

11 VDE TOOLS

Sets of tools

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Spanners

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Torque wrenches

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Ratchets, sockets, screwdriver sockets, extensions

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Screwdrivers

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When things get hot, they keep cool. **VDE tools from STAHLWILLE.**



The VDE range even permits completely safe work on live components up to 1000 volts. Certified in compliance with stringent VDE standards, these tools combine intelligent product design that is optimised to benefit users, high-grade materials, tight tolerances, outstanding ergonomics and long service lives with resilient, durable protective insulation.



The VDE range from STAHLWILLE comprises more than 130 tools in the premium quality you have come to expect. Spanners, fine tooth ratchets, torque wrenches, pliers, cutters and many sockets and screwdriver sockets – available individually or clearly arranged in a set box or case. STAHLWILLE's VDE range of tools leaves nothing to be desired.





FLEXIBLE.

Interchangeable ratchet insert tool – the only insulated torque wrench with a ratchet insert tool that users can exchange themselves (9 x 12 mm, 3/8" ■).



EFFICIENT.

Proven QuickSelect setting of torque and an additional ring scale that allows fine adjustment.



WEAR-RESISTANT.

In contrast to conventional torque wrenches, it is not necessary to reset the wrench to zero after each job to unload the spring. In this way, users benefit from long-term accuracy and safe measurement results with less time required.



FAST.

With a QuickRelease safety lock that enables rapid tool changing but effectively protects against tool loss.



ADJUSTABLE.

Fast adjustment without dismantling. End-users can easily readjust the tool themselves – without having to send it in and have it retested.

VDE tools

13300 VDE VDE case

- with 48 tools
- sturdy aluminium frame
- