. 10670**: L. 310 mm
1 triangular bearing scraper **No. 10676**: L. 315 mm
1 engineer's hammer **No. 10961**: 500 g
1 precision feeler gauges, 13 blades **No. 11095**: 0.05-1 mm
1 round file **No. 12025**: L. 210 mm
1 half-round file **No. 12030**: L. 260 mm
1 triangular file **No. 12035**: L. 210 mm
1 hacksaw **No. 12050**: L. 300 mm
1 puller, two-armed **No. 12150**: L. 200 mm
1 tape measure **No. 12935**: L. 3 m
1 combination pliers **No. 6700** L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 telephone pliers **No. 6731**: L. 200 mm

Product no.	Content pcs.	kg
97840312	128	28.9

803N

Large workshop set
Contains 164-pieces:
1 double open-ended spanner set in roll-up tool pouch **No. 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 32 mm
6 double open-ended spanners **No. 10a**: $^{1}/_{4}$ x $^{5}/_{16}$; $^{3}/_{8}$ x $^{7}/_{16}$; $^{1}/_{2}$ x $^{9}/_{16}$; $^{5}/_{8}$ x $^{11}/_{16}$; $^{3}/_{4}$ x $^{7}/_{8}$; $^{15}/_{16}$ x 1"
1 double open-ended spanner set in roll-up tool pouch **No. 12/10**: 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11 mm
1 double open-ended spanner set in roll-up tool pouch **No. 12a/13**: $^{5}/_{32}$; $^{3}/_{16}$; $^{13}/_{64}$; $^{7}/_{32}$; $^{15}/_{64}$; $^{1}/_{4}$; $^{9}/_{32}$; $^{5}/_{16}$; $^{11}/_{32}$; $^{3}/_{8}$; $^{7}/_{16}$; $^{1}/_{2}$; $^{9}/_{16}$"
12 combination spanners **No. 13**: 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19 mm
7 combination spanners **No. 13a**: $^{3}/_{8}$; $^{7}/_{16}$; $^{1}/_{2}$; $^{9}/_{16}$; $^{5}/_{8}$; $^{11}/_{16}$; $^{3}/_{4}$"
6 double-ended ring spanners **No. 21**: 6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 17 x 19 mm
5 double-ended ring spanners **No. 20a**: $^{1}/_{4}$ x $^{5}/_{16}$; $^{3}/_{8}$ x $^{7}/_{16}$; $^{1}/_{2}$ x $^{9}/_{16}$; $^{3}/_{4}$ x $^{7}/_{8}$; $^{15}/_{16}$ x 1"
1 double-ended ring spanner set **No. 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 22 mm
6 double-ended ring spanners **No. 230a**: $^{3}/_{8}$ x $^{7}/_{16}$; $^{1}/_{2}$ x $^{9}/_{16}$; $^{9}/_{16}$ x $^{5}/_{8}$; $^{11}/_{16}$ x $^{3}/_{4}$; $^{13}/_{16}$ x $^{7}/_{8}$; $^{15}/_{16}$ x 1"
18 sockets with bi-hex $^{1}/_{2}$" **No. 50**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 23; 24; 27; 30; 32 mm
15 sockets with bi-hex $^{1}/_{2}$" **No. 50a**: $^{3}/_{8}$; $^{7}/_{16}$; $^{1}/_{2}$; $^{9}/_{16}$; $^{5}/_{8}$; $^{11}/_{16}$; $^{3}/_{4}$; $^{13}/_{16}$; $^{7}/_{8}$; $^{15}/_{16}$; 1; 1 $^{1}/_{16}$; 1 $^{1}/_{8}$; 1 $^{3}/_{16}$; 1 $^{1}/_{4}$"
1 speeder brace $^{1}/_{2}$" **No. 501**: L. 433 mm
1 flexible handle $^{1}/_{2}$" **No. 504**: L. 397 mm
1 T-handle $^{1}/_{2}$" **No. 506**: L. 300 mm
3 extensions $^{1}/_{2}$" **No. 509**: L. 52; 130; 255 mm
1 universal joint $^{1}/_{2}$" **No. 510**: L. 71 mm
1 ratchet $^{1}/_{2}$" **No. 512-2K**: L. 265.5 mm
1 ribbed flat chisel **No. 100**: W. 20; L. 150 mm
1 centre punch **No. 105**: Ø 12 mm
2 pin punches **No. 108**: Ø 4; 6 mm
4 slotted screwdrivers **No. 4620**: 1.0 x 5.5 x 100; 1.2 x 6.5 x 150; 1.6 x 8.0 x 175; 1.6 x 10.0 x 200 mm
1 electrician's slotted screwdriver **No. 4628**: 0.6 x 3.5 x 75 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 slotted screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 L-Key set hex **No. 10760/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 L-Key set hex **No. 10760a/10**: $^{1}/_{16}$; $^{5}/_{64}$; $^{3}/_{32}$; $^{1}/_{8}$; $^{5}/_{32}$; $^{3}/_{16}$; $^{7}/_{32}$; $^{1}/_{4}$; $^{5}/_{16}$; $^{3}/_{8}$"
1 engineer's hammer **No. 10970**: 1 lb.
1 hacksaw **No. 12050**: L. 300 mm
1 combination pliers **No. 6700**: L. 200 mm
1 telephone pliers **No. 6730**: L. 160 mm
1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm

Product no.	Content pcs.	kg
97842613	164	17.83

804N

Large workshop set
Contains 106-pieces:
1 double open-ended spanner set **No. 12/10**: 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11 mm
19 combination spanners **No. 13**: 6; 7; 8; 9; 10; 11; 12; 13; 15; 16; 17; 18; 19; 21; 22; 24; 27; 30; 32 mm
1 socket set 1/4" **No. 40/13/6**: No. 40: 3.5; 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13 mm; No. 400; 404; 405/2; 405/6; 407; 415
15 sockets with bi-hex 1/2" **No. 50**: 10; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24; 27; 30; 32 mm
2 sockets long, with bi-hex 1/2" **No. 51**: 16 mm-5/8"; 20.8 mm-13/16"
1 T-handle 1/2" **No. 506**: L. 300 mm
2 extensions 1/2" **No. 509**: L. 130; 255 mm
1 universal joint 1/2" **No. 510**: L. 71 mm
1 ratchet 1/2" **No. 512-2K**: L. 265.5 mm
1 ribbed flat chisel **No. 100**: W. 26; L. 200 mm
1 cross-cut chisel **No. 103**: W. 20; L. 200 mm
1 chisel and drift punch set **No. 105-108/6**: No. 105: Ø10 mm; No. 108: Ø 2.5; 3; 4; 5; 6 mm
5 slotted screwdrivers **No. 4620**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150; 1.6 x 8.0 x 175 mm
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
2 PH cross-head screwdrivers **No. 4630**: PH1; PH2
1 L-Key set hex **No. 10760/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 plastic hammer **No. 10955**: Ø 35 mm
1 engineer's hammer **No. 10961**: 500 g
1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1 mm
1 combination pliers **No. 6700**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 water pump pliers **No. 6551**: L. 240 mm
1 self-grip wrench **No. 6564**: L. 250 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm
1 oil can **No. 12251**: 0,25 l
1 scriber **No. 12321**: L. 250 mm
1 spark plug brush **No. 12375:** L. 150 mm

Product no.	Content pcs.	kg
97842714	106	12.66

811N

Car workshop set
Contains 83-pieces:
1 double open-ended spanner set in roll-up tool pouch **No. 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 32 mm
1 double-ended ring spanner set in roll-up tool pouch **No. 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 32 mm
1 tyre lever **No. 39**: L. 400 mm
17 sockets with bi-hex 1/2" **No. 50**: 10; 11; 12; 13; 14; 15; 16; 17; 19; 21; 22; 23; 24; 26; 27; 30; 32 mm
2 sockets long, with bi-hex 1/2" **No. 51**: 16 mm-5/8"; 20.8 mm-13/16"
7 screwdriver sockets INHEX 1/2" **No. 54**: 4; 5; 6; 8; 10; 12; 14 mm
1 flexible handle 1/2" **No. 504**: L. 397 mm
1 T-handle 1/2" **No. 506**: L. 300 mm
3 extensions 1/2" **No. 509**: L. 52; 130; 255 mm
1 universal joint 1/2" **No. 510**: L. 71 mm
1 ratchet 1/2" **No. 512-2K**: L. 265.5 mm
1 ribbed flat chisel **No. 100**: W. 26; L. 200 mm
1 cross-cut chisel **No. 103**: W. 16; L. 150 mm
1 drift punch **No. 104**: Ø 4 mm
1 centre punch **No. 105**: Ø 10 mm
3 slotted screwdrivers **No. 4622**: 1.2 x 6.5 x 125; 1.2 x 8.0 x 150; 2.0 x 12.0 x 200 mm
2 electrician's slotted screwdrivers **No. 4628**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 125 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 slotted screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 triangular special scraper **No. 10670:** L. 310 mm
1 triangular bearing scraper **No. 10676**: L. 315 mm
1 engineer's hammer **No. 10961**: 500 g
1 combination pliers **No. 6700**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 telephone pliers **No. 6731**: L. 200 mm
2 circlip pliers **No. 6543, 6545**: J2; A2
1 water pump pliers **No. 6572**: L. 255 mm
1 self-grip wrench **No. 6564**: L. 250 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm
1 spark plug brush **No. 12375:** L. 150 mm

Product no.	Content pcs.	kg
97841311	83	16.3

MADE IN GERMANY

For more than 160 years, the STAHLWILLE brand has been synonymous with premium tools. From its foundation by Eduard Wille to the present day, our goal has always been the same: to manufacture tools that set the standard and that are 'Made in Germany'.

841N

Construction machinery set
Contains 129-pieces:
1 double open-ended spanner set **No. 10/9**: 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 24 mm
23 combination spanners **No. 14**: 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32; 34; 36 mm
1 socket set 1/4" **No. 40/13/6**: No. 40: 3.5; 4; 4.5; 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13 mm; No. 400; 404; 405/2; 405/6; 407; 415-2K
1 socket set 1/2" **No. 50/16/6**: No. 50: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 21; 22; 24; 27; 30; 32 mm No. 506, 509/3, 509/5, 509/10, 510, 512-2K
1 flexible handle 1/2" **No. 504**: L. 397 mm
1 square drive adaptor **No. 514**: 3/4 to 1/2"
1 socket set 3/4" **No. 55/9/6N**: No. 55: 32; 34; 36; 38; 41; 46; 50; 55; 60 mm, No. 552, 554, 556, 558, 559/8, 559/16
1 square drive adaptor **No. 568**: 3/4 to 1/2"
1 punch and chisel set **No. 102-108/6**: No. 102: W. 14; L. 125; W. 17; L. 150 mm No. 104: Ø 2; 4 mm; No. 105: Ø 10 mm No. 108: Ø 4 mm
2 PZ cross-head screwdrivers **No. 4840**: PZ1; PZ2
1 screwdriver set **No. 4891**: No. 4820: 0.6 x 3.5 x 75; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150 mm; No. 4830: PH1; PH2
1 L-Key set hex **No. 10760/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 combination pliers **No. 6700**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 self grip wrench **No. 6563** L. 250 mm
1 water pump pliers **No. 6572**: L. 240 mm
1 heavy-duty side cutters **No. 6720**: L. 180 mm
1 nylon hammer **No. 10956**: Ø 35 mm
2 engineer's hammers **No. 10961**: 300; 500 g
1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1 mm
1 hacksaw **No. 12050**: L. 300 mm
1 metal saw blades **No. 12050R**: 10 blades
1 wire brush **No. 12374**: L. 290 mm
1 magnetic lifter **No. 12600**: 1800 g
1 tape measure **No. 12935**: L. 3 m

Product no.	Content pcs.	kg
97841418	129	35.77



3027

Electrician's set
Contains 85-pieces:
2 combination spanners **No. 13**: 6; 7 mm
1 combination spanner set **No. 13/9**: 9; 10; 11; 12; 13; 14; 17; 19; 22 mm
1 socket set 1/4" **No. 40/23/6** No. 40: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm; No. 41K: 0.6 x 3.5; 1 x 5.5; 1.2 x 8 mm; No. 44K: 3; 4; 5; 6; 8 mm; No. 44PH: PH1; PH2; PH3; PH4; No. 400; 404; 405/2; 405/6; 407; 415-2K
2 sockets long, with bi-hex 3/8" **No. 46**: 12; 20.8 mm
1 spark plug socket long, with bi-hex and rubber insert 3/8" **No. 4600**: 16 mm
1 T-handle 3/8" **No. 425**: L. 165 mm
1 universal joint 3/8" **No. 428**: L. 46 mm
1 extension 3/8" **No. 427**: L. 160 mm
3 electrician's slotted screwdrivers **No. 4628**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 125; 1.0 x 5.5 x 200 mm
2 PH cross-head screwdrivers **No. 4630**: PH1; PH2
1 slotted screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 PH cross-head screwdriver **No. 4734**: PH2
1 offset screwdriver slotted **No. 10546**: 1.0 x 5.5 x 125 mm
1 offset screwdriver PH cross-head **No. 10551**: PH1 x PH2
1 L-Key set hex **No. 10760/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 combination pliers **No. 6700**: L. 180 mm
1 telephone pliers **No. 6730**: L. 160 mm
1 telephone pliers **No. 6731**: L. 160 mm
1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm
1 wire cutters **No. 6622**: max. Ø 5 mm²
1 crimping pliers for end sleeves **No. 6638**: L. 220 mm
1 automotive voltage tester set **No. 7756**: 3-48 V
1 nylon hammer **No. 10956**: Ø 35 mm
1 extractor tool **No. 1551**: for flat plug-in sockets with notches, 2.8 mm
1 extractor tool **No. 1552**: for flat plug-in sockets with notches, 5.8 mm
1 tool set KABELEX® **No. 1560**:
1 extractor tool No. 1501: for contact dimension Ø 1.5 mm
1 extractor tool No. 1502: for contact dimension Ø 3.5 mm
1 extractor tool No. 1503: for contact dimension Ø 4.0 mm ABS (truck) or assembly sleeve No. 1523
2 dismantling sleeves No. 1511: Ø 1.5 mm (1 piece mounted)
2 dismantling sleeves No. 1512: Ø 3.5 mm (1 piece mounted)
2 dismantling sleeves No. 1513: Ø 4.0 mm
1 dismantling sleeve No. 1523: ABS

Product no.	Content pcs.	kg
97843101	85	6.29

13200a



Aircraft mechanics basic set

Contains 159-pieces:

1 double open-ended spanner set in roll-up tool pouch **No. 12a/13**: 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"

21 combination spanners **No. 13a**: 3/16; 13/64; 7/32; 15/64; 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"

9 double-ended ring spanners **No. 230a**: 1/4 x 5/16; 5/16 x 11/32; 3/8 x 7/16; 7/16 x 1/2; 1/2 x 9/16; 9/16 x 5/8; 11/16 x 3/4; 13/16 x 7/8; 15/16 x 1"

1 adjustable spanner **No. 4025**: max. 13 mm

1 socket set 1/4" **No. 40aD/30/7QR**: No. 40a: 1/8"; No. 40aD: 5/32; 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"; No. 40aDL: 5/32; 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"; No. 402a: 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2"; No. 400QR; 405/2QR (2x); 405/6QR; 407QR; 412; 415SG-QR

1 square drive adaptor **No. 409**: 1/4 to 3/8"

1 bit fine-tooth ratchet 1/4" **No. 415SGB N**: L. 117 mm

4 sockets long, with bi-hex 3/8" **No. 46a**: 7/16; 1/2; 9/16; 5/8"

1 extension 3/8" **No. 427**: L. 455 mm

1 square drive adaptor **No. 431**: 3/8 to 1/4"

1 socket set 3/8" **No. 45a/22/8QR**: No. 45a: 1/4; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16; 5/8; 11/16; 3/4; 13/16; 7/8; 15/16; 1"; No. 47a: 5/16; 3/8; 7/16; 1/2; 9/16; 5/8; 11/16; 3/4"; No. 427/10QR; 427/6QR; 427/3QR; 428QR; 435SG-QR; 442; 443; 453QR

2 bits PHILLIPS® **No. PH 1220; PH 1222**: PH0; PH2

3 bits TORQ-SET® **No. 13010**: Size 0; 2; 3

1 bit ratchet screwdriver 1/4" **No. 4008**: L. 250 mm

1 bit holder 1/4" **No. 12503**: L. 65 mm

3 slotted screwdrivers **No. 4622**: 1.0 x 5.5 x 100; 1.2 x 8.0 x 150; 1.6 x 10.0 x 175 mm

3 PH cross-head screwdrivers **No. 4632**: PH1; PH2; PH3

1 L-Key set hex **No. 10760a/9**: 1/16; 5/64; 3/32; 1/8; 5/32; 3/16; 1/4; 5/16; 3/8"

1 pin punch and centre punch set **No. 105-8/6**: No. 105: Ø 10 mm; No. 108: Ø 2.5; 3; 4; 5; 6 mm

1 triangular special scraper **No. 10670**: L. 210 mm

1 plastic hammer **No. 10955**: Ø 27 mm

1 engineer's hammer **No. 10961**: 300 g

1 magnetic lifter **No. 12600**: 500 g

1 telescopic mirror **No. 12921N**: L. 285-725 mm

1 claw lifter **No. 12922**: Ø 6 mm

1 tape measure **No. 12935**: L. 3 m

1 steel ruler **No. 13110**: L. 300 mm

1 combination pliers **No. 6700**: L. 180 mm

1 telephone pliers **No. 6730**: L. 200 mm

1 water pump pliers **No. 6551**: L. 240 mm

1 wire twisting pliers **No. 6575**: L. 280 mm

1 side cutters **No. 6720**: L. 180 mm

1 cable knife **No. 12320**: Blade length: 90 mm

1 scriber **No. 12321**: L. 250 mm

1 caliper **No. 12900**: Measuring range: 150 mm/6"

1 torch **No. 13124**: 165 lm (wide); 122 lm (narrow)

1 wire cutters **No. 13148**: L. 150 mm

1 bit box **No. 1208**: 1 quick-change holder 1/4" | L. 25 mm: SL4,5;6,5;8 mm | PH1;2;3 (2x) | T6;15;20 | T-SET 4;6;8;10 (2x) | IN-HEX 5/64;9/64;1/8;3/16;5/32;7/64;3/32;7/32" | Adaptor 1/4" 4KT/6KT | 30-pieces

Product no.	Content pcs.	kg
97846011	159	16

13205a



Aerospace basic set

Contains 131-pieces:

1 double open-ended spanner set in roll-up tool pouch **No. 12a/13**: 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"

16 combination spanners **No. 13a**: 3/16; 13/64; 7/32; 15/64; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16; 19/32; 5/8; 11/16; 3/4"

6 double-ended ring spanners **No. 230a**: 5/16 x 11/32; 3/8 x 7/16; 7/16 x 1/2; 1/2 x 9/16; 9/16 x 5/8; 11/16 x 3/4"

1 adjustable spanner **No. 4025**: max. 13 mm

1 square drive adaptor 3/8" **No. 409**: 1/4 to 3/8"

1 socket set 1/4" **No. 40aD/30/7QR:** No. 40a: 1/8"; No. 40aD: 5/32; 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"; No. 40aDL: 5/32; 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"; No. 402a: 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2"; No. 400QR, 405/2QR (2x), 405/6QR, 407QR, 412, 415SG-QR

6 bits slotted 1/4" **No. 1161-1166**: 0.5 x 4; 0.6 x 3.5; 0.6 x 4.5; 0.8 x 4; 0.8 x 5.5; 1 x 5.5 mm

4 bits PHILLIPS® 1/4" **No. PH 1220-1223**: PH0; PH1; PH2; PH3

6 bits TRI-WING® 1/4" **No. 13008**: Size 0; 1; 2; 3; 4; 5

9 bits TORQ-SET® 1/4"**No. 13010:** Size 0; 1; 2; 3; 4; 5; 6; 8; 10

1 bit ratchet screwdriver 1/4" **No. 4008**: L. 250 mm

1 bit holder 1/4" **No. 12503**: L. 65 mm

3 slotted screwdrivers **No. 4622**: 1.0 x 5.5 x 100; 1.2 x 8.0 x 150; 1.6 x 10.0 x 175 mm

3 PH cross-head screwdrivers **No. 4632**: PH1; PH2; PH3

1 combination pliers **No. 6700**: L. 180 mm

2 telephone pliers **No. 6730**: L. 160; 200 mm

1 water pump pliers **No. 6551**: L. 240 mm

1 wire twisting pliers **No. 6575**: L. 230 mm

1 side cutters **No. 6720**: L. 180 mm

1 pin punch and centre punch **No. 105-8/6**: No. 105: Ø 10 mm; No. 108: Ø 2.5; 3; 4; 5; 6 mm

1 plastic hammer **No. 10955**: Ø 27 mm

1 engineer's hammer **No. 10961**: 300 g

1 round file **No. 12025**: L. 210 mm

1 half-round file **No. 12030**: L. 260 mm

1 triangular file **No. 12035**: L. 210 mm

1 flat file **No. 12036**: L. 250 mm

1 telescopic mirror **No. 12921N**: L. 275-715 mm

1 steel ruler **No. 13110**: L. 300 mm

1 hacksaw **No. 12053**: L. 252 mm

1 scriber **No. 12321**: L. 250 mm

1 caliper **No. 12900**: Measuring range: 150 mm/6"

1 torch **No. 13124**: 165 lm (wide); 122 lm (narrow)

Product no.	Content pcs.	kg
97846012	131	7.79

13211a

Tool assortment
Contains 56-pieces:
3 double open-ended spanners **No. 10a**: 1/4 x 5/16; 3/8 x 7/16; 1/2 x 9/16"
2 combination spanners **No. 13a**: 7/32; 11/32"
3 double-ended ring spanners **No. 230a**: 1/4 x 5/16; 3/8 x 7/16; 1/2 x 9/16"
1 adjustable spanner **No. 4025**: max. 30 mm
1 bit holder 1/4" **No. 442**: L. 32 mm
1 bit holder 5/16" **No. 443**: L. 32 mm
1 QuickRelease speeder brace 3/8" **No. 453QR**: L. 408 mm
1 cross-cut chisel **No. 103**: W. 17; L. 150 mm
1 drift punch set **No. 104-105/6**: No. 104: Ø 2; 3; 4; 5; 6 mm; No. 105: Ø 12 mm
1 drift punch **No. 104**: Ø 8 mm
1 pin punch set **No. 108/6**: No. 108: Ø 2.5; 3; 4; 5; 6; 8 mm
4 slotted screwdrivers **No. 4622**: 1.0 x 5.5 x 100; 1.2 x 8.0 x 150; 1.6 x 10.0 x 175; 2.5 x 14.0 x 250 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 PH cross-head screwdriver **No. 4734**: PH2
1 combination pliers **No. 6700**: L. 180 mm
1 self-grip wrench **No. 6564**: L. 175 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm
1 triangular special scraper **No. 10670**: L. 260 mm
1 plastic hammer **No. 10955**: Ø 32 mm
1 engineer's hammer **No. 10970**: 3/4; 1 1/2 lb.
1 round file **No. 12025**: L. 210 mm
1 half-round file **No. 12030**: L. 260 mm
1 triangular file **No. 12035**: L. 210 mm
1 flat file **No. 12036**: L. 260 mm
1 hacksaw **No. 12050**: L. 465 mm
1 tape measure **No. 12935**: L. 3 m
1 steel ruler **No. 13110**: L. 300 mm
1 file brush **No. 12378**: L. 260 mm
1 sheet metal shears, right-cutting **No. 12752R**: L. 260 mm
1 warding file set **No. 12800**: 6-pieces
1 caliper **No. 12900**: Measuring range: 150 mm/6"

Product no.	Content pcs.	kg
97846008	56	9.94

13213a

Tool assortment for engine mechanics
Contains 127-pieces:
4 combination spanners **No. 13a**: 19/32; 5/8; 11/16; 3/4"
8 combination spanners **No. 130a**: 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"
5 double-ended ring spanners **No. 24**: 1/4 x 5/16; 5/16 x 3/8; 3/8 x 7/16; 1/2 x 9/16; 5/8 x 3/4"
7 double-ended ring spanners **No. 230a**: 1/4 x 5/16; 5/16 x 3/8; 3/8 x 7/16; 7/16 x 1/2; 9/16 x 5/8; 5/8 x 3/4; 11/16 x 3/4"
2 extensions 1/4" **No. 405**: L. 254; 356 mm
1 QuickRelease speeder brace 1/4" **No. 413QR**: L. 440 mm
1 bit fine-tooth ratchet 1/4" **No. 415SGB N**: L. 117 mm
1 socket set 1/4" **No. 40aD/30/7QR**: No. 40a: 1/8"; No. 40aD: 5/32; 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"; No. 40aDL: 5/32; 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"; No. 402a: 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2"; No. 400QR; 405/2QR (2x); 405/6QR; 407QR; 412; 415SG-QR
1 socket set 3/8" **No. 45a/22/8QR**: No. 45a: 1/4; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16; 5/8; 11/16; 3/4; 13/16; 7/8; 15/16; 1"; No. 47a: 5/16; 3/8; 7/16; 1/2; 9/16; 5/8; 11/16; 3/4"; No. 427/10QR; 427/6QR; 427/3QR; 428QR; 435SG-QR; 442; 443; 453QR
5 pin punches **No. 109**: Ø 0.9; 1.4; 1.8; 2.4; 2.8 mm
4 slotted screwdrivers **No. 4622**: 1.0 x 5.5 x 100; 1.2 x 6.5 x 125; 1.6 x 10.0 x 175; 2.0 x 12.0 x 200 mm
2 PH cross-head screwdrivers **No. 4631**: PH1; PH2
3 PH cross-head screwdrivers **No. 4632**: PH1; PH2; PH3
1 L-Key set hex **No. 10760a/10T**: 1/16; 5/64; 3/32; 1/8; 5/32; 3/16; 7/32; 1/4; 5/16; 3/8"
1 engineer's hammer **No. 10961**: 300 g
1 precision feeler gauges, 22 blades **No. 11097**: 4-25 mm/1,000"
1 magnetic lifter **No. 12600**: 500 g
1 telescopic mirror **No. 12921N**: L. 285-725 mm
2 telephone pliers **No. 6731**: L. 160; 200 mm
1 water pump pliers **No. 6551**: L. 240 mm
1 wire twisting pliers **No. 6575**: L. 230 mm
1 electronic's side cutters **No. 6707**: L. 115 mm
1 caliper **No. 12900**: Measuring range: 150 mm/6"

Product no.	Content pcs.	kg
97846010	127	11.5

TOOLS THAT
... inspire

TOOL ASSORTMENTS IN TROLLEYS.

Top features trolley 13217
for professional use

— robust and durable tool trolley made of polypropylene
— easily removable, lockable drawers with pull-out stops in different heights
— 1 removable shelf with 2 handles
— 2 transparent drawer covers beneath the top cover
— 2 smooth-running double castors at the telescopic handle side
— drawers can be used as separate toolboxes thanks to the transparent covers
— with one top cover and one removable cover at the front
— extendable telescopic handle and 2 side carry handles
— resistant to skydrol, acetone, petrol and hydraulic oils
— with integrated lock with 2 keys
— a padlock is optionally available



13214/1 WT/LR

98814930 Line maintenance set (metric) in tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)
— 1 tool trolley **No. 13217**

Product no.	L mm	W mm	H mm	Content pcs.	kg
98814930	381	581	455	163	27.5



96831100



96831101



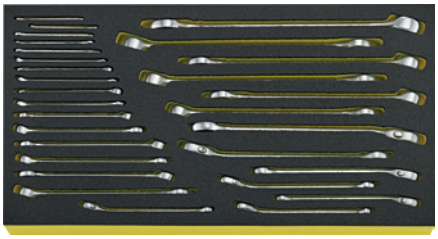
96831102



96831103



96831104



96831105

Contains 163-pieces:

96831100
2 sockets with hex 1/4" **No. 40**: 4; 4.5 mm
11 sockets with bi-hex 1/4" **No. 40D**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
6 sockets with bi-hex 3/8" **No. 45**: 15; 17; 19; 21; 22; 24 mm
4 sockets long, with bi-hex 3/8" **No. 46**: 15; 17; 19; 21 mm
2 QuickRelease extensions 1/4" **No. 408QR**: L. 55; 150 mm
1 QuickRelease universal joint 1/4" **No. 407/1QR**: L. 45 mm

1 square drive adaptor **No. 409M**: 1/4 to 3/8"
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 bit fine-tooth ratchet 1/4" **No. 415SGB N**: L. 117 mm
1 bit holder 1/4" **No. 412**: L. 25 mm
2 QuickRelease extensions 3/8" **No. 426QR**: L. 75; 240 mm
1 QuickRelease universal joint 3/8" **No. 428/1QR**: L. 60 mm
1 square drive adaptor **No. 431**: 3/8 to 1/4"
1 square drive adaptor **No. 432M**: 3/8 to 1/2"
1 QuickRelease fine-tooth ratchet 3/8" **No. 435QR N**: L. 193 mm
1 bit holder 5/16" **No. 443**: L. 32 mm
1 bit ratchet screwdriver 1/4" **No. 4008**: L. 250 mm
1 bit box **No. 1208**: 1 quick-change holder 1/4" | L. 25 mm: SL4,5;6,5;8 mm | PH1;2;3 (2x) | T6;15;20 | T-SET 4;6;8;10 (2x) | INHEX 5/64;9/64;1/8;3/16;5/32;7/64;3/32;7/32" | Adaptor 1/4" 4KT/6KT | 30-pieces
1 drive handle 1/4" **No. 400N**: L. 150 mm

96831101
1 QuickRelease speeder brace 3/8" **No. 453QR**: L. 408 mm
1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1.00 mm
1 cable knife **No. 12320**: Blade length: 90 mm
1 claw lifter **No. 12922**: L. 540 mm
1 tyre-tread caliper **No. 12900/3**: Measuring range: 0-30 mm
1 adjustable spanner **No. 4025**: max. 24 mm
1 combination spanner **No. 13**: 30 mm
1 socket long, with hex **No. 40L**: 4.5 mm
11 sockets long, with bi-hex 1/4" **No. 40DL**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
5 uniflex sockets with bi-hex 1/4" **No. 402**: 6; 7; 8; 9; 10 mm

96831102
1 caliper **No. 12900**: Measuring range: 150 mm/6"
1 telescopic mirror **No. 12921M**: L. 178-921 mm
1 water pump pliers **No. 6572**: L. 240 mm
1 wire twisting pliers **No. 6575**: L. 230 mm
1 self-grip wrench **No. 6564**: L. 175 mm
1 electronics side cutters **No. 6707**: L. 115 mm
1 combination pliers **No. 6700**: L. 160 mm
1 telephone pliers **No. 6731**: L. 200 mm

96831103
4 pin punches **No. 109**: Ø 1.4; 2.8; 3.4; 3.9 mm
1 engineer's hammer **No. 10961**: 500 g
1 soft-faced hammer **No. 10959**: Ø 35 mm
1 steel ruler **No. 13110**: L. 300 mm
1 brass punch **No. 12495**: L. 200 mm
1 scriber **No. 12321**: L. 250 mm
1 pen magnet lifter **No. 12601** : L. 145 mm
1 tape measure **No. 12935**: L. 3 m
1 torch **No. 13128**: 320 lm

96831104
4 plastic scrapers **No. 10678**: Medium blade, **No. 10679**: Narrow blade, **No. 10680**: Slanted blade, **No. 10681**: Sharp blade
2 slotted screwdrivers **No. 4622**: 1.0 x 5.5 x 100; 1.2 x 6.5 x 125 mm
3 PH cross-head screwdrivers **No. 4632**: PH1; PH2; PH3
1 round awl **No. 10758**: L. 280 mm
1 hook tool **No. 1300**1: Angled 45°
1 ball-ended L-Key set hex **No. 10767/9:** 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 split pin puller **No. 13009**: L. 265 mm

96831105
17 combination spanners **No. 13**: 5.5; 6; 7; 8; 9; 10; 12; 13; 14; 15; 17; 19; 20; 21; 22; 24; 27 mm
5 combination spanners **No. 16**: 3.2; 3.5; 4; 4.5; 5 mm
7 combination ratchet spanners **No. 17**: 8; 9; 10; 12; 13; 17; 19 mm





13214a/1 WT/LR

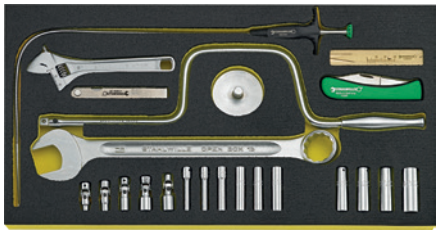
98814935 Line maintenance set (imperial) in tool trolley
No. 13217

— safely integrated in the modular Tool Control System (TCS)
— 1 tool trolley **No. 13217**

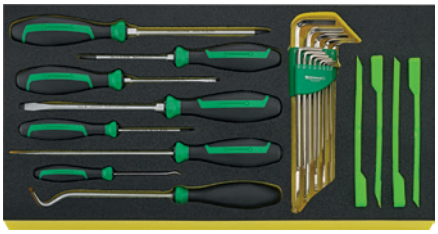
Product no.	L mm	W mm	H mm	Content pcs.	kg
98814935	381	581	455	163	28



96831106



96831107



96831108



96831109



96831102



96831103

Contains 163-pieces:

96831106

10 sockets with bi-hex 1/4" **No. 40aD**: 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"
8 sockets with bi-hex 3/8" **No. 45a**: 1/2; 9/16; 19/32; 5/8; 11/16; 3/4; 15/16; 1"
4 sockets long, with bi-hex 3/8" **No. 46a**: 5/8; 11/16; 3/4; 7/8"
2 QuickRelease extensions 1/4" **No. 408QR**: L. 55; 150 mm
1 QuickRelease universal joint 1/4" **No. 407QR**: L. 38 mm
1 square drive adaptor **No. 409M** 1/4 to 3/8"
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 bit fine-tooth ratchet 1/4" **No. 415SGB N**: L. 117 mm
1 bit holder 1/4" **No. 412**: L. 25 mm
2 QuickRelease extensions 3/8" **No. 426QR**: L. 75; 240 mm
1 QuickRelease universal joint 3/8" **No. 428QR**: L. 60 mm
1 square drive adaptor **No. 431**: 3/8 to 1/4"
1 square drive adaptor **No. 432M**: 3/8 to 1/2"
1 QuickRelease fine-tooth ratchet 3/8" **No. 435QR N**: L. 193 mm
1 bit holder 5/16" **No. 443**: L. 32 mm
1 bit ratchet screwdriver 1/4" **No. 4008**: L. 250 mm
1 bit box **No. 1208**: 1 quick-change holder 1/4" | L. 25 mm: SL4,5;6,5;8 mm | PH1;2;3 (2x) | T6;15;20 | T-SET 4;6;8;10 (2x) | INHEX 5/64;9/64;1/8;3/16;5/32;7/64;3/32;7/32" | Adaptor 1/4" 4KT/6KT | 30-pieces
1 drive handle 1/4" **No. 400N**: L. 150 mm

96831107

1 QuickRelease speeder brace 3/8" **No. 453QR**: L. 408 mm
1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1.00 mm
1 cable knife **No. 12320**: Blade length: 90 mm
1 claw lifter **No. 12922**: L. 540 mm
1 tyre-tread caliper **No. 12900/3**: Measuring range: 0-30 mm
1 adjustable spanner **No. 4025**: max. 24 mm
1 combination spanner **No. 13a**: 1 1/8"
10 sockets long, with bi-hex 1/4" **No. 40aDL**: 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"
5 uniflex sockets with bi-hex 1/4" **No. 402a**: 1/4; 5/16; 3/8; 7/16; 1/2"

96831108

4 plastic scrapers **No. 10678**: Medium blade, **No. 10679**: Narrow blade, **No. 10680**: Slanted blade, **No. 10681**: Sharp blade
2 slotted screwdrivers **No. 4622**: 1.0 x 5.5 x 100; 1.2 x 8.0 x 150 mm
3 PH cross-head screwdrivers **No. 4632**: PH1; PH2; PH3
1 round awl **No. 10758**: L. 280 mm
1 hook tool **No. 13001**: Angled 45°
1 L-Key set hex **No. 10767a/13**: 0.05; 1/16; 5/64; 3/32; 7/64; 1/8; 9/64; 5/32; 3/16; 7/32; 1/4; 5/16; 3/8"
1 split pin puller **No. 13009**: L. 265 mm

96831109

22 combination spanners **No. 13a**: 3/16; 13/64; 7/32; 15/64; 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 1/16"
6 combination ratchet spanners **No. 17a**: 1/4; 5/16; 3/8; 7/16; 1/2; 9/16"

96831102

1 caliper **No. 12900**: Measuring range: 150 mm/6"
1 telescopic mirror **No. 12921M**: L. 178-921 mm
1 water pump pliers **No. 6572**: L. 240 mm
1 wire twisting pliers **No. 6575**: L. 230 mm
1 self-grip wrench **No. 6564**: L. 175 mm
1 electronics side cutters **No. 6707**: L. 115 mm
1 combination pliers **No. 6700**: L. 160 mm
1 telephone pliers **No. 6731**: L. 200 mm

96831103

4 pin punches **No. 109**: Ø 1.4; 2.8; 3.4; 3.9 mm
1 engineer's hammer **No. 10961**: 500 g
1 soft-faced hammer **No. 10959**: Ø 35 mm
1 steel ruler **No. 13110**: L. 300 mm
1 brass punch **No. 12495:** L. 200 mm
1 scriber **No. 12321**: L. 250 mm
1 pen magnet lifter **No. 12601** : L. 145 mm
1 tape measure **No. 12935**: L. 3 m
1 torch **No. 13128**: 320 lm





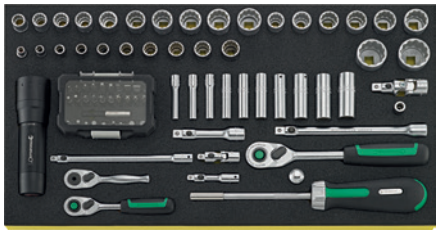
13221 WT/TS

98814915 AOG-set for aircraft in tool trolley No. 13217

— safely integrated in the modular Tool Control System (TCS)

— 1 tool trolley **No. 13217**

Product no.	L mm	W mm	H mm	Content pcs.	kg
98814915	381	581	455	206	29



96830133



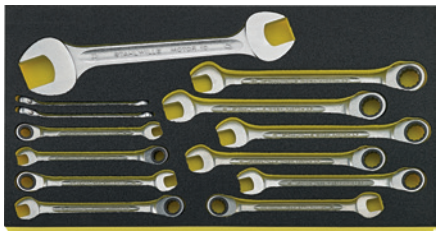
96830134



96830135



96830136



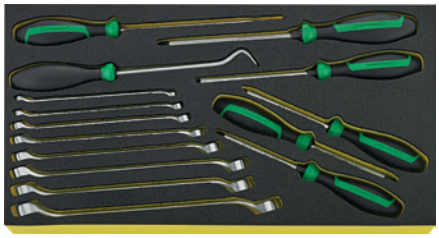
96830137



96830138



96830139



96830140

Contains 206-pieces:

96830133

10 sockets with bi-hex 1/4" **No. 40D**: 5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm

10 sockets long, with bi-hex 1/4" **No. 40aDL**: 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"

10 sockets with bi-hex 3/8" **No. 45**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19 mm

8 sockets with bi-hex 3/8" **No. 45a**: 15/16; 1; 1/2; 9/16; 19/32; 5/8; 11/16; 3/4"

1 bit ratchet screwdriver 1/4" **No. 4008**: L. 250 mm

2 QuickRelease extensions 3/8" **No. 426QR**: L. 75; 160 mm

2 QuickRelease extensions 1/4" **No. 408QR**: L. 55; 150 mm

1 QuickRelease universal joint 1/4" **No. 407QR**: L. 45 mm

1 QuickRelease universal joint 3/8" **No. 428QR**: L. 60 mm

1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm

1 mini fine-tooth bit ratchet 1/4" **No. 418B**: L. 90 mm

1 QuickRelease fine-tooth ratchet 3/8" **No. 435QR N**: L. 193 mm

1 torch **No. 13128**: 320 lm

1 square drive adaptor **No. 431**: 3/8 to 1/4"

1 bit holder 1/4" **No. 412**: L. 25 mm

1 bit box **No. 1208**: 1 quick-change holder 1/4" | L. 25 mm: SL4,5;6,5;8 mm | PH1;2;3 (2x) | T6;15;20 | T-SET 4;6;8;10 (2x) | INHEX 5/64;9/64;1/8;3/16;5/32;7/64;3/32;7/32" | Adaptor 1/4" 4KT/6KT | 30-pieces

96830134

1 water pump pliers **No. 6572**: L. 240 mm

1 telephone pliers **No. 6731**: L. 200 mm

1 connector pliers **No. 6576** L. 230 mm

1 electronics side cutters **No. 6707**: L. 115 mm

1 combination pliers **No. 6700**: L. 160 mm

1 wire twisting pliers **No. 6575**: L. 230 mm

1 telescopic mirror **No. 12921**: Ø 50 mm

1 long nose gripping pliers **No. 6571**: L. 165 mm

1 camloc fastener **No. 4P3**: L. 190 mm

96830135
1 spark plug brush **No. 12375**: L. 150 mm
1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1.00 mm
1 tape measure **No. 12935**: L. 3 m
1 scriber **No. 12321**: L. 250 mm
1 caliper **No. 12900**: Measuring range: 150 mm/6"
4 plastic scrapers **No. 10678**: Medium blade, **No. 10679**: Narrow blade, **No. 10680**: Slanted blade, **No. 10681**: Sharp blade
1 claw lifter **No. 12922**: L. 540 mm
1 steel ruler **No. 13110**: L. 300 mm
1 tweezers, straight **No. 13130**: L. 160 mm
1 brass punch **No. 12495**: L. 200 mm
1 pen magnet lifter **No. 12601**: L. 145 mm
1 tire-tread caliper **No. 12900/3**: Measuring range: 0-30 mm
1 safety knife **No. 12965**: L. 174 mm

96830136
1 drive handle $^{1}/_{4}$" **No. 400N**: L. 150 mm
7 sockets long, with bi-hex $^{1}/_{4}$" **No. 40aDL**: 5; 6; 7; 8; 10; 11; 12; 13 mm
1 square drive adaptor **No. 409**: $^{1}/_{4}$ to $^{3}/_{8}$"
4 pin punches **No. 109**: Ø 1.4; 2.8; 3.4; 3.9 mm
1 engineer's hammer **No. 10961**: 500 g
1 soft-face hammer **No. 10959**: Ø 30 mm
1 warding file set **No. 12800**: 6-pieces

96830137
1 double open-ended spanner **No. 10**: 27 x 32 mm
12 combination ratchet spanners **No. 17**: 8; 9; 10; 11; 12, 13; 14; 15; 16; 17; 18; 19 mm

96830138
1 slotted screwdriver with impact cap **No. 4622SK**: 0.8 x 4 x 90 mm
1 PH cross-head screwdriver with impact cap **No. 4632SK**: PH1
1 slotted carburettor screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 PZ cross-head screwdriver **No. 4744**: PZ1
4 electricians slotted screwdrivers **No. 4751**: 0.3 x 1.5 x 40; 0.4 x 2.0 x 60; 0.4 x 2.5 x 75; 0.5 x 3.0 x 75 mm
2 PH electricians cross-head screwdrivers **No. 4752**: PH0; PH1
1 ball-ended L-Key set hex **No. 10767H/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 ball-ended L-Key set hex **No. 10767a/13**: 0.050; $^{1}/_{16}$; $^{5}/_{64}$; $^{3}/_{32}$; $^{7}/_{64}$; $^{1}/_{8}$; $^{9}/_{64}$; $^{5}/_{32}$; $^{3}/_{16}$; $^{7}/_{32}$; $^{1}/_{4}$; $^{5}/_{16}$; $^{3}/_{8}$"
1 hook tool **No. 13001**: Angled 45°

96830139
9 double open-ended spanners **No. 10**: 4 x 5; 6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 21; 19 x 22
6 combination spanners **No. 13a**: $^{3}/_{8}$; $^{7}/_{16}$; $^{1}/_{2}$; $^{9}/_{16}$; $^{5}/_{8}$; $^{11}/_{16}$"
1 adjustable spanner **No. 4025** max. 24 mm

96830140
8 double-ended ring spanners **No. 23**: 6 x7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22 mm
1 PH cross-head screwdriver with impact cap **No. 4632SK**: PH2
2 TORQ-SET® screwdriver **No. 4636**: 4; 8 mm
1 slotted screwdriver with impact cap **No. 4622SK**: 1.2 x 6.5 x 125 mm
1 split pin puller **No. 13009**: L. 265 mm
1 PH cross-head screwdriver **No. 4632**: PH3
1 round awl **No. 10758**: L. 280 mm

TOOLS THAT
... inspire



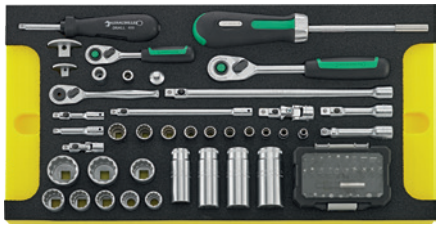
13224a WT/TS

98814910 AOG-set for aircraft (imperial) in tool trolley No. 13217

— safely integrated in the modular Tool Control System (TCS)

— 1 tool trolley **No. 13217**

Product no.	L mm	W mm	H mm	Content pcs.	kg
98814910	381	581	455	179	28.4



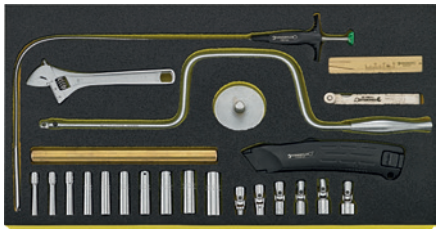
96830110



96830111



96830112



96830113



96830114



96830115



96830116

Contains 179-pieces:

96830110

1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
10 sockets with bi-hex 1/4" **No. 40aD**: 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"
2 QuickRelease extensions 1/4" **No. 408QR**: L. 55; 150 mm
1 Wobble-Drive extension 1/4" **No. 405W**: L. 54 mm
1 QuickRelease universal joint 1/4" **No. 407QR**: L. 45 mm
1 square drive adaptor **No. 409**: 1/4 to 3/8"
1 bit holder 1/4" **No. 412**: L. 25 mm
1 QuickRelease fine-tooth ratchet 3/8" **No. 435QR N**: L. 193 mm
4 sockets long, with bi-hex 3/8" **No. 46a**: 5/8; 11/16; 3/4; 7/8"
8 sockets with bi-hex 3/8" **No. 45a**: 1/2; 9/16; 19/32; 5/8; 11/16; 3/4; 15/16; 1"
2 QuickRelease extensions 3/8" **No. 426QR**: L. 75; 240 mm
1 Wobble-Drive extension 3/8" **No. 427W**: L. 76 mm
1 QuickRelease universal joint 3/8" **No. 428QR**: L. 60 mm
1 square drive adaptor **No. 432M**: 3/8 to 1/2"
1 square drive adaptor **No. 431**: 3/8 to 1/4"
1 bit fine-tooth ratchet 1/4" **No. 415SGB N**: L. 117 mm
1 bit ratchet screwdriver 1/4" **No. 4008**: L. 250 mm
1 bit holder 3/8" **No. 443**: L. 32 mm
1 bit box **No. 1208**: 1 quick-change holder 1/4" | L. 25 mm: SL4,5;6,5;8 mm | PH1;2;3 (2x) | T6;15;20 | T-SET 4;6;8;10 (2x) | INHEX 5/64;9/64;1/8;3/16;5/32;7/64;3/32;7/32" | Adaptor 1/4" 4KT/6KT | 30-pieces
1 drive handle 1/4" **No. 400N**: L. 150 mm

96830111

4 pin punches **No. 109**: Ø 1.4; 2.8; 3.4; 3.9 mm
1 engineer's hammer **No. 10961**: 500 g
1 soft-faced hammer **No. 10959N**: Ø 30 mm
1 steel ruler **No. 13110**: L. 300 mm
1 combination spanner **No. 13a**: 1 1/8"
1 scriber **No. 12321**: L. 250 mm

1 pen magnet lifter **No. 12601** : 500 g
1 tape measure **No. 12935**: L. 3 m
1 caliper **No. 12900**: Measuring range: 150 mm/6"

96830112
1 telescopic mirror **No. 12921M**: L. 178-921 mm
1 water pump pliers **No. 6572**: L. 240 mm
1 wire twisting pliers **No. 6575**: L. 230 mm
1 self-grip wrench **No. 6564**: L. 175 mm
1 electronics side cutters **No. 6707**: L. 115 mm
1 combination pliers **No. 6700**: L. 160 mm
1 telephone pliers **No. 6731**: L. 200 mm
1 connector pliers **No. 6576**: L. 230 mm

96830113
1 QuickRelease speeder brace $^{3}/_{8}$" **No. 453QR**: L. 408 mm
6 uniflex sockets with bi-hex $^{1}/_{4}$" **No. 402a**: $^{1}/_{4}$; $^{5}/_{16}$; $^{3}/_{8}$; $^{7}/_{16}$; $^{1}/_{2}$; $^{9}/_{16}$"
10 sockets long, with bi-hex $^{1}/_{4}$" **No. 40aDL**: $^{3}/_{16}$; $^{7}/_{32}$; $^{1}/_{4}$; $^{9}/_{32}$; $^{5}/_{16}$; $^{11}/_{32}$; $^{3}/_{8}$; $^{7}/_{16}$; $^{1}/_{2}$; $^{9}/_{16}$"
1 adjustable spanner **No. 4025**: max. 24 mm
1 tyre-tread caliper **No. 12900/3**: Measuring range: 0-30 mm
1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1.00 mm
1 claw lifter **No. 12922**: L. 540 mm
1 brass punch **No. 12495**: L. 200 mm
1 safety knife **No. 12965**: L. 174 mm

96830114
3 double open-ended spanners **No. 12a**: $^{5}/_{32}$, $^{7}/_{32}$; $^{1}/_{4}$"
17 combination spanners **No. 13a**: $^{3}/_{16}$; $^{13}/_{64}$: $^{7}/_{32}$; $^{15}/_{64}$: $^{1}/_{4}$; $^{9}/_{32}$; $^{5}/_{16}$; $^{11}/_{32}$; $^{3}/_{8}$; $^{7}/_{16}$; $^{1}/_{2}$; $^{9}/_{16}$; $^{19}/_{32}$; $^{5}/_{8}$; $^{11}/_{16}$; $^{3}/_{4}$; $^{25}/_{32}$"
1 hacksaw **No. 12053**: L. 252 mm

96830115
2 slotted screwdrivers with impact cap **No. 4622SK**: 0.8 x 4.0 x 90; 1.2 x 6.5 x 125 mm
3 PH cross-head screwdrivers with impact cap **No. 4632SK**: PH1; PH2; PH3
1 slotted screwdrivers **No. 4724**: 1 x 5.5 x 25 mm
1 PH cross-head screwdriver **No. 4734**: PH2 L. 25 mm
1 L-Key set hex **No. 10767a/13**: 0.050; $^{1}/_{16}$; $^{5}/_{64}$; $^{3}/_{32}$; $^{7}/_{64}$; $^{1}/_{8}$; $^{9}/_{64}$; $^{5}/_{32}$; $^{3}/_{16}$; $^{7}/_{32}$; $^{1}/_{4}$; $^{5}/_{16}$; $^{3}/_{8}$"
4 plastic scrapers **No. 10678**: Medium blade, **No. 10679**: Narrow blade, **No. 10680**: Slanted blade, **No. 10681**: Sharp blade
1 split pin puller **No. 13009**: L. 265 mm
1 hook tool **No. 13001**: Angled 45°
1 round awl **No. 10758-2K**: L. 175 mm
1 torch **No. 13128**: 320 lm

96830116
5 combination spanners **No. 13a**: $^{13}/_{16}$; $^{7}/_{8}$; $^{15}/_{16}$; 1; 1 $^{1}/_{16}$"
1 warding file set **No. 12800**: 6-pieces
6 combination ratchet spanners **No. 17a**: $^{1}/_{4}$; $^{5}/_{16}$; $^{3}/_{8}$; $^{7}/_{16}$; $^{1}/_{2}$; $^{9}/_{16}$"



TOOL ASSORTMENTS FOR TROLLEYS.

805/4 WT TCS

97842803 Tool assortment for trolleys No. 13217

— safely integrated in the modular Tool Control System (TCS)

Product no.	Content pcs.	kg
97842803	89	9.1



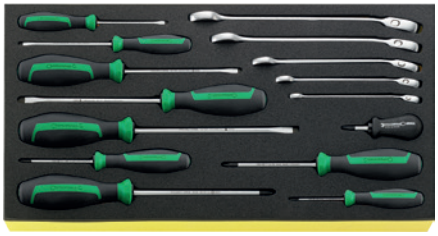
96834315



96834316



96834317



96834318

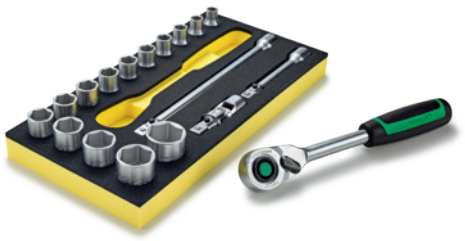
Contains 89-pieces:

96834315 (tray)
10 sockets with hex 1/4" **No. 40:** 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13 mm
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
2 extensions 1/4" **No. 405**: L. 54; 150 mm
1 universal joint 1/4" **No. 407**: L. 37 mm
1 drive handle 1/4" **No. 400N**: L. 150 mm
1 bit holder 1/4" **No. 412**: L. 25 mm
3 extensions 1/2" **No. 509**: L. 52; 75; 255 mm
1 universal joint 1/2" **No. 510**: L. 71 mm
1 ratchet 1/2" **No. 512-2K**: L. 265.5 mm
1 ratchet 1/4" **No. 415-2K**: L. 117 mm

96834316 (30 mm)
15 combination spanners **No. 13**: 6; 7; 8; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 22; 24 mm

96834317 (30 mm)
1 combination pliers **No. 6700**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm
1 L-Key set hex **No. 10767/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 L-Key set TORX® **No. 10771/8**:: T9; T10; T15; T20; T25; T27; T30; T40

96834318 (60 mm)
5 combination ratchet spanners **No. 17**: 8; 10; 13; 17; 19 mm
5 slotted screwdrivers **No. 4620**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150; 1.6 x 8.0 x 175 mm
1 electrician's slotted screwdriver **No. 4628**: 0.4 x 2.5 x 60 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 PH cross-head screwdriver **No. 4734**: PH2



Tool Control System
The intelligent modular inlay system protects and organises the tools in tool boxes, tool trolleys and workbenches. Two-colour foam inlays make checking the completeness of the tools quick and easy.

806/6 WT TCS

97830207 Tool assortment for trolleys No. 13217

— safely integrated in the modular Tool Control System (TCS)

Product no.	Content pcs.	kg
97830207	104	14.2



96830094



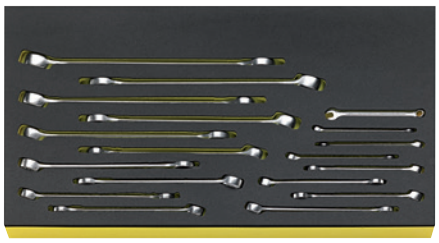
96830095



96830096



96830097



96830098



96830099

Contains 104-pieces:

96830094 (tray)

10 sockets with hex 1/4" **No. 40**: 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
17 sockets with hex 1/2" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
2 extensions 1/4" **No. 405**: L. 54; 150 mm
1 universal joint 1/4" **No. 407**: L. 37 mm
1 drive handle 1/4" **No. 400N**: L. 150 mm
1 T-handle 1/4" **No. 404**: L. 116 mm
1 bit holder 1/4" **No. 412**: L. 25 mm
3 extensions 1/2" **No. 509**: L. 75; 130; 255 mm
1 universal joint 1/2" **No. 510**: L. 71 mm
1 T-handle 1/2" **No. 506**: L. 300 mm
1 ratchet 1/2" **No. 512-2K**: L. 265.5 mm
1 ratchet 1/4" **No. 415-2K**: L. 117 mm

96830095 (30 mm)

10 double open-ended spanners **No. 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

96830096 (30 mm)

5 combination ratchet spanners **No. 17**: 8; 10; 13; 17; 19 mm
1 L-Key hex **No. 10760**: 12 mm
1 flat chisel **No. 102**: W. 20; L. 175 mm
2 pin punches **No. 108**: Ø 6; L. 150; 175 mm
1 pin punch **No. 109**: Ø 3.4 mm
1 engineer's hammer **No. 10961**: 500 g
1 L-Key set hex **No. 10760/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

96830097 (30 mm)

1 combination pliers **No. 6700**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
2 circlip pliers **No. 6543, 6545**: J2; A2
1 water pump pliers **No. 6551**: L. 240 mm
1 self-grip wrench **No. 6564**: L. 175 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm

96830098 (60 mm)

18 combination spanners **No. 13**: 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24 mm

96830099 (60 mm)

5 slotted screwdrivers **No. 4620**: 0.6 x 3.5 x 75; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150; 1.6 x 8.0 x 175 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 nylon hammer **No. 10956N**: Ø 35 mm

TCS 13214/1 WT/LM 1



Socket set

— for the removable tray of tool trolley No. 13217
— cannot be combined with transparent cover 13217 TA
— safely integrated in the modular Tool Control System (TCS)

Contains 69-pieces:

2 sockets with hex 1/4" **No. 40**: 4; 4.5 mm
11 sockets with bi-hex 1/4" **No. 40D**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
6 sockets with bi-hex 3/8" **No. 45**: 15; 17; 19; 21; 22; 24 mm
4 sockets long, with bi-hex 3/8" **No. 46**: 15; 17; 19; 21 mm
2 QuickRelease extensions 1/4" **No. 408QR**: L. 55; 150 mm
1 QuickRelease universal joint 1/4" **No. 407/1QR**: L. 45 mm
1 square drive adaptor **No. 409M**: 1/4 to 3/8"
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 bit fine-tooth ratchet 1/4" **No. 415SGB N**: L. 117 mm
1 bit holder 1/4" **No. 412**: L. 25 mm
2 QuickRelease extensions 3/8" **No. 426QR**: L. 75; 240 mm
1 QuickRelease universal joint 3/8" **No. 428/1QR**: L. 60 mm
1 square drive adaptor **No. 431**: 3/8 to 1/4"
1 square drive adaptor **No. 432M**: 3/8 to 1/2"
1 QuickRelease fine-tooth ratchet 3/8" **No. 435QR N**: L. 193 mm
1 bit holder 5/16" **No. 443**: L. 32 mm
1 bit ratchet screwdriver 1/4" **No. 4008**: L. 250 mm
1 bit box **No. 1208**: 1 quick-change holder 1/4" | L. 25 mm: SL4,5;6,5;8 mm | PH1;2;3 (2x) | T6;15;20 | T-SET 4;6;8;10 (2x) | INHEX 5/64;9/64;1/8;3/16;5/32;7/64;3/32;7/32" | Adaptor 1/4" 4KT/6KT | 30-pieces
1 drive handle 1/4" **No. 400N**: L. 150 mm

Product no.	L mm	W mm	H mm	Content pcs.	kg
96831100	245	465	50	69	2.54

TCS 13214a/1 WT/LM 1



Socket set

— for the removable tray of tool trolley No. 13217
— cannot be combined with transparent cover 13217 TA
— safely integrated in the modular Tool Control System (TCS)

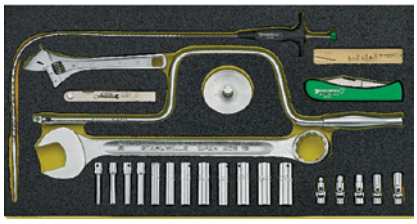
Contains 68-pieces:

10 sockets with bi-hex 1/4" **No. 40aD**: 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"
8 sockets with bi-hex 3/8" **No. 45a**: 1/2; 9/16; 19/32; 5/8; 11/16; 3/4; 15/16; 1"
4 sockets long, with bi-hex 3/8" **No. 46a**: 5/8; 11/16; 3/4; 7/8"
2 QuickRelease extensions 1/4" **No. 408QR**: L. 55; 150 mm
1 QuickRelease universal joint 1/4" **No. 407QR**: L. 38 mm
1 square drive adaptor **No. 409M**: 1/4 to 3/8"
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 bit fine-tooth ratchet 1/4" **No. 415SGB N**: L. 117 mm
1 bit holder 1/4" **No. 412**: L. 25 mm
2 QuickRelease extensions 3/8" **No. 426QR**: L. 75; 240 mm
1 QuickRelease universal joint 3/8" **No. 428QR**: L. 60 mm
1 square drive adaptor **No. 431**: 3/8 to 1/4"
1 square drive adaptor **No. 432M**: 3/8 to 1/2"
1 QuickRelease fine-tooth ratchet 3/8" **No. 435QR N**: L. 193 mm
1 bit holder 5/16" **No. 443**: L. 32 mm
1 bit ratchet screwdriver 1/4" **No. 4008**: L. 250 mm
1 bit box **No. 1208**: 1 quick-change holder 1/4" | L. 25 mm: SL4,5;6,5;8 mm | PH1;2;3 (2x) | T6;15;20 | T-SET 4;6;8;10 (2x) | INHEX 5/64;9/64;1/8;3/16;5/32;7/64;3/32;7/32" | Adaptor 1/4" 4KT/6KT | 30-pieces
1 drive handle 1/4" **No. 400N**: L. 150 mm

Product no.	L mm	W mm	H mm	Content pcs.	kg
96831106	245	460	45	68	2.61

TOOLS THAT
... inspire

TCS 13214/1 WT/LM 2

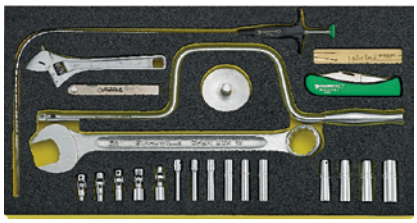


Tool assortment
— suitable for the 30 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)

Contains 24-pieces:
1 QuickRelease speeder brace $^{3}/_{8}$" **No. 453QR**: L. 408 mm
1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1.00 mm
1 cable knife **No. 12320**: Blade length: 90 mm
1 claw lifter **No. 12922**: L. 540 mm
1 tire-tread caliper **No. 12900/3**: Measuring range: 0-30 mm
1 adjustable spanner **No. 4025**: max. 24 mm
1 combination spanner **No. 13**: 30 mm
1 socket long, with hex $^{1}/_{4}$" **No. 40L**: 4.5 mm
11 sockets long, with bi-hex $^{1}/_{4}$" **No. 40DL**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
5 uniflex sockets with bi-hex $^{1}/_{4}$" **No. 402**: 6; 7; 8; 9; 10 mm

Product no.	L mm	W mm	H mm	Content pcs.	kg
96831101	250	465	30	24	2.02

TCS 13214a/1 WT/LM 2



Tool assortment
— suitable for the 30 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)

Contains 22-pieces:
1 QuickRelease speeder brace $^{3}/_{8}$" **No. 453QR**: L. 408 mm
1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1.00 mm
1 cable knife **No. 12320**: Blade length: 90 mm
1 claw lifter **No. 12922**: L. 540 mm
1 tyre-tread caliper **No. 12900/3**: Measuring range: 0-30 mm
1 adjustable spanner **No. 4025**: max. 24 mm
1 combination spanner **No. 13a**: 1 $^{1}/_{8}$"
10 sockets long, with bi-hex $^{1}/_{4}$" **No. 40aDL**: $^{3}/_{16}$; $^{7}/_{32}$; $^{1}/_{4}$; $^{9}/_{32}$; $^{5}/_{16}$; $^{11}/_{32}$; $^{3}/_{8}$; $^{7}/_{16}$; $^{1}/_{2}$; $^{9}/_{16}$"
5 uniflex sockets with bi-hex $^{1}/_{4}$" **No. 402a**: $^{1}/_{4}$; $^{5}/_{16}$; $^{3}/_{8}$; $^{7}/_{16}$; $^{1}/_{2}$"

Product no.	L mm	W mm	H mm	Content pcs.	kg
96831107	255	460	30	22	1.99

TCS 13214/1 WT/LM 3



Tool assortment
— suitable for the 30 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)

Contains 8-pieces:
1 caliper **No. 12900**: Measuring range: 150 mm/6"
1 telescopic mirror **No. 12921M**: L. 178-921 mm
1 water pump pliers **No. 6572**: L. 240 mm
1 wire twisting pliers **No. 6575**: L. 230 mm
1 self-grip wrench **No. 6564**: L. 175 mm
1 electronic's side cutters **No. 6707**: L. 115 mm
1 combination pliers **No. 6700**: L. 160 mm
1 telephone pliers **No. 6731**: L. 200 mm

Product no.	L mm	W mm	H mm	Content pcs.	kg
96831102	250	460	30	8	1.83

TCS 13214/1 WT/LM 4



Tool assortment
— suitable for the 60 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)

Contains 12-pieces
4 pin punches **No. 109**: Ø 1.4; 2.8; 3.4; 3.9 mm
1 engineer's hammer **No. 10961**: 500 g
1 soft-faced hammer **No. 10959**: Ø 35 mm
1 steel ruler **No. 13110**: L. 300 mm
1 brass punch **No. 12495**: L. 200 mm
1 scriber **No. 12321**: L. 250 mm
1 pen magnet lifter **No. 12601**: L. 145 mm
1 tape measure **No. 12935**: L. 3 m
1 torch **No. 13128**: 320 lm

Product no.	L mm	W mm	H mm	Content pcs.	kg
96831103	245	460	60	12	2.25

TCS 13214/1 WT/LM 5



Tool assortment
— suitable for the 60 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)
Contains 13-pieces:
4 plastic scrapers **No. 10678**: Medium blade, **No. 10679**: Narrow blade, **No. 10680**: Slanted blade, **No. 10681**: Sharp blade
2 slotted screwdrivers **No. 4622**: 1.0 x 5.5 x 100; 1.2 x 6.5 x 125 mm
3 PH cross-head screwdrivers **No. 4632**: PH1; PH2; PH3
1 round awl **No. 10758**: L. 280 mm
1 hook tool **No. 13001**: Angled 45°
1 ball-ended L-Key set hex **No. 10767/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 split pin puller **No. 13009**: L. 265 mm

Product no.	L mm	W mm	H mm	Content pcs.	kg
96831104	250	455	60	13	1.6

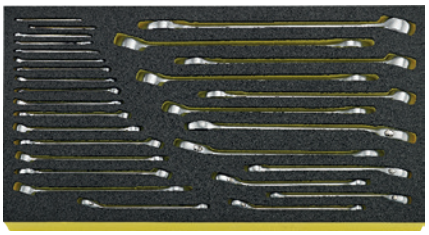
TCS 13214a/1 WT/LM 5



Tool assortment
— suitable for the 60 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)
Contains 25-pieces:
4 plastic scrapers **No. 10678**: Medium blade, **No. 10679**: Narrow blade, **No. 10680**: Slanted blade, **No. 10681**: Sharp blade
2 slotted screwdrivers **No. 4622**: 1.0 x 5.5 x 100; 1.2 x 8.0 x 150 mm
3 PH cross-head screwdrivers **No. 4632**: PH1; PH2; PH3
1 round awl **No. 10758**: L. 280 mm
1 hook tool **No. 13001**: Angled 45°
1 L-Key set hex **No. 10767a/13**: 0.05; $^{1}/_{16}$; $^{5}/_{64}$; $^{3}/_{32}$; $^{7}/_{64}$; $^{1}/_{8}$; $^{9}/_{64}$; $^{5}/_{32}$; $^{3}/_{16}$; $^{7}/_{32}$; $^{1}/_{4}$; $^{5}/_{16}$; $^{3}/_{8}$"
1 split pin puller **No. 13009**: L. 265 mm

Product no.	L mm	W mm	H mm	Content pcs.	kg
96831108	245	458	60	25	1.64

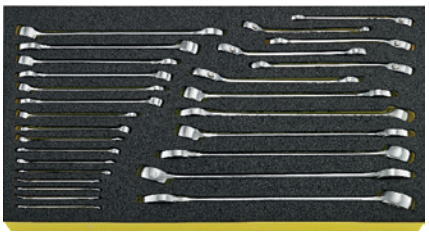
TCS 13214/1 WT/LM 6



Spanner set
— suitable for the 60 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)
Contains 29-pieces:
17 combination spanners **No. 13**: 5.5; 6; 7; 8; 9; 10; 12; 13; 14; 15; 17; 19; 20; 21; 22; 24; 27 mm
5 combination spanners **No. 16**: 3.2; 3.5; 4; 4.5; 5 mm
7 combination ratchet spanners **No. 17**: 8; 9; 10; 12; 13; 17; 19 mm

Product no.	L mm	W mm	H mm	Content pcs.	kg
96831105	245	460	60	29	2.81

TCS 13214a/1 WT/LM 6



Spanner set
— suitable for the 60 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)
Contains 28-pieces:
22 combination spanners **No. 13a**: $^{3}/_{16}$; $^{13}/_{64}$; $^{7}/_{32}$; $^{15}/_{64}$; $^{1}/_{4}$; $^{9}/_{32}$; $^{5}/_{16}$; $^{11}/_{32}$; $^{3}/_{8}$; $^{7}/_{16}$; $^{1}/_{2}$; $^{9}/_{16}$; $^{19}/_{32}$; $^{5}/_{8}$; $^{11}/_{16}$; $^{3}/_{4}$; $^{25}/_{32}$; $^{13}/_{16}$; $^{7}/_{8}$; $^{15}/_{16}$; 1 $^{1}/_{16}$"
6 combination ratchet spanners **No. 17a**: $^{1}/_{4}$; $^{5}/_{16}$; $^{3}/_{8}$; $^{7}/_{16}$; $^{1}/_{2}$; $^{9}/_{16}$"

Product no.	L mm	W mm	H mm	Content pcs.	kg
96831109	245	458	60	28	2.88

TCS 13217 WT MOTOR 10/10 6-32



Double open-ended spanner set
— suitable for the 30 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)
Contains 10-pieces:
10 double open-ended spanners **No. 10**: 6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 21; 20 x 22; 24 x 27; 30 x 32 mm

Product no.	L mm	W mm	H mm	Content pcs.	g
96830120	250	460	30	10	1545

TCS 13217 WT OPEN BOX 13/18 6-24



Combination spanner set
— suitable for the 60 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)
Contains 18-pieces:
18 combination spanners **No. 13**: 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24 mm

Product no.	L mm	W mm	H mm	Content pcs.	g
96830121	250	460	60	18	1940

TCS 13217 WT MOTOR 10a/9



Double open-ended spanner set
— suitable for the 30 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)
Contains 9-pieces:
9 double open-ended spanners **No. 10a**: $^{1}/_{4}$ x $^{5}/_{16}$; $^{3}/_{8}$ x $^{7}/_{16}$; $^{1}/_{2}$ x $^{9}/_{16}$; $^{19}/_{32}$ x $^{11}/_{16}$; $^{5}/_{8}$ x $^{3}/_{4}$; $^{3}/_{4}$ x $^{7}/_{8}$; $^{25}/_{32}$ x $^{13}/_{16}$; $^{15}/_{16}$ x 1; 1 $^{1}/_{8}$ x 1 $^{5}/_{16}$"

Product no.	L mm	W mm	H mm	Content pcs.	g
96830124	250	460	30	9	1600

TCS 13217 WT OPEN BOX 13a/22



Combination spanner set
— suitable for the 60 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)
Contains 22-pieces:
22 combination spanners **No. 13a**: $^{3}/_{16}$; $^{13}/_{64}$; $^{7}/_{32}$; $^{15}/_{64}$; $^{1}/_{4}$; $^{9}/_{32}$; $^{5}/_{16}$; $^{11}/_{32}$; $^{3}/_{8}$; $^{7}/_{16}$; $^{1}/_{2}$; $^{9}/_{16}$; $^{19}/_{32}$; $^{5}/_{8}$; $^{11}/_{16}$; $^{3}/_{4}$; $^{25}/_{32}$; $^{13}/_{16}$; $^{7}/_{8}$; $^{15}/_{16}$; 1; 1 $^{1}/_{16}$"

Product no.	L mm	W mm	H mm	Content pcs.	g
96830125	250	460	60	22	2440

TCS 13217 WT OPEN RATCH 17/12



Combination ratchet spanner set
— suitable for the 30 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)
Contains 12-pieces:
12 combination ratchet spanners **No. 17**: 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19 mm

Product no.	L mm	W mm	H mm	Content pcs.	g
96830128	250	460	30	12	1485

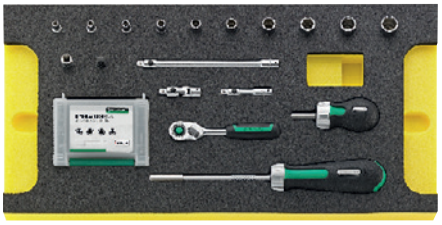
TCS 13217 WT FastRatch 240/10



Ratchet spanner set
— suitable for the 30 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)
Contains 10-pieces:
10 ratchet spanners **No. 240**: 8; 10; 11; 12; 13; 14; 16; 17; 18; 19 mm

Product no.	L mm	W mm	H mm	Content pcs.	g
96830130	250	460	30	10	2005

TCS WT 40/4008/10/9

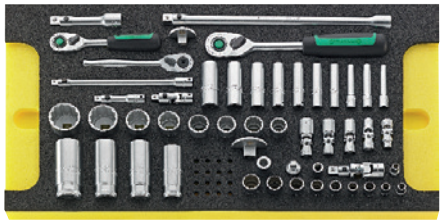


Socket set
— for the removable tray of tool trolley No. 13217
— cannot be combined with transparent cover 13217 TA
— safely integrated in the modular Tool Control System (TCS)
Contains 39-pieces:
10 sockets with hex 1/4" **No. 40**: 4; 4.5; 5; 6; 7; 8; 10; 11; 12; 13 mm
2 QuickRelease extensions 1/4" **No. 405QR**: L. 54; 150 mm
1 QuickRelease universal joint 1/4" **No. 407QR**: L. 38 mm
1 bit holder 1/4" **No. 412**: L 25 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 bit box **No. 1204/21-1**: 4 x PH; 4 x PZ; 9 x TORX®; 3 x hex
1 bit adaptor, manual 1/4" **No. 3116**: L. 50 mm
2 bit ratchet screwdriver 1/4" **No. 4008**: L. 95; 250 mm

Product no.	L mm	W mm	H mm	Content pcs.	kg
96830132	250	460	55	39	0.99



TCS WT 40/45/46/37/14

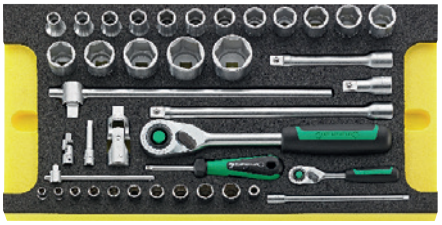


Socket set
— for the removable tray of tool trolley No. 13217
— cannot be combined with transparent cover 13217 TA
— safely integrated in the modular Tool Control System (TCS)

Contains 51-pieces:
10 sockets with bi-hex $^1/_4$" **No. 40aD**: $^3/_{16}$; $^7/_{32}$; $^1/_4$; $^9/_{32}$; $^5/_{16}$; $^{11}/_{32}$; $^3/_8$; $^7/_{16}$; $^1/_2$; $^9/_{16}$"
10 sockets long, with bi-hex $^1/_4$" **No. 40aDL**: $^3/_{16}$; $^7/_{32}$; $^1/_4$; $^9/_{32}$; $^5/_{16}$; $^{11}/_{32}$; $^3/_8$; $^7/_{16}$; $^1/_2$; $^9/_{16}$"
5 uniflex sockets with bi-hex $^1/_4$" **No. 402a**: $^1/_4$; $^5/_{16}$; $^3/_8$; $^7/_{16}$; $^1/_2$"
2 QuickRelease extensions $^1/_4$" **No. 405QR**: L. 54; 150 mm
1 QuickRelease universal joint $^1/_4$" **No. 407QR**: L. 38 mm
1 square drive adaptor **No. 409M**: $^1/_4$ to $^3/_8$"
1 bit holder $^1/_4$" **No. 412**: L 25 mm
1 QuickRelease fine-tooth ratchet $^1/_4$" **No. 415QR N**: L. 117 mm
1 bit fine-tooth ratchet $^1/_4$" **No. 415SGB N**: L. 117 mm
8 sockets with bi-hex $^3/_8$" **No. 45a**: $^1/_2$; $^9/_{16}$; $^{19}/_{32}$; $^5/_8$; $^{11}/_{16}$; $^3/_4$; $^{15}/_{16}$; 1"
4 sockets long, with bi-hex $^3/_8$" **No. 46a**: $^5/_8$; $^{11}/_{16}$; $^3/_4$; $^7/_8$"
2 QuickRelease extensions $^3/_8$" **No. 427QR**: L. 76; 240 mm
1 QuickRelease universal joint $^3/_8$" **No. 428QR**: L. 46 mm
1 square drive adaptor **No. 431**: $^3/_8$ to $^1/_4$"
1 square drive adaptor **No. 432M**: $^3/_8$ to $^1/_2$"
1 QuickRelease fine-tooth ratchet $^3/_8$" **No. 435QR N**: L. 193 mm
1 bit holder $^3/_8$" **No. 443**: L. 32 mm

Product no.	L mm	W mm	H mm	Content pcs.	kg
96830123	250	460	60	51	2.5

TCS WT 40/52/27/13



Socket set
— for the removable tray of tool trolley No. 13217
— cannot be combined with transparent cover 13217 TA
— safely integrated in the modular Tool Control System (TCS)

Contains 40-pieces:
10 sockets with hex $^1/_4$" **No. 40:** 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
1 drive handle $^1/_4$" **No. 400N**: L. 150 mm
1 T-handle $^1/_4$" **No. 404**: L. 116 mm
2 extensions $^1/_4$" **No. 405**: L. 54; 150 mm
1 universal joint $^1/_4$" **No. 407**: L. 38 mm
1 bit holder $^1/_4$" **No. 412**: L 25 mm
1 QuickRelease fine-tooth ratchet $^1/_4$" **No. 415QR N**: L. 117 mm
17 sockets with hex $^1/_2$" **No. 52**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20; 21; 22; 24; 27; 30; 32 mm
1 T-handle $^1/_2$" **No. 506**: L. 300 mm
3 extensions $^1/_2$" **No. 509**: L. 52; 130; 255 mm
1 universal joint $^1/_2$" **No. 510**: L. 71 mm
1 QuickRelease fine-tooth ratchet $^1/_2$" **No. 512QR N80**: L. 265.5 mm

Product no.	L mm	W mm	H mm	Content pcs.	kg
96830117	350	530	60	40	4

MADE IN CRONENBERG
MADE IN GERMANY

For more than 160 years, the STAHLWILLE brand has been synonymous with premium tools. From its foundation by Eduard Wille to the present day, our goal has always been the same: to manufacture tools that set the standard and that are 'Made in Germany'.

TCS WT 4622SK-4650/10767H/20



Screwdriver set
— suitable for the 60 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)
Contains 20-pieces:
3 slotted screwdrivers with impact cap **No. 4622SK**: 0.8 x 4.0 x 90; 1.0 x 5.5 x 100; 1.2 x 6.5 x 125 mm
3 PH cross-head screwdrivers with impact cap **No. 4632SK**: PH1; PH2; PH3
5 TORX® screwdrivers **No. 4650**: T10; T15; T20; T25; T30
1 L-Key set hex **No. 10767H/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

Product no.	L mm	W mm	H mm	Content pcs.	kg
96830122	220	460	60	20	1.5

TCS WT 4650-4665 VDE/10767a/24



Screwdriver set
— suitable for the 60 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)
Contains 24-pieces:
5 TORX® screwdrivers **No. 4650**: T10; T15; T20; T25; T30
3 VDE electrician's slotted screwdrivers **No. 4660 VDE**: 0.4 x 2.5 x 75; 0.6 x 3.5 x 100; 1.0 x 5.5 x 125 mm
3 VDE PH cross-head screwdrivers **No. 4665 VDE**: PH1; PH2; PH3
1 L-Key set hex **No. 10767a/13**: 0.050; $^{1}/_{16}$; $^{5}/_{64}$; $^{3}/_{32}$; $^{7}/_{64}$; $^{1}/_{8}$; $^{9}/_{64}$; $^{5}/_{32}$; $^{3}/_{16}$; $^{7}/_{32}$; $^{1}/_{4}$; $^{5}/_{16}$; $^{3}/_{8}$"

Product no.	L mm	W mm	H mm	Content pcs.	kg
96830127	250	460	60	24	1.4

TCS WT 4622SK-4650/10767a/24



Screwdriver set
— suitable for the 60 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)
Contains 24-pieces:
3 slotted screwdrivers with impact cap **No. 4622SK**: 0.8 x 4.0 x 90; 1.0 x 5.5 x 100; 1.2 x 6.5 x 125 mm
3 PH cross-head screwdrivers with impact cap **No. 4632SK**: PH1; PH2; PH3
5 TORX® screwdrivers **No. 4650**: T10; T15; T20; T25; T30
1 L-Key set hex **No. 10767a/13**: 0.050; $^{1}/_{16}$; $^{5}/_{64}$; $^{3}/_{32}$; $^{7}/_{64}$; $^{1}/_{8}$; $^{9}/_{64}$; $^{5}/_{32}$; $^{3}/_{16}$; $^{7}/_{32}$; $^{1}/_{4}$; $^{5}/_{16}$; $^{3}/_{8}$"

Product no.	L mm	W mm	H mm	Content pcs.	kg
96830126	250	460	60	24	1.61

TCS WT 4650-4665 VDE/10767H/20



Screwdriver set
— suitable for the 60 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)
Contains 20-pieces:
5 TORX® screwdrivers **No. 4650**: T10; T15; T20; T25; T30
3 VDE electrician's slotted screwdrivers **No. 4660 VDE**: 0.4 x 2.5 x 75; 0.6 x 3.5 x 100; 1.0 x 5.5 x 125 mm
3 VDE PH cross-head screwdrivers **No. 4665 VDE**: PH1; PH2; PH3
1 L-Key set hex **No. 10767H/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

Product no.	L mm	W mm	H mm	Content pcs.	kg
96830129	250	460	60	20	1.32

TCS WT 6551-6730/7



Pliers set
— suitable for the 30 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)
Contains 7-pieces:
1 combination pliers **No. 6700**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
2 circlip pliers **No. 6543, 6545**: J2; A2
1 water pump pliers **No. 6551**: L. 240 mm
1 self-grip wrench **No. 6564**: L. 250 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm

Product no.	L mm	W mm	H mm	Content pcs.	kg
96830118	250	460	30	7	1.88

TCS WT 6543-6730/7



Pliers set
— suitable for the 30 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)
Contains 7-pieces:
1 combination pliers **No. 6700**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
2 circlip pliers **No. 6543, 6545**: J2; A2
1 water pump pliers **No. 6551**: L. 240 mm
1 wire twisting pliers **No. 6575**: L. 230 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm

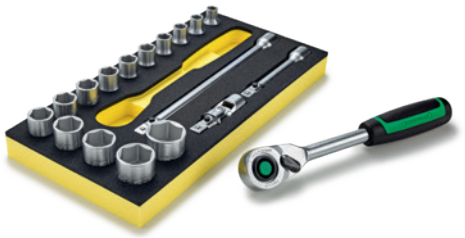
Product no.	L mm	W mm	H mm	Content pcs.	kg
96830131	260	460	30	7	1.66

TCS WT 102-109/16



Hammer and chisel set
— suitable for the 30 mm drawers of tool trolley No. 13217
— safely integrated in the modular Tool Control System (TCS)
Contains 16-pieces:
1 flat chisel **No. 102**: W. 20; L. 175 mm
1 centre punch **No. 105**: Ø 12 mm
6 pin punches **No. 108**: Ø 2; 3; 4; 5; 6; 8 mm
1 pin punch **No. 109**: Ø 3.4 mm
1 nylon hammer **No. 10956**: Ø 27 mm
1 engineer's hammer **No. 10961**: 300 g
1 telescopic stainless steel mirror **No. 12921M**: Ø 32 mm
1 tape measure **No. 12935**: L. 3 m
1 steel ruler **No. 13110**: L. 300 mm
1 cable knife **No. 12320**: L. 111 mm
1 pen light **No. 13126-2**: 35 lm

Product no.	L mm	W mm	H mm	Content pcs.	kg
96830119	250	460	30	16	1.79



Tool Control System
The intelligent modular inlay system protects and organises the tools in tool boxes, tool trolleys and workbenches. Two-colour foam inlays make checking the completeness of the tools quick and easy.

TOOL ASSORTMENTS IN CASES.



Top features tool box 13301
robust aluminium frame with impact edge protection

— ABS case shells
— 2 lockable flip-locks
— hinge cover
— variable base shell
— stable feet
— cover plate with 15 compartments, tool board with 22 compartments
— separate document compartment in lid
— max. load capacity: 25 kg

13301/69



Tool assortment in case
1 tool case **No. 13301**: 2 lockable flip-locks; removable inserts
Contains 69-pieces:
1 socket clip rail with sockets 1/4" **No. 40D/10-12916**: 5; 5.5; 6; 7; 8; 9 ;10; 12; 13; 14 mm
1 bit ratchet screwdriver 1/4" **No. 4008**: L. 95 mm
1 bit adaptor, manual 1/4" **No. 3116**: L. 50 mm
3 slotted screwdrivers **No. 4620**: 0.6 x 3.5 x 75; 1.2 x 6.5 x 150; 1.0 x 5.5 x 125 mm
2 PH cross-head screwdrivers **No. 4632**: PH1; PH2
1 combination pliers **No. 6700**: L. 180 mm
1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm
1 safety knife **No. 12965**: L. 174 mm
1 flat chisel **No. 102**: W. 17; L. 150 mm
1 plastic hammer **No. 10955:** Ø 35 mm
1 centre punch **No. 105**: Ø 10 mm
1 drift punch **No. 104**: Ø 2 mm
1 pin punch **No. 108**: Ø 4 mm
1 engineer's hammer **No. 10961**: 500 g
1 voltage tester **No. 10554**: 125-250 V
1 double open-ended spanner set **No. 10/9N**: 6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22; 21 x 24 mm
1 L-Key set hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 wooden folding ruler **No. 13112**: L. 2 m

Product no.	L mm	W mm	H mm	Content pcs.	kg
98830182	500	210	350	69	9.5

13301/87



Tool assortment in case
1 tool case **No. 13301**: 2 lockable flip-locks; removable inserts
Contains 87-pieces:
1 socket clip rail with sockets 1/2" **No. 50/10-12918**: 10, 13, 14, 17, 19, 22, 24, 27, 30, 32 mm
1 QuickRelease extension 1/2" **No. 509QR**: L. 130 mm
1 QuickRelease fine-tooth ratchet 1/2" **No. 512QR N80**: L. 265.5 mm
3 VDE electrician's slotted screwdrivers **No. 4660 VDE**: 0.6 x 3.5 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150 mm
3 VDE PH cross-head screwdrivers **No. 4665 VDE**: PH1; PH2; PH3
1 VDE combination pliers **No. 6700 VDE**: L. 180 mm
1 VDE telephone pliers **No. 6730 VDE**: L. 200 mm
1 water pump pliers **No. 6551**: L. 240 mm
1 VDE heavy-duty side cutters **No. 6721 VDE**: L. 160 mm
1 drift punch **No. 104**: Ø 2 mm
1 flat chisel **No. 102**: W. 17; L. 150 mm
1 pin punch **No. 108**: Ø 4 mm
1 centre punch **No. 105:** Ø 10 mm
1 safety knife **No. 12965**: L. 174 mm
1 plastic hammer **No. 10955**: Ø 35 mm
1 voltage tester **No. 10554**: 125-250 V
1 engineer's hammer **No. 10961**: 500 g
1 adjustable spanner **No. 4025** max. 34 mm
3 combination spanners **No. 13**: 21; 22; 24 mm
1 ratchet bit set, in softcase **No. 40/29/4 SCI**: No. 3825/1; 3116; 4008-2; 40: 5.5; 6; 7; 8; 10; 12; 13; 14 mm; 21 bits: SL 1x5.5; PH1 (x2); PH2 (x2); PH3; PZ1 (x2); PZ2 (x2); T10;15;20;25;30;40; INHEX: 3;4;5;6 mm; No. 418B
1 combination spanner set **No. 13/10**: 8; 9; 10; 11; 12; 13; 14; 15; 17; 19 mm
1 L-Key set hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 wooden folding ruler **No. 13112**: L. 2 m

Product no.	L mm	W mm	H mm	Content pcs.	kg
98830183	500	210	390	87	12.5



Top features tool box 13302/TR
Robust aluminium frame with impact edge protection

— with trolley function
— ABS case shells, ergonomically shaped carrying handle
— with user-friendly telescopic handle and 2 inline castors
— 2 lockable flip-lock and Proficode combination lock
— hinge cover
— variable base tray (2 aluminium dividers)
— stable base feet
— cover plate with 15 insert pockets, tool board with 22 insert pockets
— separate document compartment in the lid
— maximum load capacity: 30 kg

13302/TR/69



Tool assortment in case
1 tool case **No. 13302/TR**: Trolley function; combination lock; removable inserts
Contains 69-pieces:
1 socket clip rail with sockets 1/4" **No. 40D/10-12916**: 5; 5.5; 6; 7; 8; 9 ;10; 12; 13; 14 mm
1 bit ratchet screwdriver 1/4" **No. 4008:** L. 250 mm
1 bit adaptor, manual 1/4" **No. 3116**: L. 50 mm
3 slotted screwdrivers **No. 4620**: 0.6 x 3.5 x 75; 1.2 x 6.5 x 150; 1.0 x 5.5 x 125 mm
2 PH cross-head screwdrivers **No. 4632**: PH1; PH2
1 combination pliers **No. 6700**: L. 180 mm
1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm
1 safety knife **No. 12965**: L. 174 mm
1 flat chisel **No. 102**: W. 17; L. 150 mm
1 plastic hammer **No. 10955**: Ø 35 mm
1 centre punch **No. 105**: Ø 10 mm
1 drift punch **No. 104**: Ø 2 mm
1 pin punch **No. 108**: Ø 4 mm
1 engineer's hammer **No. 10961**: 500 g
1 voltage tester **No. 10554:** 125-250 V
1 double open-ended spanner set **No. 10/9N**: 6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22; 21 x 24 mm
1 L-Key set hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 wooden folding ruler **No. 13112**: L. 2 m

Product no.	L mm	W mm	H mm	Content pcs.	kg
98830184	525	275	455	69	12

13302/TR/87



Tool assortment in case
1 tool case **No. 13302/TR**: Trolley function; Combination lock; removable inserts
Contains 87-pieces:
1 socket clip rail with sockets 1/2" **No. 50/10-12918**: 10; 13; 14; 17; 19; 22; 24; 27; 30; 32 mm
1 QuickRelease extension 1/2" **No. 509QR**: 130 mm
1 QuickRelease fine-tooth ratchet 1/2" **No. 512QR N80**: L. 265.5 mm
3 VDE electrician's slotted screwdrivers **No. 4660 VDE**: 0.6 x 3.5 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150 mm
3 VDE PH cross-head screwdrivers **No. 4665 VDE**: PH1; PH2; PH3
1 VDE combination pliers **No. 6700 VDE**: L. 180 mm
1 VDE telephone pliers **No. 6730 VDE**: L. 200 mm
1 water pump pliers **No. 6551**: L. 240 mm
1 VDE heavy-duty side cutters **No. 6721 VDE**: L. 160 mm
1 drift punch **No. 104**: Ø 2 mm
1 flat chisel **No. 102**: W. 17; L. 150 mm
1 pin punch **No. 108**: Ø 4 mm
1 centre punch **No. 105**: Ø 10 mm
1 safety knife **No. 12965**: L. 174 mm
1 plastic hammer **No. 10955**: Ø 35 mm
1 voltage tester **No. 10554**: 125-250 V
1 engineer's hammer **No. 10961**: 500 g
1 adjustable spanner **No. 4025**: max. 34 mm
3 combination spanners **No. 13**: 21; 22; 24 mm
1 ratchet bit set, in soft case 1/4" **No. 40/29/4 SCI**: No. 3825/1; 3116; 4008-2; 40: 5.5; 6; 7; 8; 10; 12; 13; 14 mm; 21 bits: SL 1x5.5; PH1 (x2); PH2 (x2); PH3; PZ1 (x2); PZ2 (x2); T10;15;20;25;30;40; INHEX: 3;4;5;6 mm; No. 418B
1 combination spanner set **No. 13/10**: 8; 9; 10; 11; 12; 13; 14; 15; 17; 19 mm
1 L-Key set hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 wooden folding ruler **No. 13112**: L. 2 m

Product no.	L mm	W mm	H mm	Content pcs.	kg
98830185	520	280	460	87	15

13302/TR/99



Electronic tool set

1 tool case with trolley function **No. 13302/TR**

Contains 99-pieces:

10 combination spanners **No. 13**: 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm

5 combination spanners **No. 13a**: $^{3}/_{16}$; $^{7}/_{32}$; $^{1}/_{4}$; $^{3}/_{8}$; $^{1}/_{2}$"

5 combination spanners **No. 16**: 3.2; 3.5; 4; 4.5; 5 mm

1 adjustable spanner **No. 4025**: max. 13 mm

2 nut spinners **No. 12500N**: 6; 7 mm

4 L-Keys hex **No. 10765**: 2; 2.5; 3; 4 mm

1 slotted screwdriver **No. 4621 5**: 1.2 x 8.0 mm

3 PH cross-head screwdrivers **No. 4630**: PH0; PH1; PH2

3 VDE electrician's slotted screwdrivers **No. 4660 VDE**: 0.4 x 2.5; 0.8 x 4.0 ;1.2 x 6.5 mm

2 slotted screwdrivers **No. 4724**: 0.6 x 3.5 x 25; 1.0 x 5.5 x 25 mm

3 electronics hex screwdrivers **No. 4753**: 0.7; 0.9; 1.3 mm

1 combination pliers **No. 6700**: L. 160 mm

1 telephone pliers **No. 6730**: L. 160 mm

1 needle nose pliers **No. 6536**: L. 160 mm

1 electronics side cutters **No. 6707**: L. 115 mm

1 mini electronics side cutters **No. 6708**: L. 110 mm

1 wire strippers: max. Ø 4 mm^2

8 pin punches **No. 109**: Ø 0.9; 1.4; 1.8; 2.4; 2.8; 3.4; 3.9; 5.9 mm

2 L-Keys slotted **No. 10546**: 0.8 x 4.0; 1.0 x 5.5 mm

1 wire cutters **No. 13148**: L. 150 mm

1 caliper **No. 12900**: Measuring range: 150 mm/6"

1 telescopic mirror **No. 12921N**: Ø 50 mm

1 voltage tester **No. 10554**: 125-250 V

1 L-Key set hex **No.10760a/9**: $^{1}/_{16}$; $^{5}/_{64}$; $^{3}/_{32}$; $^{1}/_{8}$; $^{5}/_{32}$; $^{3}/_{16}$; $^{1}/_{4}$; $^{5}/_{16}$; $^{3}/_{8}$"

1 electronic screwdriver set **No. 4797:** 4751: 0.3 x 1.5 x 40, 0.4 x 2. 0 x 60; 0.4 x 2.5 x 75; 0.5 x 3.0 x 75 mm; 4752: PH00; PH1

1 needle file set **No. 13100:** 6-pieces

Aerospace tool kit No. 13211:

1 desoldering device: EGB/ESD

1 PCB connector: L. 180 mm: 6-piece

1 magnetic lifter and inspection mirror set: 2-piece

1 assembly tweezers: transverse

1 tweezers, curved: L. 165 mm

1 universal tweezers: L. 140 mm

1 precision knife

1 replacement blade for precision knife

1 test equipment set

1 spring hook set, in bag: 7-piece

1 soldering iron: 40 W

1 oil filler: 5 ccm

1 radio solder pen: 1.0 60% Sn

1 file block: 115 x 8 mm, jaws pointed

1 watchmaker magnifying glass: 7X magnification

1 desoldering wire: 1.4 mm, 1.5 m

1 retaining slotted screwdriver: 0.8 x 5.0 x 150 mm

1 retaining slotted screwdriver: 0.6 x 4.0 x 125 mm

Product no.	L mm	W mm	H mm	Content pcs.	kg
96221010	520	280	460	99	11.5



TOOL ASSORTMENTS IN L-BOXX®.

Top features of L-BOXX® tool box
mobile tool storage solution for trade and industry

— protects tools from damage and water spray
— compatible with the entire L-BOXX® range
— honeycomb function increases the stability of the base
— innovative one-handed click system
— contents are accessible even when the boxes are stacked and connected
— impact-resistant ABS plastic
— load capacity: 12 kg
— weight bearing capacity: 85 kg, can also be used as a step

136/95 L-BOXX®



Tool assortment basic
1 tool box **L-BOXX®**
Contains 95-pieces:
Tool card in lid:
1 slotted screwdriver **No.: 4621**: 0.5 x 3.5 x 90 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 voltage tester **No. 10554**: 125-250 V
1 magnetic lifter **No. 12600**: 270 g
1 wooden folding ruler **No. 13112**: L. 2 m
1 water pump pliers **No. 6551**: L. 240 mm

96830700 TCS L-BOXX® basic set:
7 combination spanners **No. 13**: 8; 10; 13; 17; 19; 22; 24 mm
1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces
1 bit holder 1/2" **No. 543**: L. 38 mm
1 bit ratchet screwdriver 1/4" **No. 4008**: L. 250 mm
1 extension 1/2" **No. 509**: L. 130 mm
1 ratchet 1/2" **No. 512-2K**: L. 265.5 mm
11 sockets with hex 1/2" **No. 52**: 8; 10; 12; 13; 16; 17; 18; 19; 22; 24, 27 mm
1 L-Key set hex **No. 10760/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

Product no.	L mm	W mm	H mm	Filling volume	Content pcs.	kg
97830700	360	444	152	12,2 l	95	7.34

136/96 L-BOXX®



Tool assortment industry
1 tool box **L-BOXX®**
Contains 96-pieces:
Tool card in lid:
4 VDE PH cross-head screwdrivers **No. 4665 VDE**: PH0; PH1; PH2; PH3
3 VDE electrician's slotted screwdrivers **No. 4660 VDE**: 0.4 x 2.5 x 75;0.6 x 3.5 x 100; 1.0 x 5.5 x 125 mm
1 wire strippers: max. Ø 4 mm^2
1 VDE side cutters **No. 6720 VDE**: L. 160 mm
1 VDE telephone pliers **No. 6730 VDE**: L. 160 mm
1 VDE telephone pliers **No. 6731 VDE**: L. 200 mm
1 wooden folding ruler **No. 13112**: L. 2 m
1 water pump pliers **No. 6551**: L. 240 mm
1 mini magnetic lifter **No. 12600**: 270 g

96830702 TCS L-BOXX® industry set:
1 stripping knife **No. 12967**: Ø 4-28 mm
1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces
1 engineer's hammer **No. 10961**: 500 g
1 voltage tester **No. 10554**: 125-250 V
1 flat chisel **No. 102**: W. 17; L. 150 mm
1 bit ratchet screwdriver 1/4" **No. 4008**: L. 95 mm
1 putty knife **No. 12481**: L. 112 mm
1 torch **No. 13132**: 130 lm
1 L-Key set TORX® **No. 10766/8**: T9; T10; T15; T20; T25; T27; T30; T40
1 L-Key set hex**No. 10760/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 adjustable spanner **No. 4025**: max. 34 mm
1 safety knife **No. 12965**: L. 174 mm

Product no.	L mm	W mm	H mm	Filling volume	Content pcs.	kg
97830701	360	444	152	12,2 l	111	9.5

136/111 L-BOXX®



Tool assortment electrics
1 tool box **L-BOXX®**
Contains 111-pieces:
Tool card in lid:
1 slotted screwdriver **No.: 4621**: 0.5 x 3.5 x 90 mm
3 PH cross-head screwdrivers **No. 4630**: PH1; PH2; PH3
1 voltage tester No. 10554: 125-250 V
1 L-Key set TORX. **No. 10766/8**: T9; T10; T15; T20; T25; T27; T30; T40
1 L-Key set hex **No. 10760/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 water pump pliers **No. 6551**: L. 240 mm
1 side cutters **No. 6720**: L. 180 mm
1 combination pliers **No. 6700**: L. 180 mm
1 safety knife **No. 12965**: L. 174 mm
1 wooden folding ruler **No. 13112**: L. 2 m
1 fl at chisel **No. 102**: W. 18; L. 150 mm
1 torch **No. 13132**: 130 lm

96830701 TCS L-BOXX® electrics set:
7 combination spanners **No. 13**: 8; 10; 13; 17; 19; 22; 24 mm
1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | TBO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces
1 bit holder 1/2" **No. 543**: L. 38 mm
1 bit ratchet screwdriver 1/4" **No. 4008**: L. 95 mm
1 extension 1/2" **No. 509**: L. 130 mm
1 ratchet 1/2" **No. 512-2K**: L. 265.5 mm
11 sockets with hex 1/2" **No. 52**: 8; 10; 12; 13; 16; 17; 18; 19; 22; 24, 27 mm
1 engineer's hammer **No. 10961**: 500 g
1 adjustable spanner **No. 4025**: max. 34 mm
1 centre punch **No. 105**: Ø 10 mm
1 mini magnetic lifter **No. 12600**: 270 g

Product no.	L mm	W mm	H mm	Filling volume	Content pcs.	kg
97830702	360	444	152	12,2 l	96	7.5



TOOL ASSORTMENTS IN TOOL BOXES.

Key features of the tool box
for mobile use

— with 4 drawers, a compartment under the lid, a safety lock and a sturdy aluminium structural sheet on the lid
— wide, spring-mounted, plastic-covered handles on the sides
— high-quality, fully-extendable stable sliding rail system
— easy-to-remove drawers
— affix items to the perforated panel with spring clamps No. 8050



13214

98814803 Line maintenance set in carrying case No. 13216N/4
— for maintenance work on aircraft and helicopters
— safely integrated in the modular Tool Control System (TCS)
— 1 carrying case **No. 13216N/4**

Product no.	L mm	W mm	H mm	Content pcs.	kg
98814803	580	300	494	146	27.5



96830795



96830804



96830805



96830806



96831794

Contains 146-pieces:

Lid contents
6 tool spring clamps **No. 8036**: Size 1
4 tool spring clamps **No. 8050**: Size 6
1 claw lifter **No. 12922**: Ø 6 mm L. 540 mm
1 mini magnetic lifter **No. 12600**: 270 g
1 hacksaw **No. 12053**: L. 252 mm
1 bit holder 1/4" **No. 4000**: L. 190 mm
1 QuickRelease speeder brace 3/8" **No. 453QR**: L. 408 mm
1 bit slotted 1/4" **No. 1163**: 0.6 x 4.5 mm

96830795
1 telephone pliers **No. 6731**: L. 200 mm
1 combination pliers **No. 6700**: L. 160 mm
1 water pump pliers **No. 6551**: L. 240 mm
1 self-grip wrench **No. 6564**: L. 175 mm
1 wire twisting pliers **No. 6575**: L. 230 mm
1 electronic's side cutters **No. 6707**: L. 115 mm
4 pin punches **No. 109**: Ø 1.4; 2.8; 3.4; 3.9 mm
1 steel ruler **No. 13310**: L. 300 mm

96830804
2 sockets with hex 1/4" **No. 40**: 4; 4.5 mm
11 sockets with bi-hex 1/4" **No. 40D**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
1 socket long, with hex 1/4" **No. 40L**: 4.5 mm
11 sockets long, with bi-hex 1/4" **No. 40DL**: 5; 5.5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
5 uniflex sockets with bi-hex 1/4" **No. 402**: 6; 7; 8; 9; 10 mm
1 QuickRelease universal joint 1/4" **No. 407/1QR**: L. 38 mm
2 QuickRelease extensions 1/4" **No. 408QR**: L. 55; 150 mm
1 square drive adaptor **No. 409M**: 1/4 to 3/8"
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 bit holder 1/4" **No. 412**: L. 20 mm
6 sockets with bi-hex 3/8" **No. 45**: 15; 17; 19; 21; 22; 24 mm

Tool assortments

4 sockets long, with bi-hex 3/8" **No. 46**: 15; 17; 19; 21 mm
2 QuickRelease extensions 3/8" **No. 426QR**: L. 75; 240 mm
1 QuickRelease universal joint 3/8" **No. 428/1QR**: L. 46 mm
1 square drive adaptor **No. 431**: 3/8 to 1/4"
1 square drive adaptor **No. 432M**: 3/8 to 1/2"
1 bit holder 3/8" **No. 443**: L. 32 mm
1 QuickRelease fine-tooth ratchet 3/8" **No. 435QR N**: L. 193 mm
4 double-ended ratchet ring spanners **No. 25**: 7 x 8; 9 x 10; 12 x 13; 17 x 19 mm
1 telescopic mirror **No. 12921M**: Ø 57 mm

96830805
18 combination spanners **No. 13**: 5.5; 6; 7; 8; 9; 10; 12; 13; 14; 15; 17; 19; 20; 21; 22; 24; 27; 30 mm
5 combination spanners **No. 16**: 3.2; 3.5; 4; 4.5; 5 mm

96830806
2 slotted screwdrivers **No. 4622**: 1.0 x 5.5 x 100; 1.2 x 8.0 x 150 mm
1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1 mm
1 cable knife **No. 12320**: Blade length: 90 mm
1 tape measure **No. 12935**: L. 3 m
1 scriber **No. 12321**: L. 250 mm
1 caliper **No. 12900**: Measuring range: 150 mm/6"
1 torch **No. 13218**: 320 lm
1 ball-ended L-Key set hex **No. 10767/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm

96831794
1 bit fine-tooth ratchet 1/4" **No. 415SGB N**: L. 117 mm
3 PH cross-head screwdrivers **No. 4632**: PH1; PH2; PH3
1 engineer's hammer **No. 10961**: 500 g
1 nylon hammer **No. 10956N**: Ø 35 mm
1 bit box **No. 1208**: 1 quick-change holder 1/4" | L. 25 mm: SL4,5;6,5;8 mm | PH1;2;3 (2x) | T6;15;20 | T-SET 4;6;8;10 (2x) | INHEX 5/64;9/64;1/8;3/16;5/32;7/64;3/32;7/32" | Adaptor 1/4" 4KT/6KT | 30-pieces
1 hook tool **No. 13001**: Angled 45°



13214a

98814801 Line maintenance set in carrying case No. 13216N/4
— for maintenance work on aircraft and helicopters
— safely integrated in the modular Tool Control System (TCS)
— 1 carrying case **No. 13216N/4**

Product no.	L mm	W mm	H mm	Content pcs.	kg
98814801	580	300	494	147	27.23



96830795



96830796



96831793



96831794



96835692

Contains 147-pieces:

Lid contents
1 QuickRelease speeder brace 3/8" **No. 453QR**: 408 mm
1 bit slotted 1/4" **No. 1163**: 0.6 x 4.5 mm
1 bit holder 1/4" **No. 4000**: L. 190 mm
1 hacksaw **No. 12053**: L. 252 mm
1 mini magnetic lifter **No. 12600**: 270 g
1 claw lifter **No. 12922**: Ø 6 mm; L. 540 mm
2 tool spring clips **No. 8050**: Size 6; 12

96830795
1 telephone pliers **No. 6731**: L. 200 mm
1 combination pliers **No. 6700**: L. 160 mm
1 water pump pliers **No. 6551**: L. 240 mm
1 self-grip wrench **No. 6564**: L. 175 mm
1 wire twisting pliers **No. 6575**: L. 230 mm
1 electronics side cutters **No. 6707**: L. 115 mm
4 pin punches **No. 109**: Ø 1.4; 2.8; 3.4; 3.9 mm
1 steel ruler **No. 13110**: L. 300 mm

96830796

23 combination spanners **No. 13a**: 3/16; 13/64; 7/32; 15/64; 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"

96831793

2 slotted screwdrivers **No. 4622**: 1.0 x 5.5 x 100; 1.2 x 8.0 x 150 mm
1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1 mm
1 tape measure **No. 12935**: L. 3 m
1 caliper **No. 12900**: Measuring range: 150 mm/6"
1 ball-ended L-Key set hex **No. 10767a/13**: 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"
1 cable knife **No. 12320**: Blade length: 90 mm
1 scriber **No. 12321**: L. 250 mm
1 torch **No. 13128**: 320 lm

96831794

1 bit fine-tooth ratchet 1/4" **No. 415SGB N**: L. 117 mm
3 PH cross-head screwdrivers **No. 4632**: PH1; PH2; PH3
1 engineer's hammer **No. 10961**: 500 g
1 nylon hammer **No. 10956**: Ø 35 mm
1 bit box **No. 1208**: 1 quick-change holder 1/4" | L. 25 mm: SL4,5;6,5;8 mm | PH1;2;3 (2x) | T6;15;20 | T-SET 4;6;8;10 (2x) | INHEX 5/64;9/64;1/8;3/16;5/32;7/64;3/32;7/32" | Adaptor 1/4" 4KT/6KT | 30-pieces
1 hook tool **No. 13001**: Angled 45°

96835692

4 double-ended ratchet ring spanners **No. 25aN**: 1/4 x 5/16; 5/16 x 11/32; 3/8 x 7/16; 1/2 x 9/16"
10 sockets with bi-hex 1/4" **No. 40aD**: 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"
10 sockets long, with bi-hex 1/4" **No. 40aDL**: 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16
5 uniflex sockets with bi-hex 1/4" **No. 402a**: 1/4; 5/16; 3/8; 7/16; 1/2"
2 QuickRelease extensions 1/4" **No. 408QR**: L. 55; 150 mm
1 QuickRelease universal joint 1/4" **No. 407QR**: L. 38 mm
1 square drive adaptor **No. 409M**: 1/4 to 3/8"
1 bit holder 1/4" **No. 412**: L. 20 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
8 sockets with bi-hex 3/8" **No. 45a**: 1/2; 9/16; 19/32; 5/8; 11/16; 3/4; 15/16; 1"
4 sockets with bi-hex 3/8" **No. 46a**: 5/8; 11/16; 3/4; 7/8"
2 QuickRelease extensions 3/8" **No. 426QR**: L. 75; 240 mm
1 QuickRelease universal joint 3/8" **No. 428QR**: L. 46 mm
1 square drive adaptor **No. 431**: 3/8 to 1/4"
1 square drive adaptor **No. 432M**: 3/8 to 1/2"
1 QuickRelease fine-tooth ratchet 3/8" **No. 435QR N**: L. 193 mm
1 bit holder 3/8" **No. 443**: L. 32 mm
1 telescopic mirror **No. 12921N**: Ø 50 mm



OTHER TOOL ASSORTMENTS.

13215/105



Multi-Use Tool Set

A backpack trolley for mobile use, equipped with a comprehensive selection of hand tools for maximum flexibility in changing work situations.

Key features of the backpack trolley

— sturdy tool backpack with reinforced bottom
— flexible use as a trolley or a backpack
— extendable, padded straps convert trolley into a backpack
— large, smooth-running wheels and a practical telescopic handle for convenient transport
— 2 easily removable tool panels for the most important everyday tools
— front pockets for documents and accessories
— padded notebook compartment (up to 15")

Contains 105-pieces:

1 socket set, in soft case ¼" **No. 40/16/3QR SCI**: No. 40: 6; 7; 8; 10; 13 mm; No. 418QR; No. 405QR; No. 412; No. 1300, 1302: 3; 5 mm; No. 1166: 1.0 x 5.5 mm; No. PH 1221-1222: PH1; PH2; No. PZ 1222: PZ2; No. 1415-1419: T15; T20; T25; T27; T30
1 bit box **No. 1206**: 1 bit holder | L. 25 mm: SL4;5;6 mm (2x) | PH1;2;3 (3x) | PZ1;2;3 (3x) | T10;15;20;25;27;30;40 (2x) | T BO10;15;20;25;27;30;40 | INHEX 3;4;5 mm | L. 75 mm: SL6 mm | PH2;3 | PZ1;2 | T20;25 | 56-pieces
1 screwdriver set **No. 4687**: No. 4620: 0.6 x 3.5 mm, 1.0 x 5.5 mm, 1.2 x 6.5 mm; No. 4630: PH1, PH2
1 bit ratchet screwdriver ¼" **No. 4008**: L. 250 mm
1 L-Key set hex **No. 10765/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
10 double open-ended spanners in roll-up pouch **No. 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
1 engineer's hammer **No. 10961**: 500 g
1 water pump pliers **No. 6551**: L. 240 mm
1 combination pliers **No. 6700**: L. 160 mm
1 side cutters **No. 6720**: L. 180 mm

Product no.	L mm	W mm	H mm	Content pcs.	kg
98810302	250	380	520	105	10.04



13253/38



Agrar on-board tool set

— tool set especially for the agricultural industry
— extra long combination spanners for better leverage; particularly effective for loosening tight screws
— available separately, supplementary set 96830278
— perfect size for storing away behind the driver's seat in tractors
— in a fold-out fabric case

Contains 38-pieces:

7 combination spanners **No. 14**: 10; 13; 17; 19; 22; 24; 27 mm (2 each)
1 slotted screwdriver **No. 4622**: 2.5 x 14.0 x 250 mm
1 slotted screwdriver **No. 4620**: 1.2 x 6.5 x 150 mm
2 PH cross-head screwdrivers **No. 4630**: PH1, PH2
1 ball-ended L-Key set hex **No. 10767/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 180 mm
1 engineer's hammer **No. 10961**: 800 g
1 flat chisel **No. 102**: W. 18; L. 150 mm
3 pin punches **No. 108**: Ø 2.5; 4; 6 mm
1 cable knife **No. 12320**: L. 111 mm
1 telescopic torch with magnet **No. 13122** L. 170-550 mm
1 magnetic tray **No. 650 MS**: Ø 108 mm
1 wooden folding ruler **No. 13112**: L. 2 m
1 socket clip rail, without sockets **No. 12918/10**: for 1/2" sockets (for 10-pieces)

Product no.	L mm	W mm	H mm	Filling volume	Content pcs.	kg
97830217	445	110	290	0,26 l	38	7.63

13253/1 10



Supplementary tool set AGRAR MOBIL

— tool assortment as a supplementary set for AGRAR MOBIL set 97830217

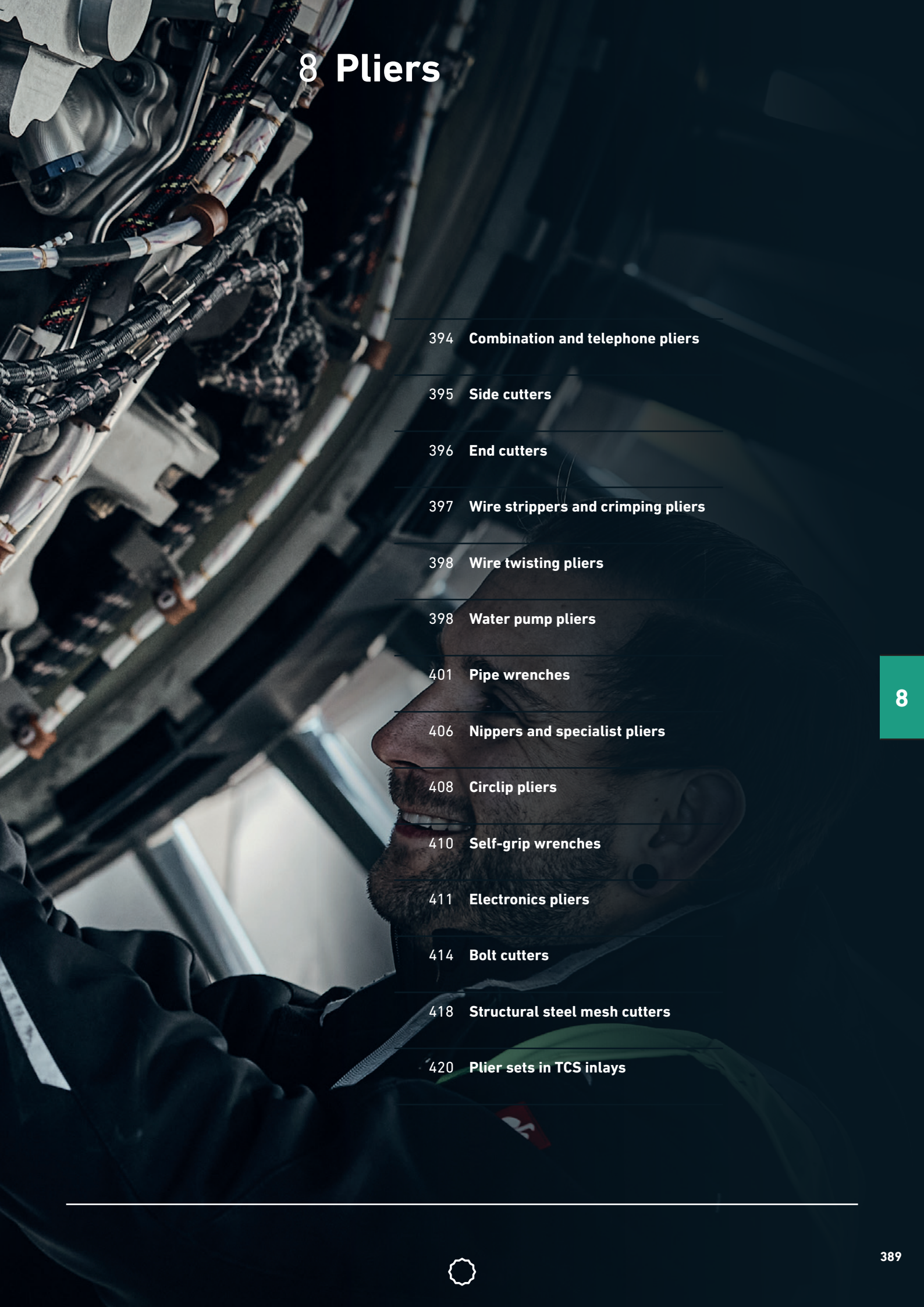
Contains 10-pieces:

1 QuickRelease fine-tooth ratchet 1/2" **No. 512QR N80**: L. 265.5 mm
1 QuickRelease extension 1/2" **No. 509QR**: L. 255 mm
7 sockets with bi-hex 1/2" **No. 50**: 10; 13; 17; 19; 22; 24; 27 mm
1 water pump pliers **No. 6572**: L. 300 mm

Product no.	Content pcs.	kg
96830278	10	2.06




MADE IN GERMANY



8 Pliers

394 Combination and telephone pliers

395 Side cutters

396 End cutters

397 Wire strippers and crimping pliers

398 Wire twisting pliers

398 Water pump pliers

401 Pipe wrenches

406 Nippers and specialist pliers

408 Circlip pliers

410 Self-grip wrenches

411 Electronics pliers

414 Bolt cutters

418 Structural steel mesh cutters

420 Plier sets in TCS inlays

STAHLWILLE PLIERS –
Precise. Strong. Ergonomic.

For precise work and powerful gripping – STAHLWILLE pliers with multi-component handles. The comfortable handles with textured surface allow safe, low-fatigue work, even with oily hands.

POWERFUL



Precise.

Specially hardened, high-precision cutting edges allow clean and effortless cutting, even of piano wire.

Durable.

Smooth-running lap joints and high-quality materials for a long tool life.

Reliable.

The anti-slip protection prevents hands slipping off towards the jaws.

Patented.

The PowerGRIP pipe wrench from STAHLWILLE impresses with its variable, smooth, quick adjustment and high gear ratio for impressive gripping power.



MADE IN CRONENBERG
MADE IN GERMANY

8

Ergonomic.

Low-fatigue work without pressure points thanks to ergonomically designed handle profile.

Special.

Everything but standard. In addition to universal pliers, STAHLWILLE also offers special tools such as wire twisting pliers.

VBW PLIERS – designed and manufactured in Germany. Professional tools – since 1828.

For generations, VBW has been synonymous with robust tools of the highest quality. Since the tools on construction sites often have to withstand the toughest conditions during demolition or renovation work, our tools are manufactured in Germany with the highest level of manufacturing precision. Numerous unique features also ensure efficient and comfortable work. VBW – a STAHLWILLE Group brand.



LightCUT®

Powerful.

VBW bolt cutters and structural steel mesh cutters are particularly powerful and offer high cutting performance with low effort.

Light.

The LightCUT® series of flat-oval, high-strength aluminium tubes are light in weight at around half the weight of a comparable tool. For fatigue-free work and precise results.

Durable.

All VBW bolt cutters and structural steel mesh cutters are made of high-quality special steel. Drop-forged blade and tube heads guarantee a long service life.



High-quality.

"The red with the yellow dot" stands for the professional quality of VBW water pump pliers. Inductively hardened teeth (including burner hole) offer a long service life.

8

Robust.

Forged professional tip quality for a wide range of applications in trades and industry. The self-clamping teeth ensure a secure grip on the workpiece enabling effortless, non-slip work.

Stable.

Water pump pliers from VBW have push-through sliding joints that are extremely stable due to the double guide.

Reliable.

The pliers are particularly safe as they offer pinch protection against crushing of fingers.

COMBINATION AND TELEPHONE PLIERS.

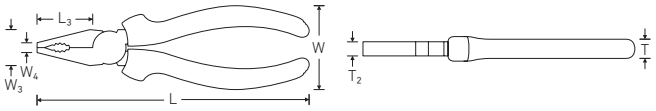
6700



2K

Combination pliers

— for gripping, holding and cutting cables as well as soft and hard wire
— with fine and coarse serrated gripping surface, with cutters
— hardened and tempered steel, drop-forged
— cutting edges with additional induction hardening to approx. 64 HRC
— chrome-plated
— with 2-component handles
— DIN ISO 5746



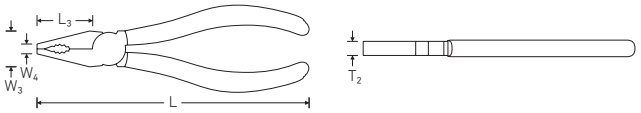
Product no.	L mm	L3 mm	T mm	T2 mm	W mm	W3 mm	W4 mm	g
67001160	160	34	21	10.5	57	24	6	210
67001180	180	38	22	11.5	57	26	7	275
67001200	200	42	23	12.5	55	29	8	340

6700



Combination pliers

— for gripping, holding and cutting cables as well as soft and hard wire
— with fine and coarse serrated gripping surface, with cutters
— hardened and tempered steel, drop-forged
— cutting edges with additional induction hardening to approx. 64 HRC
— polished head
— plastic coated handles
— DIN ISO 5746



Product no.	L mm	L3 mm	T2 mm	W3 mm	W4 mm	g
67003160	160	34	10.5	24	6	182
67003180	180	38	11.5	26	7	254
67003200	200	42	12.5	29	8	304

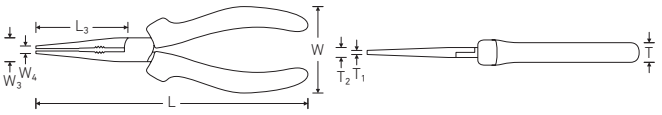
6730



2K

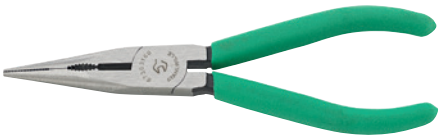
Telephone pliers

— straight with cutters and burner hole
— for precise gripping of nuts, pins and cotter pins
— flat-round, tapered jaws with serrated gripping surface
— hardened and tempered steel, drop-forged
— cutting edges with additional induction hardening to approx. 64 HRC
— chrome-plated
— with 2-component handles
— DIN ISO 5745



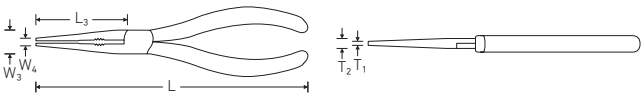
Product no.	L mm	L3 mm	T mm	T1 mm	T2 mm	W mm	W3 mm	W4 mm	g
67301160	160	47	21	3.5	9.5	55	18	3.5	155
67301200	200	70	22	4	11	57	20	5	215

6730



Telephone pliers

— straight with cutters and burner hole
— for precise gripping of nuts, pins and cotter pins
— flat-round, tapered jaws with serrated gripping surface
— hardened and tempered steel, drop-forged
— cutting edges with additional induction hardening to approx. 64 HRC
— polished head
— plastic coated handles
— DIN ISO 5745

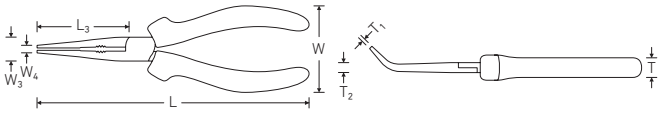


Product no.	L mm	L3 mm	T1 mm	T2 mm	W3 mm	W4 mm	g
67303160	160	47	3.5	9.5	18	3.5	130
67303200	200	70	4	11	20	5	182

6731



Telephone pliers
- curved (45°) with cutters and burner hole
- for precise gripping of nuts, pins and cotter pins
- flat-round, curved jaws with serrated gripping surface
- hardened and tempered steel, drop-forged
- cutting edges with additional induction hardening to approx. 64 HRC
- chrome-plated
- with 2-component handles
- DIN ISO 5745

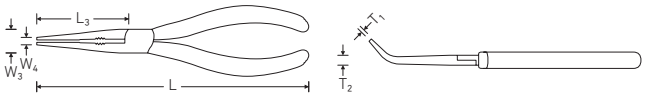


Product no.	L mm	L3 mm	T mm	T1 mm	T2 mm	W mm	W3 mm	W4 mm	∠	g
67311160	160	43	30	3.5	9.5	54	18	3.5	45	155
67311200	200	63	35	4	11	57	20	5	45	215

6731



Telephone pliers
- curved (45°) with cutters and burner hole
- for precise gripping of nuts, pins and cotter pins
- flat-round, curved jaws with serrated gripping surface
- hardened and tempered steel, drop-forged
- cutting edges with additional induction hardening to approx. 64 HRC
- polished head
- plastic coated handles
- DIN ISO 5745



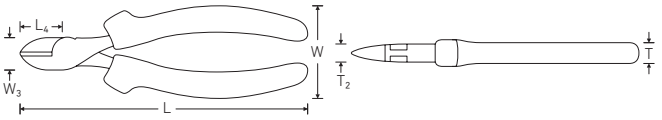
Product no.	L mm	L3 mm	T1 mm	T2 mm	W3 mm	W4 mm	∠	g
67313160	160	43	3.5	9.5	18	3.5	45	132
67313200	200	63	4	11	20	5	45	192

SIDE CUTTERS.

6720



Side cutters
- with half-round head shape for cutting cables, soft and hard wires, including piano wire
- bevelled cutting edges
- hardened and tempered steel, drop-forged
- cutting edges with additional induction hardening to approx. 64 HRC
- chrome-plated
- with 2-component handles
- DIN ISO 5749

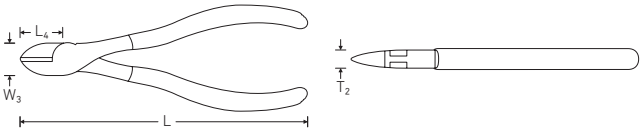


Product no.	L mm	L4 mm	T mm	T2 mm	W mm	W3 mm	g
67201140	140	19	22	11	59	20	180
67201160	160	19	22	11	58	22	235
67201180	180	21	23	11.5	56	24	265

6720



Side cutters
- with half-round head shape for cutting cables, soft and hard wires, including piano wire
- bevelled cutting edges
- hardened and tempered steel, drop-forged
- cutting edges with additional induction hardening to approx. 64 HRC
- polished head
- plastic coated handles
- DIN ISO 5749

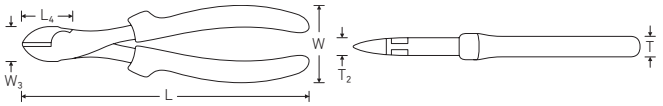


Product no.	L mm	L4 mm	T2 mm	W3 mm	g
67203140	140	19	11	20	145
67203160	160	19	11	22	208
67203180	180	21	11.5	24	230

6721



Heavy-duty side cutters
- half-round, compact head for flush cutting of all wire types
- hardened and tempered steel, drop-forged
- cutting edges with additional induction hardening to approx. 64 HRC
- chrome-plated
- with 2-component handles
- DIN ISO 5749

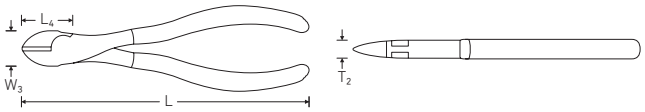


Product no.	L mm	L4 mm	T mm	T2 mm	W mm	W3 mm	g
67211160	160	16	21	11	52	26	210
67211180	180	21	22	12	56	30	300
67211200	200	20	23	12	54	32	300

6721



Heavy-duty side cutters
- half-round, compact head for flush cutting of all wire types
- hardened and tempered steel, drop-forged
- cutting edges with additional induction hardening to approx. 64 HRC
- polished head
- plastic coated handles
- DIN ISO 5749



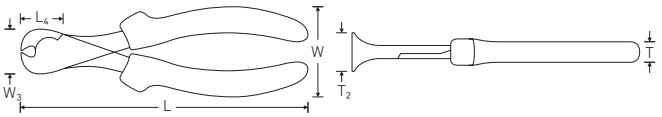
Product no.	L mm	L4 mm	T2 mm	W3 mm	g
67213160	160	16	11	26	196
67213180	180	21	12	30	266
67213200	200	20	12	32	270

END CUTTERS.

6770



Heavy-duty end cutters
- for cutting, tying/braiding and twisting wires
- hardened and tempered steel, drop-forged
- cutting edges with additional induction hardening to approx. 64 HRC
- chrome-plated
- with 2-component handles
- DIN ISO 5748

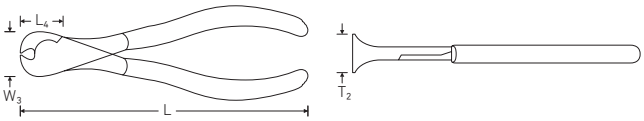


Product no.	L mm	L4 mm	T mm	T2 mm	W mm	W3 mm	g
67701160	160	8	21	25	56	30	225

6770



Heavy-duty end cutters
- for cutting, tying/braiding and twisting wires
- hardened and tempered steel, drop-forged
- cutting edges with additional induction hardening to approx. 64 HRC
- polished head
- plastic coated handles
- DIN ISO 5748



Product no.	L mm	L4 mm	T2 mm	W3 mm	g
67703160	160	8	25	30	200

6617



Lever action end cutters
- for piano wire
- optimum cutting results thanks to double-lever mechanism
- special steel
- head polished, 80CRV2 (1.2235)
- DIN ISO 5748

Product no.	L mm	T mm	W mm	g
66170180	180	30	50	394
66170215	215	30	63	440
66170235	235	30	47	467

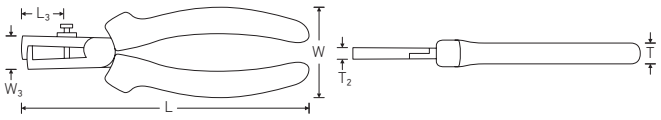
WIRE STRIPPERS AND CRIMPING PLIERS.

6780



2K

Wire strippers
- with adjustment screw and opening spring for setting to the desired wire or cord diameter
- for easy removal of the insulating sheaths from electrical conductors (single-, multi- and fine-wire)
- hardened and tempered steel, drop-forged
- cutting edges also induction hardened to approx. 44 HRC
- chrome-plated
- with 2-component handles

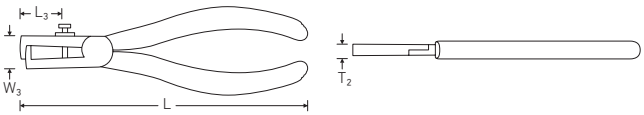


Product no.	L mm	L_3 mm	T mm	T_2 mm	W mm	W_3 mm	Ø max. mm	g
67801160	160	26	21	9.5	58	18	5	185

6780



Wire strippers
- with adjustment screw and opening spring for setting to the desired wire or cord diameter
- for easy removal of the insulating sheaths from electrical conductors (single-, multi- and fine-wire)
- hardened and tempered steel, drop-forged
- cutting edges also induction hardened to approx. 44 HRC
- polished head
- plastic coated handles



Product no.	L mm	L_3 mm	T_2 mm	W_3 mm	Ø max. mm^2	g
67803160	160	26	9.5	18	5	164

6638



Crimping pliers
- for crimping insulated cable lugs, plug, butt and parallel connectors (red/blue/yellow)
- for stripping wires with Ø 0.5 to 6 mm
- with cutting edge for cable separation
- releasable auto lock for high performance precision and easy handling
- non-slip handles with anti-slip protection

Product no.	L mm	Crimping range mm^2	g
66383220	220	red = 0.5-1 (AWG 20-18); blue = 1.5-2,5 (AWG 16-14); yellow = 4-6 (AWG 12-10)	477

TOOLS THAT ... inspire

WIRE TWISTING PLIERS.

6575



Wire twisting pliers
- for twisting wires up to Ø 1.6 mm (0.06")
- with cutters
- secure grip thanks to special serration design
- cutting jaws bevelled by 40°
- for both clockwise and counter-clockwise rotation
- with automatic return
- Chrome Alloy Steel, head and handles burnished

Product no.	L mm	g
65751220	230	330
65751280	280	440

WATER PUMP PLIERS.

6551



Water pump pliers
- self-clamping on the workpiece, reduces effort and prevents slipping
- sliding slip joint with double support
- easy to adjust thanks to locking hole adjustment
- induction-hardened serration for impressive dimensional stability and durability
- with built-in protection against crush injuries
- high-quality, hardened and tempered for excellent wear resistance
- Chrome Alloy Steel, forged and oil-hardened
- plastic coated handles
- DIN ISO 8976 (No. 207 C)

Product no.	L mm	Jaw opening max. mm	Positions	g
65516175	175	24	6x	173
65516240	240	34	7x	320
65516300	300	45	7x	520

6515



Mini water pump pliers
- compact version with slim head shape for use in confined working areas
- self-clamping on the workpiece, reduces effort and prevents slipping
- sliding slip joint with double support
- easy to adjust thanks to locking hole adjustment
- induction-hardened serration for impressive dimensional stability and durability
- with built-in protection against crush injuries
- plastic coated handles
- Chrome Alloy Steel, forged and oil-hardened
- DIN ISO 8976

Product no.	L mm	Jaw opening max. mm	Positions	g
65156125	125	25	4x	118

6572



Water pump pliers FastGRIP
- self-clamping on the workpiece, reduces effort and prevents slipping
- sliding slip joint with double support
- quick adjustment of the pliers at the push of a button
- variable and smooth fine adjustment
- induction-hardened serration for impressive dimensional stability and durability
- with built-in protection against crush injuries
- high-quality, hardened and tempered for excellent wear resistance
- Chrome Alloy Steel, forged and oil-hardened
- plastic coated handles
- DIN ISO 8976

Product no.	L mm	Jaw opening max. mm	Positions	g
65726180	180	28	10x	236
65726240	240	37	12x	405
65726300	300	44	15x	530



188



Water pump pliers
- professional version for continuous use
- self-clamping on the workpiece, reduces effort and prevents slipping
- sliding slip joint with double support
- easy to adjust thanks to locking hole adjustment
- induction-hardened serration for impressive dimensional stability and durability
- with built-in protection against crush injuries
- high-quality, hardened and tempered for excellent wear resistance
- with knurled handles
- DIN ISO 8976

Product no.	L mm	Jaw opening max. mm	Positions	g
87188005	160	17	4x	106
87188010	250	30	6x	295
87188015	315	40	6x	487

188/3S



Water pump plier set
- professional version for continuous use

Contains 3-pieces:

3 water pump pliers **No. 188**: L. 160; 250; 315 mm

Product no.	Content pcs.	g
87188021	3	970

966



Water pump pliers
- self-clamping on the workpiece, reduces effort and prevents slipping
- sliding slip joint with double support
- easy to adjust thanks to locking hole adjustment
- with built-in protection against crush injuries
- high-quality, hardened and tempered for excellent wear resistance
- with knurled handles
- DIN ISO 8976

Product no.	L mm	Jaw opening max. mm	Positions	g
87966005	160	26	6x	150
87966010	230	33	7x	310
87966015	300	45	7x	485

966/3S



Water pump plier set
- for universal industrial, trade, workshop and domestic use

Contains 3-pieces:

3 water pump pliers **No. 966**: L. 160; 250; 315 mm

Product no.	Content pcs.	g
87966021	3	940

966



Water pump pliers
- self-clamping on the workpiece, reduces effort and prevents slipping
- sliding slip joint with double support
- easy to adjust thanks to locking hole adjustment
- with built-in protection against crush injuries
- high-quality, hardened and tempered for excellent wear resistance
- plastic coated handles
- DIN ISO 8976

Product no.	L mm	Jaw opening max. mm	Positions	g
87966000	125	26	4x	104
87966165	160	26	6x	171
87966166	250	33	7x	320
87966167	315	45	7x	492

966-K/3S



Water pump plier set
- for universal industrial, trade, workshop and domestic use

Contains 3-pieces:

3 water pump pliers **No. 966**: L. 160; 250; 315 mm

Product no.	Content pcs.	g
87966164	3	996

966

VBW



Water pump pliers

— self-clamping on the workpiece, reduces effort and prevents slipping
— sliding slip joint with double support
— easy to adjust thanks to locking hole adjustment
— with built-in protection against crush injuries
— high-quality, hardened and tempered for excellent wear resistance
— plastic coated handles
— DIN ISO 8976

Product no.	L mm	Jaw opening max. mm	Positions	g
87966030	160	26	6x	154
87966031	250	33	7x	309
87966032	315	45	7x	485

99/4S

VBW



Professional sanitary assortment

— professional set for plumbing and installation work
— for all gripping and turning work on pipes, nuts, bolts and similar objects
— in high-quality fabric bag for flexible transport

Contains 4-pieces:

1 water pump pliers **No. 182**: L. 250 mm
1 pipe wrench **No. 180**: L. 250 mm
1 ABC pipe wrench **No. 115**: $^1/_2$"
1 water pump pliers **No. 188**: L. 250 mm

Product no.	Content pcs.	g
87991500	4	1935

MADE IN CRONENBERG
MADE IN GERMANY

For more than 160 years, the STAHLWILLE brand has been synonymous with premium tools. From its foundation by Eduard Wille to the present day, our goal has always been the same: to manufacture tools that set the standard and that are 'Made in Germany'.

182

VBW



Water pump pliers FastGRIP

— self-clamping on the workpiece, reduces effort and prevents slipping
— sliding slip joint with double support
— quick adjustment of the pliers at the push of a button
— variable and smooth fine adjustment
— induction-hardened serration for impressive dimensional stability and durability
— with built-in protection against crush injuries
— high-quality, hardened and tempered for excellent wear resistance
— plastic coated handles
— DIN ISO 8976

Product no.	L mm	Jaw opening max. mm	Positions	g
87182005	180	28	10x	221
87182010	250	35	12x	405
87182015	315	44	15x	526

182-K/3S

VBW



Water pump plier set FastGRIP

Contains 3-pieces:

3 water pump pliers **No. 182**: L. 180; 250; 315 mm

Product no.	Content pcs.	g
87182900	3	1190

184

VBW



Water pump pliers AllGRIP

— self-clamping on the workpiece, reduces effort and prevents slipping
— sliding slip joint with double support
— easy to adjust thanks to locking hole adjustment
— variable and smooth fine adjustment
— induction-hardened serration for impressive dimensional stability and durability
— with built-in protection against crush injuries
— high-quality, hardened and tempered for excellent wear resistance
— plastic coated handles
— DIN ISO 8976

Product no.	L mm	Jaw opening max. mm	Positions	g
87184010	250	42	8x	398

186

VBW



S-jaw push-button water pump pliers S-GRIP®

— water pump pliers and pipe wrench in one
— slim, S-shaped jaws for maximum gripping and holding performance
— offset tooth arrangement for optimal firm grip
— self-clamping on the workpiece, reduces effort and prevents slipping
— sliding slip joint with double support
— quick adjustment of the pliers at the push of a button
— variable and smooth fine adjustment
— induction-hardened serration for impressive dimensional stability and durability
— with built-in protection against crush injuries
— high-quality, hardened and tempered for excellent wear resistance
— plastic coated handles
— DIN ISO 8976

Product no.	L mm	Jaw opening max. mm	Positions	g
87186010	250	45	12x	409

6573



Pipe wrenches PowerGRIP

— smooth jaws to protect sensitive surfaces
— secure grip when screwing, holding and bending
— quick adjustment of the pipe wrench at the push of a button
— for workpieces with parallel surfaces (nuts, screws, etc.)
— variable and smooth fine adjustment
— high transmission ratio for noticeable manual force amplification
— with built-in protection against crush injuries
— high-quality, hardened and tempered for excellent wear resistance
— plastic coated handles

Product no.	L mm	Jaw opening max. mm	Positions	g
65735180	180	36	11x	291
65735250	250	46	14x	485
65735300	300	60	18x	661

180

VBW



Pipe wrenches PowerGRIP

— smooth jaws to protect sensitive surfaces
— secure grip when screwing, holding and bending
— quick adjustment of the pipe wrench at the push of a button
— for workpieces with flat surfaces (nuts, screws, etc.)
— variable and smooth fine adjustment
— high transmission ratio for noticeable manual force amplification
— with built-in protection against crush injuries
— high-quality, hardened and tempered for excellent wear resistance
— plastic coated handles

Product no.	L mm	Jaw opening max. mm	Positions	g
87180305	180	36	11x	275
87180310	250	46	14x	490
87180315	315	60	18x	640

180-K/3S

VBW



Pipe wrench set PowerGRIP

— for universal industrial, trade, workshop and domestic use

Contains 3-pieces:

3 pipe wrenches **No. 180**: L. 180; 250; 315 mm

Product no.	Content pcs.	g
87180900	3	1405

PIPE WRENCHES.

6549



Corner pipe wrenches

— Form B, angled 45°
— ideal for concealed and difficult-to-access bolted joints
— DIN 5234

Product no.	max."	L mm	Jaw opening max. mm	g
65490315	1	330	35	780
65490420	1 1/2	445	62	1626
65490555	2	560	78	2780

6556



Swedish pipe wrenches

— Form A, angled 90°
— ideal for concealed and difficult-to-access bolted joints
— DIN 5234

Product no.	max."	L mm	Jaw opening max. mm	g
65560310	1	320	44	780
65560420	1 1/2	420	64	1560
65560560	2	540	83	2676

6557



S-jaw pipe wrenches

— Form C
— ideal for concealed and difficult-to-access bolted joints
— DIN 5234

Product no.	max."	L mm	Jaw opening max. mm	g
65570320	1	330	40	811
65570416	1 1/2	440	60	1595
65570535	2	560	70	2677

6558



HEAVY-DUTY pipe wrenches

— head black lacquered, polished
— US Standard GGG-W-651 Type II, Class A

Product no.	max."	L mm	Jaw opening max. mm	g
65580250	10	250	49	805
65580300	12	300	61	1255
65580350	14	350	61	1665
65580450	18	450	77	2660
65580600	24	600	90	3955

6559



STILLSON pipe wrenches

— head black lacquered, polished
— US Standard GGG-W-651 Type I, Class A

Product no.	max."	L mm	Jaw opening max. mm	g
65590250	10	250	35	550
65590300	12	300	43	750
65590350	14	350	49	1080
65590450	18	450	61	1725
65590600	24	600	77	2745

VBW



Replacement nuts for pipe wrenches

— for pipe wrenches, chrome-plated

87100050	**87100060**	**87100065**	**87100070**	**87110075**	**87110080**
S-JAW PIPE WRENCH RP 1/2 INCH 87952005	ABC-PIPE WRENCH X-GRIP 1 INCH 87115010	ABC-PIPE WRENCH X-GRIP 1 1/2 INCH 87115015	ABC-PIPE WRENCH X-GRIP 2 INCH 87115020	ABC-PIPE WRENCH X-GRIP 3 INCH 87115025	PIPE WRENCH 90° 4 INCH 87110030
CORNER PIPE-WRENCH 45° 1/2 INCH 87111005	S-JAW PIPE WRENCH RP 1 INCH 87100010	S-JAW PIPE WRENCH RP 1 1/2 INCH 87100015	S-JAW PIPE WRENCH RP 2 INCH 87100020	S-JAW PIPE WRENCH RP 3 INCH 87100025	
	S-JAW PIPE WRENCH RP 1 INCH 87952010	S-JAW PIPE WRENCH RP 1 1/2 INCH 87952015	X-GRIP PIPE WRENCH 2 INCH RED EDITION 87115120	S-JAW PIPE WRENCH RP 3 INCH 87952030	
	CORNER PIPE WRENCH 45° 1 INCH 87111010	CORNER PIPE WRENCH 45° R 1 1/2 INCH 87951015	CORNER PIPE WRENCH 45° 2 INCH 87111020	CORNER PIPE WRENCH 45° 3 INCH 87111025	
	CORNER PIPE WRENCH 45° R 1 INCH 87951010	PIPE WRENCH 90° 1 1/2 INCH 87110015	CORNER PIPE WRENCH 45° R 2 INCH 87951020	PIPE WRENCH 90° 3 INCH 87110025	
	PIPE WRENCH 90° 1 INCH 87110010	PIPE WRENCH 90° 1 1/2 INCH 87950015	PIPE WRENCH 90° 2 INCH 87110020		
	PIPE WRENCH 90° 1 INCH 87950010	X-GRIP PIPE WRENCH 1 1/2 INCH RED EDITIO 87115115	PIPE WRENCH 90° 2 INCH 87950020		
		CORNER PIPE WRENCH 45° 1 1/2 INCH 87111015	S-JAW PIPE WRENCH RP 2 INCH 87952020		

100

VBW



S-jaw pipe wrenches
- professional quality for continuous use
- Form C
- special jaw geometry with 3-point support for firm grip and non-slip handle
- with reinforced handle
- self-clamping on the workpiece, prevents loss of secured nuts
- with built-in protection against crush injuries
- induction-hardened serration for impressive dimensional stability and durability
- high-quality, hardened and tempered for excellent wear resistance
- double-T profile handle for safe handling
- DIN 5234

Product no.	max."	max. mm	L mm	Jaw opening max. mm	g
87100010	1	25.4	320	49	780
87100015	1 1/2	38.1	436	68	1495
87100020	2	50.8	555	85	2530
87100025	3	76.2	673	120	4051

952

VBW



S-jaw pipe wrenches
- Form C
- special jaw geometry with 3-point support for firm grip and non-slip handle
- with reinforced handle
- self-clamping on the workpiece, prevents loss of secured nuts
- with built-in protection against crush injuries
- induction-hardened serration for impressive dimensional stability and durability
- high-quality, hardened and tempered for excellent wear resistance
- double-T profile handle for safe handling
- DIN 5234

Product no.	max."	max. mm	L mm	Jaw opening max. mm	g
87952005	1/2	12.7	245	39	454
87952010	1	25.4	330	49	780
87952015	1 1/2	38.1	440	68	1570
87952020	2	50.8	560	85	2670
87952030	3	76.2	675	120	4310

952/3S

VBW



S-jaw pipe wrench set
- for universal industrial, trade, workshop and domestic use

Contains 3-pieces:

3 S-jaw pipe wrenches **No. 952**: 1; 1 1/2; 2"

Product no.	Content pcs.	g
87991952	3	5030

952/966/3S

VBW



S-jaw pipe wrench and water pump plier set
- for universal industrial, trade, workshop and domestic use

Contains 3-pieces:

1 water pump pliers **No. 966**: L. 240 mm

2 pipe wrenches **No. 952**: 1; 1 1/2"

Product no.	Content pcs.	g
87991900	3	2685

110

VBW



Pipe wrenches 90°
- professional quality for continuous use
- Form A, angled 90°
- for concealed and hard-to-reach bolted joints
- with reinforced handle
- self-clamping on the workpiece, prevents loss of secured nuts
- with built-in protection against crush injuries
- high-quality, hardened and tempered for excellent wear resistance
- double-T profile handle for safe handling
- DIN 5234

Product no.	max."	max. mm	L mm	Jaw opening max. mm	g
87110010	1	25.4	305	49	771
87110015	1 1/2	38.1	420	65	1462
87110020	2	50.8	530	84	2520
87110025	3	76.2	682	110	3775
87110030	4	101.6	744	140	5530

950



Pipe wrenches 90°

— Form A, angled 90°
— with reinforced handle
— self-clamping on the workpiece, prevents loss of secured nuts
— with built-in protection against crush injuries
— high-quality, hardened and tempered for excellent wear resistance
— double-T profile handle for safe handling
— DIN 5234

Product no.	max."	max. mm	L mm	Jaw opening max. mm	g
87950010	1	12.7	306	49	780
87950015	1 1/2	25.4	420	65	1525
87950020	2	38.1	530	84	2530

111



Plumber's pipe wrenches 45°

— professional quality for continuous use
— Form A, angled 45°
— for concealed and hard-to-reach bolted joints
— special jaw geometry with 3-point support for firm grip and non-slip handle
— with reinforced handle
— self-clamping on the workpiece, prevents loss of secured nuts
— with built-in protection against crush injuries
— high-quality, hardened and tempered for excellent wear resistance
— double-T profile handle for safe handling
— DIN 5234

Product no.	max."	max. mm	L mm	Jaw opening max. mm	g
87111005	1/2	12.7	236	36	464
87111010	1	25.4	316	55	761
87111015	1 1/2	38.1	443	81	1635
87111020	2	50.8	560	94	2790
87111025	3	76.2	710	110	4100

951

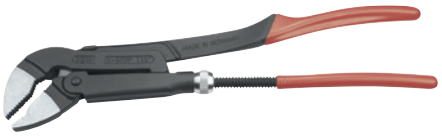


Plumber's pipe wrenches 45°

— Form A, angled 45°
— special jaw geometry with 3-point support for firm grip and non-slip handle
— with reinforced handle
— self-clamping on the workpiece, prevents loss of secured nuts
— with built-in protection against crush injuries
— high-quality, hardened and tempered for excellent wear resistance
— double-T profile handle for safe handling
— DIN 5234

Product no.	max."	max. mm	L mm	Jaw opening max. mm	g
87951010	1	25.4	320	55	815
87951015	1 1/2	38.1	445	81	1635
87951020	2	50.8	560	94	2790

115



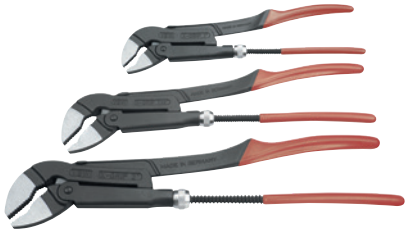
ABC pipe wrenches X-GRIP®

— 3 DIN forms in one: Forms A, B and C, angled 45°
— for a secure grip on pipes, flat materials and bolted joints
— special 'Corner-O-Point' jaw shape for round and square workpieces and sheet metal
— with reinforced handle
— self-clamping on the workpiece, prevents loss of secured nuts
— with built-in protection against crush injuries
— high-quality, hardened and tempered for excellent wear resistance
— plastic coated handles
— DIN ISO 5234

Product no.	max."	max. mm	L mm	Jaw opening max. mm	g
87115005	1/2	12.7	238	39	480
87115010	1	25.4	318	55	860
87115015	1 1/2	38.1	427	75	1515
87115020	2	50.8	555	100	3135
87115025	3	76.2	700	120	4180

115-K/3S

VBW



ABC pipe wrench set X-GRIP®

— for universal industrial, trade, workshop and domestic use

Contains 3-pieces:

3 ABC pipe wrenches **No. 115**: 1; 1 1/2; 2"

Product no.	Content pcs.	g
87991115	3	5745

127

VBW



Self-grip pipe wrenches

— for twisting and loosening pipes and nuts with different diameters

— forged jaws

— setting via threaded roller

Product no.	max."	L mm	L "	Jaw opening max. mm	g
87127005	1 1/4	175	7	31.75	278
87127010	1 1/2	225	9	38.1	513
87127015	2	265	10 1/2	50.8	805
87127020	2 1/2	300	12	63.5	968
87127025	3	350	14	76.2	1590

129

VBW



Chain pipe wrench

— ratchet-like operation on the tube, for simple standard applications

— for use in hard-to-reach places

— can be used in 2 directions

— hardened and tempered chain, specially hardened teeth

— drop-forged handle

Product no.	min."	max."	min. mm	max. mm	L mm	Chain length mm	g
87129005	3/4	4	19,5	101,6	300	440	958

129010

VBW



Spare chain

— for chain pipe wrench No. 129

— hardened and tempered chain, specially hardened teeth

Product no.	for model	Chain length mm	g
87129010	129005	440	326

130

VBW



Chain pipe wrenches

— heavy-duty steel chain

— suitable for particularly large diameters

— can be used in 2 directions

— hardened, two-sided serrated, replaceable jaws

— powerful due to maximum leverage

Product no.	min."	max."	min. mm	max. mm	L mm	Chain length mm	g
87130010	1/8	2	3,175	50,8	510	380	2585
87130015	1/4	3	6,35	76,2	710	490	4031
87130020	3/4	4	19,05	101,6	915	610	6669
87130025	1	6	25,4	152,4	1065	850	9500
87130030	1 1/2	8	38,1	203,2	1280	1000	12944

130-1

VBW



Spare chains

— for chain pipe wrenches No. 130

— heavy-duty steel chain

Product no.	for model	Chain length mm	g
87130110	130010	380	530
87130115	130015	490	731
87130120	130020	610	1435
87130125	130025	850	2275
87130130	130030	1000	3153

6576



Connector and siphon pliers
— for loosening or tightening screw connectors, e.g. Cannon connectors
— for work on sensitive light alloy and pipe fittings
— 4-position adjustable sliding joint
— with interchangeable plastic jaws
— Chrome Alloy Steel
— plastic coated handles

Product no.	L mm	g
65765231	230	288

6976



Replacement plastic jaws
— plastic jaws for No. 6576

Product no.	for model	L mm	g
69760001	6576N	25	4

NIPPERS AND SPECIALIST PLIERS.

6661



Pincers
— inductively hardened cutting edges
— drop-forged, oil-hardened
— wear-resistant special steel
— DIN ISO 9243

Product no.	L mm	g
66611180	180	322
66611200	200	350

515

VBW



Pincers
— inductively hardened cutting edges
— drop-forged, oil-hardened
— wear-resistant special steel
— DIN ISO 9243

Product no.	L mm	g
87515005	180	306
87515010	200	342
87515020	250	525

514

VBW



Potter's or brick nippers
— suitable for working with ceramic products in the sanitation sector
— with wire cutter for soft wire before the joint
— inductively hardened cutting edges
— wear-resistant special steel, hardened and tempered

Product no.	L mm	Jaw width mm	g
87514105	200	10	360

6660



Mechanic's nippers
— for twisting and cutting the wire
— limitation of the opening angle for one-handed operation
— optimised cutter geometry reduces the effort required for cutting
— inductively hardened cutting edges
— drop-forged, oil-hardened
— wear-resistant special steel
— DIN ISO 9242

Product no.	L mm	g
66601220	224	318
66601250	250	390
66601280	280	475

6662



Heavy-duty mechanic's nippers
- slim version is suitable for working on low-lying cast iron
- for twisting and cutting the wire
- induction-hardened cutting edges, cutting edge hardness approx. 61 HRC
- extended handles and optimised cutter geometry reduces the effort required for cutting
- significantly dampened cutting impact
- drop-forged, oil-hardened
- wear-resistant special steel
- DIN ISO 9242

Product no.	L mm	g
66624300	300	478

510

VBW



Mechanic's nippers TopCUT®
- for twisting and cutting the wire
- limitation of the opening angle for one-handed operation
- optimised cutter geometry reduces the effort required for cutting
- particularly easy to use
- inductively hardened cutting edges
- drop-forged, oil-hardened
- wear-resistant special steel
- DIN ISO 9242

Product no.	L mm	g
87510005	224	340
87510010	250	410
87510015	280	460
87510020	315	505

510-1

VBW



Mechanic's nippers TopCUT®
- for twisting and cutting the wire
- limitation of the opening angle for one-handed operation
- optimised cutter geometry reduces the effort required for cutting
- particularly easy to use
- inductively hardened cutting edges
- drop-forged, oil-hardened
- wear-resistant special steel
- plastic coated handles
- DIN ISO 9242

Product no.	L mm	g
87510105	224	337
87510110	250	417
87510115	280	468
87510120	315	500

512

VBW



Heavy-duty mechanic's nippers MasterCUT®
- slim version is suitable for working on low-lying cast iron
- for twisting and cutting the wire
- extended handles and optimised cutter geometry reduces the effort required for cutting
- inductively hardened cutting edges
- particularly easy to use
- black lacquered, head polished
- drop-forged, oil-hardened
- wear-resistant special steel
- DIN ISO 9242

Product no.	L mm	g
87512220	300	482

MADE IN GERMANY

For more than 160 years, the STAHLWILLE brand has been synonymous with premium tools. From its foundation by Eduard Wille to the present day, our goal has always been the same: to manufacture tools that set the standard and that are 'Made in Germany'.

512-0



Heavy-duty mechanic's nippers MasterCUT®
- slim version is suitable for working on low-lying cast iron
- for twisting and cutting the wire
- extended handles and optimised cutter geometry reduces the effort required for cutting
- particularly easy to use
- significantly dampened cutting impact
- chrome-plated, head polished
- wear-resistant special steel
- DIN ISO 9242

Product no.	L mm	g
87512000	200	236
87512020	300	475

511-0



Tile hole pliers
- suitable for breaking out and enlarging holes in tiles
- pre-drilled holes can be enlarged by breaking out, and edges can be formed
- special steel

Product no.	L mm	Jaw width mm	g
87511005	200	36	198

511-1



Tile hole pliers
- suitable for breaking out and enlarging holes in tiles
- pre-drilled holes can be enlarged by breaking out, and edges can be formed
- with opening spring
- special steel

Product no.	L mm	Jaw width mm	g
87511105	200	36	205

156



Seaming pliers, straight
- straight version
- suitable for folding sheet metal
- forged

Product no.	L mm	Jaw width mm	g
87156205	260	60	612

156



Seaming pliers, curved 45°
- suitable for folding sheet metal
- forged

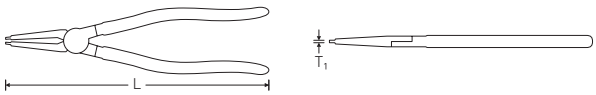
Product no.	L mm	Jaw width mm	g
87156210	260	60	632

CIRCLIP PLIERS.

6543



Circlip pliers for internal circlips
- version with straight jaws
- suitable for gripping, inserting and removing internal circlips in drilled holes
- with cylindrical precision tips
- drop-forged
- head and handles chrome-plated, chequered handles
- DIN 5256 C



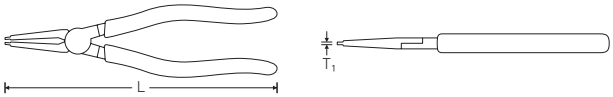
Product no.	Size	L mm	T1 mm	for circlips mm	g
65434100	J0	140	0.9	8-13	90
65434101	J1	140	1.3	12-25	90
65434102	J2	180	1.8	19-60	135
65434103	J3	225	2.3	40-100	195
65434104	J4	305	3.2	85-140	419

6543



Circlip pliers for internal circlips

— version with straight jaws
— suitable for gripping, inserting and removing internal circlips in drilled holes
— with cylindrical precision tips
— drop-forged
— polished head
— plastic coated handles
— DIN 5256 C



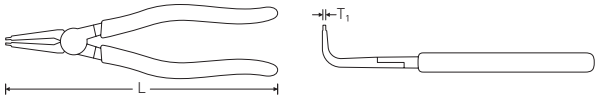
Product no.	Size	L mm	T_1 mm	for circlips mm	g
65436100	J0	140	0.9	8-13	100
65436101	J1	140	1.3	12-25	100
65436102	J2	180	1.8	19-60	150
65436103	J3	228	2.3	40-100	215
65436104	J4	304	3.2	85-140	462

6544



Circlip pliers for internal circlips

— version with 90° angled jaws
— suitable for gripping, inserting and removing internal circlips in drilled holes
— with cylindrical precision tips
— drop-forged
— polished head
— plastic coated handles
— DIN 5256 D



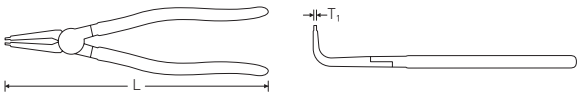
Product no.	Size	L mm	T_1 mm	for circlips mm	g
65446101	J01	130	0.9	8-13	100
65446111	J11	130	1.3	12-25	100
65446121	J21	170	1.8	19-60	150
65446131	J31	215	2.3	40-100	215
65446141	J41	290	3.2	85-140	432

6544



Circlip pliers for internal circlips

— version with 90° angled jaws
— suitable for gripping, inserting and removing internal circlips in drilled holes
— with cylindrical precision tips
— drop-forged
— head and handles chrome-plated, chequered handles
— DIN 5256 D



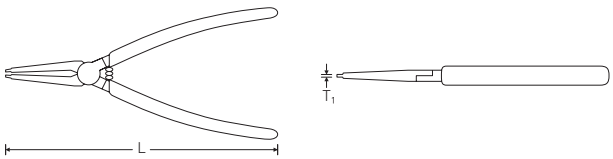
Product no.	Size	L mm	T_1 mm	for circlips mm	g
65444101	J01	130	0.9	8-13	90
65444111	J11	130	1.3	12-25	90
65444121	J21	170	1.8	19-60	135
65444131	J31	215	2.3	40-100	195
65444141	J41	290	3.2	85-140	416

6545



Circlip pliers for external circlips

— version with straight jaws
— suitable for gripping, inserting and removing external circlips on shafts or axles
— with cylindrical precision tips
— with closing spring
— drop-forged
— head and handles chrome-plated, chequered handles
— DIN 5254 A

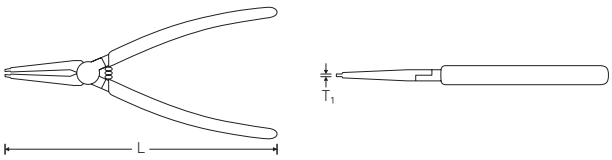


Product no.	Size	L mm	T_1 mm	for circlips mm	g
65454100	A0	140	0.9	3-10	95
65454101	A1	140	1.3	10-25	95
65454102	A2	180	1.8	19-60	145
65454103	A3	225	2.3	40-100	205
65454104	A4	300	3.2	85-140	437

6545



Circlip pliers for external circlips
- version with straight jaws
- suitable for gripping, inserting and removing external circlips on shafts or axles
- with cylindrical precision tips
- with closing spring
- drop-forged
- polished head
- plastic coated handles
- DIN 5256 D

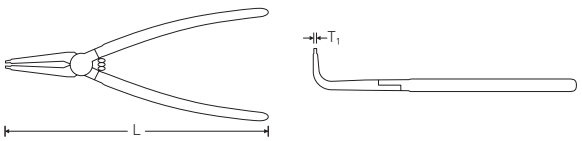


Product no.	Size	L mm	T_1 mm	for circlips mm	g
65456100	A0	140	0.9	3-10	105
65456101	A1	140	1.3	10-25	105
65456102	A2	180	1.8	19-60	160
65456103	A3	225	2.3	40-100	232
65456104	A4	300	3.2	85-140	491

6546

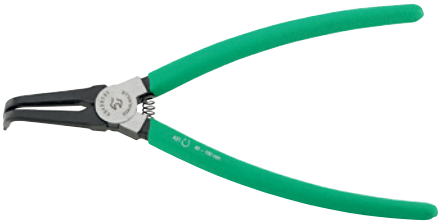


Circlip pliers for external circlips
- version with 90° angled jaws
- suitable for gripping, inserting and removing external circlips on shafts or axles
- with cylindrical precision tips
- with closing spring
- drop-forged
- head and handles chrome-plated, chequered handles
- DIN 5254 B

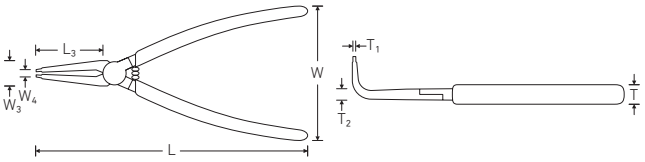


Product no.	Size	L mm	T_1 mm	for circlips mm	g
65464101	A01	125	0.9	3-10	95
65464111	A11	125	1.3	10-25	95
65464121	A21	170	1.8	19-60	145
65464131	A31	210	2.3	40-100	111
65464141	A41	275	3.2	85-140	431

6546



Circlip pliers for external circlips
- version with 90° angled jaws
- suitable for gripping, inserting and removing external circlips on shafts or axles
- with cylindrical precision tips
- with closing spring
- drop-forged
- polished head
- plastic coated handles
- DIN 5254 B



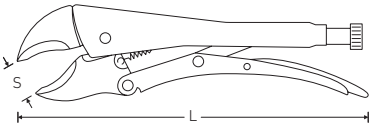
Product no.	Size	L mm	T_1 mm	for circlips mm	g
65466101	A01	125	0.9	3-10	105
65466111	A11	125	1.3	10-25	105
65466121	A21	170	1.8	19-60	160
65466131	A31	210	2.3	40-100	236
65466141	A41	275	3.2	85-140	468

SELF-GRIP WRENCHES.

6562



Parallel jaw self-grip wrench
- with parallel, forged jaws
- with quick-release lever
- head and handles high-gloss nickel-plated
- Chrome Alloy Steel



Product no.	L mm	S mm	g
65622250	250	50	700

6962

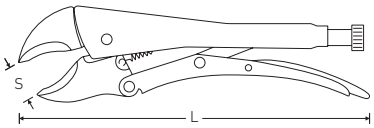
Plastic protective jaws for parallel jaw self-grip wrench
— for additional protection of the clamped workpieces
— 1 pair

Product no.	for model	L mm	g
69620001	6562	90	10

6563



Universal self-grip wrenches
— with forged jaws (straight and half-round)
— with quick-release lever
— head and handles high-gloss nickel-plated
— Chrome Alloy Steel

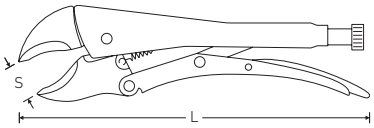


Product no.	L mm	S mm	g
65632175	175	25	365
65632250	250	30	500

6564



Self-grip wrenches
— with forged, half-round jaws
— with quick release levers and wire cutters
— head and handles high-gloss nickel-plated
— Chrome Alloy Steel

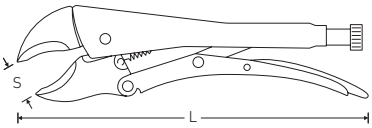


Product no.	L mm	S mm	g
65642145	145	14	175
65642175	175	30	323
65642250	250	40	550
65642300	300	65	977

6571



Long-nose self-grip wrench
— particularly suitable in narrow tapered areas
— with quick-release lever
— head and handles high-gloss nickel-plated
— Chrome Alloy Steel



Product no.	L mm	S mm	g
65712165	165	23	190

ELECTRONICS PLIERS.

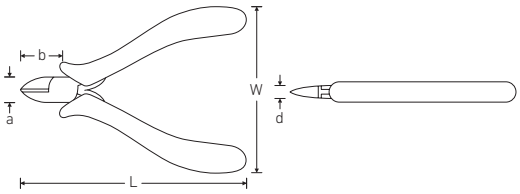
6707





2K

Electronics side cutters
— for demanding work in electronics/precision mechanics
— slim head design for use in confined work areas
— remarkable cutting performance: Ø 0.6 mm for hard wire and Ø 1.5 mm for soft wire
— long service life, no play, push-through joint
— with double leaf spring for smooth movement
— extended handle cover for better slip protection
— ergonomic thumb rest for optimal handling
— cutting edges induction hardened to approx. 62 HRC
— with 2-component handles
— DIN ISO 9654



Product no.	L mm	a mm	b mm	d mm	W mm	①	②	③	④	g
67076000	115	12	14	8	56	1.5	1	0.8	0.6	72

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

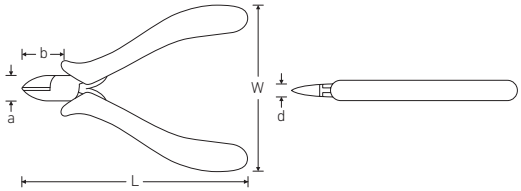
6708





Mini electronics side cutters

- for demanding work in electronics/precision mechanics
- compact version with slim head design for use in confined working areas
- long service life, no play, push-through joint
- with double leaf spring for smooth movement
- extended handle cover for better slip protection
- ergonomic thumb rest for optimal handling
- cutting edges induction hardened to approx. 62 HRC
- with 2-component handles
- DIN ISO 9654



Product no.	L mm	a mm	b mm	d mm	W mm	①	②	③	④	g
67086000	110	10	10	7	56	1.0	0.8	0.6	0.4	62

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

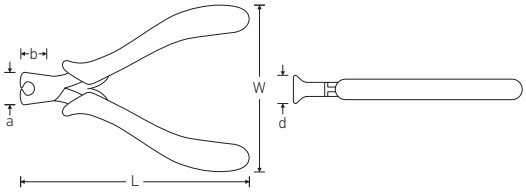
6709





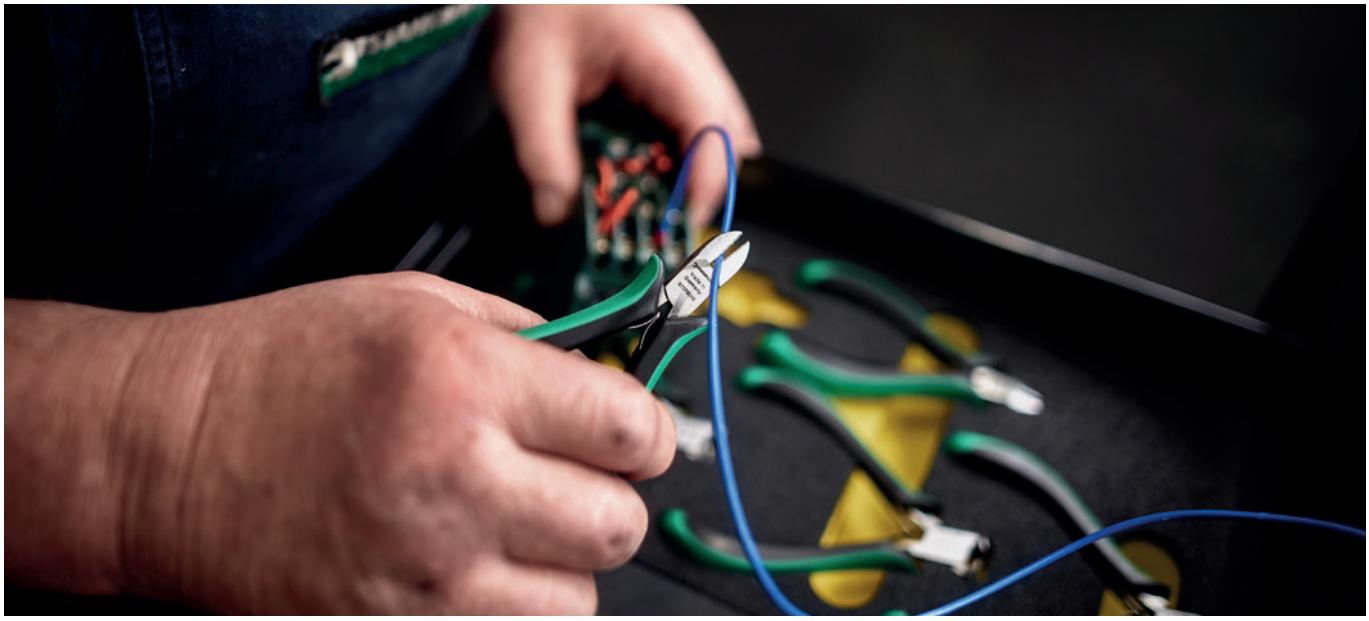
Electronics end cutters

- for demanding work in electronics/precision mechanics
- 90° rotated and side-angled cutting geometry
- slim head design for use in confined work areas
- long service life, no play, push-through joint
- with double leaf spring for smooth movement
- extended handle cover for better slip protection
- ergonomic thumb rest for optimal handling
- cutting edges induction hardened to approx. 62 HRC
- with 2-component handles
- DIN ISO 9654



Product no.	L mm	a mm	b mm	d mm	W mm	①	②	g
67096000	120	12	6	17	56	0.6	0.3	80

① Cutting capacity in mm for soft wire
② Cutting capacity in mm for medium-hard wire



6710

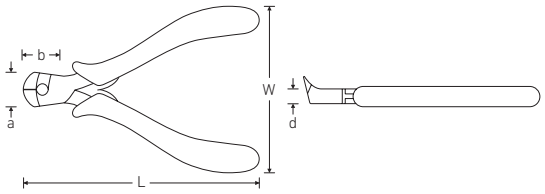




2K

Electronics diagonal cutters

— for demanding work in electronics/precision mechanics
— 90° rotated and side-angled cutting geometry
— slim head design for use in confined work areas
— long cutting edge, 20° angle
— long service life, no play, push-through joint
— with double leaf spring for smooth movement
— extended handle cover for better slip protection
— ergonomic thumb rest for optimal handling
— cutting edges induction hardened to approx. 62 HRC
— with 2-component handles
— DIN ISO 9654



Product no.	L mm	a mm	b mm	d mm	W mm	①	②	g
67106000	120	13	6	18	56	0.6	0.3	78

① Cutting capacity in mm for soft wire
② Cutting capacity in mm for medium-hard wire

6711

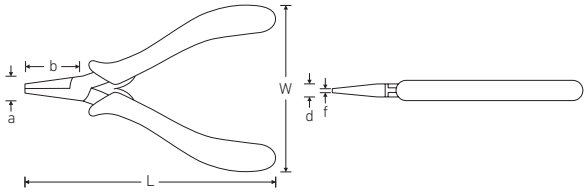




2K

Electronics needle-nose pliers

— for demanding work in electronics/precision mechanics
— for gripping, holding, and bending components
— with half-round jaws
— smooth grip areas
— long service life, no play, push-through joint
— with double leaf spring for smooth movement
— extended handle cover for better slip protection
— ergonomic thumb rest for optimal handling
— with 2-component handles
— DIN ISO 9655



Product no.	L mm	a mm	b mm	f mm	d mm	W mm	g
67116000	130	12	24	1.5	8	56	76

8



BOLT CUTTERS.

The LightCUT® versions (LC)

The flat-oval, high-strength aluminium tubes of the LightCUT® range ensure a low weight, around half that of a comparable tool. For fatigue-free working and precise results.

980LC

VBW



Bolt cutters LightCUT®

- flat-oval, sturdy aluminium tubes ensure low weight
- for cutting up to 48 HRC
- cutter head made of wear-resistant special steel, drop-forged
- precise and simple adjustment of the cutting heads using eccentric screws
- optimised geometry reduces the effort required for cutting
- limit stop with extra-large buffer zone
- high-quality hardened and tempered for excellent wear resistance
- with 2-component handles

Product no.	L mm	L "	19 HRC mm	40 HRC mm	48 HRC mm	g
87980050	800	32	10	8	7	2650

98013

VBW



Cutter head with screws

- for bolt cutters LightCUT®

Product no.	for model	L mm	19 HRC mm	40 HRC mm	48 HRC mm	g
87980136	980050	147	9	8	7	892

984LC

VBW



Offset bolt cutters LightCUT®

- flat-oval, sturdy aluminium tubes ensure low weight
- allows precise cutting down to the outer corners and close to edges
- for cutting up to 48 HRC
- cutter head made of wear-resistant special steel, drop-forged
- optimised geometry reduces the effort required for cutting
- limit stop with extra-large buffer zone
- high-quality, hardened and tempered for excellent wear resistance
- with 2-component handles

Product no.	L mm	L "	19 HRC mm	40 HRC mm	48 HRC mm	g
87984050	850	32	11	9	8	2900

434135

VBW



Cutter head with screws

- for bolt cutters/corner deep cutters

Product no.	for model	L mm	19 HRC mm	40 HRC mm	48 HRC mm	g
87434135	984050	140	11	9	8	1105

438LC

VBW



Flush cut bolt cutters 30° LightCUT®

- flat-oval, sturdy aluminium tubes ensure low weight
- angled blades, adjustable cutter head for flush cutting of tensioning wires on concrete structures and for gabion wire baskets
- for cutting up to 48 HRC
- cutter head made of wear-resistant special steel, drop-forged
- limit stop with extra-large buffer zone
- high-quality, hardened and tempered for excellent wear resistance
- with 2-component handles

Product no.	L mm	L "	19 HRC mm	40 HRC mm	48 HRC mm	°	g
87438050	810	32	10	8	7	30	2285

43713

VBW



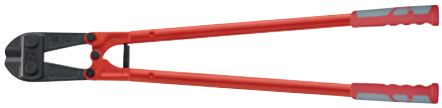
Cutter head with screws

— for flush cut bolt cutters

Product no.	for model	L mm	19 HRC mm	40 HRC mm	48 HRC mm	g
87437133	438050	150	9	8	7	995

430

VBW



Bolt cutters UNIBOLT®

— professional version for continuous use
— for cutting up to 48 HRC
— cutter head made of wear-resistant special steel, drop-forged
— precise and simple adjustment of the cutter head using eccentric screws
— optimised geometry reduces the effort required for cutting
— limit stop with extra-large buffer zone
— high-quality, hardened and tempered for excellent wear resistance
— with 2-component handles

Product no.	L mm	L "	19 HRC mm	40 HRC mm	48 HRC mm	g
87430005	460	18	8	6	5	2050
87430010	610	24	9	8	7	2816
87430015	760	30	11	9	8	4328
87430020	910	36	13	11	9	6730
87430025	1070	42	16	11	10	8410

4301

VBW



Cutter heads with screws

— for bolt cutters UNIBOLT®

Product no.	for model	L mm	19 HRC mm	40 HRC mm	48 HRC mm	g
87430136	430005	130	8	6	5	600
87430137	430010	150	9	8	7	910
87430138	430015	170	11	9	8	1425
87430139	430020	190	13	10	9	2025
87430140	430025	240	16	11	10	2835

445

VBW



Bolt end cutters

— the angled cutter head makes it particularly suitable for flush cutting
— for cutting up to 40 HRC
— cutter head made of wear-resistant special steel, drop-forged
— precise and simple adjustment of the cutter head using eccentric screws
— limit stop with extra-large buffer zone
— high-quality, hardened and tempered for excellent wear resistance
— blade width 28 mm
— for reinforcing steel III + IV in accordance with DIN 488 - strength approx. 550 N/mm²
— for prestressing steel and hardened and tempered steel wire up to 1,226 N/mm² (HRC 40)
— with 2-component handles

Product no.	L mm	L "	19 HRC mm	40 HRC mm	g
87445010	630	24.8	8	6	2985

445135

VBW



Cutter head with screws

— for bolt end cutters

Product no.	for model	L mm	19 HRC mm	40 HRC mm	g
87445135	445010	150	8	6	1030

980

VBW



Bolt cutters WAGGONIT®

— for cutting up to 48 HRC
— cutter head made of wear-resistant special steel, drop-forged
— precise and simple adjustment of the cutter head using eccentric screws
— optimised geometry reduces the effort required for cutting
— limit stop with extra-large buffer zone
— high-quality, hardened and tempered for excellent wear resistance
— with 2-component handles

Product no.	L mm	L "	19 HRC mm	40 HRC mm	48 HRC mm	g
87980005	460	18	8	6	5	2013
87980010	610	24	9	8	7	2800
87980015	760	30	11	9	8	4287
87980020	910	36	13	11	9	6438

98013



Cutter heads with screws

— for bolt cutters WAGGONIT®

Product no.	for model	L mm	19 HRC mm	40 HRC mm	48 HRC mm	g
87980135	980005	129	8	6	5	601
87980136	980050	147	9	8	7	892
87980137	980015	170	11	9	8	1387
87980138	980020	197	13	10	9	1979

437



2K

Flush cut bolt cutters

— angled blades, adjustable cutter head for flush cutting of tensioning wires on concrete structures and for gabion wire baskets
— for cutting up to 48 HRC
— precise and simple adjustment of the cutter head using eccentric screws
— cutter head made of wear-resistant special steel, drop-forged
— limit stop with extra-large buffer zone
— high-quality, hardened and tempered for excellent wear resistance
— with 2-component handles

Product no.	L mm	L "	19 HRC mm	40 HRC mm	48 HRC mm	∠°	g
87437002	460	18	8	6	5	40	1905
87437005	610	24	9	8	7	30	2830

43713



Cutter heads with screws

— for flush cut bolt cutters

Product no.	for model	L mm	19 HRC mm	40 HRC mm	48 HRC mm	g
87437131	437002	125	8	6	5	500
87437133	437005	150	9	8	7	995

433



Compact bolt cutters CombiCUT®

— compact version for particularly good accessibility
— suitable for cutting applications with low cutting force requirements
— for cutting up to 48 HRC
— cutter head made of wear-resistant special steel, drop-forged
— no blade adjustment required
— limit stop with extra-large buffer zone
— high-quality, hardened and tempered for excellent wear resistance
— with 1-component handles

Product no.	L mm	L "	19 HRC mm	40 HRC mm	48 HRC mm	g
87433020	390	14	7	5	4	1370

433125



Cutter head with pins and circlips

— for bolt cutters CombiCUT®

Product no.	for model	L mm	19 HRC mm	40 HRC mm	48 HRC mm	g
87433125	433020	110	7	5	4	400

433



Bolt end cutters CombiCUT®, compact

— compact version for particularly good accessibility
— angled cutter head makes it particularly suitable for flush cutting
— for cutting up to 48 HRC
— cutter head made of wear-resistant special steel, drop-forged
— no blade adjustment required
— limit stop with extra-large buffer zone
— high-quality, hardened and tempered for excellent wear resistance
— with 1-component handles

Product no.	L mm	L "	19 HRC mm	40 HRC mm	48 HRC mm	g
87433040	365	13	7	5	4	1390

433145



Cutter head with pins and circlips
— for bolt end cutters CombiCUT®

Product no.	for model	L mm	19 HRC mm	40 HRC mm	48 HRC mm	g
87433145	433040	96	7	5	4	410

SolutionCUT

The special geometry of this bolt cutter enables precise and clean cutting not only in the second layer, but also in deeper layers - for effortless and precise working even in hard-to-reach areas.

434



Bolt cutters/corner deep cutters SolutionCUT
— 20° cutting angle facilitates cutting in corners and close to the edge
— for cutting power up to 48 HRC
— cutter head made of wear-resistant special steel, drop-forged
— precise and simple adjustment of the cutter head using eccentric screws
— reduced cutting force required due to optimal geometry enabling precise cutting in the 1st and 2nd layers
— limit stop with extra-large buffer zone
— high-quality, hardened and tempered for excellent wear resistance
— with 2-component handles

Product no.	L mm	L "	19 HRC mm	40 HRC mm	48 HRC mm	∠	Working length mm	g
87434025	1000	40	11	9	8	20	230	5400

434135



Cutter head with screws
— for bolt cutters/corner deep cutters

Product no.	for model	L mm	19 HRC mm	40 HRC mm	48 HRC mm	g
87434135	434025	140	11	9	8	1105

434 E8

Adjusting screw
— for bolt cutters/corner deep cutters and structural steel mesh cutters

Product no.	for model	g
87434081	434025	69

439



Bolt cutters with interchangeable cutter head
— long service life thanks to two-sided replaceable cutter head
— for cutting up to 40 HRC
— cutter head made of wear-resistant special steel, drop-forged
— with adjustable cutters
— limit stop with extra-large buffer zone
— high-quality, hardened and tempered for excellent wear resistance
— with 2-component handles

Product no.	L mm	L "	19 HRC mm	40 HRC mm	g
87439005	460	18	7	6	1945
87439010	610	24	9	8	3145
87439015	760	30	11	9	4280
87439020	910	36	13	13	7530

43913



Cutter heads with screws
— for bolt cutters with interchangeable cutter head

Product no.	for model	L mm	19 HRC mm	40 HRC mm	g
87439131	439005	125	7	6	708
87439132	439010	147	9	8	1116
87439133	439015	170	11	9	1814
87439134	439020	190	13	13	2541



STRUCTURAL STEEL MESH CUTTERS.

435LC



Structural steel mesh cutters LightCUT®
- flat-oval, sturdy aluminium tubes ensure low weight
- suitable for easy cutting of flat-lying structural steels
- for cutting up to 48 HRC
- cutter head made of wear-resistant special steel, drop-forged
- with adjustable cutters
- optimised geometry reduces the effort required for cutting
- with small opening angle
- limit stop with extra-large buffer zone
- high-quality, hardened and tempered for excellent wear resistance
- with 2-component handles

Product no.	L mm	L "	19 HRC mm	40 HRC mm	2 x 40 HRC mm	48 HRC mm	g
87435005	800	32	11	9	8	5	2650
87435010	1000	40	11	9	8	6	2924

435133



Cutter head with screws
- for structural steel mesh cutters LightCUT®

Product no.	for model	L mm	19 HRC mm	40 HRC mm	2 x 40 HRC mm	48 HRC mm	g
87435133	435030; 435005; 435010	122	11	9	8	6	920



985



Structural steel mesh cutters WAGGONIT®
- suitable for easy cutting of flat-lying structural steels
- for cutting up to 48 HRC
- cutter head made of wear-resistant special steel, drop-forged
- with adjustable cutters
- optimised geometry reduces the effort required for cutting
- limit stop with extra-large buffer zone
- high-quality, hardened and tempered for excellent wear resistance
- with 2-component handles

Product no.	L mm	L "	19 HRC mm	40 HRC mm	2 x 40 HRC mm	48 HRC mm	g
87985010	950	38	11	9	8	6	2650

985135



Cutter head with screws
- for structural steel mesh cutters WAGGONIT®

Product no.	for model	L mm	19 HRC mm	40 HRC mm	2 x 40 HRC mm	48 HRC mm	g
87985135	985010	148	11	9	8	6	1000

980082

Adjusting screw
- including 2 nuts

Product no.	for model	g
87980082	985010	20

700



Floor display for bolt cutters
- presentation stand for showrooms
- with space for 6 bolt cutters and structural steel mesh cutters
- can be displayed in any configuration

Product no.	L mm	H mm	W mm	g
87700050	270	455	500	9500

996

VBW



Structural steel mesh cutters BauCUT®
— suitable for easy cutting of flat-lying structural steels
— for cutting up to 40 HRC
— cutter head made of wear-resistant special steel, drop-forged
— with adjustable cutters
— optimised geometry reduces the effort required for cutting
— limit stop with extra-large buffer zone
— high-quality, hardened and tempered for excellent wear resistance
— with 1-component handles

Product no.	L mm	L "	19 HRC mm	40 HRC mm	2 x 40 HRC mm	g
87996010	950	38	11	9	8	3780

996135

VBW

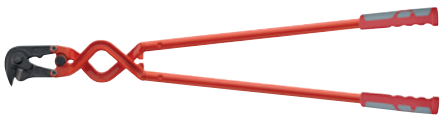


Cutter head with screws
— for structural steel mesh cutters BauCUT®

Product no.	for model	L mm	19 HRC mm	40 HRC mm	2 x 40 HRC mm	g
87996135	996010	150	11	9	8	900

436

VBW



Structural steel mesh cutters, deep cutters SolutionCUT
— optimised geometry reduces the effort required for cutting on the 1st and 2nd layers
— for cutting up to 48 HRC
— cutter head made of special steel, drop-forged
— with adjustable cutters
— limit stop with buffer zone
— high-quality, hardened and tempered for excellent wear resistance
— with 2-component handles

Product no.	L mm	L "	19 HRC mm	40 HRC mm	2 x 40 HRC mm	48 HRC mm	g
87436010	1000	40	11	9	8	6	5400

436132

VBW



Cutter head with screws
— for structural steel mesh cutters, deep-reach

Product no.	for model	L mm	19 HRC mm	40 HRC mm	2 x 40 HRC mm	48 HRC mm	g
87436132	436010	150	11	9	8	6	950

434 E8

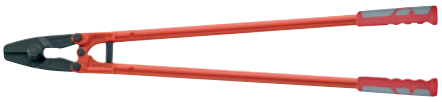
VBW

Adjusting screw
— for bolt cutters/corner deep cutters and structural steel mesh cutters

Product no.	for model	g
87434081	436010	69

480

VBW



Grating and flat material cutters EuroCUT®
— suitable for cutting both flat and round materials
— for cutting up to 30 HRC
— from mesh size 30 x 30 mm
— cutter head made of wear-resistant special steel, drop-forged
— limit stop with extra-large buffer zone
— high-quality, hardened and tempered for excellent wear resistance
— with 2-component handles

Product no.	L mm	L "	30 HRC mm	g
87480010	840	33	4 x 40	3188

480133

VBW



Cutter head with screws
— for grating and flat material cutters No. 480
— made of wear-resistant special steel

Contains 7-pieces:
1 x cutter head
3 x eccentric screws
3 x nuts

Product no.	for model	30 HRC mm	g
87480133	480010	4 x 40	3188

8

980 BO/MA universell

VBW



Cutter head fastener set

— for attaching the cutter head to the frame

Contains 14-pieces:

screws 3 x M8; 1 x M10; eccentric screws 2 x M8; 2 x M10; nuts 3 x M8; 3 x M10

Product no.	for model	Content pcs.	g
87980100	430; 434; 435; 436; 980; 984; 985; 996	14	305

PLIER SETS IN TCS INLAYS.

TCS 6543-6564/3



Plier set

— safely integrated in the modular Tool Control System (TCS)

Contains 3-pieces:

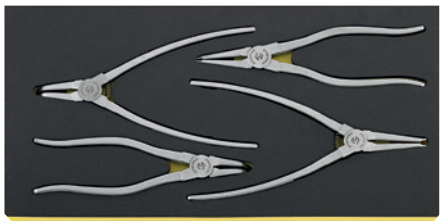
1 circlip pliers for internal circlips **No. 6543**: J2

1 circlip pliers for external circlips **No. 6545**: A2

1 self grip wrench **No. 6564**: L. 250 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96838180	350	175	30	1/3	3	975

TCS 6543-6546/4



Circlip plier set

— safely integrated in the modular Tool Control System (TCS)

Contains 4-pieces:

2 circlip pliers for internal circlips **No. 6543, 6544**: J2; J21

2 circlip pliers for external circlips **No. 6545, 6546**: A2; A21

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96830608	350	175	30	1/3	4	626

TCS 6534-6545/6



Plier set

— safely integrated in the modular Tool Control System (TCS)

Contains 6-pieces:

1 telephone pliers **No. 6730**: L. 200 mm

1 telephone pliers **No. 6731**: L. 200 mm

2 circlip pliers for internal circlips **No. 6543**: J1; J2

2 circlip pliers for external circlips **No. 6545**: A1; A2

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96832100	350	350	30	2/3	6	1070

TCS 10 821/4



Circlip plier set

— safely integrated in the modular Tool Control System (TCS)

Contains 4-pieces:

2 circlip pliers for internal circlips **No. 6543, 6544**: J2; J21

2 circlip pliers for external circlips **No. 6545, 6546**: A2; A21

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96830273	350	175	30	1/3	4	790

TCS 6572-6730/4



Plier set
— safely integrated in the modular Tool Control System (TCS)
Contains 4-pieces:
1 combination pliers **No. 6700**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 water pump pliers **No. 6572**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96830622	350	175	35	1/3	4	1145

TCS 3 821/4



Plier set
— safely integrated in the modular Tool Control System (TCS)
Contains 4-pieces:
1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 combination pliers **No. 6700**: L. 180 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96830266	350	175	40	1/3	4	1410

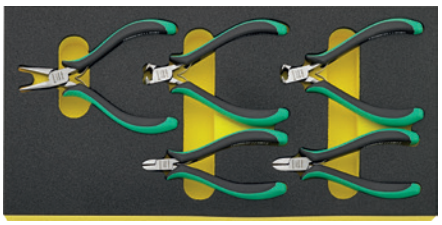
TCS 6551-6730/4



Plier set
— safely integrated in the modular Tool Control System (TCS)
Contains 4-pieces:
1 combination pliers **No. 6700**: L. 180 mm
1 telephone pliers **No. 6730**: L. 200 mm
1 water pump pliers **No. 6551**: L. 240 mm
1 heavy-duty side cutters **No. 6721**: L. 160 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96838179	350	175	35	1/3	4	1070

TCS 6707-6711



Electronics plier set
— safely integrated in the modular Tool Control System (TCS)
Contains 5-pieces:
1 electronics side cutters **No. 6707**: L. 115 mm
1 mini electronics side cutters **No. 6708**: L. 115 mm
1 electronics end cutters **No. 6709**: L. 120 mm
1 electronics diagonal cutters **No. 6710**: L. 120 mm
1 electronics needle-nose pliers **No. 6711**: L. 130 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96838798	350	175	45	1/3	5	480




STAHLWILLE

9 Pullers



426 **Pullers with parallel extractor hooks**

427 **Pullers with swivelling extractor hooks**

429 **Internal pullers, slide hammers and counter stays**

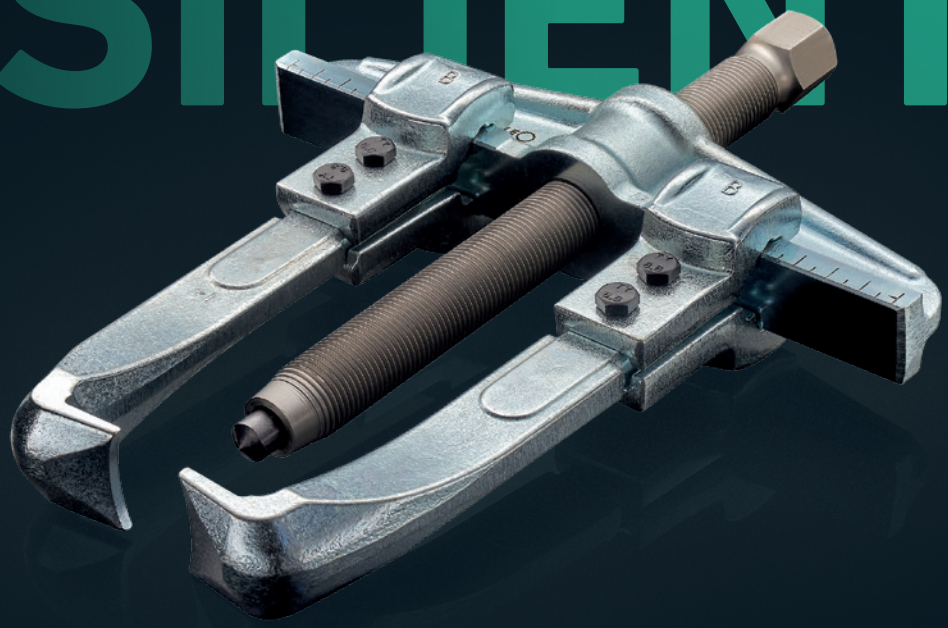
431 **Separation assemblies**

431 **Pullers**

STAHLWILLE PULLERS –
For special requirements.

Well-designed, drop-forged and precisely machined on state-of-the-art machines: The STAHLWILLE puller range includes numerous products for different applications such as external pulling, internal pulling and separating of fixed components of all kinds. The range offers the perfect solution for every challenge and impresses with premium quality.

RESILIENT



Powerful.

Heavy-duty cross members and puller hooks made of oil-hardened Chrome Alloy Steel. Drop-forged.

More stable.

High flexural strength thanks to cross members with precisely calculated profiles and milled, smooth guiderails.

Two- or three-armed.

STAHLWILLE also offers three-armed pullers that allow even more even load distribution in suitable space conditions.



Universal.

Two-arm pullers with parallel puller hooks are ideal for removing bearings, gears and washers that are mounted on a shaft and are freely accessible from an external source.

Precise.

Spindles with freely rotating spindle tips ensure gentle and optimal force transmission to the shafts.

Smooth running.

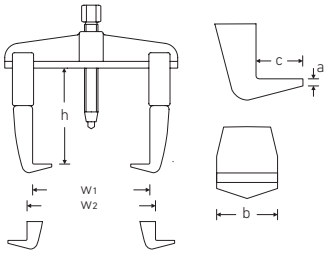
The special coating on the threaded spindles enables smooth rotation for controlled loosening of the components.

PULLERS WITH PARALLEL EXTRACTOR HOOKS.

11200



Pullers
- two-armed
- with sliding, constantly parallel extractor hooks
- for gears, ball bearings, pulleys and similar parts from a shaft or axle
- for ball bearings, ball bearing outer races and sockets out of drilled holes
- reversible arms for use as external and internal pullers
- adjustment scale for uniform adjustment of the extractor hooks
- nitrided spindle, no lubrication required, maintenance-free
- sturdy design, zinc plated

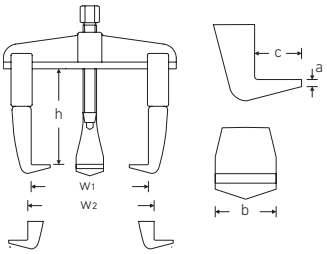


Product no.	⬢ mm	W1 mm	W2 mm	h mm	a mm	b mm	c mm	Thread	max. t	g
71020001	17	90	140	100	3	22	12	M14 x 1,5 x 140	3	1014
71020002	17	130	180	100	3	22	12	M14 x 1,5 x 140	3	1136
71020003	22	160	220	150	4	30	18	G 1/2 x 210	5	2931
71020004	22	200	260	150	4	30	18	G 1/2 x 210	5	3322
71020005	27	250	330	200	7	36	28	G 3/4 x 280	7.5	6969
71020006	27	350	420	200	7	36	28	G 3/4 x 280	7.5	8042

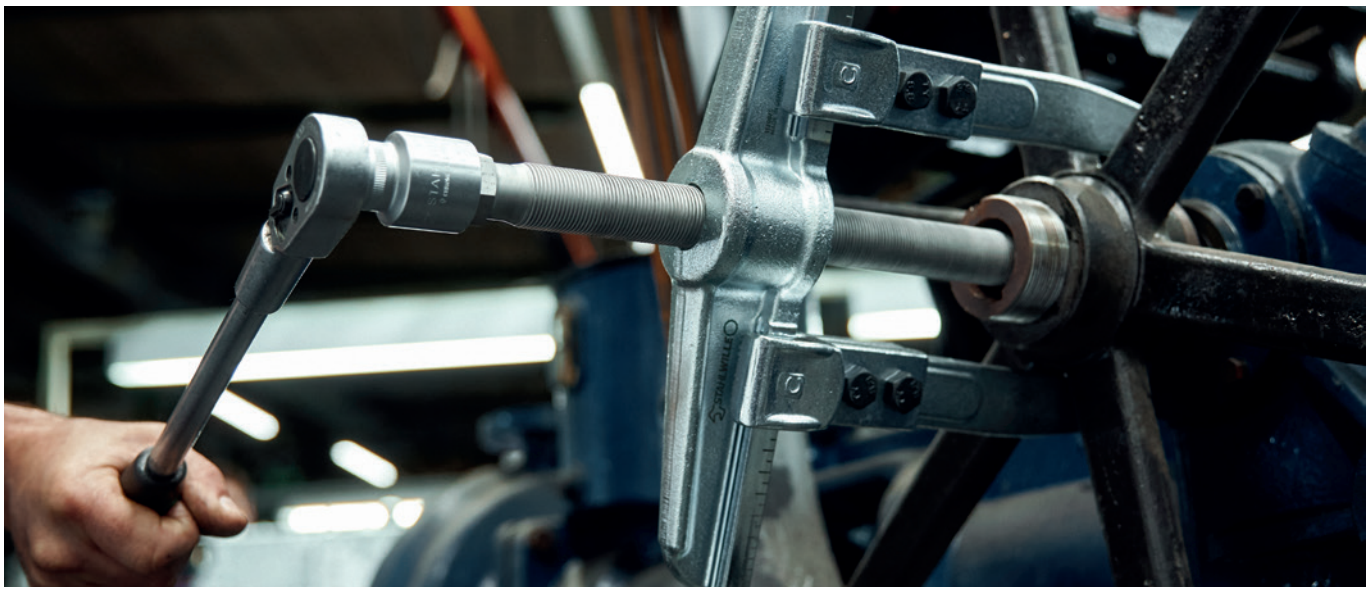
11300



Pullers
- three-armed
- with sliding, constantly parallel extractor hooks
- for gears, ball bearings, pulleys and similar parts from a shaft or axle
- for ball bearings, ball bearing outer races and sockets out of drilled holes
- reversible arms for use as external and internal pullers
- nitrided spindle, no lubrication required, maintenance-free
- sturdy design, zinc plated



Product no.	⬢ mm	W1 mm	W2 mm	h mm	a mm	b mm	c mm	Thread	max. t	g
71030001	17	90	140	100	3	22	12	M14 x 1,5 x 140	3	1400
71030002	17	130	180	100	3	22	12	M14 x 1,5 x 140	3	1600
71030003	22	160	220	150	4	30	18	G 1/2 x 210	5	3600
71030004	22	200	260	150	4	30	18	G 1/2 x 210	5	4200
71030005	27	250	400	200	7	36	28	G 3/4 x 280	7.5	9300

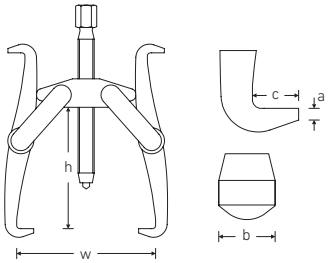


PULLERS WITH SWIVELLING EXTRACTOR HOOKS.

11251



Pullers
- — two-armed
- — with self-centring puller arms
- — for gears, ball bearings, pulleys and similar parts from a shaft or axle
- — double-sided use of the extractor hooks: narrow arm end (20 mm) for narrow installation spaces, wide arm end (24 mm) with slot (8 mm) for pulling off washers or gear wheels with the aid of 8 mm screws
- — nitrided spindle, no lubrication required, maintenance-free
- — zinc plated

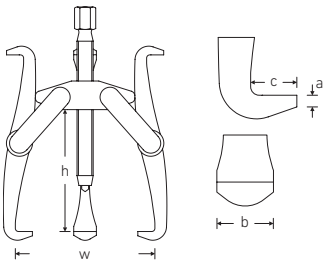


Product no.	⬢ mm	w max. mm	h mm	a mm	b mm	c mm	Thread	max. t	g
71025101	19	160	130	3	24	12	M18 x 1,5 x 170	5	2000
71025102	19	220	170	3	24	12	M18 x 1,5 x 170	5	2300

11351



Pullers
- — three-armed
- — with self-centring puller arms
- — for gears, ball bearings, pulleys and similar parts from a shaft or axle
- — double-sided use of the extractor hooks: narrow arm end (20 mm) for narrow installation spaces, wide arm end (24 mm) with slot (8 mm) for pulling off washers or gear wheels with the aid of 8 mm screws
- — nitrided spindle, no lubrication required, maintenance-free
- — zinc plated



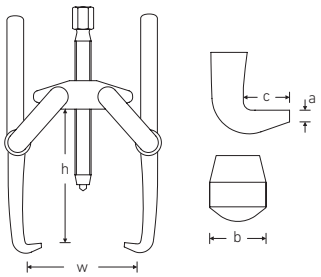
Product no.	⬢ mm	w max. mm	h mm	a mm	b mm	c mm	Thread	max. t	g
71035101	19	160	130	3	24	12	M18 x 1,5 x 170	7.5	2600
71035102	19	220	170	3	24	12	M18 x 1,5 x 170	7.5	3200

TOOLS THAT
... inspire

11250



Pullers
- two-armed
- with swivelling extractor hooks
- extractor hooks and beam are connected by movable tabs
- for V-belt pulleys and flywheels on long shafts
- when the spindle is tightened, the extractor hooks are tensioned and tighten
- variable clamping depth possible by adjusting the extractor hooks
- nitrided spindle, no lubrication required, maintenance-free
- zinc plated

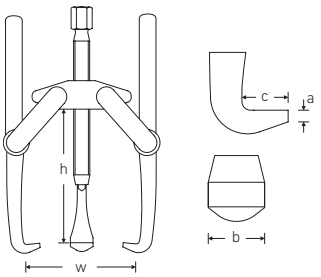


Product no.	⬣ mm	w max. mm	h mm	Thread	max. t	g
71025001	22	280	390	G 1/2 x 250	8	4983
71025002	22	420	480	G 1/2 x 350	8	5894

11210



Pullers
- three-armed
- with swivelling extractor hooks
- extractor hooks and beam are connected by movable tabs
- for V-belt pulleys and flywheels on long shafts
- when the spindle is tightened, the extractor hooks are tensioned and tighten
- variable clamping depth possible by adjusting the extractor hooks
- nitrided spindle, no lubrication required, maintenance-free
- zinc plated



Product no.	⬣ mm	w max. mm	h mm	Thread	max. t	g
71035001	22	280	390	G 1/2 x 250	12	7700
71035002	22	420	480	G 1/2 x 350	12	8900

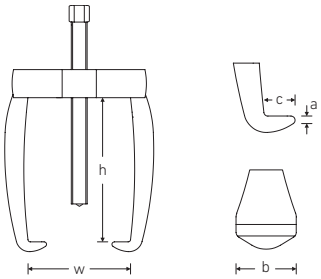


11040



Battery terminal pullers

— two-armed, with a self-centring quick-action clamp and automatic feed
— for battery terminal clamps, smaller ball bearings, pulleys etc.
— for narrow, hard-to-reach spaces
— as force is applied through the spindle, the extractor hooks automatically apply increasing force to the part being extracted
— particularly suited to car electrics, compressed air system repairs and similar applications due to the compact design and small hooks
— zinc plated



Product no.	⬢ mm	w max. mm	h mm	a mm	b mm	c mm	Thread	max. t	max. torque N·m	g
71120011	12	10-60	45	2,5	11	11	M10 x 110	2,5	25	245
71120012	12	10-70	65	2,5	11	11	M10 x 110	3,0	35	261
71120013	12	10-100	80	2,5	11	11	M10 x 110	3,5	45	315

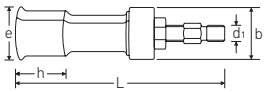
INTERNAL PULLERS, SLIDE HAMMERS AND COUNTER STAYS.

11400



Internal pullers

— for very tight ball bearings, ball bearing outer races and bushings that are not freely accessible from the outside
— removal is carried out by inserting the internal puller into the bearing and screwing in the spindle
— the expanding jaws spread and the lugs locate under the bearing
— can be used with slide hammers 11402/1-2 or counter stays 11401/1-3



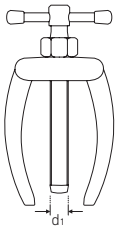
Product no.	Model	Ball bearing ISO	⬢ mm	d_1 mm	b mm	e min./max. mm	L mm	h mm	g
71040001	11400/1	6000	10	M10	26	8-12	105	26	114
71040002	11400/2	6001; 6201; 6202	10	M10	26	12-15	109	26	119
71040003	11400/3	6202; 6203	13	M10	28	15-19	120	28	149
71040004	11400/4	6204; 6205	13	M10	28	19-25	123	28	182
71040005	11400/4a	6205; 6206	13	M10	28	25-30	123	28	297
71040006	11400/5	6206; 6207	13	M10	35	30-35	135	35	384
71040007	11400/6	6207; 6208; 6209	17	M14 x 1,5	42	35-45	170	42	649
71040008	11400/7	6209; 6210; 6211	17	M14 x 1,5	42	45-55	170	42	818
71040009	11400/8	6211; 6212; 6213; 6214	19	M14 x 1,5	55	55-70	205	55	1693
71040014	11400/9	6214	19	M14 x 1,5	55	70-100	205	55	1693

11401



Counter stays

— for internal puller 11400/1-9
— screw the spindle of the counter stay into the internal puller
— insert and spread the internal puller
— pull out the workpiece



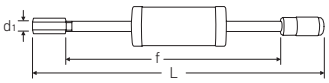
Product no.	⬢ mm	for model	d_1 mm	⚖ g
71040101	27	11400/1; /2; /3; /4; /4a; /5	M10	750
71040102	32	11400/6; /7	M14 x 1,5	1650
71040103	32	11400/8; /9	M14 x 1,5	3000

11402



Slide hammers

— for ball bearings, for example, when the counter stay cannot be used for access reasons
— for internal pullers 11400/1-9



Product no.	⬢ mm	for model	d_1 mm	f mm	L mm	⚖ g
71040201	13	11400/1; 11400/2; 11400/3; 11400/4; 11400/4a; 11400/5	M10	200	280	979
71040202	24	11400/6; 11400/7; 11400/8; 11400/9	M14 x 1,5	340	515	2923



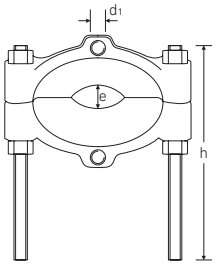
SEPARATION ASSEMBLIES.

11500



Separation assemblies

— for pullers 11501/1-4
— for separating and removing ball bearings, roller bearings, bushings, wheels and other tightly fitting parts
— the puller pins of the puller are screwed into the separation assembly
— seperator jaws slide under the component to be removed
— zinc plated



Product no.	Model	Ball bearing ISO	d_1 mm	e min./max. mm	g
71050016	11500/1	6000; 6001; 6201; 6202; 6203; 6204; 6205	M10	5-60	500
71050017	11500/2	6000; 6001; 6201; 6202; 6203; 6204; 6205; 6206; 6207	M10	12-74	900
71050018	11500/3	6000; 6001; 6201; 6202; 6203; 6204; 6205; 6206; 6207; 6208; 6209; 6210; 6211; 6212	M14 x 1,5	22-115	2400
71050019	11500/4	6201; 6202; 6203; 6204; 6205; 6206; 6207; 6208; 6209; 6210; 6211; 6212; 6213; 6214	M18 x 1,5	30-155	4700

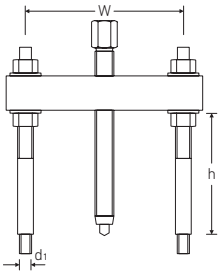
PULLERS.

11501



Pullers

— for the separation assemblies 11500/1-4
— for pulling, the puller pins are screwed into the separation assembly
— clamping depth can be increased using extension 11502/1-4
— zinc plated



Product no.	⬢ mm	for model	d_1 mm	w mm	h mm	Thread	g
71050101	17	11500/1	M10	40-120	125	M14 x 120	1000
71050102	19	11500/2	M10	60-165	180	M18 x 170	1100
71050103	22	11500/3	M14 x 1,5	70-215	195	G 1/2 x 210	3400
71050104	27	11500/4	M18 x 1,5	90-300	205	G 3/4 x 280	6500

11502



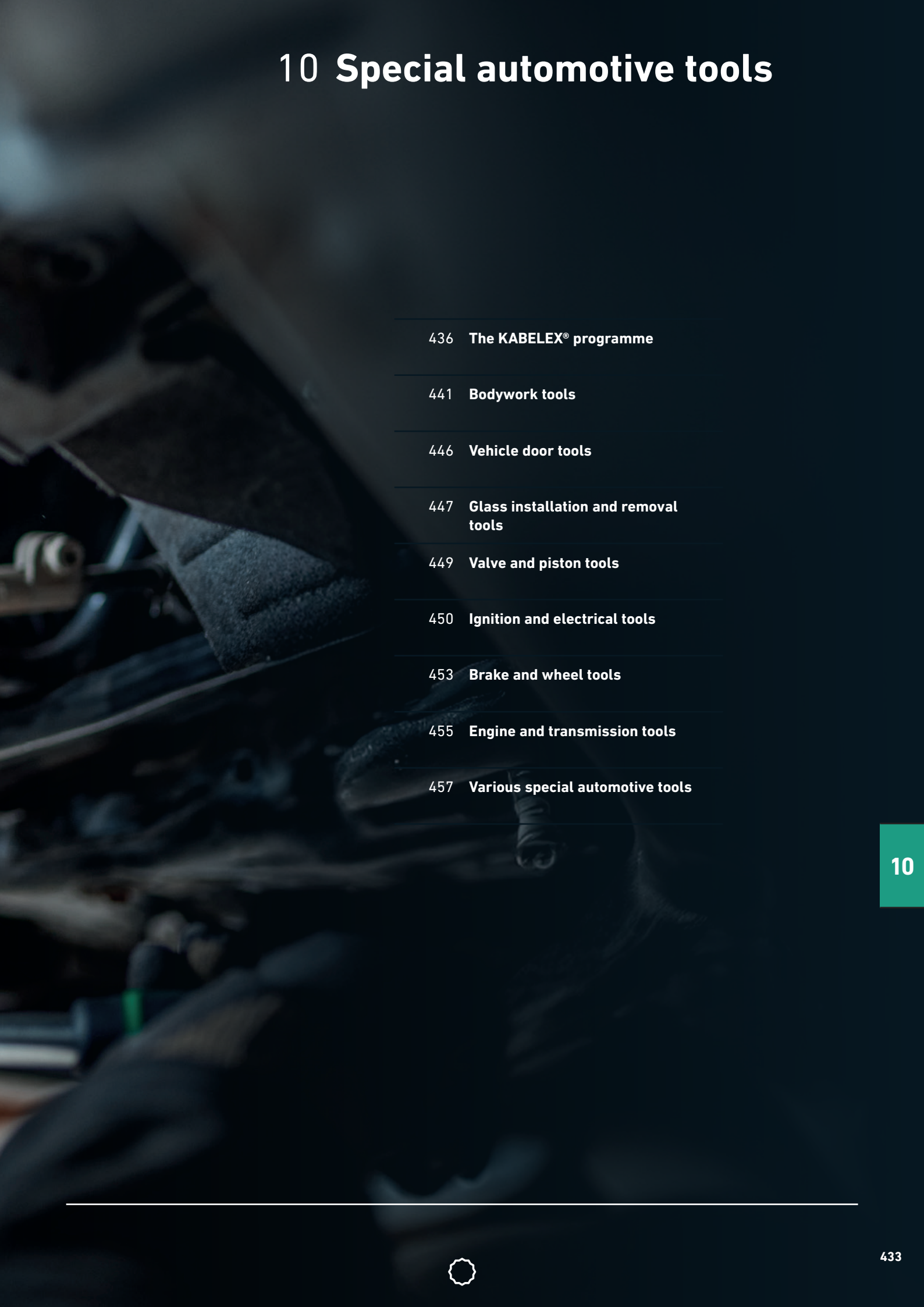
Extensions

— for use on longer parts for extending the extraction bolts on the puller

Product no.	for model	d_1 mm	L mm	g
71050201	11501/1; /2	M10	100	300
71050202	11501/3	M14 x 1,5	100	300
71050203	11501/4	M18 x 1,5	100	700



10 Special automotive tools



436 **The KABELEX® programme**

441 **Bodywork tools**

446 **Vehicle door tools**

447 **Glass installation and removal tools**

449 **Valve and piston tools**

450 **Ignition and electrical tools**

453 **Brake and wheel tools**

455 **Engine and transmission tools**

457 **Various special automotive tools**

STAHLWILLE SPECIAL AUTOMOTIVE TOOLS –
Always the right solution at hand.

STAHLWILLE's product portfolio also includes special automotive tools to make vehicle repairs easier and safer. With its knowledge of the diverse challenges in daily work life, STAHLWILLE offers various special solutions that facilitate efficient work as well as the damage-free installation and removal of vehicle parts.

EFFICIENT



Resilient.

High-quality sockets manufactured with High Performance Quality (HPQ®) steel are extremely resilient, yet thin-walled and ideal for working in tight spaces.

Versatile.

The vehicle test lamp is an indispensable aid for identifying the causes of faults in the vehicle electrical system, for quickly finding power interruptions, defective fuses, bulbs and much more. With test probe, flexible cable and crocodile clip.

Robust.

The gasket scraper is made with a special steel blade and is ideal for removing gasket and adhesive residues on the cylinder head, cylinder head cover and oil pan.



Individual.

With the KABELEX® programme, STAHLWILLE offers a whole range of different tools for quick and safe release of electrical connectors – without 'snipping off'. This saves time and money. Available individually or in sets.

Efficient.

Tool assortments from STAHLWILLE guarantee optimal and efficient work processes. Whether in the workshop, in production or on the race track – mechanics and technicians appreciate the advantages of STAHLWILLE special automotive tools.

Special.

In cooperation with leading automotive manufacturers, STAHLWILLE also develops tool ranges for workshops and production. These can be found in the catalogue chapter 'Tool assortments'.

THE KABELEX® PROGRAMME.



STAHLWILLE KABELEX® Protect
for workshops and cable assemblers

Over 30 different unlocking tools available. With locking blade guard, to protect the fine blades and prevent injuries. Particularly handy for precision work on delicate connectors. For quick and easy release of cable connections - saving time and money. Blades made from strong and extremely durable Chrome Alloy Steel and special spring steel.

1501-1506



Ejection tools KABELEX®
— for round plug-in sockets with notches
— complete with sleeve

Product no.	Model	for contact size ∅ mm	g
96746230	1501 + 1511	1.5	45
96746231	1502 + 1512	3.5	59
96746232	1503 + 1513	4.0	79
96746233	1504 + 1514	2.5	60
96746234	1505 + 1515	2.3	46
96746235	1506 + 1516	4.0	72

1511-1516



Dismantling sleeves KABELEX®

Product no.	Model	for model	for contact size ∅ mm	Internal ∅ mm	External ∅ mm	L mm	g
78600001	1511	1501	1.5	2.9	3.3	30	1
78600002	1512	1502	3.5	4.4	5.0	30	1
78600003	1513	1503	4.0	6.0	6.5	45	2
78600004	1514	1504	2.5	4.0	4.4	30	1
78600005	1515	1505	2.3	3.0	3.3	35	8
78600006 [1]	1516	1506	4.0	5.6	6.0	35	1

[1] for 4.0 mm MOLEX® contact

1523



Assembly sleeve KABELEX® ABS
— for No. 1503

Product no.	for contact size ∅ mm	Internal ∅ mm	External ∅ mm	L mm	g
78610001	4.0	4.0	6.5	50	5

1551/1552



Cable extractor tools KABELEX®
— for flat plug-in sockets with notches, e.g. in BMW, Ford, Opel, Porsche, Seat, Skoda, VW/Audi

Product no.	Model	for contact dimension □ mm	g
74620001	1551	2.8	19
74640002	1552	5.8	19

1553-1555



Cable extractor tools KABELEX®
— for flat plug-in sockets in plugs with an unlocking channel

Product no.	Model	for contact dimension □ mm	g
74620003	1553	2.8; 5.8	16
74620004	1554	2.8	16
74620005	1555	5.8	16

1556



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

Product no.	for contact dimension □ mm	g
74620006	1.6	17

1556-1



Cable extractor tool KABELEX®

— for flat plug-in sockets with asymmetrically arranged notches on the contact in plugs with 2 unlocking channels, e.g. in Seat, Skoda, VW/Audi

Product no.	for contact dimension □ mm	g
74612006	0.64	19

1557/1558



Cable extractor tools KABELEX®

— for flat plug-in sockets with asymmetrically arranged notches on the contact in plugs with 2 unlocking channels, e.g. in Seat, Skoda, VW/Audi

Product no.	Model	for contact dimension □ mm	g
74620007	1557	2.8	21
74620008	1558	4.8	22

1559



Cable extractor tool KABELEX®

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

Product no.	for contact dimension □ mm	g
74620009	9.5	39

1562



Cable extractor tool KABELEX®

— for flat plug-in sockets, Pit-Pod contacts

— can be used for all automotive brands

Product no.	for contact dimension □ mm	g
74620012	diverse	25

1574



Cable extractor tool KABELEX®

— for flat plug-in sockets, Micro-Timer I contacts and ABS housings, e.g. in Fiat, Ford, Mazda, Opel, PSA, Renault, Saab, VW/Audi

Product no.	for contact dimension □ mm	g
74620024	1.6	15

1575



Cable extractor tool KABELEX®

— for soldered round plug pin contacts in Ford

— for flat plug-in sockets (retaining by housing safety lock tab), e.g. in Fiat, Mazda, Toyota

Product no.	for contact size ∅ mm	for contact dimension □ mm	g
74620025	1.5	2.8; 5.8	15

1576



Cable extractor tool KABELEX®

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

Product no.	for contact dimension □ mm	g
74620026	2.8	18

1577



Cable extractor tool KABELEX®

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

Product no.		g
74620027		49

1577-1



Cable extractor tool KABELEX®

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

Product no.	for contact dimension □ mm	g
74615027	1.5	23

1578K-1



Cable extractor tool KABELEX®

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

Product no.	for contact dimension □ mm	g
74610028	2.8	35

1578K-2



Cable extractor tool KABELEX®

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

Product no.	for contact dimension □ mm	g
74612028	2.8	35

1584/1585



Cable extractor tools KABELEX®

— for round soldered contacts in Mercedes-Benz

Product no.	Model	for contact size ∅ mm	g
74620034	1584	4.0	13
74620035	1585	2.5	11

1587



Cable extractor tool KABELEX®

— for flat plug-in sockets and E-95 contacts in Mercedes-Benz

Product no.	for contact dimension □ mm	g
74620037	1.65	23

1589K



Cable extractor tool KABELEX®

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

Product no.	for contact dimension □ mm	g
74610039	8	45

1591



Cable extractor tool KABELEX®

— for flat plug-in sockets in terminals with 2 unlocking channels, Junior Power Timer contacts, standard Power Timer Contacts, e.g. in BMW, Mercedes-Benz, Fiat, Ford, MAN, Opel, PSA, Renault, Saab, VW/Audi

Product no.	for contact dimension □ mm	g
74620041	2.8; 5.8	25



STAHLWILLE KABELEX® RANGE.





Plug system	Tools	Cars											Trucks				Contact size mm	Model
		BMW	Fiat	Ford	Mazda	Mercedes-Benz	Opel	PSA	Renault	Volvo	VW/Audi Seat/Skoda Porsche		MAN	Mercedes-Benz	Scania	Volvo		
Round plug systems/ Crimp contacts (The complete tool consists of ejection tool with bush)		○	○			○	○			○	○		○	○		○	∅ 1.5	1501 + 1511
		○	○			○	○			○	○		○	○		○	∅ 3.5	1502 + 1512
													○	○	○	○	∅ 4 ABS	1503 + 1513, 1523
		○				○	○										∅ 2.5	1504 + 1514
			○			○	○	○									∅ 2.3	1505 + 1515
													○	○			∅ 4	1506 + 1516
Round plug systems/ soldered contacts			○	○	○												∅ 1.5 pin contact	1575
						○											∅ 4	1584
			○			○											∅ 2.5	1585
Flat plug systems with 2 or more locking tongues Crimp contacts		○		○		○	○	○	○		○		○				2.8	1551
		○	○	○			○	○	○		○		○				5.8	1552
						○	○	○	○	○	○						1.6	1556
						○					○						9.5 Maxi Power Timer-contacts	1559
							○										2.8 Ducon	1565
							○										1.5 Ducon	1566
													○				VKR box contact	1577
													○			○	MKR/MKS-contacts	1577-1
		○				○											SLK-contacts (primary)	1578K-1
		○				○											SLK-contacts 97 (primary+ secundary)	1578K-2
		○				○											LSK-contacts	1589K
						○											1.65 E 95	1587
		○	○	○		○	○	○	○	○	○		○	○	○	○	2.8/5.8 Junior Power Timer-contacts Standard Power Timer-contacts	1591
Flat plug systems with 2 locking tongues asymmetrical Crimp contacts											○						0.64 MQS asymmetrically	1556-1
											○		○				2.8	1557
											○						4.8	1558
Flat plug systems with 1 locking tongue Crimp contacts		○	○	○	○	○	○	○	○	○	○		○				2.8/5.8	1553
		○						○	○	○							2.8	1554
		○						○	○								5.8	1555
		○	○	○	○	○	○	○	○	○	○		○	○	○	○	Several Pid-Pod	1562
								○									0.8 Ducon	1563
							○										1.5 Ducon	1564
			○	○	○		○	○	○		○						1.6 Without box	1574
													○				2.8	1576

10

1560



Tool set KABELEX®
— for round connectors (including ABS)
Contains 10-pieces:
1 ejection tool **No. 1501**: for contact dimension Ø 1.5 mm
1 ejection tool **No. 1502**: for contact dimension Ø 3.5 mm
1 ejection tool **No. 1503**: for contact dimension Ø 4.0 mm
2 dismantling sleeves **No. 1511**: for contact dimension Ø 1.5 mm (1 piece mounted)
2 dismantling sleeves **No. 1512**: for contact dimension Ø 3.5 mm (1 piece mounted)
2 dismantling sleeves **No. 1513**: for contact dimension Ø 4.0 mm (1 piece mounted)
1 assembly sleeve (ABS) **No. 1523**

Product no.	Content pcs.	g
96747201	10	560

1570/2



Universal set KABELEX®
Contains 12-pieces:
3 ejection tools **No. 1501, 1502, 1505**: for contact dimensions Ø 1.5; 3.5; 2.3 mm
3 dismantling sleeves **No. 1511, 1512, 1515**: for contact dimensions Ø 1.5; 3.5; 2.3 mm
1 cable extractor tool **No. 1553**: for connectors with 1 unlocking channel, flat contacts 2.8 and 5.8 mm
1 cable extractor tool **No. 1556**: for Micro-Timer II, III contacts, flat contacts 1.6 mm
1 cable extractor tool **No. 1559**: for Maxi-Power timer contacts, flat contacts 9.5 mm
1 cable extractor tool **No. 1562**: for Pit Pod contacts
1 cable extractor tool **No. 1574**: for Micro-Timer I contacts and ABS housing, flat contacts 1.6 mm
1 cable extractor tool **No. 1591**: for connectors with 2 unlocking channels, flat contacts 2.8 and 5.8 mm

Product no.	Content pcs.	g
96747304	12	1230

1700 MAN/Volvo

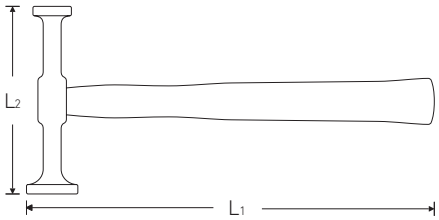


Tool set KABELEX®
— for MAN/Volvo, Mercedes-Benz trucks
Contains 14-pieces:
4 ejection tools **No. 1501, 1502, 1503, 1506**: for contact dimensions Ø 1.5; 3.5; 4.0 (ABS) and 4.0 mm
4 dismantling sleeves **No. 1511, 1512, 1513, 1516**: for contact dimensions Ø 1.5; 3.5; 4.0 (ABS) and 4.0 mm
1 assembly sleeve (ABS) **No. 1523**
2 cable extractor tools **No. 1553, 1591**: for contact dimensions, flat contacts 2.8 and 5.8 mm
1 cable extractor tool **No. 1576**: for flat plugs with single latch, flat contacts 2.8 mm
1 cable extractor tool **No. 1577**: for flat plug-in socjets, VKR box contacts, flat contacts
1 cable extractor tool **No. 1577-1**: for MKR/FMD contacts, flat contacts 1.5 mm

Product no.	Content pcs.	g
96747208	14	1300

TOOLS THAT
... inspire

BODYWORK TOOLS.



Panel beating hammers for bodywork
Explanation of the table headings

L_1 = Overall length
L_2 = Head length
Striking surface (□ mm) = Head size
Striking surface (Ø mm) = Head diameter

10775



Dinging hammer
— 2 round faces with different diameters
— with hickory shaft

Product no.	∅ mm	L_1 mm	L_2 mm	g
70130002	30/40	300	155	516

10780



Planishing hammer
— short version
— square and round face
— with hickory shaft

Product no.	□ mm	∅ mm	L_1 mm	L_2 mm	g
70130003	25x25	32	300	100	346

10785



Planishing hammer
— short version
— smooth square face and round chequered face
— with hickory shaft

Product no.	□ mm	∅ mm	L_1 mm	L_2 mm	g
70130004	35 x 35	40	300	96	484

10790



Pecking hammer
— round face and ball pein
— with hickory shaft

Product no.	∅ mm	L_1 mm	L_2 mm	g
70130005	18/41	300	158	479

MADE IN GERMANY

For more than 160 years, the STAHLWILLE brand has been synonymous with premium tools. From its foundation by Eduard Wille to the present day, our goal has always been the same: to manufacture tools that set the standard and that are 'Made in Germany'.

10795



Pecking hammer
— round face and acorn-shaped pein
— with hickory shaft

Product no.	∅ mm	L_1 mm	L_2 mm	g
70130006	20/41	300	160	461

10800



Pecking hammer
— short version
— round, flat face and pointed tip
— with hickory shaft

Product no.	∅ mm	L_1 mm	L_2 mm	g
70130007	35	300	135	357

10805



Pecking hammer
— round, flat face
— long, thin pein, approx 1 mm thick
— with hickory shaft

Product no.	∅ mm	L_1 mm	L_2 mm	g
70130008	40	300	160	446

10806



Pecking hammer
— extra large thin face and pein
— with hickory shaft

Product no.	∅ mm	L_1 mm	L_2 mm	g
70130011	40	300	135	764

10811



Planishing and grooving hammer
— with hickory shaft

Product no.	□ mm	∅ mm	L_1 mm	L_2 mm	g
70130012	36 x 10	30	320	160	545

10812



Planishing and grooving hammer
— with hickory shaft

Product no.	□ mm	∅ mm	L_1 mm	L_2 mm	g
70130013	25 x 5	30	300	115	344

10880



Bumping spoon
— for body work
— small version
— finely ground work surface

Product no.	L_1 mm	L_2 mm	g
70220001 *	200	460	1866

* L_1 = working length L_2 = total length

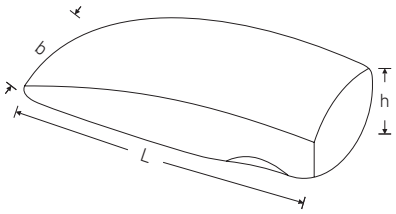
10885



Bumping spoon

— for body work
— large version
— finely ground work surface

Product no.	L mm	g
70220002	500	2210



Dollies

Explanation of the table headings

L = Overall length
b = Width
h = Height

10835



Dolly

— comma shape
— dolly for repair, customisation and restoration of motor vehicles

Product no.	L mm	b mm	h mm	g
70210002	130	55	32	958

10855

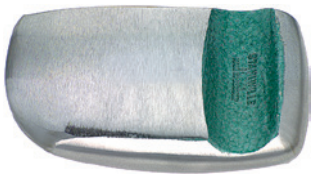


Universal dolly

— dolly for repair, customisation and restoration of motor vehicles

Product no.	h mm	g
70210010	58	1110

10841



Dolly

— flat shape
— dolly for repair, customisation and restoration of motor vehicles

Product no.	L mm	b mm	h mm	g
70210005	107	66	28	984

10842



Dolly

— diabolo shape
— curved
— dolly for repair, customisation and restoration of motor vehicles

Product no.	L mm	b mm	h mm	d mm	g
70210006	60	55	55	57	658

10845



Dolly
— toe shape
— dolly for repair, customisation and restoration of motor vehicles

Product no.	L mm	b mm	h mm	g
70210008	120	55	22	770

10865



Dolly
— half-round shape
— dolly for repair, customisation and restoration of motor vehicles

Product no.	L mm	b mm	h mm	g
70210012	80	60	35	1070

10890



Body spoon
— for removing dents
— small version
— finely ground work surface

Product no.	L mm	g
70220003	270	550

10905



Body file holder
— with a coarse blade

Product no.	L mm	W mm	H mm	g
72160000	365	35	110	765

10922



Body file holder
— made from wood
— for half-round radius file blades

Product no.	L mm	H mm	g
72200001	530	25	255

10923



Body file holder
— made from wood
— for flat file blades

Product no.	L mm	H mm	g
72200002	530	24	302

10921



File blade for No. 10922
— course, without swarf breaker
— half-round, hollow
— radially milled, toothed on both sides

Product no.	teeth per inch	L mm	g
79060004	9	350	216

10906-10916



File blades for No. 10905 and No. 10923

Product no.	Model	Version	teeth per inch	L mm	g
79060001	10906	fine, radial cut	15	350	321
79060002	10907	medium, radial cut	12	350	286
79060003	10908	coarse, radial cut	9	350	279
79060012	10915	medium, angled cut	12	350	282
79060013	10916	coarse, angled cut	9	350	252

11005



Pry bar

— head and tip polished

Product no.	L mm	W mm	d mm	g
72090000	400	46	14	477

11006



Lever bar

— made of special steel
— bright nickel-plated

Product no.	L mm	W mm	g
72090002	400	14	498

11007



Lever bar

— made of special steel
— bright nickel-plated

Product no.	L mm	W mm	g
72090003	400	17	641

12771



Extractor pliers

— for extracting fixing plugs on door panels, trim, bumper rubber, etc.
— joint and jaws made of hardened steel plate
— handles made of shaped sheet metal

Product no.	L mm	g
76480001	230	205

12752



Sheet metal shears

— lever action
— self-opening by built-in spring
— excellent cutting power
— for sheet steel up to 1.8 mm and stainless steel sheet up to 1.2 mm

Product no.	Version	L "	L mm	g
75230001	left-cutting	10 1/4	260	532
75230002	right-cutting	10 1/4	260	532

12753



Sheet metal shears

— lever action
— self-opening by built-in spring
— excellent cutting power
— for sheet steel up to 1.8 mm and stainless steel sheet up to 1.2 mm

Product no.	Version	L "	L mm	g
75240001	left-cutting	10 1/4	260	473
75240002	right-cutting	10 1/4	260	473

12727

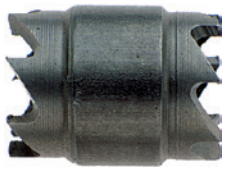


Spot weld milling cutter

— HSS steel
— for spot weld removal on vehicle body or sheet metal construction
— with interchangeable milling tool Ø 10 mm
— adjustable milling depth by setting the adjustment screw
— can be used on both sides
— no pulling and tearing of sheet metal

Product no.	L mm	g
72260001	72	19

12728



Spare milling cutter

— compatible with spot weld milling cutter No. 12727

Product no.	L mm	g
79260001	13	4

12729/12730



Spot weld drills

— for clean, burr-free drilling of spot weld
— no shifting from welding point thanks to self-cutting centre point
— re-grindable

Product no.	Model	d mm	g
72270007	12729	7	18
72270008	12730	8	30



VEHICLE DOOR TOOLS.

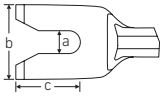
12770



3K

Lever bar

— powder coated blade for better sliding effect
— for loosening door panels in cars
— with 3-component handle



Product no.	L mm	a mm	b mm	c mm	g
74593101	260	8	26	21	168

12770/2



3K

Lever bar

— for gently lifting off or unclipping sensitive caps, trim strips, trim rings, switches, rubber and textile coatings
— prevents scratches or damage due to the finely polished, rounded edges
— with 3-component handle

Product no.	L mm	g
74593102	185	20

12770/3



Plastic lever bar

— to remove trim of all types and cover trim on windshields, rear and side windows
— wide contact surface prevents scratches on painted parts, distortion of the trim or damage to windows

Product no.	L mm	W mm	g
74590003	300	50	209

12772



Lever bar
— suitable for bodywork and interior
— closed scoop
— with 3-component handle

Product no.	L mm	g
74593100	380	260

GLASS INSTALLATION AND REMOVAL TOOLS.

10350 N



Windscreen replacement set VERITRAC
Contains 5-pieces:
1 draw handle; 1 guide handle; 1 coil of special cutting wire (50 m); 2 double suction lifters

Product no.	Content pcs.	g
98742711	5	1760

10351 N



Windscreen replacement set VERITRAC
Contains 3-pieces:
1 draw handle; 1 guide handle; 1 coil of special cutting wire (50 m)

Product no.	Content pcs.	g
96742711	3	458



10352



Double suction lifters
— 1 pair
— mechanical action with safety lock
— special ABS-plastic
— oil and acid resistant
— with belt slots in the handle
— load capacity: 60 kg

Product no.	L mm	d mm	g
74280001	530	120	1405

10352/1



Double suction lifters
— mechanical action with safety lock
— special ABS-plastic
— oil and acid resistant
— with belt slots in the handle
— load capacity: 30 kg

Product no.	L mm	d mm	g
74280005	415	120	670

10351/1



Draw handle
— for drawing the cutting wire through the adhesive seal

Product no.	suitable for	g
74270001	SD10351N	90

SD10351N



Cutting wire

— wire removal without uncoiling the entire reel

Product no.	L m	d mm	g
79270011	50	0.6	170

10351/2



Guide handle

— for attaching and clamping the cutting wire inside the vehicle

Product no.	L mm	g
74270002	308	195

10351/3



Guide handle

— for attaching and clamping the cutting wire inside the vehicle
— the extra long length makes it particularly suitable for recessed glass

Product no.	L mm	g
74270006	308	190



1474/2



3K

Wire inserter

— for pulling or pushing the cutting wire through the hardened adhesive
— with 3-component handle

Product no.	L mm	g
78033102	290	69

10355



Wire insert probe

— for threading the cutting wire through the hardened adhesive
— steel tube with brass handle

Product no.	Ø mm	g
74270004	2.5	115

12718



3K

Gasket scraper

— flat forged, sharp and wear-resistant blade
— for removing sealant and adhesive residue
— optimised ergonomics for perfect control when scraping
— with 3-component handle

Product no.	L mm	g
72033101	265	164

12749



3K

Scraper with reversible tungsten steel blade

— to remove glue residue and labels from vehicle glass
— can also be used for scraping metal and seals
— with 3-component handle

Product no.	L mm	b mm	g
72313101	460	25	458

12749R

Spare blade

— for scraper No. 12749

Product no.	for model	g
79310001	12749	19

10354



Ratchet strap

— for tightening and securing freshly fitted vehicle glass
— synthetic webbing

Product no.	L m	W mm	Tension force daN	g
74270003	4.5	25	800	310

VALVE AND PISTON TOOLS.

11063



Valve seating-ring pliers

— for pulling off the valve seal and for removing the valve spring seat
— joint and jaws made of hardened steel plate, gunmetal finish
— handles made of shaped sheet metal, nickel-plated

Product no.	L mm	g
74290001	250	340

11063/1



Valve seating-ring pliers

— for pulling off recessed valve seals, e.g. for four-valve engines
— joint and jaws made of hardened steel plate, gunmetal finish
— handles made of shaped sheet metal, nickel-plated

Product no.	L mm	g
74290002	270	345

12108



Valve spring assembly tool

— with interchangeable hooks and lower bracket
— suitable for almost all passenger car engines, usually without cylinder head detachment

Product no.	Content pcs.	g
74570001	8	780

11068

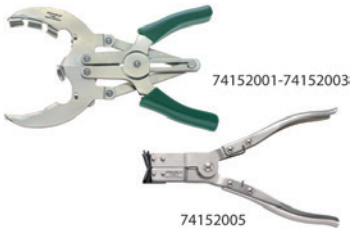


Piston ring tensioners

— made of special spring-band steel
— with infinitely variable settings
— with hex L-Key for clamping

Product no.	Size	L mm	H mm	g
74140000	0	80	50	106
74140001	1	110	80	230
74140003	2	110	80	270
74140005	3	166	165	603

11069



Piston ring pliers

— for inserting and removing piston rings
— bright nickel-plated

Product no.	Size	for piston rings mm	L mm	H mm	g
74152001	1	55-100	200	18	245
74152002	2	80-120	240	20	279
74152003	3	110-160	240	23	394
74152005 [1]	5	60-160	220	16	194

[1] with V-shaped contact faces, for gentle and safe spreading of piston rings

11095-11097



Precision feeler gauges

— tapered blades made of hardened spring steel
— nickel-plated case with locking screw
— tolerance according to T2

Product no.	Model	Sheet thickness mm	Sheet thickness "	L mm	g
74240001	11095/13	0.05; 0.10; 0.15; 0.20; 0.25; 0.30; 0.40; 0.50; 0.60; 0.70; 0.80; 0.90; 1.00	0,002; 0,004; 0,006; 0,008; 0,010; 0,012; 0,016; 0,020; 0,024; 0,028; 0,032; 0,036; 0,040	100	62
74240002	11095/20	0.05; 0.10; 0.15; 0.20; 0.25; 0.30; 0.35; 0.40; 0.45; 0.50; 0.55; 0.60; 0.65; 0.70; 0.75; 0.80; 0.85; 0.90; 0.95; 1.00	0,002; 0,004; 0,006; 0,008; 0,010; 0,012; 0,014; 0,016; 0,018; 0,020; 0,022; 0,024; 0,026; 0,028; 0,030; 0,032; 0,034; 0,036; 0,038; 0,040	100	96
74240005	11097/26	0.03; 0.04; 0.05; 0.06; 0.07; 0.08; 0.09; 0.10; 0.15; 0.20; 0.25; 0.30; 0.35; 0.40; 0.45; 0.50; 0.55; 0.60; 0.65; 0.70; 0.75; 0.80; 0.85; 0.90; 0.95; 1.00	0,0012; 0,0016; 0,002; 0,0024; 0,0028; 0,003; 0,0035; 0,004; 0,006; 0,008; 0,010; 0,012; 0,014; 0,016; 0,018; 0,020; 0,022; 0,024; 0,026; 0,028; 0,030; 0,032; 0,034; 0,036; 0,038; 0,040	100	80

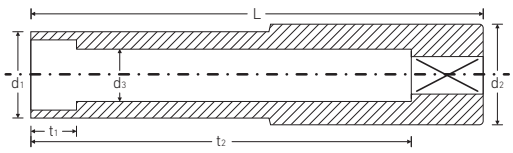
IGNITION AND ELECTRICAL TOOLS.

3466



Spark plug socket

— long version, with magnet
— hex with AS-Drive profile
— $^3/_8$" internal square drive
— HPQ® high performance steel, chrome-plated



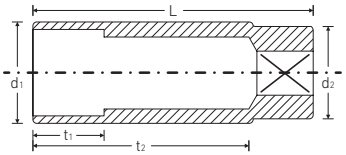
Product no.	mm	"	d_1 mm	d_2 mm	d_3 mm	t_1 mm	t_2 mm	L mm	g
02140036	16	$^5/_8$	21.8	25.5	15	7	72.9	85	180

4600



Spark plug socket

— long version, with rubber insert
— bi-hex with AS-Drive profile
— $^3/_8$" internal square drive
— HPQ® high performance steel, chrome-plated



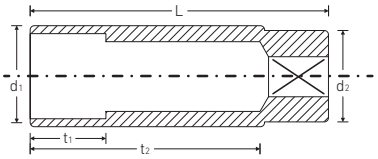
Product no.	mm	"	d_1 mm	d_2 mm	t_1 mm	t_2 mm	L mm	g
02120036	16	$^5/_8$	21.7	19.5	15	47.8	60	84

4606



Spark plug socket

— long version, with rubber insert
— hex with AS-Drive profile
— $^3/_8$" internal square drive
— HPQ® high performance steel, chrome-plated



Product no.	mm	"	d_1 mm	d_2 mm	t_1 mm	t_2 mm	L mm	g
02130018	18	$^{11}/_{16}$	24.2	22	18	52.8	65	132

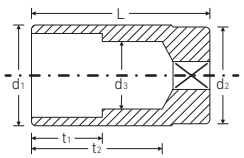
MADE IN CRONENBERG
MADE IN GERMANY

For more than 160 years, the STAHLWILLE brand has been synonymous with premium tools. From its foundation by Eduard Wille to the present day, our goal has always been the same: to manufacture tools that set the standard and that are 'Made in Germany'.

46



Spark plug socket
- long version, with rubber insert
- bi-hex with AS-Drive profile
- 3/8" internal square drive
- HPQ® high performance steel, chrome-plated
- DIN 3124 / ISO 2725-1 / DIN EN 3710 / DIN EN 3709 / ASME B 107.5M

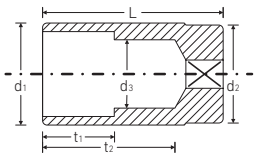


Product no.	mm	"	d1 mm	d2 mm	d3 mm	t1 mm	t2 mm	L mm	g
02020208	208	13/16	27.2	25	-	18	-	65	151

51



Spark plug sockets
- long version, with rubber insert
- bi-hex with AS-Drive profile
- 1/2" internal square drive
- HPQ® high performance steel, chrome-plated
- DIN 3124 / ISO 2725-1 / DIN EN 3710 / DIN EN 3709 / ASME B 107.5M

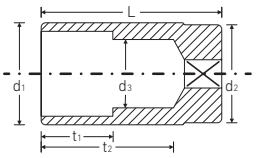


Product no.	mm	"	d1 mm	d2 mm	d3 mm	t1 mm	t2 mm	L mm	g
03020216	16	5/8	22.4	23.7	15.4	19	64.5	83	137
03020208	208	13/16	27.7	26	20	22	66.2	83	194

51S



Spark plug socket
- long version, with rubber insert
- for spark plugs and wheel nuts on Japanese cars
- hex with AS-Drive profile
- 1/2" internal square drive
- HPQ® high performance steel, chrome-plated
- DIN 3124 / ISO 2725-1 / DIN EN 3710 / DIN EN 3709



Product no.	mm	"	d1 mm	d2 mm	d3 mm	t1 mm	t2 mm	L mm	g
03240208	208	13/16	27.7	26	20	22	66.2	83	196

5100



Rubber insert
- for 20.8 mm (No. 46; 51; 51S)

Product no.	Internal ∅ mm	External ∅ mm	L mm	g
09010001	11	20	25	6

3047



Uniflex sockets
- extra long design, with flexible joint
- hex
- 3/8" internal square drive
- e. g. for hard-to-reach glow plugs

Product no.	mm	L mm	g
02180010	10	140	138
02180012	12	140	138

12372



Brake caliper brush
- narrow version
- brass wire, thickness 0.25 mm, corrugated
- plastic grip with hanging hole
- extremely strong bristles for very high brushing performance
- universal use
- Made in Germany

Product no.	L mm	g
77440002	225	70

12373



Brake caliper brush
- narrow version
- steel wire, thickness 0.35 mm, smooth
- plastic grip with hanging hole
- extremely strong bristles for very high brushing performance
- universal use
- Made in Germany

Product no.	L mm	g
77440001	230	65

12375



Spark plug brush
- brass wire, thickness 0.3 mm, corrugated
- 3-rows of wire
- wooden handle
- Made in Germany

Product no.	L mm	g
74160001	150	17

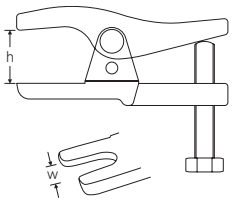


BRAKE AND WHEEL TOOLS.

11700



Ball joint separator
- for quick and reliable pressing out of ball joint pins from track rods and stabilisers
- for car and truck ball joints
- compact model
- body and lever made from tempered steel
- drop-forged, hardened and tempered

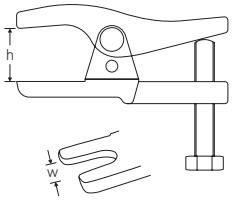


Product no.	⬣ mm	w mm	Clear height mm (h)	g
71070000	19	23	20-50	730

11701



Ball joint separator
- for quick and reliable pressing out of ball joint pins from track rods and stabilisers
- for car and truck ball joints
- 2-way adjustable
- body and lever made from tempered steel
- drop-forged, hardened and tempered

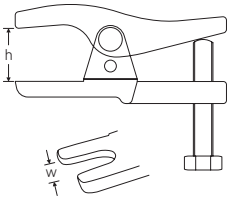


Product no.	⬣ mm	w mm	Clear height mm (h)	g
71070001	24	20	12-50	1370

11702

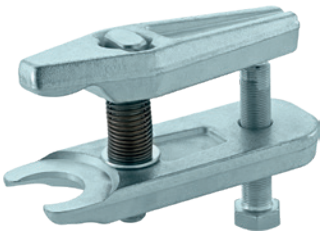


Ball joint separator
- for quick and reliable pressing out of ball joint pins from track rods and stabilisers
- for car and truck ball joints
- 2-way adjustable
- body and lever made from tempered steel
- drop-forged, hardened and tempered

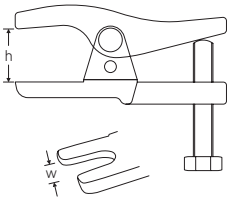


Product no.	⬣ mm	w mm	Clear height mm (h)	g
71070002	24	20	50-80	1740

11703



Ball joint separator
- galvanised
- for heavy trucks, buses and construction vehicles



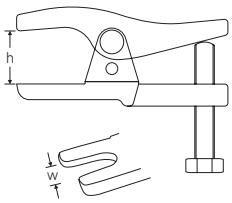
Product no.	w mm	Clear height mm (h)	max. t	max. torque N·m	g
71070003	27-36	90	10	100	2940

11704



Ball joint separator

— galvanised
— for medium and heavy trucks, buses, construction and special vehicles



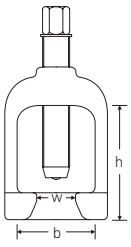
Product no.	w mm	Clear height mm (h)	max. t	max. torque N·m	g
71070004	35-45	115	20	200	6500

11708



Ball joint extractors

— galvanised
— for pressing out the ball pins of motor vehicles



Product no.	w mm	b mm	Clear height mm (h)	max. torque N·m	g
71080001	18	37	37	50	285
71080002	23	45	45	120	476
71080004	39	70	80	280	2024

10599/2



Balance weight pliers

— with cutters for cutting and positioning lead weights (also with adhesive films)
— Chrome Alloy Steel, chrome-plated

Product no.	L mm	W mm	g
76294003	245	100	380

10613



Brake spring pliers

— for riveted brake pads
— Chrome Alloy Steel, gloss nickel-plated

Product no.	L mm	g
76413001	210	245

10613/1



Brake spring pliers

— with a movable plate, for riveted and glued brake pads

Product no.	L mm	g
76413021	330	461

34c/35c



Wheel braces

— with forged centre piece, pressed arms and extra-deep forged socket heads
— Chrome Alloy Steel, chrome-plated
— DIN 3119 / ISO 6788

Product no.	mm/"	L mm	g
43030005	24; 27; 32 mm; 3/4" square	400	2058
43030006	17; 19; 22 mm; 1/2" square	400	5020

39



Tyre levers

— suitable for fitting and removing vehicle tyres
— easy to use, robust construction with carefully formed profiles
— with sturdy double-T profile
— Chrome Alloy Steel, chrome-plated

Product no.	Model	L mm	g
74010401	39 Pkw	400	358
74010601	39/1 Lkw	600	897
74010604	39/2 Lkw	600	1184
74010605	39/3 Lkw	600	932

ENGINE AND TRANSMISSION TOOLS.

1015



Oil filter claw

— for loosening oil filters on cars

Product no.	"	h mm	Claw length mm	g
74620002	3/8	65	50	530

3045



Oil filter wrench

— for oil filters
— 14 sided
— with an external hex of 22 mm and a 10 mm dia. bore

Product no.	mm	L mm	g
74370001	74	52	131

1058

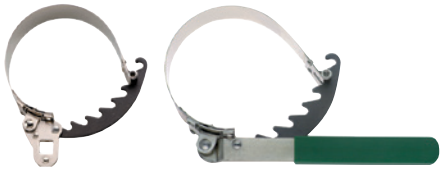


Oil service spanner

— bent
— 8 and 10 mm external squares
— for drain plugs on sump, transmission, differential

Product no.		g
44730810		315

12007



Oil filter wrenches
— with adjustable steel strap
— for oil filters and round screws from 80 to 110 mm
— hardened anti-slip cams ensure safety during use

Product no.	Model	L mm	g
76521001 [1]	12007/1	150	226
76521002 [2]	12007/2	240	319

[1] with 1/2" internal square
[2] with lever handle

12005



Strap wrench
— for clamping, loosening and tightening oil filters and sensitive screws/bolts up to a diameter of Ø 200 mm
— suitable for working in tight spaces
— low-wear, non-slip rubber fabric belt
— freely adjustable strap for flexible size coverage
— sturdy grip

Product no.	Model	L mm	Strap width	Strap length	g
76500001	12005	236	22	600	264

12005/1

Rubber fabric strap for strap wrench
— low-wear, non-slip rubber fabric strap

Product no.	for model	Strap width	Strap length	g
79150001	12005	22	600	69

1023



Special ring spanner
— single-ended
— angled shaft
— for bolted joints on injection pumps

Product no.	mm	B mm	H mm	g
41110013	13	60	8	67

1068



Air filter claw
— for truck brake systems

Product no.	"	h mm	Claw length mm	g
74620011	1/2	85	60	925

12705



Mechanics stethoscope
— steel probe
— plastic handle and sound tubes

Product no.	L mm	g
74060001	355	137

12717



Pin wrench
— cranked
— pin spacing 18 mm
— pin diameter 2,9 mm
— for tightening timing belts on 1.6-l diesel engines

Product no.	L mm	g
44700018	140	76

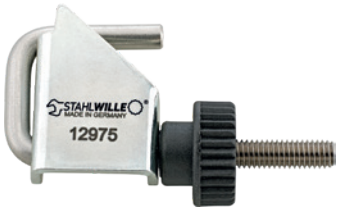
12763



Pull hook for rubber exhaust mountings
— for pulling the rubber eyelets on the exhaust mountings on all cars
— with T-handle, black plastic coated
— chrome-plated

Product no.	L mm	g
74200002	220	118

12975



Fuel hose clamp
— clamp area up to Ø 20 mm
— for clamping off hose lines

Product no.	Area of application	g
74340001	0-20 mm	38

VARIOUS SPECIAL AUTOMOTIVE TOOLS.

11085



Jet reamer set
— for cleaning stubborn deposits and machining residues on the carburettor and air filter systems of e.g. motorcycles/scooters
— reamer Ø: 0.33; 0.4; 0.45; 0.5; 0.6; 0.7; 0.75; 0.8; 0.9; 1.0; 1.1; 1.2; 1.4; 1.6; 1.8; 2.0 mm
— with holder

Product no.	Content pcs.	g
74310001	16	25

12915



Ratchet tap holders
— with two-jaw chuck for fixed clamping of square shanks
— switchable for right and left-hand operation as well as "fixed"
— made completely of steel, chrome-plated

Product no.	Size	Span mm	L mm	g
77390001	1	2.0-5,0	85	180
77390002	2	4.6-8	110	305

10614



Hose clip pliers
— for self-tightening hose clamps
— bright nickel-plated

Product no.	L mm	g
76460000	220	293

10615/1



Hose clip pliers CLIC
— for locking and unlocking CLIC hose clamps
— easy work at a variety of angles thanks to variably adjustable jaws

Product no.	L mm	g
76460013	200	189

10623/1



Hose clip pliers
- with rotating jaws and multiple locking positions
- single-handed operation, even with large clamping range thanks to variable joint
- particularly suitable for 12 and 15 mm wide, large spring-belt hose clamps
- DBGM (German Federal Utility Model)

Product no.	L mm	g
76460012	290	414

10623/2



Hose clip pliers
- with Bowden cable and multiple locking positions
- especially suited for 12 and 15 mm wide spring-belt hose clamps, including those in heating and cooling systems up to a diameter of 42 mm
- practical for use in hard-to-reach places thanks to remote control via Bowden cable (length 610 mm)
- DBGM (German Federal Utility Model)

Product no.	L mm	g
76540001	300	565

10623/2EB

Spare bowden cable
- for No. 10623/2

Product no.	L mm	g
79540001	610	120

10625/2



Hose clip pliers
- for the correct closing of infinitely variable tension clamps without lugs on axle boots
- high grade steel, nickel-plated
- gun metal finished jaws

Product no.	L mm	g
76540003	200	173

10625



Ear clamp pincers
- for mounting 1- and 2-ear clamps on axle boots, radiator and fuel lines
- black painted finish

Product no.	L mm	W mm	g
76540002	225	48	340

12495



Brass punch
- for use on bushings, bearing rings, etc.
- steering pivot pin

Product no.	L mm	Ø mm	g
77130000	200	20	533

TOOLS THAT
... inspire

7756



Automotive voltage tester set
— testing device for automotive electrics and electronics
— 3-48 V
— voltage indicator by 2 LEDs - voltage and positive/negative polarity

Contains 3-pieces:
1 base unit with 1.5 m lead, test tip, integrated punch needle with sliding mechanism
1 crocodile clip
1 claw gripper

Product no.	L mm	W mm	Content pcs.	g
77560002	190	140	3	100

12905



Automotive circuit tester
— for checking the lighting and ignition systems of motor vehicles
— for 6-12 and 24 V
— with pointed probe
— protective cap
— cable with crocodile clip

Product no.	L mm	g
77380001	120	73

KM STW



Kneeling mat
— makes it more comfortable to work in a kneeling position
— with a recess for storing small parts, screws, nuts, etc.
— flexible, chemical-resistant foam mat
— anthracite/yellow, lasered STAHLWILLE logo

Product no.	L mm	W mm	H mm	g
83822520	490	245	30	124




STAHLWILLE

11 Miscellaneous tools

464 **Pipe tools**

466 **Striking and lever tools**

474 **Scraping and deburring tools**

476 **Grinding and cutting tools**

479 **Measuring, marking, testing tools**

481 **Reworking tools**

483 **Inspection tools**

485 **Torches and construction tools**

489 **Workshop accessories**

STAHLWILLE MISCELLANEOUS TOOLS – For the daily challenges.

Work processes are becoming increasingly complex, and special tools are increasingly essential for carrying out service and repair work. Pipe cutters, hook and pick tools, hammers, scrapers and screw extractors are just some of the many problem solvers that STAHLWILLE offers.

SPECIAL



Effective.

STAHLWILLE plastic scrapers made of glass-fibre-reinforced plastic: for damage-free removal of gaskets, seals and residues.

Magnetic.

The STAHLWILLE magnetic pen lifter is the perfect tool for recovering metallic objects in difficult-to-reach spaces. The strong neodymium magnet provides a high adhesion force. The built-in scriber is protected by a cap.

Rescue aid.

The STAHLWILLE screw extractor ensures damage-free extraction of broken screws or threaded bolts. Available in a 6-piece set.



Compact.

Handy wire cutters – ideal for clean cutting of cables, brass, copper and aluminium.

11

High-quality.

The shear blades of the wire cutters are made of stainless steel – one of them has a sawing function (serrated cut). The 2-component handles with finger rest ensure fatigue-free working.

Varied.

A wide range of other problem solvers for the daily challenges at work can be found on the following pages. Naturally in proven STAHLWILLE quality.

PIPE TOOLS.

14000/14002



Pipe cutters RAPID
— to cut steel and stainless steel pipes
— forged body with one cutting wheel
— with a spring-loaded system
— cutting wheel can be changed without additional tools
— colour: silver grey (RAL 9006)

Product no.	⌀ "	⌀ mm	⌀ mm	Cutting depth max. mm	L mm	Cutting wheel	g
60030000	1/8-1 1/4	3-32	10-42	5.5	265	1	1113
60030002	1/8-2	3-50	10-63	7	400	1	1975

14001/14003



Pipe cutters RAPID
— to cut steel and stainless steel pipes
— forged body with three cutting wheels
— with a spring-loaded system
— cutting wheel can be changed without additional tools
— colour: silver grey (RAL 9006)

Product no.	⌀ "	⌀ mm	⌀ mm	Cutting depth max. mm	L mm	Cutting wheel	g
60030001	1/8-1 1/4	3-32	6-43	5.5	265	3	1166
60030003	1/8-2	3-50	10-63	7	400	3	2149

14100



Pipe cutter COMPACT
— for cutting aluminium, copper and thin-walled steel pipes
— die-cast body
— with a cutting wheel
— with a spare cutting wheel in the rotary knob
— cutting wheel can be changed without additional tools
— with four guided rollers
— including deburring blades
— colour: silver grey (RAL 9006)

Product no.	⌀ "	⌀ mm	Cutting depth max. mm	L mm	Cutting wheel	g
60031000	1/8-1 3/8	3-35	2.5	160	1	356

14200



Pipe cutter MINI
— for copper, brass, and light metal pipes, as well as for hard plastic and thin-walled steel pipes
— colour: silver grey (RAL 9006)

Product no.	⌀ "	⌀ mm	Cutting depth max. mm	L mm	Cutting wheel	g
60032000	1/8-5/8	3-16	2	55	1	102

14300



Chain pipe cutter
— infinitely adjustable
— with rotary handle
— also suitable for stainless steel pipes up to 1.8 mm wall thickness
— chain length 270 mm

Product no.	⌀ mm	Cutting depth max. mm	⌀ "	L mm	W mm	g
60033000	25-75	2	1/8-1 1/4	240	85	665

14050-14051



Shim rings

— to convert pipe cutters from 1 to 3 cutting wheels, for example, for work on laid pipes
— for pipe cutters No. 14000 ($^1/_8$-1 $^1/_4$"): 2 cutting wheels No. 14010 ($^1/_8$-1 $^1/_4$"), 2 shim rings
— for pipe cutter No. 14002 ($^1/_8$-2"): 2 cutting wheels No. 14011 ($^1/_8$-2"), 2 shim rings

Product no.	for model	Ø mm	g
69135000	14000; 14001	13	8
69135001	14002; 14003	14	4

14060



Spare chain

— for chain pipe cutter

Product no.	for model	g
69136000	14300	188

14020-14021



Guide rollers

— for RAPID pipe cutter

Product no.	for model	W mm	Ø mm	g
69132000	14000; 14001	21	23	38
69132001	14002; 14003	27	28	115

14012



Cutting wheel

— for MINI pipe cutter

Product no.	for model	∅ mm	g
69131002	14200	20	5

14030-14031



Cutting wheel spindles

— for RAPID pipe cutter

Product no.	for model	L mm	g
69133000	14000; 14001	30	10
69133001	14002; 14003	37	20

14032



Cutting wheel spindle

— for MINI and COMPACT pipe cutters

Product no.	for model	L mm	g
69133002	14100; 14200	18	4

14040-14041



Roller spindles

— for RAPID pipe cutter

Product no.	for model	L mm	g
69134000	14000; 14001	39	10
69134001	14002; 14003	48	24

14010-14011



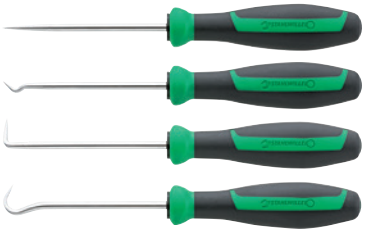
Cutting wheels

— for RAPID pipe cutter

Product no.	for model	∅ mm	Bore (mm)	g
69131000	14000; 14001	25	7.6	15
69131001	14002; 14003	31	9	30

STRIKING AND LEVER TOOLS.

13000-13003 155 mm



Hook tools
— for assembly and removal of small parts
— high hardness values (50-55 HRC)
— with 3-component handle

Product no.	Model	Version	L mm	g
77101000	13000	straight	155	22
77101001	13001	45°	155	22
77101002	13002	90°	155	22
77101003	13003	rounded	155	24

13000-13003 250 mm



Hook tools
— extra long design
— for assembly and removal of small parts
— high hardness values (50-55 HRC)
— with 3-component handle

Product no.	Model	Version	L mm	g
77101100	13000	straight	250	48
77101101	13001	45°	250	48
77101102	13002	90°	250	50
77101103	13003	rounded	250	50

13000-13003/4 155 mm



Hook and pick set
— in a sturdy polyester textile case with hook-and-loop fastener
— a compact storage solution to keep your tools safe
— embroidered STAHLWILLE logo

Contains 4-pieces:
4 hook tools **No. 13000-13003**: straight, 45°; 90°; rounded

Product no.	Content pcs.	g
96722802	4	144

13000-13003/4 250 mm



Hook and pick set
— in a sturdy polyester textile case with hook-and-loop fastener
— a compact storage solution to keep your tools safe
— embroidered STAHLWILLE logo

Contains 4-pieces:
4 hook tools **No. 13000-13003**: straight, 45°; 90°; rounded

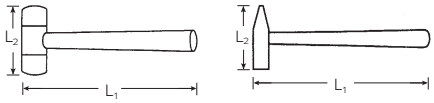
Product no.	Content pcs.	g
96722803	4	174

13009



Split-pin puller
— for gentle removal of cotter pins and springs
— high hardness values (50-55 HRC)
— with 3-component handle

Product no.	L mm	g
77101010	265	138



Soft and hard-faced hammers
Explanation of the table headings

L_1 = Overall length
L_2 = Head length
Striking surface (Ø mm) = Head diameter

10955



Plastic hammers
— with interchangeable heads made of impact-resistant cellulose acetate
— with ash shaft

Product no.	Ø mm	Hardness (Shore)	L_1 mm	L_2 mm	g
70160027	27	65	265	90	235
70160032	32	65	280	100	320
70160035	35	65	290	105	376
70160040	40	65	320	110	545
70160050	50	65	340	115	873

10955R



Spare heads for plastic hammers
— made of impact-resistant cellulose acetate
— warm up the head and tap it into position

Product no.	for model	Ø mm	Hardness (Shore)	g
79040027	10955 27	27	65	14
79040032	10955 32	32	65	22
79040035	10955 35	35	65	29
79040040	10955 40	40	65	39
79040050	10955 50	50	65	69

10958



Embossing hammer
— aluminium head
— cylindrical
— with hickory shaft

Product no.	Ø mm	L_1 mm	L_2 mm	g
70240040	40	340	155	648

10940



Rubber composite mallets
— tough rubber head with a hardness of approx. 90 Shore A
— with ash shaft
— according to DIN 5128-90

Product no.	Ø mm	Hardness (Shore)	L_1 mm	L_2 mm	g
70140001	55	90	320	90	317
70140002	65	90	350	115	527
70140003	75	90	350	130	780
70140004	90	90	380	140	1220

10956



Nylon hammers
— with interchangeable heads made of impact-resistant nylon VESTAMID®
— with hickory shaft

Product no.	Ø mm	Hardness (Shore)	L_1 mm	L_2 mm	g
70171027	27	75	265	90	232
70171032	32	75	280	100	336
70171035	35	75	290	105	413
70171040	40	75	320	110	546
70171050	50	75	340	115	865
70171060	60	75	380	135	1339

10956R



Spare heads for nylon hammers

— made of impact-resistant nylon VESTAMID®
— warm up the head and tap it into position

Product no.	for model	Ø mm	Hardness (Shore)	g
79050027	10956 27	27	75	11
79050032	10956 32	32	75	18
79050035	10956 35	35	75	23
79050040	10956 40	40	75	31
79050050	10956 50	50	75	53
79050060	10956 60	60	75	83

10959



Dead blow hammers

— with steel shot in the head to prevent recoil
— with interchangeable heads made of medium-hard polyurethane
— with hickory shaft

Product no.	Ø mm	Hardness (Shore)	L_1 mm	L_2 mm	g
70190130	30	73	330	110	460
70191035	35	73	335	110	580
70190140	40	73	355	115	760
70191050	50	73	365	120	1250
70191060	60	73	360	145	1900

10959R



Spare heads for dead blow hammers

— made of medium-hard polyurethane

Product no.	for model	Ø mm	Hardness (Shore)	g
79091030	10959 30	30	73	19
79091035	10959 35	35	73	26
79091040	10959 40	40	73	38
79091050	10959 50	50	73	72
79091060	10959 60	60	73	118

10961



Engineer's hammers

— steel overstrike sleeve for optimum protection against misses
— ergonomically shaped shaft made of hickory wood
— painted handle end ensures a better grip
— DIN 1041

Product no.	Head weight g	L_1 mm	L_2 mm	g
70110009	200	280	95	254
70110010	300	300	105	400
70110011	500	320	118	600
70110013	800	350	130	951
70110015	1,000	360	135	1132
70110016	1,500	380	145	1617
70110017	2,000	400	155	2285

10970



Engineer's hammers

— with ash shaft

Product no.	Head weight lb.	L_1 mm	L_2 mm	g
70120001	1/4	270	67	176
70120005	1/2	290	82	320
70120006	3/4	310	93	454
70120002	1	320	99	572
70120004	1 1/2	350	118	790
70120003	2	380	126	1045

10962



Lump hammers

— steel overstrike sleeve for optimum protection against misses
— ergonomically shaped shaft made of hickory wood
— painted handle end ensures a better grip
— DIN 6475

Product no.	Head weight g	L_1 mm	L_2 mm	g
70111010	1,000	260	95	1410
70111015	1,250	260	100	1660
70111020	1,500	280	110	1910

100



Ribbed cold chisels

— Chrome Alloy Steel, chrome-plated

Product no.	L mm	W mm	g
70010006	150	20	165
70010008	200	26	305
70010010	250	30	507
70010012	300	35	807

102



Flat chisels

— flat-oval
— Chrome Alloy Steel, painted silver
— DIN 6453

Product no.	L mm	W mm	H mm	g
70020002	125	14	9	96
70020003	150	17	11	172
70020004	175	20	12	269
70020005	200	23	13	379
70020007	250	23	13	521
70020008	300	23	13	591

103



Cross-cut chisels

— flat-oval
— Chrome Alloy Steel, painted silver
— DIN 6451

Product no.	L mm	W mm	H mm	g
70040003	150	17	11	147
70040004	175	17	11	239
70040005	200	20	12	340

110



Grooving chisel

— flat-oval
— Chrome Alloy Steel, painted silver

Product no.	L mm	W mm	g
70080001	240	26	298

112



Grooving chisel

— with hand guard
— flat-oval
— Chrome Alloy Steel, painted silver

Product no.	L mm	W mm	g
70080002	240	26	434

112/1



Hand guard

— robust plastic design

Product no.	▭ mm	g
79160001	26 x 7	101

104



Drift punches

— octagonal
— Chrome Alloy Steel, painted silver
— DIN 6458

Product no.	● mm	● mm	L mm	g
70060007	2	10	120	60
70060010	3	10	120	60
70060002	4	10	120	62
70060008	5	10	120	64
70060003	6	10	120	66
70060009	8	12	120	68

105



Centre punches

— octagonal
— Chrome Alloy Steel, painted silver
— DIN 7250

Product no.	● mm	L mm	g
70050001	10	100	52
70050005	10	120	63
70050002	12	120	90

108



Pin punches
— octagonal
— Chrome Alloy Steel, painted silver
— DIN 6450

Product no.	● mm	● mm	L mm	g
70071152	2	8	115	29
70070013	3	8	125	35
70070001	2.5	10	150	65
70070002	3	10	150	62
70070003	4	10	150	64
70070004	5	10	150	67
70070005	6	10	150	72
70070006	8	10	150	81
70070009	3	10	175	57
70070010	4	10	175	64
70070012	6	10	175	69
70070008	8	12	200	141
70070011	10	12	200	159

108/6T



Pin punch set
— Chrome Alloy Steel, painted silver
— DIN 6450
— in a sturdy polyester textile case with hook-and-loop fastener
— a compact storage solution to keep your tools safe
— embroidered STAHLWILLE logo
Contains 6-pieces:
6 pin punches **No. 108**: Ø 2.5; 3; 4; 5; 6; 8 mm

Product no.	Content pcs.	g
96700703	6	460

MADE IN GERMANY

For more than 160 years, the STAHLWILLE brand has been synonymous with premium tools. From its foundation by Eduard Wille to the present day, our goal has always been the same: to manufacture tools that set the standard and that are 'Made in Germany'.

108/6



Pin punch set
— Chrome Alloy Steel, painted silver
— DIN 6450
— in a plastic stand
Contains 6-pieces:
6 pin punches **No. 108**: Ø 2.5; 3; 4;5; 6; 8 mm

Product no.	Content pcs.	g
96700701	6	450

109



Pin punches
— with guide sleeve

Product no.	● mm	● mm	L mm	g
70090001	0.9	5	70	7
70090002	1.4	6	81	12
70090003	1.8	6	84	12
70090004	2.4	7	92	18
70090005	2.8	7	95	19
70090006	3.4	8	97	25
70090007	3.9	8	100	27
70090008	5.9	9	102	47

102-108/6



Chisel, drift punch, pin punch and centre punch set
— Chrome Alloy Steel, painted silver
— in a sturdy polyester textile case with hook-and-loop fastener
— a compact storage solution to keep your tools safe
— embroidered STAHLWILLE logo
Contains 6-pieces:
2 flat chisels **No. 102**: W. 14; 17; L. 125; 150 mm
2 drift punches **No. 104**: Ø 2; 4 mm
1 centre punch **No. 105**: Ø 10 mm
1 pin punch **No. 108**: Ø 4 mm

Product no.	Content pcs.	g
98812203	6	470

TCS 102-108/11



Chisel and punch set
— Chrome Alloy Steel, painted silver
— safely integrated in the modular Tool Control System (TCS)
Contains 11-pieces:
3 flat chisels **No. 102**: W. 17; 23; 23; L. 150; 200; 250 mm
2 centre punches **No. 105**: Ø 10; 12 mm
6 pin punches **No. 108**: Ø 2.5; 3; 4; 5; 6; 8 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96838754	350	175	33	1/3	11	1665

104-105/6T



Drift punch and centre punch set
— Chrome Alloy Steel, painted silver
— in a sturdy polyester textile case with hook-and-loop fastener
— a compact storage solution to keep your tools safe
— embroidered STAHLWILLE logo
Contains 6-pieces:
5 drift punches **No. 104**: Ø 2; 3; 4; 5; 6 mm
1 centre punch **No. 105:** Ø 10 mm

Product no.	Content pcs.	g
96700600	6	466

TOOLS THAT
... inspire

104-5/6



Drift punch and centre punch set
— Chrome Alloy Steel, painted silver
— in a plastic holder
Contains 6-pieces:
5 drift punches **No. 104**: Ø 2; 3; 4; 5; 6 mm
1 centre punch **No. 105**: Ø 10 mm

Product no.	Content pcs.	g
96700601	6	417

105-108/6



Pin punch and centre punch set
— Chrome Alloy Steel, painted silver
— in a plastic stand
Contains 6-pieces:
5 pin punches **No. 108**: Ø 2.5; 3; 4; 5; 6 mm
1 centre punch **No. 105**: Ø 10 mm

Product no.	Content pcs.	g
96700712	6	480

105-108/6T



Pin punch and centre punch set
— Chrome Alloy Steel, painted silver
— in a sturdy polyester textile case with hook-and-loop fastener
— a compact storage solution to keep your tools safe
— embroidered STAHLWILLE logo
Contains 6-pieces:
5 pin punches **No. 108**: Ø 2.5; 3; 4; 5; 6 mm
1 centre punch **No. 105**: Ø 10 mm

Product no.	Content pcs.	g
96700710	6	476

TCS 102-109/10956/10961/6



Punch, chisel and hammer set
— safely integrated in the modular Tool Control System (TCS)
Contains 6-pieces:
1 flat chisel **No. 102**: B.20; L. 175 mm
2 pin punches **No. 108**: Ø 6 mm, L. 150; 175 mm
1 pin punch **No. 109**: Ø 3.4 mm
1 nylon hammer **No. 10956**: Ø 35 mm
1 engineer's hammer **No. 10961**: 500 g

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96838181	350	175	40	1/3	6	1605

TCS 102-108/10961/10



Punch, chisel and hammer set
— safely integrated in the modular Tool Control System (TCS)
Contains 10-pieces:
1 flat chisel **No. 102**: W. 23; L. 200 mm
1 centre punch **No. 105**: Ø 10 mm
1 pin punch **No. 108**: Ø2 mm
4 pin punches **No. 108**: Ø 3; 4; 5; 6 mm
1 pin punch **No. 108**: Ø 4 mm
1 pin punch **No. 108**: Ø 8 mm
1 engineer's hammer **No. 10961**: 500g

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96830361	350	175	40	1/3	10	1569

TCS 102-108/10956/10960/18



Punch, chisel and hammer set
— safely integrated in the modular Tool Control System (TCS)
Contains 18-pieces:
1 wire brush **No. 12374**: L. 290 mm
1 safety knife (cutter) **No. 12965**: L. 174 mm
1 flat chisel **No. 102**: W. 17; L. 150 mm
1 cross-cut chisel **No. 103**: W. 17; L. 150 mm
1 centre punch **No. 105**: Ø 10 mm
6 pin punches **No. 108**: Ø 2.5; 3; 4; 5; 6; 8 mm
1 nylon hammer **No. 10956**: Ø 50 mm
2 engineer's hammers **No. 10961**: 300; 500 g
1 glass scraper **No. 10356**: L. 165 mm
1 triangular special scraper **No. 10670**: L. 285 mm
1 flat scraper **No. 10672**: W. 20; L. 315 mm
1 caliper **No. 12900**: measuring range: 150 mm/6"

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96830620	350	530	55	3/3	18	3653

TCS 102-108/10959/10961/12718/13



Punch, chisel and hammer set
— safely integrated in the modular Tool Control System (TCS)
Contains 13-pieces:
2 flat chisels **No. 102**: W. 23; 23; L. 200; 300 mm
1 cross-cut chisel **No. 103**: W. 17; L. 150 mm
1 centre punch **No. 105**: Ø 10 mm
5 pin punches **No. 108**: Ø 3; 4; 5; 6; 8 mm
2 engineer's hammers **No. 10961**: 500; 800 g
1 dead blow hammer **No. 10959**: Ø 40 mm
1 gasket scraper **No. 12718**: L. 265 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96830223	350	530	40	3/3	13	4452

TCS 10956/10961/2



Hammer set

— safely integrated in the modular Tool Control System (TCS)

Contains 2-pieces:

1 engineer's hammer **No. 10961**: 500 g

1 nylon hammer **No. 10956**: Ø 32 mm

Product no.	L mm	W mm	H mm	Size	Content pcs.	g
96838194	350	175	45	1/3	2	1130



SCRAPING AND DEBURRING TOOLS.

10757



Four-sided bradawl
— to pre-punch and mill leather, plastic, and other soft materials, such as wood
— for easy starting of wood screws
— with 3-component handle

Product no.	Version	L mm	Blade mm	g
77593000	nickel-plated blade	215	6 x 100	137

10758



Round awls
— to pre-punch leather, plastic, and other soft materials, such as wood
— for easy starting of wood screws
— with 3-component handle

Product no.	Version	L mm	Blade mm	g
77592000	matt chrome-plated blade	215	6 x 100	82
77592001	matt chrome-plated blade	280	6 x 175	104

10669



Fine scraper
— 3-edged hollow profile scraper blades with a black plastic protective cap
— blade made of chromium-alloyed tool steel
— black plastic handle

Product no.	L mm	W mm	H mm	Blade mm	g
72060100	147	20	15	25 x 8	28

10670



Triangular special scrapers
— blade made of chromium-alloyed tool steel
— with 3-component handle

Product no.	L mm	W mm	H mm	g
72063101	210	34	34	106
72063103	260	34	34	124
72063104	285	34	34	140
72063105	310	34	34	152

10672



Flat scrapers
— Chrome Alloy Steel blade
— with 3-component handle

Product no.	Dimensions mm	L mm	W mm	H mm	g
72053104	20 x 315 x 5	315	20	34	227
72053105	25 x 365 x 5	365	25	34	367

10676



Triangular bearing scraper
— Chrome Alloy Steel blade
— with 3-component handle

Product no.	L mm	W mm	H mm	g
72083103	315	12	85	160



10677-10681



Plastic scrapers
— fiberglass reinforced plastic
— for damage-free removal of seals, sealants, and residues (especially in the aerospace sector)
— high visibility bright green

Product no.	Model	L mm	Blade shape	b mm	g
72060200	10677	170	wide	32	28
72060201	10678	170	medium width	22	26
72060202	10679	170	narrow	13	26
72060203	10680	174	slanted	32	24
72060204	10681	175	sharp	6	24

10682/5



Plastic scraper set
— in a sturdy polyester textile case with hook-and-loop fastener
— a compact storage solution to keep your tools safe
— embroidered STAHLWILLE logo

Contains 5-pieces:
5 plastic scrapers **No. 10677-10681**: wide, medium, narrow, angled, pointed blade

Product no.	L mm	W mm	H mm	Content pcs.	g
96722700	205	105	40	5	240

10356



Glass scraper
— for removing residues of adhesive and stickers from glass
— with a 0.3 mm thick interchangeable blade, and a protective cap

Product no.	L mm	W mm	g
74270005	165	40	85

10356R



Spare blades
— 10-pieces in a magazine

Product no.	for model	L mm	W mm	H mm	Content pcs.	g
79270015	10356	61	40	3	10	52

12374



Steel wire brushes
— steel wire bristles, thickness 0.35 mm, smooth
— beechwood brush body
— with 2 hanging holes at end of handle, front, and side
— PEFC standard certified
— Made in Germany

Product no.	Model	Stock mm	L mm	Rows	g
77090001	12374/1	140	290	3	100
77090000	12374/2	140	290	4	129
77090003	12374/3	140	285	5	148

12376



Gas stove brush
— brass bristles, thickness 0.25 mm, corrugated
— 2 rows of bristles
— wooden brush body
— PEFC standard certified
— Made in Germany

Product no.	Stock mm	L mm	Rows	g
77090101	90	200	2	46

12377



Wire brush
— with brass coated steel bristles

Product no.	L mm	g
77090010	270	140

13115



Brass wire brush
— for working on soft, light metal
— brass wire bristles, thickness 0.3 mm, corrugated
— 4 rows of bristles
— wooden brush body
— with hanging hole at the end of the handle
— PEFC standard certified
— Made in Germany

Product no.	L mm	Rows	g
77470001	280	4	134

12378



File brush
— with scratch tape
— wooden brush body
— PEFC standard certified
— Made in Germany

Product no.	L mm	g
77250000	260	74

GRINDING AND CUTTING TOOLS.

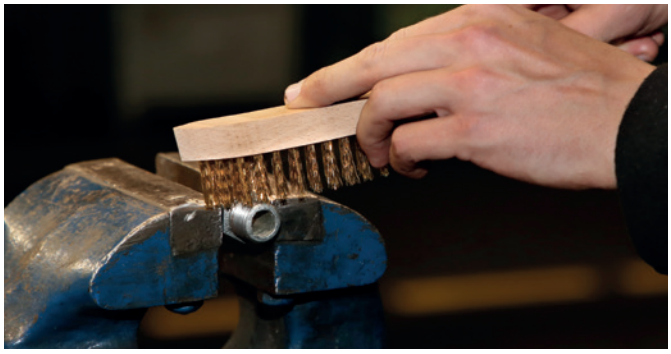
12025



3K

Round file
— Cut 2
— with 3-component handle
— DIN 8349

Product no.	L mm	Blade length mm	g
72123100	300	190	118



12030



3K

Half round file
— Cut 2
— with 3-component handle
— DIN 8349

Product no.	L mm	Blade length mm	g
72133100	380	260	339

12035



3K

Triangular file
— Cut 2
— with 3-component handle
— DIN 8349

Product no.	L mm	Blade length mm	g
72143100	310	200	201

12036



3K

Flat file
— Cut 2
— with 3-component handle
— DIN 8349

Product no.	L mm	Blade length mm	g
72173102	380	260	305

12371



3K

Brake caliper file
— to remove brake dust, rust, and dirt from the brake pad (disc brakes)
— with 3-component handle

Product no.	L mm	Blade length mm	g
74543101	270	155	130

12800



Warding file set
— for deburring, finishing, fitting, and repair work
— DIN 7283
— in a sturdy polyester textile case with hook-and-loop fastener
— a compact storage solution to keep your tools safe
— embroidered STAHLWILLE logo
Contains 6-pieces:
1 file each: triangular, round, half-round, square, flat blunt, flat pointed: blade length: 100 mm

Product no.	L mm	Content pcs.	g
72230001	100	6	165

13100



Needle file set
— in a sturdy polyester textile case with hook-and-loop fastener
— a compact storage solution to keep your tools safe
— embroidered STAHLWILLE logo
Contains 6-pieces:
1 file each: round, half-round, triangular, square, flat blunt, flat pointed

Product no.	L mm	Content pcs.	g
96722801	140	6	50

12050



Hacksaw
— die-cast aluminium body
— grey powder-coated grip with anti-slip protection
— the saw blade is clamped using a wing nut
— 300 mm/12" HSS bi-metal saw blade

Product no.	L mm	Tooth density	g
72211000	450	24 TPI	464

12050 R

Spare hacksaw blades for No. 12050
— 10-pieces
— HSS bi-metal saw blade

Product no.	L mm	Tooth density	g
79180001	300	24 TPI	174

12053



Hacksaw
— chromium-alloyed tool steel
— with fiberglass reinforced plastic handle
— saw blade 150 mm

Product no.	L mm	Tooth density	g
72210002	252	32 TPI	159

12053 R

Spare hacksaw blades for No. 12053
— 6-pieces
— chromium-alloyed tool steel

Product no.	L mm	Tooth density	g
79180002	158	32 TPI	20

12000



Thread restorers
— for restoring internal and external threads
— sand-blasted design

Product no.	Model	L mm	g
72101002	12000/WW	230	122
72101003	12000/SAE	230	118
72101004	12000/ISO	230	115

ISO		Ww		SAE/USS
Pitch mm	metr. thread	threads per inch	Whitworth thread	threads per inch
0,80	5	24	3/16 + 7/32	24
1,00	6 + 7	20	1/4	20
1,25	8 + 9	18	5/16	18
1,50	10 + 11	16	3/8	16
1,75	12	14	7/16	14
2,00	14 + 16	12	1/2 + 9/16	13
2,50	18, 20, 22	11	5/8 + 11/16	12
3,00	24 + 27	10	3/4 + 13/16	11

13155



2K

All-purpose scissors

— scissor blades made from titanium-plated stainless steel
— clamp protection from stop buffers
— ideal for thin sheet metal, plastics, leather, cardboard, etc.
— with 2-component handles

Product no.	L mm	g
75271000	237	180

6630



Cable shears

— for copper and aluminium cables
— simple, clean cut with one-handed operation
— special cutting geometry prevents pressure marks, and frayed ends
— adjustable joint
— with anti-squeeze protection
— not suitable for steel or armoured cables

Product no.	L mm	g
66305220	220	290

13148



2K

Wire cutters

— stainless steel scissor blades, 1 blade with serrated edge
— stop buffers offer clamp protection
— with 2-component handles

Product no.	L mm	g
75270003	150	93

12320



Cable knife

— stainless blade with wire stripper

Product no.	L mm	Blade mm	g
77020000	111	90	78

12965



Safety knife

— suitable for cutting cardboard, rubber, leather, wood, etc.
— adjustable blade length using sliding button
— spare blades can be stored in the handle
— blade change without additional tools
— body made of zinc casting
— with hanging hole

Product no.	L mm	g
77621001	174	200

12965-1



Automatic safety knife

— suitable for cutting cardboard, rubber, leather, wood, etc.
— with automatic blade retraction
— spare blades can be stored in the handle
— blade change without additional tools
— body made of zinc casting
— with hanging hole

Product no.	L mm	g
77621002	174	197

12965R



Spare blades

— for safety and automatic knives
— 5-pieces

Product no.	for model	L mm	g
79250001	12965, 12965-1	61	25

12965-2



Snap-off blade cutter
— suitable for cutting cardboard, rubber, leather, wood, etc.
— with 3 snap-off blades (1 blade mounted, 2 blades in magazine)
— slider with blade lock
— with blade breaker and protective cap
— with stainless steel sliding guide
— body made of zinc casting

Product no.	L mm	b mm	g
77621003	145	9	60

12965-2R



Snap-off blades
— 10-pieces

Product no.	for model	L mm	b mm	g
79251003	12965-2	104	9	26

12965-3



Snap-off blade cutter
— suitable for cutting cardboard, rubber, leather, wood, etc.
— with 3 snap-off blades (1 blade mounted, 2 blades in magazine)
— slider with blade lock
— automatic blade reload
— with a stainless steel blade guide and a hanging hole
— ergonomic design with synthetic rubber insert
— body made of zinc casting

Product no.	L mm	b mm	g
77621004	168	18	249

12965-3R



Snap-off blades
— 10-pieces

Product no.	for model	L mm	b mm	g
79251004	12965-3	117	18	75

12967



Stripping knife with hooked blade
— for round and longitudinal cuts of the outer insulation of the cable
— precise, fast and secure stripping of all common round cables
— infinitely variable cutting depth adjustment prevents damage to the internal wires

Product no.	Ø mm min.	Ø mm max.	g
77620010	4	28	82



12967R

Spare blades
— for stripping knife with hooked blade

Product no.	for model	L mm	g
79250010	12967	112	2

MEASURING, MARKING, TESTING TOOLS.

12321



Scriber
— with a knurled body
— 1 straight and 1 angled blade
— blades with gun metal finish

Product no.	L mm	g
77100000	250	31

12322



Tungsten carbide scriber
— straight
— sturdy shank with carbide tip
— re-grindable
— holder with clip

Product no.	L mm	g
77100001	150	40

10554



EURO voltage tester
— design according to EN standard
— tested in accordance with the current VDE-GS standard
— with plastic handle and clip
— AC 100-250 V

Product no.	L mm	W mm	g
77450001	190	3.5	37

13110



Steel ruler
— metric-inch scales

Product no.	L mm	H mm	Divisions top edge "	Division bottom edge mm	g
77460001	300	1	1/16, 1/32, 1/64	0.5; 1	26

13112 2M



Folding ruler
— accuracy class III
— dual scales
— folding mechanism made of hardened steel
— dirt-resistant spring rod joint for high tension
— 90° angle lock on all links
— dual 180° display on each link
— water-resistant, scratch-resistant
— CE mark
— glass-fibre reinforced special plastic, painted black

Product no.	L m	W mm	H mm	g
77470003	2	36	16	105

12935



Tape measures
— with lock
— metric-inch scales

Product no.	L m	g
77040010	3	92
77040011	5	164

12900/4



Electronic tyre-tread caliper
— large LCD with excellent readability, digit height 9.5 mm
— display accuracy 0.01 mm/0.0005"
— on/off button
— unit of measure can be switched between mm/inch
— zeroing possible in any position
— incl. 1 x 3 V battery (type CR2032) packaged according to UN 3091, class 9

Product no.	Measuring range mm/"	g
77371005	25/1	60

12900/3



Tyre-tread caliper
— vernier 0.1 mm
— brass

Product no.	L mm	Measuring range mm	g
77371004	100	0-30	41

12900/1



Calipers digital
— with metal casing cover and metal push buttons
— mechanical parts in stainless, hardened steel
— including thumb wheel for the user to fit if required
— large LCD with excellent readability, digit height 9 mm
— display accuracy 0.01 mm/0.0005"
— fine-ground and lapped measuring tips
— on/off button
— with depth gauge
— unit of measure in mm or inch, zero position at any position
— incl. 2 x 3 V battery (type CR2032) packaged according to UN 3091, class 9
— in a sturdy plastic case

Product no.	L mm	Measuring range mm/"	g
77371002	250	150/6	312
91050002 *	250	150/6	302

* 91050002 version as 77371002, but without battery **(no hazardous goods)**

12900



Caliper
— metric-inch scales
— made of stainless steel
— vernier $^{1}/_{20}$ mm and $^{1}/_{128}$"
— delivered in a pouch
— DIN 862

Product no.	Measuring range mm/"	g
77371001	150/6	185

12665



Screw pitch gauges
— for 0.25 to 6 mm and 4 to 62 t.p.i (metric/Whitworth threads)

Product no.	Number of blades	g
77270003	52	70

REWORKING TOOLS.

12615



Nut splitters
— galvanised
— mechanical
— for releasing stuck or overtightened nuts up to grade 8
— prevents damage to the thread
— while the spindle is being screwed in, the nut splitter body must be prevented from twisting with a combination wrench
— cutting edge made of high-grade alloy steel

Product no.	Model	for nuts mm	max. torque N·m	g
71250011	12615/1	10-18	40	193
71250012	12615/2	19-27	60	386

900



Screw extractors EXTRACTOR
— extraction tool for removing damaged screws or threaded bolts
— with square drive
— for right-hand threads

Product no.	for screws	L mm	■ mm	■ "	recom-mended drill size	g
71010001	M3-M4 $^{1}/_{8}$-$^{5}/_{32}$"	49	3	$^{1}/_{8}$	2 mm $^{5}/_{64}$"	3
71010002	M5-M7 $^{3}/_{16}$-$^{1}/_{4}$"	54	3.4	$^{9}/_{64}$	3 mm $^{7}/_{64}$"	6
71010003	M8 $^{5}/_{16}$"	59	4.9	$^{3}/_{16}$	5 mm $^{3}/_{16}$"	12
71010004	M10-M12 $^{3}/_{8}$-$^{7}/_{16}$"	65	7	$^{9}/_{32}$	6.4 mm $^{1}/_{4}$"	25
71010005	M14-M16 $^{1}/_{2}$-$^{9}/_{16}$"	88	9	$^{23}/_{64}$	8 mm $^{5}/_{16}$"	50
71010006	M18-M22 $^{5}/_{8}$-$^{3}/_{4}$"	95	12	$^{31}/_{64}$	12 mm $^{15}/_{32}$"	103

900/6T



Screw extractor set EXTRACTOR
— in a sturdy polyester textile case with hook-and-loop fastener
— a compact storage solution to keep your tools safe
— embroidered STAHLWILLE logo

Contains 6-pieces:
6 screw extractors **No. 900**: M3-M4; M5-M7; M8-M11; M10-M12; M14-M16; M18-M22

Product no.	Content pcs.	g
96710101	6	230

901



Screw extractors
— extraction tool for removing damaged screws or threaded bolts
— with hex drive
— with centre punch and double cutting edge
— suitable for right-hand and left-hand threads

Product no.	for screws	L mm	⬣ mm	⬣ "	recommended drill size	g
71050001	$^{3}/_{16}$-$^{1}/_{4}$" M5-M6	60	6.35	$^{1}/_{4}$	3.2 mm $^{1}/_{8}$"	6
71050002	$^{5}/_{16}$-$^{3}/_{8}$" M8-M10	67	9.5	$^{3}/_{8}$	4.8 mm $^{3}/_{16}$"	16
71050003	$^{7}/_{16}$-$^{1}/_{2}$" M10-M12	75	12.7	$^{1}/_{2}$	6.4 mm $^{1}/_{4}$"	30
71050004	$^{1}/_{2}$-$^{9}/_{16}$" M12-M16	90	15.9	$^{5}/_{8}$	9.5 mm $^{3}/_{8}$"	60
71050005	$^{5}/_{8}$-$^{3}/_{4}$" M16-M20	90	19	$^{3}/_{4}$	11.1 mm $^{7}/_{16}$"	100

901/5T



Screw extractor set

— in a sturdy polyester textile case with hook-and-loop fastener
— a compact storage solution to keep your tools safe
— embroidered STAHLWILLE logo

Contains 5-pieces:

5 screw extractors **No. 901**: $^{3}/_{16}$-$^{1}/_{4}$" M5-M6; $^{5}/_{16}$-$^{3}/_{8}$" M8-M10; $^{7}/_{16}$-$^{1}/_{2}$" M10-M12; $^{1}/_{2}$-$^{9}/_{16}$" M12-M16; $^{5}/_{8}$-$^{3}/_{4}$" M16-M20

Product no.	Content pcs.	g
96710505	5	248

12915



Ratchet tap holders

— with 2-jaw chuck for fixed clamping of square shanks
— switchable for right and left-hand operation as well as 'fixed'
— made completely of steel, chrome-plate

Product no.	Size	Span mm	for threads	L mm	g
77390001	1	2,0-5,0	M3-M8	85	180
77390002	2	4,6-8	M5-M12	110	305

905/25



Thread extractor set

— M5-M16, $^{3}/_{16}$-$^{5}/_{8}$"
— in a black plastic cassette

Contains 25-pieces:

5 HSS high performance spiral drills (3.2; 4.8; 6.4; 8; 8.7 mm)
5 extraction pins made from special steel size 1-5 for threads M5-M16
5 extraction nuts size 1-5
10 drill bits size 1-10

Product no.	for threads	Content pcs.	g
96713025	M5-M16	25	605



906

Spare parts

— 1 extraction pin and 1 extraction nut each packaged in a plastic bag

Product no.	Model	for model	for threads	g
71310001	906/1	905/25	M5-M6 $^{3}/_{16}$-$^{1}/_{4}$"	5
71310002	906/2	905/25	M7-M8 $^{1}/_{4}$-$^{5}/_{16}$"	10
71310003	906/3	905/25	M10 $^{3}/_{8}$"	33
71310004	906/4	905/25	M12 $^{7}/_{16}$"	46

INSPECTION TOOLS.

12920N



Telescopic mirror
— extendable, non-twisting telescopic pole with folding mirror
— ball joint (swivels 180°), self-clamping
— ergonomically shaped non-slip handle

Product no.	Mirror dimensions mm	L mm	W mm	H mm	g
77401001	65 x 43	310-750	43	35	65

12920N R1



Replacement mirror

Product no.	for model	Mirror dimensions mm	g
79401001	12920N	65 x 43	39

12921M



Telescopic stainless steel mirrors
— unbreakable stainless steel mirrors (FOD-prevention)
— no screw connections (FOD-prevention)
— stainless steel telescopic arm
— ball joint (swivels 180°), self-clamping
— special chemical resistant plastic handle allows for firm grip and safe working

Product no.	Mirror dimensions mm	L mm	g
77401032	Ø 32	171-699	60
77401045	45 x 70	178-927	76
77401057	Ø 57	178-921	70
77402550	25 x 50	178-914	59

12921N



Telescopic mirrors
— extendable, non-twisting telescopic pole with folding mirror
— ball joint (swivels 180°), self-clamping
— ergonomically shaped non-slip handle

Product no.	Mirror dimensions mm	L mm	g
77401030	Ø 30	265-705	108
77401040	Ø 40	275-715	115
77401050	Ø 50	285-725	110
77401060	Ø 60	295-735	130

12921NR



Replacement mirrors

Product no.	for model	Mirror dimensions mm	g
79401030	12921N 30	Ø 30	10
79401040	12921N 40	Ø 40	15
79401050	12921N 50	Ø 50	20
79401060	12921N 60	Ø 60	27

13120N



Telescopic mirror
— with lighting (LED) and batteries (approx. 150 hours of light)
— for inspection of hard to reach joints
— the LED light source is removable and can be used separately as a penlight
— mirror with 5x magnification
— with a non-rotating oval telescopic rod

Product no.	Mirror dimensions mm	L mm	g
77480002	Ø 55	310-750	235

13120R



Replacement concave mirror

Product no.	for model	Mirror dimensions mm	g
79401055	13120N	Ø 55	22

12600



Magnetic lifters

— flexible magnetic lifter with ergonomically shaped handle
— for use in the workshop, industry, and household
— enables the recovery of nuts, bolts, and other small metallic parts from tight spaces

Product no.	Lifting capacity g	L mm	Ø mm	g
77260027 [1]	270	500	5	30
77260025	500	460	8	70
77260060	1800	525	15	230
77260200	3000	535	19	297

[1] Mini magnet lifter with extremely small yet very powerful head

12601

Pen magnet lifter

— enables the recovery of nuts, bolts, and other small metallic parts from tight spaces
— telescopic extension increases the possible applications
— strong neodymium magnet with impressive lifting capacity
— made of high-quality galvanised brass
— the clip allows the magnetic lifter to be attached to shirt pockets, for example
— the built-in scriber is protected by a cap

Product no.	Lifting capacity g	L mm	Ø mm	g
77260026	500	150 - 660	6	26

650 MS



Magnetic tray

— easy attachment with rubberised magnetic base
— for bolts, nails, bits, and other small metallic parts
— chrome-plated steel
— resistant to water as well as weak acids and alkalis

Product no.	H mm	Ø mm	g
90432779	22	108	190

12922



Claw lifters

— flexible body with ergonomically shaped handle
— for use in the workshop, industry, and household
— enables the recovery of nuts, bolts, and other small parts from tight spaces

Product no.	L mm	Ø mm	g
77401103	540	6	113
77407203	540	8	148

13130



Tweezers

— straight
— with rounded tips
— fine-toothed jaws
— special steel, stainless

Product no.	L mm	W mm	g
77500001	160	13	26

13131



Tweezers

— curved
— with rounded tips
— fine-toothed jaws
— special steel, stainless

Product no.	L mm	W mm	g
77510001	155	15	30

TORCHES AND CONSTRUCTION TOOLS.

13124



Torch

— Ex-rated for zone 0, 20
— powerful, extremely durable 2 watt LEDs
— sturdy, electrically non-conductive, corrosion-resistant housing made of ABS/polycarbonate
— high impact resistance and reduced glare due to rubberised light head
— consistently bright beam for more than 80% of the life of the alkaline batteries due to eLED electronics
— adjustable beam (narrow and wide) by turning of the head piece
— rubberised front pressure switch for permanent and temporary light
— waterproof to IP68 in water depths up to 3 m
— hydrogen scrubber catalyst, battery contacts with polarity indicator, and a pressure equalisation valve reduce the risk of explosion
— quick change battery compartment for quick battery replacement
— brightness: 165 lm (wide), 122 lm (narrow)
— lighting range: 232 m (wide), 387 m (narrow)
— lighting duration: 5 hours
— batteries: 4 batteries AA/LR06, alkaline, 1.5 V (not included in delivery)
— certifications: SEV 17 ATEX 0158 X, II 1G Ex ia op is IIC T4 Ga, II 1D Ex ia op is IIIC T75°C Da

Product no.	Brightness lm	L mm	W mm	H mm	g
77490010	165, 122	157.5	35.6	40.6	60

13128



Torch

— high-end power LED
— rapid change of the light beam between spot light and flood light by single-handed slide mechanism
— switch with easy-grip profile for switching between continuous light in 2 brightness levels and flashing
— quick change battery holder for quick replacement of batteries
— brightness: 320 lm
— lighting range: 260 m
— lighting duration: up to 50 hours
— batteries: 4 AAA/LR03 micro-batteries, 1.5 V (not included)
— CE and UKCA certified

Product no.	Brightness lm	L mm	W mm	H mm	g
77490006	320	130	37	37	250

13126-2



Penlight

— Ex-rated for zone 1
— powerful, extremely durable LEDs
— sturdy, electrically non-conductive, corrosion-resistant housing made of ABS/polycarbonate
— high impact resistance and reduced glare due to rubberised light head
— consistently bright beam for more than 80% of the life of the alkaline batteries due to eLED electronics
— rubberised front pressure switch for permanent and temporary light
— easy storage with built-in clip holder close to the lamp head
— waterproof to IP67 in water depths up to 1 m
— brightness: 40 lm
— lighting range: 67 m
— lighting duration: 2.5 hours
— batteries: 2 micro-batteries AAA/LR03, alkaline, 1.5 V (not included)
— certifications: II 2G Ex ib IIB T4 Gb, II 2D Ex ib IIIC T60 °C Db, SEV 11 ATEX 0174 X

Product no.	Brightness lm	L mm	W mm	H mm	g
77490012	40	132	22	24	55

13126-3



Headlamp

— Ex-proof for zones 0, 1, 2, 21, 22
— waterproof design for use in all weather conditions
— 3 selectable beam shapes: spot, scatter light and red scatter light
— 3 switchable power levels
— large switch can also be operated with thick gloves
— the LED lamp module is removable and can be used as a portable work light
— swivel button to adjust beam angle - no flimsy hinge
— with adjustable elastic textile strap
— durable, high-impact ABS/polycarbonate design
— waterproof to IP68 in water depths up to 10 m
— brightness/lighting duration: 250 lm at 3.7 h, 130 lm at 9.3 h, 60 lm at more than 30 h
— lighting range: 71/47/30 m (white), 15/10/6 m (red)
— permissible operating temperature range: -20 °C to +40 °C
— batteries: 3 batteries AAA/LR03, alkaline, 1.5 V (not included)
— certifications: SEV 21 ATEX 0528 X, II 1G Ex ia IIC T4 Ga, II 2D Ex ia IIIC T55°C Db

Product no.	Brightness lm	L mm	W mm	H mm	g
77490013	250, 130, 60	76	38	45	81

13132



Torch

— handy, compact design
— high-performance reflector system
— brightness: 130 lm
— lighting range: 75 m
— lighting duration: up to 4 h
— sturdy aircraft-grade aluminium body
— with practical clip
— protection class: IP54
— incl. 2 AAA 1.5 V batteries

Product no.	Brightness lm	L mm	Ø mm	g
77490014	130	138	15	55.5

13134



Work light

— compact design
— 4.5 W COB-LED
— adjustable brightness with 3 brightness levels: short-term boost (500 lm) / 100% (300 lm) / 30% (100 lm)
— lighting duration/brightness: 1.5 hours (300 lm) / 3 hours (100 lm)
— lighting range: max. 26 m
— rechargeable via USB-C connection
— charging time approx. 2.5 h
— integrated Li-ion battery 3.7 V/600 mah/2.22 Wh
— charging indicator light
— with carabiner for attaching to belts or bags
— for fastening to metal surfaces with holding magnet and magnetic base
— water and impact-proof housing
— protection class: IK07/IPX3
— accessories: USB-C charging cable (100 cm)

Product no.	Brightness lm	L mm	W mm	H mm	g
77490016	500	21	12	89	35

13136 SL



Penlight

— handy, compact version
— adjustable brightness with 3 brightness levels: short-term boost (850 lm) / 100 % (500 lm) / 50 % (250 lm)
— optimal focusing with the rotatable head
— lighting duration/brightness: 1.5 h (500 lm) / 3 h (250 lm)
— lighting range: max. 64 m
— rechargeable via USB-C connection
— charging time: approx. 2 h
— integrated Li-ion battery 3.7 V/720 mAh/2.664 Wh
— with charging indicator light
— with practical clip
— robust aluminium body
— protection class: IK05/IP65
— accessories: USB-C charging cable (100 cm)

Product no.	Brightness lm	L mm	Ø mm	g
77490017	850, 500, 250	148	19,5	72

13137 KL



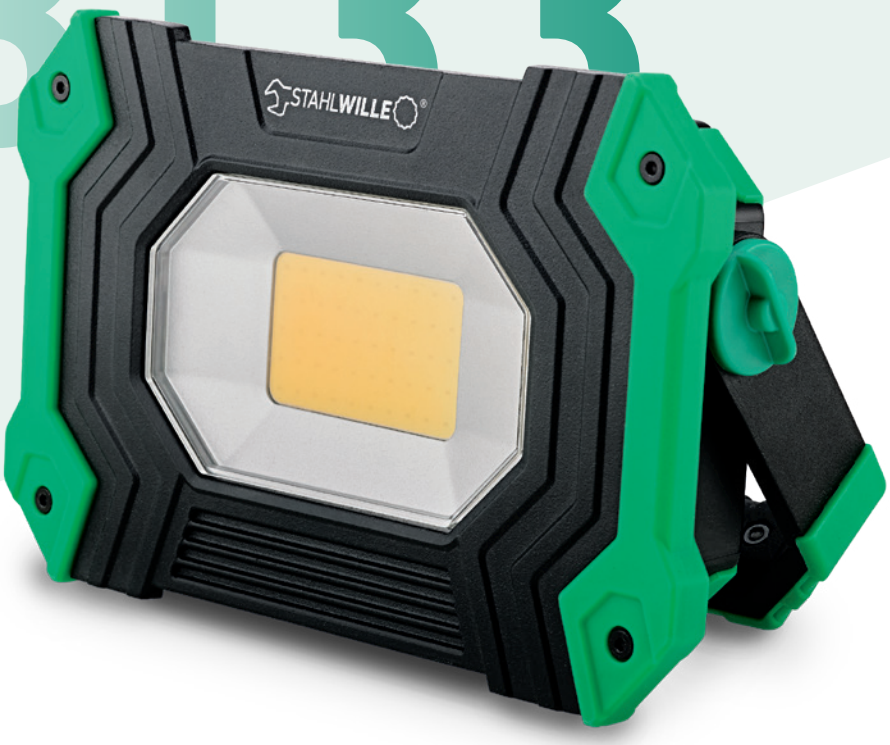
Headlamp

— adjustable brightness with 3 brightness levels and additional spot: 100 % (450 lm) / 25 % (110 lm) / 8 lm / spot (60 lm)
— lighting duration/brightness: 1.5 h (450 lm) / 4 h (110 lm) / 12 h (8 lm) / 9.5 h (60 lm)
— lighting range: max. 45 m
— lighting duration: up to 9.5 hours
— rechargeable via USB-C connection
— charging time: approx. 2.5 h
— integrated Li-ion battery 3.7 V/1,200 mAH/4.44 Wh
— with charge control, battery status, charging and warning indicator
— with practical sensor control
— protection class: IP20
— accessories: USB-C charging cable (100 cm)

Product no.	Brightness lm	L mm	W mm	H mm	g
77490018	450, 110, 60	320	32	27	99,5

STAHLWILLE CORDLESS SPOTLIGHTS –
For more safety and comfort.

13133





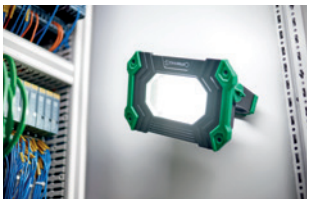
Flexible.

The 180° fully adjustable handle can also be used as a sturdy stand for precise illumination of the work area. The magnetic holder enables secure attachment to metal surfaces. The spotlight can also be hung by a rotatable hook.



Strong.

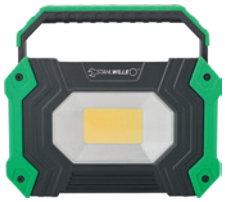
The powerful LED spotlight achieves a luminosity of up to 2,800 lumens, adjustable in three brightness levels:
100 % / 50 % / 25 %.



Customised.

Our spotlight is suitable for both indoor and outdoor use. Its shock-resistant housing with rubberised edges is dust and water spray resistant (IP64 certified).

13133



Work spotlight

— practical light source for home, hobby, trade, or industry
— 30 W COB-LED
— adjustable lighting modes with 3 brightness levels: 100% (2,800 lm) / 50% (1,400 lm) / 25% (700 lm)
— lighting time/brightness: 3 h (2,800 lm) / 7 h (1,400 lm) / 13 h (700 lm)
— lighting range: max. 61 m
— rechargeable via USB-C connection
— charging time: approx. 8 h
— integrated Li-ion battery 3.7 V/6,600 mAh/24.42 Wh with safety electronics
— with charge control and battery status indicator
— 180° adjustable handle/carry handle
— the magnetic holder enables secure attachment to metal surfaces.
— swivel hook for hanging
— suitable for indoor and outdoor use (IP64 certified)
— compact and flat storage

Product no.	Brightness lm	L mm	W mm	H mm	g
77490015	2800, 1400, 700	129	177	44	700

13138 HL



Hand lamp

— adjustable brightness with 2 brightness levels: 100 % (1,000 lm) / 50 % (380 lm)
— additional top LED with 180 lm
— lighting duration/brightness: 2.5 h (1,000 lm) / 4.5 h (380 lm) / 7 h (180 lm)
— lighting range: max. 60 m
— lighting duration: up to 7 h
— rechargeable via USB-C connection
— charging time: approx. 4 h
— integrated Li-ion battery 3.7 V/2,600 mAh/9.62 Wh
— with charge control and battery status indicator
— for attachment to metal surfaces with integrated magnets
— 2 hooks rotatable through 360° for hanging
— protection class: IK07/IP54
— accessories: USB-C charging cable (100 cm)

Product no.	Brightness lm	L mm	W mm	H mm	g
77490019	1000, 380	266	48	32	340

13139 DL





Duo work spotlight

— 2 fold-out 36 W SMD LED modules (can be swivelled and rotated 180°)
— adjustable brightness with 3 brightness levels: 100% (11,500 lm) / 50% (5,750 lm) / 20% (2,000 lm)
— lighting duration/brightness: 1.5 h (11,500 lm) / 3 h (5,750 lm) / 6 h (2,000 lm)
— lighting range: max. 21 m
— switch for changing light colours: 4,000K (3,500 lm in mains operation), 6,500K (3,700 lm in mains operation)
— lighting duration: up to 6 h
— dual power supply with mains and battery operation
— rechargeable via USB-A connection
— charging time: approx. 3 h
— integrated Li-ion battery pack 14.8 V/4,000 mAh/29.6 Wh with safety electronics
— with power bank function
— charging control, warning and remaining capacity display
— height-adjustable tripod: 1,171–1,980 mm, with handle, cable reel and ground spikes
— removable light head with 2 rotating hooks and 4 holding magnets
— protection class: IK07/IPX4
— accessory: power supply unit with 5 m cable

Product no.	Brightness lm	variable height mm	g
77490020	11.500/ 5.750/ 2.000	max. 1980	5960



245

VBW



Beton hooks
— suitable for fixing plasterboards to wall pillars, etc.
— with fixed strap
— forged, hardened tip
— galvanised
— storage in a bucket

Product no.	L mm	W mm	Content pcs.	g
87245005	150	85	150	170
87245006	150	115	100	210
87245010	210	85	100	210
87245011	210	115	50	250
87245012	340	160	50	540

2450

VBW



Beton hooks
— suitable for fixing plasterboards to wall pillars, etc.
— with moveable strap
— forged, hardened tip
— galvanised
— storage in a bucket

Product no.	L mm	W mm	Content pcs.	g
87245015	150	85	150	170
87245016	150	115	100	210
87245020	210	85	100	210
87245021	210	115	50	250
87245022	340	160	50	540

246

VBW



Cord pins
— suitable for tensioning strings to achieve straight cuts in tiling and paving work
— forged, hardened tip
— galvanised
— storage in a bucket

Product no.	L mm	Content pcs.	kg
87246005	150	300	29
87246010	340	200	34

12481



Putty knife
— beech wood handle

Product no.	L mm	W mm	g
77070000	212	60	65

WORKSHOP ACCESSORIES.

12251



Oil can
— made of plastic

Product no.	Capacity	g
77110002	0.25	60

12250



Oil spray can
— made of metal
— with brass pump

Product no.	Capacity	g
77010001	0.5	275



12 VDE tools



494 **VDE tool assortments and sets**

496 **VDE spanners**

497 **VDE drive parts**

499 **VDE sockets**

500 **VDE screwdrivers**

504 **VDE pliers**

506 **VDE workshop equipment and storage**

STAHLWILLE VDE TOOLS –
Outstanding, even under high voltage.

STAHLWILLE's VDE programme enables safe and efficient work under voltages of up to 1,000 volts. Certified according to strict VDE standard, the tools combine an application-optimised product design, high-quality materials, low tolerances, excellent ergonomics and long service life with durable and long-lasting protective insulation.

SAFE



Reliable.

The insulating plastic sheath of the MANOSKOP® 730 VDE provides reliable protection up to 1,000 volts, and is still non-slip, abrasion-resistant and resistant to diluted alkaline solutions, hydrocarbons, fuels and oils.

Adjustable.

Quick adjustment without disassembly – the adjusting screws are quickly and easily accessible using resealable openings. Once adjusted, the tool does not need to be sent in or checked again.

Quick.

Thanks to QuickSelect, the target torque is set in no time at all. It is also extremely accurate, as it can be read off in very precise increments on the secondary fine scale.



Versatile.

The entire STAHLWILLE VDE programme includes more than 130 products. Spanners, fine-tooth ratchets, torque wrenches, pliers and a variety of sockets – individually or neatly stored in the set box or case.

MADE IN CRONENBERG
MADE IN GERMANY

Flexible.

With the MANOSKOP® 730 VDE, the user can change the ratchet insert adaptor (⅜", 9 x 12 mm) without the need for a new dielectric breakdown test!

Wear-resistant.

The low-wear release system with bending beam works without a spring, and therefore does not require the torque wrench to be reset to '0'. This is the guarantee of consistently reliable measurement results, and saves time.

VDE TOOL ASSORTMENTS AND SETS.

13300 VDE



VDE tool set

— basic tool equipment for all electrical work
(for a detailed description of the case, see 13302/TR VDE)

Contains 48-pieces:

14 VDE sockets with bi-hex 3/8" **No. 12171 VDE**: 7; 8; 9; 10; 11; 12; 13; 14; 16; 17; 18; 19; 20; 22 mm
3 VDE screwdriver sockets TORX® 3/8" **No. 12174 VDE**: T20; T25; T30
2 VDE screwdriver sockets XZN® 3/8" **No. 12175 VDE**: M8; M10
3 VDE extensions 3/8" **No. 12167 VDE**: L. 94; 178; 258 mm
1 VDE QuickRelease fine-tooth ratchet 3/8" **No. 12165 VDE**: L. 205 mm
4 VDE slotted screwdrivers **No. 4660 VDE**: 0.4 x 2.5 x 75; 0.5 x 3.0 x 100; 0.6 x 3.5 x 100; 0.8 x 4.0 x 100 mm
3 VDE PH cross-head screwdrivers **No. 4665 VDE**: PH1; PH2; PH3
6 VDE TORX® screwdrivers **No. 4675 VDE**: T8; T10; T15; T20; T25; T30
1 VDE combination pliers **No. 6700 VDE**: L. 200 mm
1 VDE telephone pliers **No. 6730 VDE**: L 160 mm
1 VDE telephone pliers **No. 6731 VDE**: L. 200 mm
1 VDE water pump pliers **No. 6551 VDE**: L 250 mm
1 VDE side cutters **No. 6720 VDE**: L. 180 mm
1 VDE cable shears **No. 6630 VDE**: L. 220 mm
1 VDE cable knife **No. 12188 VDE**: Blade l. 40 mm
1 VDE barrier tape **No. 12191 VDE**: L. 500 m
1 VDE warning sign **No. 12192 VDE**
1 VDE prohibition sign **No. 12193 VDE**
5 VDE grommets with clamping cap **No. 12194 VDE**
5 VDE grommets with clamping cap **No. 12195 VDE**
1 VDE tool box, mobile **No. 13302/TR VDE**

Product no.	L mm	W mm	H mm	Content pcs.	kg
96838193	520	450	285	48	12.68

13302/TR VDE



VDE tool box

— smooth-running castors and integrated telescopic handle for convenient transport
— robust ABS case shells
— ergonomically designed carrying handle
— robust aluminium frame with impact edge protection
— 2 lockable flip-locks and a professional combination lock
— variable bottom section (2 aluminium dividers)
— 2 removable tool cards (with 15 and 22 slots)
— separate document compartment in lid
— max. load capacity: 30 kg

Product no.	L mm	W mm	H mm	kg
81620026	520	280	470	7









13215/19 VDE



VDE MultiUse tool set

Key features of the backpack trolley

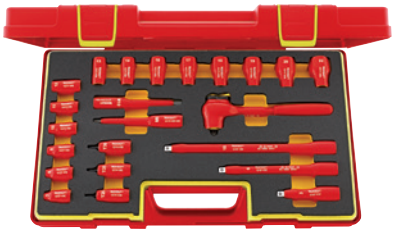
— sturdy tool backpack with reinforced base
— flexible use as a trolley or a backpack
— with smooth-running castors and telescopic handle for convenient transport
— padded straps for use as a backpack
— 2 easily removable tool cards for easy access to the most frequently used tools
— front pockets for documents and accessories
— padded notebook compartment (up to 15")

Contains 19-pieces:

1 VDE diagonal cutting pliers **No. 6720 VDE**: L 160 mm
1 VDE telephone pliers with cutting edge **No. 6730 VDE**: L. 200 mm
1 VDE wire strippers **No. 6780 VDE**: L 160 mm
1 engineer's hammer **No. 10961**: 300 g
1 grooving chisel **No. 110**: L. 240 mm
4 VDE slotted screwdrivers **No. 4661 VDE:** 0.6 x 3.5 x 100; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150 mm
2 VDE PH cross-head screwdrivers **No. 4666 VDE**: PH1; PH2
2 VDE PZ cross-head screwdrivers **No. 4671 VDE**: PZ1; PZ2
5 VDE TORX® screwdrivers **No. 4676 VDE**: T10; T15; T20; T25; T30
1 wooden folding ruler **No. 13112**: L. 2 m

Product no.	L mm	W mm	H mm	Content pcs.	kg
98810303	250	380	520	19	7.24

12171/19/4 VDE



VDE socket set

— in a sturdy, stackable ABS plastic box

Contains 23-pieces:

14 VDE sockets with bi-hex 3/8" **No. 12171 VDE**: 7; 8; 9; 10; 11; 12; 13; 14; 16; 17; 18; 19; 20; 22 mm
3 VDE screwdriver sockets TORX® 3/8" **No. 12174 VDE**: T20; T25; T30
2 VDE screwdriver sockets XZN® 3/8" **No. 12175 VDE**: M8; M10
3 VDE extensions 3/8" **No. 12167 VDE**: L. 94; 178; 258 mm
1 VDE QuickRelease fine-tooth ratchet 3/8" **No. 12165 VDE:** L. 205 mm

Product no.	L mm	W mm	H mm	Content pcs.	kg
96022020	470	274	80	23	3.06

TCS 12171/19/4 VDE



VDE tool set

— safely integrated in the modular Tool Control System (TCS)

Contains 23-pieces:

14 VDE sockets with bi-hex 3/8" **No. 12171 VDE**: 7; 8; 9; 10; 11; 12; 13; 14; 16; 17; 18; 19; 20; 22 mm
3 VDE screwdriver sockets TORX® 3/8" **No. 12174 VDE**: T20; T25; T30
2 VDE screwdriver sockets XZN® 3/8" **No. 12175 VDE**: M8; M10
3 VDE extensions 3/8" **No. 12167 VDE**: L. 94; 178; 258 mm
1 VDE QuickRelease fine-tooth ratchet 3/8" **No. 12165 VDE**: L. 205 mm

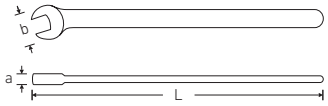
Product no.	L mm	W mm	H mm	Division	Content pcs.	kg
96830041	350	350	45	2/3	23	2.1

VDE SPANNERS.

12160 VDE



VDE open-ended spanners
- — **metric** spanner sizes
- — VDE insulated up to 1,000 V
- — protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
- — Chrome Alloy Steel, chrome-plated

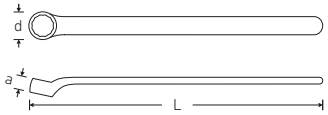


Product no.	mm	L mm	a mm	b mm	g
44180010	10	140.7	10.5	26	48
44180013	13	166.4	11.5	32.5	80
44180014	14	181	11.5	34.5	88
44180017	17	200	12.5	40	146
44180019	19	218	13	44.5	184
44180022	22	248	13.5	50	254

12161 VDE



VDE single-ended ring spanners
- — **metric** spanner sizes
- — bi-hex with AS-Drive profile
- — VDE insulated up to 1,000 V
- — protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
- — Chrome Alloy Steel, chrome-plated



Product no.	mm	L mm	a mm	d mm	g
44190010	10	147.6	13	19.6	48
44190013	13	171.2	15	23.6	82
44190014	14	184.1	15	25.1	82
44190017	17	208.3	17	29.1	144
44190019	19	227.1	18	32	190
44190022	22	254.2	19	36.3	238

TCS 12160 VDE





VDE open-ended spanner set
- — **metric** spanner sizes
- — safely integrated in the modular Tool Control System (TCS)

Contains 6-pieces:

6 VDE open-ended spanners **No. 12160 VDE**: 10; 13; 14; 17; 19; 22 mm

Product no.	L mm	W mm	H mm	Division	Content pcs.	g
96830042	350	175	30	1/3	6	900

12160/6 VDE



VDE open-ended spanner set
- — **metric** spanner sizes
- — in rugged polyester roll-up tool pouch with hook-and-loop fastener
- — mesh inserts allow visibility of the tools
- — a compact storage solution to keep your tools safe
- — embroidered STAHLWILLE logo

Contains 6-pieces:

6 VDE open-ended spanners **No. 12160 VDE:** 10; 13; 14; 17; 19; 22 mm

Product no.	Content pcs.	g
96404301	6	950



12161/6 VDE

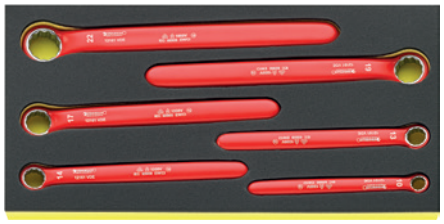


VDE single-ended ring spanner set
— **metric** spanner sizes
— in rugged polyester roll-up tool pouch with hook-and-loop fastener
— mesh inserts allow visibility of the tools
— a compact storage solution to keep your tools safe
— embroidered STAHLWILLE logo

Contains 6-pieces:
6 VDE single-ended ring spanners **No. 12161 VDE**: 10; 13; 14; 17; 19; 22 mm

Product no.	Content pcs.	g
96404302	6	430

TCS 12161 VDE





VDE single-ended ring spanner set
— **metric** spanner sizes
— safely integrated in the modular Tool Control System (TCS)

Contains 6-pieces:
6 VDE single-ended ring spanners **No. 12161 VDE**: 10; 13; 14; 17; 19; 22 mm

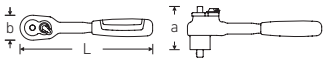
Product no.	L mm	W mm	H mm	Content pcs.	g
96830045	350	175	40	6	885

VDE DRIVE PARTS.

12165 VDE



VDE QuickRelease fine-tooth ratchet
— $^{3}/_{8}$" external square output
— reversible
— 80 teeth
— with QuickRelease security lock
— with a double insulated plastic shell for work with voltage
— with a working angle of just 4.5°, for working in tight spaces
— FOD-preventive due to screwless design
— VDE insulated up to 1,000 V
— protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
— with 2-component handle



Product no.	■ "	L mm	a mm	b mm	∠	g
12430001	$^{3}/_{8}$	197	61	37	4.5 °	298







80 teeth, capable of withstanding 1,000 V.

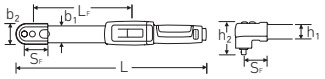
The $^{3}/_{8}$" VDE fine-tooth ratchet features the compact shape, perfect functionality and ergonomics of STAHLWILLE fine-tooth ratchets and offers optimum voltage protection in accordance with VDE standards.

730R VDE



VDE torque wrenches MANOSKOP®

— tactile dual stop signal
— with $^{3}/_{8}$" ratchet insert (tool holder 9 x 12 mm)
— replace the ratchet adaptor 725QR VDE without having to check the insulation again
— no reset to '0' required, since measuring element is only loaded during tightening
— with QuickRelease safety lock
— fast, precise adjustment with QuickSelect quick adjustment
— protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
— with insulating sleeve made of glass-fibre reinforced polyamide plastic
— the insulation is resistant to many liquids such as alkalis, fuels or oils
— double scale of N·m/ft·lb resp. N·m/in·lb
— low-wear triggering mechanism
— readjustment without disassembly and without checking the insulation again
— calibration certificate in accordance with DIN EN ISO 6789-2:2017
— **accuracy ± 3%**



Product no.	Size	N·m	ft·lb	in·lb	N·m	ft·lb	in·lb	fine scale	L mm	b_1 mm	b_2 mm	h_1 mm	h_2 mm	L_F mm	S_F mm	Weigth kg
96550125	2.5	4-25	-	40-220	2	-	10	0.2 N·m	337	35	45	30	56	253.5	28	1.19
96550150	5	10-50	7-37	-	5	1	-	0.25 N·m	391.5	35	45	30	56	308.5	28	1.37

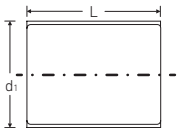


VDE SOCKETS.

12171 VDE



VDE sockets
- bi-hex with AS-Drive profile
- 3/8" internal square drive
- VDE insulated up to 1,000 V
- protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
- HPQ® high performance steel, chrome-plated

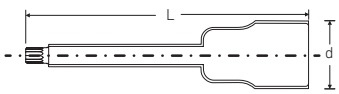


Product no.	mm	L mm	d_1 mm	g
02380007	7	42	15,5	24
02380008	8	43	16,7	26
02380009	9	43	18	28
02380010	10	45	19,3	28
02380011	11	45	20,6	29
02380012	12	46	21,9	36
02380013	13	48	23	36
02380014	14	48	24,4	40
02380016	16	49	26,7	48
02380017	17	49	28	54
02380018	18	50	29,2	58
02380019	19	50	30,2	58
02380020	20	52	31,2	68
02380022	22	53	33,7	78

12175 VDE



VDE screwdriver sockets
- for trisquare screws XZN®
- 3/8" internal square drive
- VDE insulated up to 1,000 V
- protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
- Chrome Alloy Steel, gun metal finish

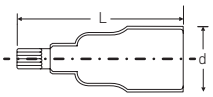


Product no.	Size	L mm	∅ (d) mm	g
02370006	M6	136	23	100
02370008	M8	136	23	98
02370010	M10	136	23	122

12174 VDE



VDE screwdriver sockets
- for recessed TORX® screws
- 3/8" internal square drive
- VDE insulated up to 1,000 V
- protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
- Chrome Alloy Steel, gun metal finish

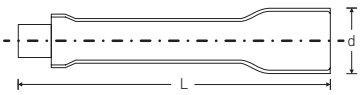


Product no.	Size	L mm	∅ (d) mm	g
02390020	T20	67	22,8	52
02390025	T25	67	22,8	52
02390030	T30	67	22,8	54
02390040	T40	67	22,8	56
02390045	T45	67	22,8	58

12167 VDE



VDE extensions
- 3/8" internal square drive
- VDE insulated up to 1,000 V
- protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
- Chrome Alloy Steel, chrome-plated



Product no.	Size	■ "	L mm	∅ (d) mm	g
12420001	3	3/8	94	23	84
12420002	6	3/8	178	23	162
12420003	10	3/8	258	23	224

432 VDE



VDE square drive adaptor
- 3/8 to 1/2"
- VDE insulated up to 1,000 V
- protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
- HPQ® high performance steel, chrome-plated

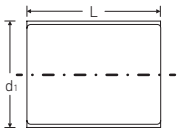
Product no.	■ "	L mm	∅ (d) mm	g
12030005	1/2	68	22,6	84

12179 VDE



VDE sockets

— bi-hex with AS-Drive profile
— 1/2" internal square drive
— VDE insulated up to 1,000 V
— protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
— HPQ® high performance steel, chrome-plated



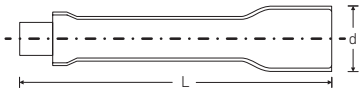
Product no.	mm	L mm	d_1 mm	g
03370010	10	56	19,5	60
03370011	11	56	20,8	64
03370012	12	56	22	64
03370013	13	56	23,3	64
03370014	14	56	24,9	70
03370017	17	56	29	82
03370019	19	56	31,2	94
03370022	22	60	34,7	116
03370024	24	60	37	130

12177 VDE



VDE extensions

— 1/2" square drive
— VDE insulated up to 1,000 V
— protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
— Chrome Alloy Steel, chrome-plated



Product no.	Size	■ "	L mm	∅ (d) mm	g
13420001	3	1/2	93	27	130
13420002	5	1/2	148	27	206
13420003	10	1/2	273	27	380

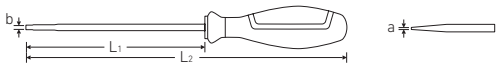
VDE SCREWDRIVERS.

4660 VDE



VDE electrician's slotted screwdrivers DRALL+

— for slotted screws
— VDE insulated up to 1,000 V
— protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
— gunmetal finished blade tip
— 3-component handle with laser marking
— Chrome Alloy Steel



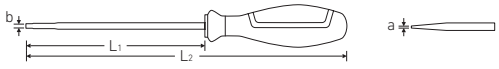
Product no.	Size	a mm	b mm	L_1 mm	L_2 mm	g
46603025	1	0.4	2.5	75	160	20
46603030	2	0.5	3	100	185	39
46603035	3	0.6	3.5	100	205	42
46603040	4	0.8	4	100	205	46
46603055	5	1.0	5.5	125	240	93
46603065	6	1.2	6.5	150	265	120
46603080	7	1.2	8	175	300	170

4661 VDE



VDE slotted screwdrivers DRALL+

— for slotted screws
— reduced blade diameter to reach deep joints
— blade with integrated protective insulation
— VDE insulated up to 1,000 V
— protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
— gunmetal finished blade tip
— 3-component handle with laser marking
— Chrome Alloy Steel



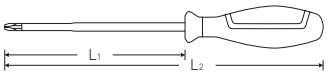
Product no.	Size	a mm	b mm	L_1 mm	L_2 mm	g
46613035	3	0.6	3.5	100	205	51
46613040	4	0.8	4	100	205	55
46613055	5	1.0	5.5	125	240	103
46613065	6	1.5	6.5	150	265	125

4665 VDE



VDE PH cross-head screwdrivers DRALL+

- for PHILLIPS® screws
- VDE insulated up to 1,000 V
- protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
- gunmetal finished blade tip
- 3-component handle with laser marking
- Chrome Alloy Steel



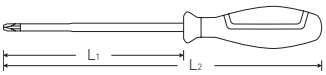
Product no.	Size	L_1 mm	L_2 mm	g
46653000	PH0	60	145	35
46653001	PH1	80	185	47
46653002	PH2	100	215	89
46653003	PH3	150	275	159

4670 VDE



VDE PZ cross-head screwdrivers DRALL+

- for POZIDRIV® screws
- VDE insulated up to 1,000 V
- protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
- gunmetal finished blade tip
- 3-component handle with laser marking
- Chrome Alloy Steel



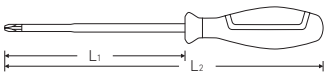
Product no.	Size	L_1 mm	L_2 mm	g
46703000	PZ0	60	145	36
46703001	PZ1	80	185	46
46703002	PZ2	100	215	89

4666 VDE



VDE PH cross-head screwdrivers DRALL+

- for PHILLIPS® screws
- reduced blade diameter to reach deep joints
- blade with integrated protective insulation
- VDE insulated up to 1,000 V
- protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
- gunmetal finished blade tip
- 3-component handle with laser marking
- Chrome Alloy Steel



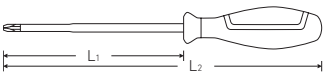
Product no.	Size	L_1 mm	L_2 mm	g
46663001	PH1	80	185	55
46663002	PH2	100	215	105

4671 VDE



VDE PZ cross-head screwdrivers DRALL+

- for POZIDRIV® screws
- reduced blade diameter to reach deep joints
- blade with integrated protective insulation
- VDE insulated up to 1,000 V
- protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
- gunmetal finished blade tip
- 3-component handle with laser marking
- Chrome Alloy Steel



Product no.	Size	L_1 mm	L_2 mm	g
46713001	PZ1	80	185	44
46713002	PZ2	100	215	55

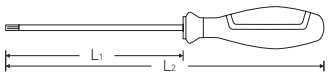


4675 VDE



VDE TORX® screwdrivers DRALL+

— for recessed TORX® screws
— VDE insulated up to 1,000 V
— protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
— gunmetal finished blade tip
— 3-component handle with laser marking
— Chrome Alloy Steel



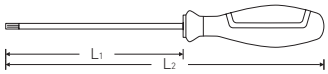
Product no.	Size	L_1 mm	L_2 mm	g
46753008	T8	60	145	22
46753010	T10	60	145	22
46753015	T15	75	180	40
46753020	T20	100	205	47
46753025	T25	100	205	51
46753030	T30	100	215	89

4676 VDE



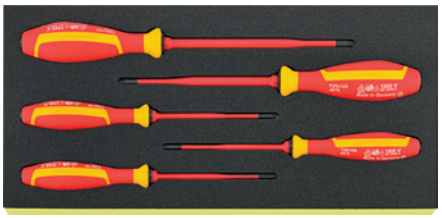
VDE TORX® screwdrivers DRALL+

— for recessed TORX® screws
— reduced blade diameter to reach deep joints
— blade with integrated protective insulation
— VDE insulated up to 1,000 V
— protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
— gunmetal finished blade tip
— 3-component handle with laser marking
— Chrome Alloy Steel



Product no.	Size	L_1 mm	L_2 mm	g
46763010	T10	100	215	27
46763015	T15	100	205	55
46763020	T20	100	205	55
46763025	T25	125	240	58
46763030	T30	150	265	106

TCS 4676/5 VDE



VDE TORX® screwdriver set DRALL+

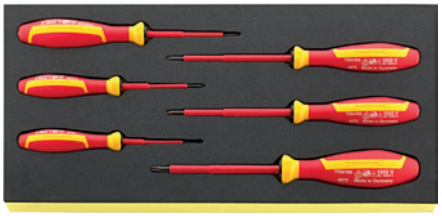
— safely integrated in the modular Tool Control System (TCS)

Contains 5-pieces:

5 VDE TORX® screwdrivers **No. 4676 VDE**: T10; T15; T20; T25; T30

Product no.	L mm	W mm	H mm	Division	Content pcs.	g
96838815	350	175	45	1/3	5	730

TCS 4675 VDE



VDE TORX® screwdriver set DRALL+

— safely integrated in the modular Tool Control System (TCS)

Contains 6-pieces:

6 VDE TORX® screwdrivers **No. 4675 VDE**: T8; T10; T15; T20; T25; T30

Product no.	L mm	W mm	H mm	Division	Content pcs.	g
96838793	350	175	40	1/3	6	385

VDE certification mark

In the world of tools, the distinctive triangular VDE certification mark signifies compliance with the highest safety requirements in production. It guarantees that any hand tool bearing this mark meets strict electrical, mechanical, and other safety requirements for safe everyday use.

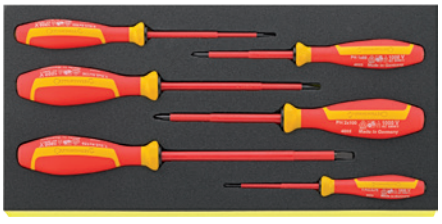
TCS 4665/4670 VDE



VDE screwdriver set DRALL+
— safely integrated in the modular Tool Control System (TCS)
Contains 7-pieces:
4 VDE PH cross-head screwdrivers **No. 4665 VDE**: PH0; PH1; PH2; PH3
3 VDE PZ cross-head screwdrivers **No. 4670 VDE**: PZ0; PZ1; PZ2

Product no.	L mm	W mm	H mm	Division	Content pcs.	g
96838785	350	175	40	1/3	7	622

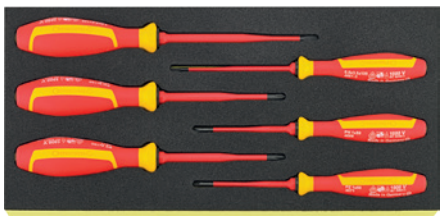
TCS 4660/4665 VDE



VDE screwdriver set DRALL+
— safely integrated in the modular Tool Control System (TCS)
Contains 6-pieces:
4 VDE slotted screwdrivers **No. 4660 VDE**: 0.4 x 2.5 x 75; 0.6 x 3.5 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150 mm
2 VDE PH cross-head screwdrivers **No. 4665 VDE**: PH1; PH2

Product no.	L mm	W mm	H mm	Division	Content pcs.	g
96838766	350	175	40	1/3	6	391

TCS 4661/4671 VDE



VDE screwdriver set DRALL+
— safely integrated in the modular Tool Control System (TCS)
Contains 6-pieces:
2 VDE slotted screwdrivers **No. 4661 VDE**: 0.6 x 3.5 x 100; 1.0 x 5.5 x 125 mm
2 VDE PH cross-head screwdrivers **No. 4666 VDE**: PH1; PH2
2 VDE PZ cross-head screwdrivers **No. 4671 VDE**: PZ1; PZ2

Product no.	L mm	W mm	H mm	Division	Content pcs.	g
96838814	350	175	72	1/3	6	800

TCS 4661/4666 VDE



VDE screwdriver set DRALL+
— safely integrated in the modular Tool Control System (TCS)
Contains 6-pieces:
4 VDE slotted screwdrivers **No. 4661 VDE**: 0.6 x 3.5 x 100; 0.8 x 4.0 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150 mm
2 VDE PH cross-head screwdrivers **No. 4666 VDE**: PH1; PH2

Product no.	L mm	W mm	H mm	Division	Content pcs.	g
96838816	350	175	45	1/3	6	780



4695 VDE



VDE screwdriver set DRALL+

Contains 6-pieces:

4 VDE slotted screwdrivers **No. 4660 VDE**: 0.4 x 2.5 x 75; 0.6 x 3.5 x 100; 1.0 x 5.5 x 125; 1.2 x 6.5 x 150 mm

2 VDE PH cross-head screwdrivers **No. 4665 VDE**: PH1; PH2

Product no.	L mm	W mm	H mm	Content pcs.	g
96469515	350	175	40	6	595

4798 VDE



Set of interchangeable VDE screwdrivers

— automatic locking to prevent unintentional removal

Contains 14-pieces:

1 VDE 2-component reversible handle

1 VDE rotary cap, attachable

6 VDE interchangeable slotted blades: 2.5 x 0.4; 3.0 x 0.5; 3.5 x 0.6; 4.0 x 0.8; 5.5 x 1.0; 6.5 x 1.2 mm

2 VDE interchangeable PH cross-head blades: PH1; PH2

1 VDE interchangeable PZ cross-head blade: PZ2

3 VDE interchangeable TORX® blades: T10; T15; T20

Product no.	L mm	W mm	H mm	Content pcs.	g
96469511	229	134	54	14	814



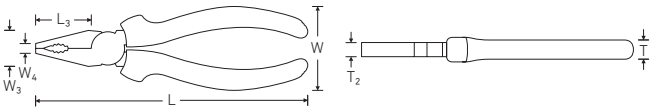
VDE PLIERS.

6700 VDE



VDE combination pliers

— with fine and coarse serrated gripping area and cutting function
— for gripping, holding and cutting cables as well as soft and hard wire
— drop-forged from tempered steel
— cutting edges with additional induction hardening to approx. 64 HRC
— VDE insulated up to 1,000 V
— protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
— chrome-plated
— with 2-component handle
— DIN ISO 5746



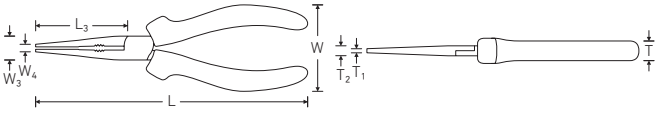
Product no.	L mm	L_3 mm	T mm	T_2 mm	W mm	W_3 mm	W_4 mm	g
67004160	160	34	28	10.5	60	24	6	215
67004180	180	38	30	11.5	60	26	7	280
67004200	200	42	31	12.3	63	29	8	345

6730 VDE



VDE telephone pliers

— straight with cutting edge and burner hole
— for gripping, holding and cutting cables as well as soft and hard wire
— with burner hole for holding nuts and stud bolts
— half round, tapered jaws with serrated gripping surfaces
— drop-forged from tempered steel
— cutting edges with additional induction hardening to approx. 64 HRC
— VDE insulated up to 1,000 V
— protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
— chrome-plated
— with 2-component handle
— DIN ISO 5745



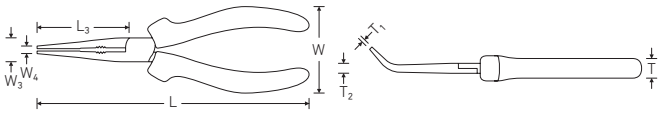
Product no.	L mm	L_3 mm	T mm	T_1 mm	T_2 mm	W mm	W_3 mm	W_4 mm	g
67304160	160	47	28	3.5	9.5	54	20	3.5	160
67304200	200	70	29	4	11	58	20	5	200

6731 VDE



VDE telephone pliers

- curved with cutting edge and burner hole
- for gripping, holding and cutting cables as well as soft and hard wire
- with burner hole for holding nuts and stud bolts
- half round, curved jaws with serrated gripping surfaces
- drop-forged from tempered steel
- cutting edges with additional induction hardening to approx. 64 HRC
- VDE insulated up to 1,000 V
- protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
- chrome-plated
- with 2-component handle
- DIN ISO 5745



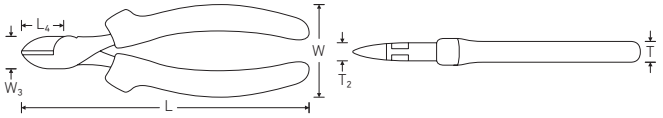
Product no.	L mm	L_3 mm	T mm	T_1 mm	T_2 mm	W mm	W_3 mm	W_4 mm	∠	g
67314160	160	43	28	3.5	9.5	56	18	3.5	45	160
67314200	200	63	43	4	11	58	20	5	45	220

6720 VDE



VDE side cutters

- side cutters with semicircular head for cutting cables, soft and hard wires, including piano wire
- bevelled cutting edges
- drop-forged from tempered steel
- cutting edges with additional induction hardening to approx. 64 HRC
- VDE insulated up to 1,000 V
- protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
- chrome-plated
- with 2-component handle
- DIN ISO 5749



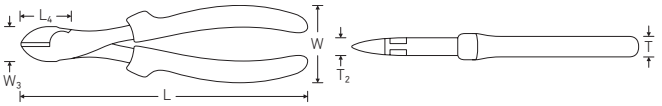
Product no.	L mm	L_4 mm	T mm	T_2 mm	W mm	W_3 mm	g
67204140	140	19	29	11	60	20	185
67204160	160	19	30	11	62	22	240
67204180	180	21	32	11.5	63	24	270

6721 VDE



VDE heavy-duty side cutters

- heavy-duty side cutters with compact head for cutting all types of wire
- drop-forged from tempered steel
- cutting edges with additional induction hardening to approx. 64 HRC
- VDE insulated up to 1,000 V
- protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
- chrome-plated
- with 2-component handle
- DIN ISO 5749



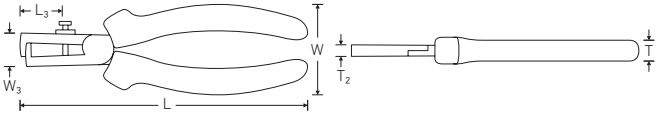
Product no.	L mm	L_4 mm	T mm	T_2 mm	W mm	W_3 mm	g
67214160	160	16	28	11	62	26	215
67214180	180	21	30	12	64	30	300
67214200	200	20	30	12	64	32	300

6780 VDE



VDE wire stripper

- mechanical wire stripper with set screw and opening spring for easy removal of the insulation from electrical conductors e.g. conventional or stranded wires
- for single, multi-stranded and finely stranded conductors
- drop-forged from tempered steel
- cutting edges also induction hardened to approx. 44 HRC
- VDE insulated up to 1,000 V
- protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
- chrome-plated
- with 2-component handle



Product no.	L mm	L_3 mm	T mm	T_2 mm	W mm	W_3 mm	Ø min. mm^2	Ø max. mm^2	g
67804160	160	26	29	9.5	58	18	5	10	190

6551 VDE



VDE water pump pliers
- with a box joint and a recess
- quick adjustment, 7 positions
- VDE insulated up to 1,000 V
- protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
- protection against pinch/crush injuries
- chrome-plated
- DIN ISO 8976 (No. 207 C)

Product no.	L mm	Jaw opening max. mm	Positions	g
65517250	240	35	7x	390

6630 VDE



VDE cable shears
- for copper and aluminium cables
- simple, clean cut with one-handed operation
- special cutting geometry prevents pressure points and splintered ends
- adjustable screw joint
- VDE insulated up to 1,000 V
- protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
- protection against pinch/crush injuries
- not suitable for steel wire and steel reinforced cables
- chrome-plated

Product no.	L mm	g
66307220	220	380

VDE WORKSHOP EQUIPMENT AND STORAGE.

12187 VDE



VDE cable knife
- with a straight blade
- VDE insulated up to 1,000 V
- protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
- handle made of tough, impact-resistant plastic
- with blade protection

Product no.	L mm	Blade mm	g
77020700	215	50	98

12188 VDE



VDE cable knife
- with a hook blade
- for slicing and stripping moisture proof cables
- VDE insulated up to 1,000 V
- protective insulation according to IEC 60900-AC 1,000 V / DC 1,500 V
- handle made of tough, impact-resistant plastic
- with blade protection

Product no.	L mm	Blade mm	g
77020701	210	40	96

12189 VDE



VDE insulating underlay mat
- protection mat for electrical control rooms
- temperature resistance from -30 °C to +70 °C
- non-slip and stable
- one side smooth, one side ribbed
- tested according to IEC 6111 Class 0 / 1,000 V VDE 0680-1:2010-04, DIN EN 61111:2009

Product no.	L mm	W mm	H mm	g
77030700	1000	1000	3	3040

12190 VDE



VDE bag
- for VDE insulating underlay mat
- high-quality textile bag with carrying handle and adjustable shoulder strap

Product no.	L mm	W mm	H mm	g
77030701	1000	300	65	784

12196 VDE



VDE insulating underlay mat in a bag
— protection mat for electrical control rooms
— temperature resistance from -30 °C to +70 °C
— non-slip and stable
— one side smooth, one side ribbed
— high-quality textile bag with carrying handle and adjustable shoulder strap
— tested according to IEC 6111 Class 0 / 1,000 V VDE 0680-1:2010-04, DIN EN 61111:2009

Product no.	L mm	W mm	H mm	kg
96404303	1000	300	3	3.82

12191 VDE



VDE barrier tape
— red/white blocked
— for the cordoning off of hazardous areas
— full warning effect even with prolonged use (light resistance: 5-6)
— made of polyethylene

Product no.	W mm	L m	kg
77030702	80	500	1.36

12192 VDE



VDE warning sign
— warning of dangerous electrical voltage
— made of plastic
— DIN EN ISO 7010-W012

Product no.	W mm	H mm	g
77030705	200	200	27

12193 VDE



VDE prohibitory sign
— 'Do not switch on' warning sign
— made of plastic
— DIN 4844, BGV A8

Product no.	d mm	g
77030706	200	48

12194/12195 VDE



VDE self clamping cable-end cap
— for insulating cable ends and single wires
— made of a tough insulating material
— with cross-section closure

Product no.	d mm	L mm	g
77030708	10	100	10
77030709	20	100	18

TORX® SCREW SIZES ACCORDING TO DIN.



DIN	931/933	912	963/965	964/966	7984	7985	7991	7981	7982	7983
M 2										
ST 2.2										
M 2.5		T8	T8	T8						
ST 2.9								T8	T8	T8
M 3	E4	T10	T10	T10	T10	T10	T10			
M 3.5			T15	T15		T15				
ST 3.5								T10	T10	T10
ST 3.9								T15	T15	T15
M 4	E5	T20	T20	T20	T20	T20	T20			
ST 4.2								T20	T20	T20
ST 4.8								T25	T25	T25
M 5	E6	T25	T25	T25	T25	T25	T25			
ST 5.5								T25	T25	T25
M 6	E8	T30	T30	T30	T30	T30	T30			
ST 6.3								T30	T30	T30
M 7										
M 8	E10	T45	T40	T45	T45	T45	T40			
M 10	E12	T50	T50	T50	T50	T50	T50			
M 12	E14	T55			T55					
M 14	E18	T60			T60					
M 16	E20	T70			T70					
M 18	E24	T80			T80					
M 20	E24	T90			T90					
M 22		T100*								
Camcar Licence sheet	TMF-16001	TMF-17012	TMF-17065	TMF-17066	TMF-17069	TMF-17085	TMF-17091	TMF-17081	TMF-17082	TMF-17083

*Special screw

Screw correlation for TORX® tools

Size	mm	Screws metric	Screws "
T5	1.4	M1.4 – M2	–
T6	1.6	M2	–
T7	2.0	M2.5	2.2
T8	2.3	M2.5	–
T9	2.5	M3	2.9
T10	2.7	M3 – M3.5	–
T15	3.3	M3.5 – M4	3.5
T20	3.8	M4 – M5	4.2
T25	4.4	M4.5 – M5	4.8
T27	5.0	M4.5 – M5 – M6	–
T30	5.5	M6 – M7	–
T40	6.6	M7 – M8	–
T45	7.8	M8 – M10	–
T50	8.8	M10	–
T55	11.2	M12	–
T60	13.2	M14	–
T70	15.5	M16	–
T80	17.6	M18	–
T90	19.9	M20	–
T100	22.1	M22	–

Screw correlation for TORX® tools

Size	mm	Screws metric	Screws "
E4	3.8	M3	2.2 – 2.9
E5	4.7	M4	–
E6	5.7	M5	–
E7	6.2	M6	–
E8	7.5	M6 – M7	3.5 – 4.2
E10	9.4	M8	–
E11	10.1	–	–
E12	11.1	M10	–
E14	12.9	M12	–
E16	14.7	M12	–
E18	16.6	M14	–
E20	18.4	M16	–
E24	22.1	M18 – M20	–

INCH POUND/FOOT POUND – NEWTON METER.

Inch pound (in·lb) – Newton meter (N·m)

	0	10	20	30	40	50	60	70	80	90
in·lb					N·m					
0	0.0	1.1	2.3	3.4	4.5	5.7	6.8	7.9	9.0	10.2
100	11.3	12.4	13.6	14.7	15.8	17.0	18.1	19.2	20.3	21.5
200	22.6	23.7	24.9	26.0	27.1	28.3	29.4	30.5	31.6	32.8
300	33.9	35.0	36.2	37.3	38.4	39.6	40.7	41.8	42.9	44.1
400	45.2	46.3	47.5	48.6	49.7	50.9	52.0	53.1	54.2	55.4
500	56.5	57.6	58.8	59.9	61.0	62.2	63.3	64.4	65.5	66.7
600	67.8	68.9	70.1	71.2	72.3	73.5	74.6	75.7	76.8	78.0
700	79.1	80.2	81.4	82.5	83.6	84.8	85.9	87.0	88.1	89.3
800	90.4	91.5	92.7	93.8	94.9	96.1	97.2	98.3	99.4	100.6
900	101.7	102.8	104.0	105.1	106.2	107.4	108.5	109.6	110.7	111.9
1000	113.0	114.1	115.3	116.4	117.5	118.7	119.8	120.9	122.0	123.2
1100	124.3	125.4	126.6	127.7	128.8	130.0	131.1	132.2	133.3	134.5
1200	135.6	136.7	137.9	139.0	140.1	141.3	142.4	143.5	144.6	145.8
1300	146.9	148.0	149.2	150.3	151.4	152.6	153.7	154.8	155.9	157.1
1400	158.2	159.3	160.5	161.6	162.7	163.9	165.0	166.1	167.2	168.4
1500	169.5	170.6	171.8	172.9	174.0	175.2	176.3	177.4	178.5	179.7
1600	180.8	181.9	183.1	184.2	185.3	186.5	187.6	188.7	189.8	191.0
1700	192.1	193.2	194.4	195.5	196.6	197.8	198.9	200.0	201.1	202.3
1800	203.4	204.5	205.7	206.8	207.9	209.1	210.2	211.3	212.4	213.6
1900	214.7	215.8	217.0	218.1	219.2	220.4	221.5	222.6	223.7	224.9
2000	226.0	227.1	228.3	229.4	230.5	231.7	232.8	233.9	235.0	236.2
2100	237.3	238.4	239.6	240.7	241.8	243.0	244.1	245.2	246.3	247.5
2200	248.6	249.7	250.9	252.0	253.1	254.3	255.4	256.5	257.6	258.8
2300	259.9	261.0	262.2	263.3	264.4	265.6	266.7	267.8	268.9	270.1
2400	271.2	272.3	273.5	274.6	275.7	276.9	278.0	279.1	280.2	281.4
2500	282.5	283.6	284.8	285.9	287.0	288.2	289.3	290.4	291.5	292.7
2600	293.8	294.9	296.1	297.2	298.3	299.5	300.6	301.7	302.8	304.0
2700	305.1	306.2	307.4	308.5	309.6	310.8	311.9	313.0	314.1	315.3
2800	316.4	317.5	318.7	319.8	320.9	322.1	323.2	324.3	325.4	326.6
2900	327.7	328.8	330.0	331.1	332.2	333.4	334.5	335.6	336.7	337.9
3000	339.0	340.1	341.3	342.4	343.5	344.7	345.8	346.9	348.0	349.2
3100	350.3	351.4	352.6	353.7	354.8	356.0	357.1	358.1	359.3	360.5
3200	361.6	362.7	363.9	365.0	366.1	367.3	368.4	369.5	370.6	371.8
3300	372.9	374.0	375.2	376.3	377.4	378.6	379.7	380.8	381.9	383.1
3400	384.2	385.3	386.5	387.6	388.7	389.9	391.0	392.1	393.2	394.4
3500	395.5	396.6	397.8	398.9	400.0	401.2	402.3	403.4	404.5	405.7
3600	406.8	407.9	409.1	410.2	411.3	412.5	413.6	414.7	415.8	417.0

Foot pound (ft·lb) – Newton meter (N·m)

	0	1	2	3	4	5	6	7	8	9
ft·lb					N·m					
0	0.0	1.4	2.7	4.1	5.4	6.8	8.1	9.5	10.9	12.2
10	13.6	14.9	16.3	17.6	19.0	20.3	21.7	23.1	24.4	25.8
20	27.1	28.5	29.8	31.2	32.5	33.9	35.3	36.6	38.0	39.3
30	40.7	42.0	43.4	44.7	46.1	47.5	48.8	50.2	51.5	52.9
40	54.2	55.6	56.9	58.3	59.7	61.0	62.4	63.7	65.1	66.4
50	67.8	69.2	70.5	71.9	73.2	74.6	75.9	77.3	78.6	80.0
60	81.4	82.7	84.1	85.4	86.8	88.1	89.5	90.8	92.2	93.6
70	94.9	96.3	97.6	99.0	100.3	101.7	103.0	104.4	105.8	107.1
80	108.5	109.8	111.2	112.5	113.9	115.3	116.6	118.0	119.3	120.7
90	122.0	123.4	124.7	126.1	127.5	128.8	130.2	131.5	132.9	134.2
100	135.6	136.9	138.3	139.7	141.0	142.4	143.7	145.1	146.4	147.8
110	149.1	150.5	151.9	153.2	154.6	155.9	157.3	158.6	160.0	161.3
120	162.7	164.1	165.4	166.8	168.1	169.5	170.8	172.2	173.6	174.9
130	176.3	177.6	179.0	180.3	181.7	183.0	184.4	185.8	187.1	188.5
140	189.8	191.2	192.5	193.9	195.2	196.6	198.0	199.3	200.7	202.0
150	203.4	204.7	206.1	207.4	208.8	210.2	211.5	212.9	214.2	215.6
160	216.9	218.3	219.6	221.0	222.4	223.7	225.1	226.4	227.8	229.1
170	230.5	231.9	233.2	234.6	235.9	237.3	238.6	240.0	241.3	242.7
180	244.1	245.4	246.8	248.1	249.5	250.8	252.2	253.5	254.9	256.3
190	257.6	259.0	260.3	261.7	263.0	264.4	265.7	267.1	268.5	269.8
200	271.2	272.5	273.9	275.2	276.6	277.9	279.3	280.7	282.0	283.4
210	284.7	286.1	287.4	288.8	290.2	291.5	292.9	294.2	295.6	296.9
220	298.3	299.6	301.0	302.4	303.7	305.1	306.4	307.8	309.1	310.5
230	311.8	313.2	314.6	315.9	317.3	318.6	320.0	321.3	322.7	324.0
240	325.4	326.8	328.1	329.5	330.8	332.2	333.5	334.9	336.2	337.6
250	339.0	340.3	341.7	343.0	344.4	345.7	347.1	348.5	349.8	351.2
260	352.5	353.9	355.2	356.6	357.9	359.3	360.7	362.0	363.4	364.7
270	366.1	367.4	368.8	370.1	371.5	372.9	374.2	375.6	376.9	378.3
280	379.6	381.0	382.3	383.7	385.1	386.4	387.8	389.1	390.5	391.8
290	393.2	394.5	395.9	397.3	398.6	400.0	401.3	402.7	404.0	405.4
300	406.8									

SPANNER AND FASTENER SPECIFICATIONS.

Spanner opening Nominal width across flats		Metric sizes																American sizes								
			Thread diameters															Thread diameters · American standard ANSI								
			DIN ISO 272				ISO R 272 1968		German standard DIN					French standard	Swedish standard				Nuts				Bolts and screws			
Minimum dimension mm[1]	Maximum dimension mm[1]	Nominal size of wrench, mm	Standard hex	Large hex	Screw with flange	Nut with flange	Normal hex	Small hex	Normal hex[2]	Large hex[3]	Small hex[4]	Screw with flange[5]	Nut with flange[6]	NFE 27-111-1930[9]	Metric, large[8] SMS 1412	Metric, small[8] SMS 1414	Whitworth, large[8] SMS 1413	Whitworth, small[8] SMS 1415	Nominal Size of Wrench	**a** Normal (No)	**b** Square (No)	**c** Heavy (No)	**d** Machine Screw Nuts (No)	**e** Normal (No)	**f** Heavy (No)	**g** Machine Screws (No)	**h** Square Head Set Screws (No)
3.22	3.28	**3.2**	1.6				1.6		1.6																		
3.23	3.35																		**1/8**							1·2·3	
3.52	3.60	**3.5**																									
4.01	4.14													2.5					**5/32**				0·1			
4.02	4.12	**4**	2				2		2							2.3											
4.52	4.62	**4.5**														2.6											
4.83	4.95																		**3/16**				2·3			3·4·5	10
5.02	5.12	**5**	2.5				2.5		2.5					3		3											
5.21	5.33																		**13/64**								
5.52	5.62	**5.5**	3				3		3																		
5.59	5.72																		**7/32**								
6.00	6.13																		**15/64**								
6.03	6.15	**6**							3.5					3.5	3	3.5											
6.40	6.53																		**1/4**				4			6·8	1/4
6.82	6.97																		**17/64**								
7.03	7.15	**7**	4		5		4		4					4·4.5	3.5	4											
7.19	7.32																		**9/32**					10*			
7.62	7.77																		**19/64**								
8.03	8.18																		**5/16**				5·6			10·12	5/16
8.03	8.15	**8**	5		6	5	5		5		6	5	5	5	4	5											
8.41	8.56																		**21/64**								
8.81	8.97																		**11/32**				8				
9.03	9.15	**9**							(5)[7]					5.5	5												
9.60	9.75																		**3/8**				10	1/4*		1/4	3/8
10.04	10.19	**10**	6		8	6	6		6		8	6	6	6		6											
10.39	10.55																		**13/32**								
11.04	11.19	**11**	7				7		7						6	7		1/4									
11.18	11.33																		**7/16**	1/4	1/4		12·1/4	1/4			7/16
11.99	12.14																		**15/32**								
12.04	12.24	**12**						8						7		8											
12.80	12.95																		**1/2**	5/16		1/4		5/16		5/16	1/2
13.04	13.24	**13**	8		10	8	8		8		10	8	8				1/4	5/16									
13.60	13.77																		**17/32**								
14.05	14.27	**14**						10	(8)[7]					8	8												
14.38	14.55																		**9/16**	3/8	5/16	5/16	5/16	3/8		3/8	9/16
15.05	15.27	**15**			12	10						10	10			10	5/16	3/8									
15.18	15.36																		**19/32**								
15.98	16.15																		**5/8**		3/18		3/8	7/16			5/8
16.05	16.27	**16**	10	ZK:M10 M14					10		12	12		9													
16.77	16.95																		**21/32**								
17.05	17.30	**17**					10	12	(10)		(12)			10	10												
17.58	17.75																		**11/16**	7/16		3/8					
18.05	18.30	**18**	12	ZK:M12	14	12			12		16	14	12			12	3/8	7/16									
19.06	19.36	**19**					12	14	(12)		(16)			11													
19.18	19.38																		**3/4**	1/2	7/16	7/16		1/2			3/4
19.97	20.17																		**25/32**								
20.06	20.36	**20**																									
20.78	20.98																		**13/16**	1/2			9/16				
20.86	21.16	**20.8**		ZK:M14 M18																							
21.06	21.36	**21**	14	12	16	14			14	12		16	14	12		14	7/16	1/2									
22.06	22.36	**22**					14	16	(14)	12					12·14												
22.35	22.56																		**7/8**	9/16		1/2			1/2		7/8
23.06	23.36	**23**												14			1/2										
23.98	24.21																		**15/16**	5/8		9/16		5/8			
24.06	24.36	**24**	16	14		16	16	18	16		20		16			16		5/8									
24.76	24.99																		**31/32**								
25.06	25.36	**25**																									
25.55	25.78																		**1**		5/8						1
26.08	26.48	**26**		ZK:M18										16													
27.08	27.48	**27**	18	16	20		18	20	18	16		20			16	18											
27.13	27.36																		**1 1/16**			5/8			5/8		
28.08	28.48	**28**															5/8	3/4									
28.75	29.01																		**1 1/8**	3/4	3/4			3/4			1 1/8
29.08	29.48	**29**												18													
30.08	30.48	**30**	20	18		20	20	22	20		24		20			20											
30.34	30.59																		**1 3/16**								
31.93	32.18																		**1 1/4**			3/4			3/4		1 1/4
32.08	32.48	**32**					22	24	(22)	20				20	18·20	22											
33.08	33.48	**33**															3/4	7/8									
33.53	33.81																		**1 5/16**	7/8	7/8			7/8			
34.08	34.48	**34**	22	20					22	20						24											
35.10	35.60	**35**												22													
35.13	35.41																		**1 3/8**								1 3/8
36.10	36.60	**36**	24	22			24	27	24	22	30				22·24												

Spanner opening SW		Metric sizes																American sizes								
			Thread diameters															Thread diameters · American standard ANSI								
			DIN ISO 272				ISO R 272 1968		German standard DIN					French standard	Swedish standard				Nuts				Bolts and screws			
Minimum dimension mm[1]	Maximum dimension mm[1]	Nominal size of wrench, mm	Standard hex	Large hex	Screw with flange	Nut with flange	Normal hex	Small hex	Normal hex[2]	Large hex[3]	Small hex[4]	Screw with flange[5]	Nut with flange[6]	NFE 27-111-1930[8]	Metric, large[8] SMS 1412	Metric, small[8] SMS 1414	Whitworth, large[8] SMS 1413	Whitworth, small[8] SMS 1415	Nominal Size of Wrench	**a** Normal (No)	**b** Square (No)	**c** Heavy (No)	**d** Machine Screw Nuts (No)	**e** Normal (No)	**f** Heavy (No)	**g** Machine Screws (No)	**h** Square Head Set Screws (No)
36.73	37.01																		1 7/16			7/8			7/8		
37.10	37.60	37															7/8	1"								
38.10	38.60	38												24												
38.30	38.61																		1 1/2	1"	1"			1"			1 1/2
39.89	40.20																		1 9/16								
41.10	41.60	41	27	24			27	30	27	24					27												
41.50	41.81																		1 5/8			1"			1"		
42.10	42.60	42												27			1"	1 1/8								
42.67	42.93																										
43.08	43.38																		1 11/16	1 1/8	1 1/8			1 1/8			
44.70	45.03																		1 3/4								
46.10	46.60	46	30	27			30	33	30	27	36			30	30												
46.28	46.61																		1 13/16			1 1/8			1 1/8		
47.10	47.60	47															1 1/8	1 1/4								
47.88	48.21																		1 7/8	1 1/4	1 1/4			1 1/4			
50.10	50.60	50	33	30			33	36	33	30				33	33												
51.08	51.44																		2"			1 1/4			1 1/4		
52.10	52.60	52															1 1/4	1 3/8								
52.68	53.04																		2 1/16	1 3/8	1 3/8			1 3/8			
54.12	54.72	54												36													
54.25	54.61																		2 1/8								
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55.88	56.26																		2 3/16			1 3/8			1 3/8		
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57.45	57.84																		2 1/4	1 1/2	1 1/2			1 1/2			
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75.03	75.51																		2 15/16			1 7/8					
75.15	75.85	75	48				48		48		56				48		1 7/8	2"								
76.61	77.09																		3"					2"			
77.15	77.85	77												52													
79.81	80.31																		3 1/8			2"			2"		
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116.20	117.00	116												80													
118.08	118.77																		4 5/8			3"			3"		
120.20	121.00	120	85				85		85																		

ASME/ANSI B 18.2.2–1987

[1] Maximum and minimum dimensions for metric sizes according to DIN 475/2 series 1 and ISO 691 (machined tolerances), American sizes according to ANSI B 18.2.1 + ASME/ANSI B 18.2.2

[2] DIN ISO 4014, 4016, 4017, 4018, 4032, 4034, 4035, 4036, 8673, 8674, 8675, 8676, 8765, sizes in brackets only DIN 439, 555, 558, 601, 609, 610, 917, 931, 933, 934, 935, 936, 937, 960, 961, 979, 980, 985, 986, 1587, 2510/5, 6330, 6331, 7967, 7968, 79900

[3] DIN 6914, 6915, 7999 (SW 21 + 34)

[4] DIN 561, 564

[5] DIN 6921, 6922

[6] DIN 6923, 6926, 6927

[7] Standards prior to 1963

[8] old standards

[a] Hex Flat and Hex Flat Jam Nuts
Hex Nuts and Hex Jam Nuts
Hex Slotted Nuts
Hex Thick Nuts
Hex Thick Slotted Nuts
Hex Castle Nuts

[b] Square Nuts

[c] Heavy Square Nuts
Heavy Hex Flat Nuts
Heavy Hex Flat Jam Nuts
Heavy Hex Nuts
Heavy Hex Jam Nuts
Heavy Hex Slotted Nuts

ANSI B 18.2.1–1981

[d] ANSI B 18.6.3 – 1972

[e] Square Bolts
Hex Bolts
Hex Cap Screws
Lag Screws

[f] Heavy Hex Bolts
Heavy Hex Structural Bolts
Heavy Hex Screws

[g] ANSI B 18.6.3 – 1972 (R 1983)

[h] ANSI B 18.6.2 – 1972 (R 1983)

* Square Bolt and Lag Screws only

SP = Spark Plug

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Technologies and features

2-component handle
Our 2-component handle is non-slip and ergonomically designed. It is resistant to the most common oils, greases, fuels, brake fluids, and Skydrol. The arrow markings on the handle indicate the direction of operation.

3K DRALL®
The STAHLWILLE 3K DRALL® handle with non-slip, special fibre-coated surface enables fatigue-free working and maximum power transmission. An ingenious opening serves both as a hanging hole and as a lever hole for additional force and high torque.

3-component handle
Our 3-component handle combines hard and soft components, which give it its optimised ergonomics, maximum power transmission, and increased safety during daily use.

Anti-Slip-Drive
The special AS-Drive profile makes high force transmission to the flats of bolts and nuts possible without damaging them. This also prevents stripping of the screw head.

DKD-R 10-8 / DIN 51309
Our transducers for torque wrenches and torque testers are professionally calibrated in our DAkkS-accredited calibration laboratory. Depending on requirements, this is done either with a calibration certificate within the scope of our accreditation (according to DKD-R 10 8 or DIN 51309) or with a factory calibration certificate based on these guidelines.

Double-T profile
Our ring, open-ended and combination spanners have an additional recess in the middle of the tool. Similar to the principle of a double-T beam, this provides a tremendous load capacity and maximum strength whilst reducing weight.

DRALL+
Our DRALL+ handle is non-slip and ergonomic. An extended grip zone protects the fingers and a hand stop prevents the tool from accidentally slipping or rolling away.

Thin-walled rings
The thin-walled diameter of our rings makes it easier to work in confined spaces. The ring wall is deeper than standard nuts, which prevents jamming.

Spring mechanism with the 'click'
Our torque wrench uses a toggle lever as the switching mechanism. When the set torque is reached (click-type), the spring force is exceeded, causing the mechanism to slip and strike. This produces a clearly audible and perceptible 'click'.

Fine-tooth ratchet mechanism
Our fine-tooth ratchets with 80 teeth re-engage after just 4.5° for maximum precision in confined spaces. 8 pairs of parallel teeth simultaneously ensure maximum load-bearing capacity and particularly smooth running, even at high torques.

Foreign Object Damage
STAHLWILLE protects against FOD (Foreign Object Damage). Our tool is ideal for safety-relevant sectors such as aviation, thanks to the screwless design.

High Performance Quality (HPQ®)
Our HPQ® tool is made of wear-resistant high-performance steel, yet is thin-walled and lightweight. It withstands high torques and is ideal for work in confined spaces such as turbines.

HI-LOK™
HI-LOK™ fasteners are widely used in the aerospace industry. Our HI-LOK™ ratchet with centered channel guide for hex L-Keys is designed for safety-critical applications. The boltless design minimises the risk of FOD and ensures robust, vibration-resistant connections with high tensile strength.

Modular Inlay System
This flexible solution for tool storage makes it possible to customise your tool trolleys and workbenches with 1/6, 1/3, 2/3 or 3/3 foam inlays.

LightCUT®
The flat-oval, high-strength aluminium tubes of the LightCUT® range ensure a low weight, approximately half that of a comparable tool. For fatigue-free working and precise results.

Offset Shaft Design
Our spanners are specially designed with additional reinforcement in the load zones where the greatest amount of force is transmitted - namely where the jaw meets the shank - in order to prevent deformation.

QuickRelease
In torque wrenches, ratchets, and sockets:
The QuickRelease safety lock prevents unintentional loss of insert tools. These click securely into place, and are only released again at the push of a button for a quick tool change.
In transducers: The QuickRelease safety lock helps you to quickly mount and change transducers. The sensors lock into the calibration system adaptor and only unlock again at the push of a button.

QuickSelect
Lightning-fast target value setting: Unlock the adjustment knob, set the value, and lock the knob again.

Impact cap
Our DRALL+ screwdriver is equipped with a metal impact cap for use in extreme conditions, enabling the screwdriver to be impacted with a mallet or hammer.

Hex shank profile
Some of our DRALL+ screwdrivers have a hex shank profile at the base of the handle which can be used in conjunction with a spanner to apply more force when loosening tight screws.

SolutionCUT
The special pipe head geometry of this bolt cutter enables precise and clean cutting not only in the second layer, but also in deeper layers - for effortless and precise working even in hard-to-reach areas.

Tool Control System
The intelligent modular inlay system protects and organises the tools in tool boxes, tool trolleys and workbenches. Two-colour foam inlays make checking the completeness of the tools quick and easy.

Adjustment Lock
The target torque can be quickly adjusted using the adjustment knob. The knob can then be removed to prevent subsequent adjustment. The supplied locking screw (TORX® Tamper Resistant) and an adhesive seal provide additional protection against tampering.

VDE-DRALL+
Our VDE-DRALL+ handle is insulated to 1,000 V according to DIN EN 60900. It is non-slip and ergonomically shaped. An extended grip zone protects the fingers and a hand stop prevents the tool from accidentally slipping or rolling away.

Low-wear bending beam system
Our torque wrench is equipped with a low-wear release system with a bending beam. Unlike conventional torque wrenches with coiled springs, the bending beam is not subjected to any load until the tool is in operation, which means that the spring does not need to be reset to '0' after use.

DIN EN ISO 6789-2
Our torque wrenches and torque screwdrivers are professionally calibrated in accordance with DIN EN ISO 6789-2 and delivered with a corresponding calibration certificate. We also calibrate angle-controlled torque wrenches in accordance with VDI 2648-2. This ensures the accuracy and traceability of our tools.

EVERYTHING IN ONE PLACE. ALWAYS AVAILABLE.

The new service portal MySTAHLWILLE offers customers a wealth of options.

The MySTAHLWILLE service portal enables round-the-clock access to a variety of product and service related functions, such as product registration, software downloads, warranty and quotation requests, repair or calibration orders and much more. Everything in one place and available at any time.



Simple.

Setting up an individual customer account and registering tools in MySTAHLWILLE is quick and easy – in just a few steps. Once complete, users have access to all services in the portal.

Current.

The service portal always has the latest information on pending repair and calibration orders. Shipment and order status can be viewed here at any time.

Central.

Important information and resources can be accessed via the customer account: Delivery notes, repair reports, calibration documents as well as downloads of software, drivers and 3D product data.

SERVICE

Accredited.

We can also offer calibrations in our own DAkkS accredited laboratory, and not just for torque wrenches manufactured by STAHLWILLE.

Direct.

For each calibration or repair of a tool, a customer order can be created easily via the direct service option. The firm price for the respective services are visible immediately. Direct service is the quickest way to get your tool back in your possession.

Here's how it works:

1. Product selection and registration
2. Description of the fault
3. Service selection
4. Creation of confirmation and delivery note
5. Product shipment
6. Calibration, service and/or repair, with tracking
7. Return of serviced product

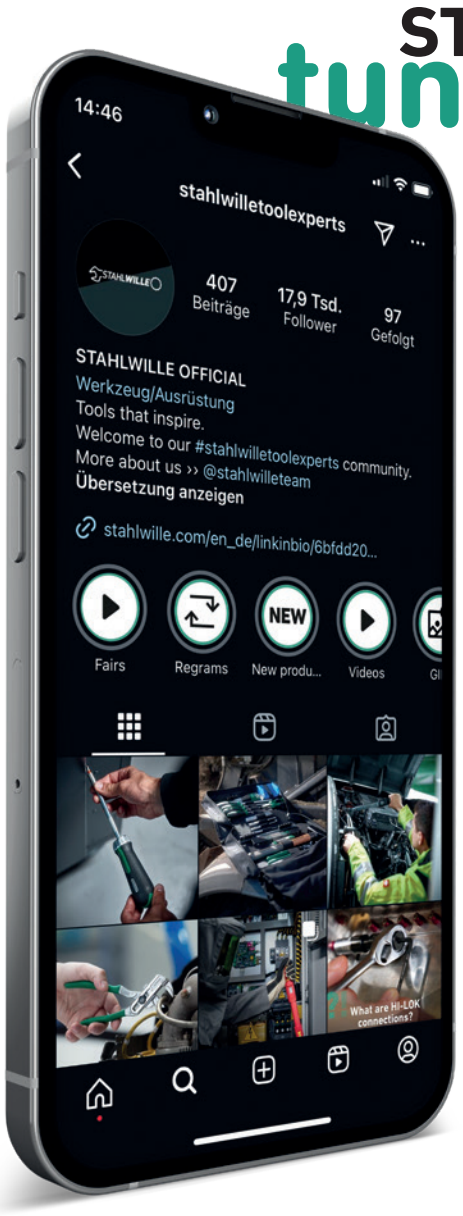


Discover the MySTAHLWILLE service portal.

Technical support can be reached quickly via MySTAHLWILLE. Experienced experts support you with all technical questions relating to your products.
service.stahlwille.com

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Or use this link: **https://stahlwille.com/en_gb/5f599ab6**

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Always where our customers are.

To be a global leader, a global presence is essential. That is why we are represented locally in many markets with our own subsidiaries and have an extensive network of trading partners. No matter where our customers are, we are always close to them.

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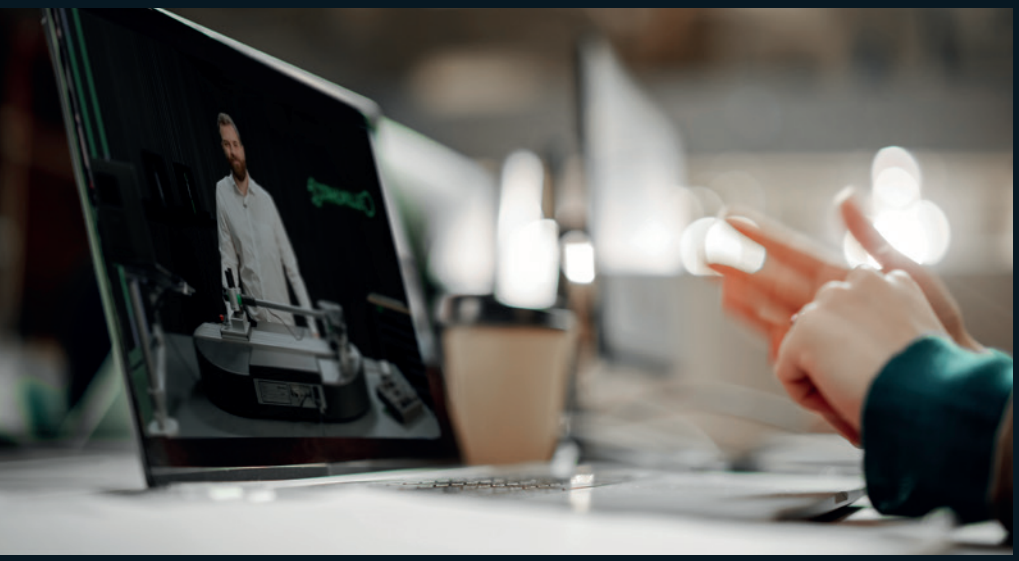
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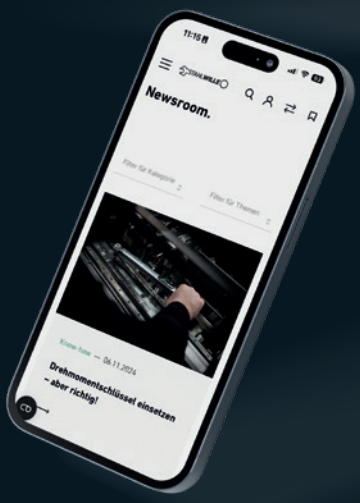
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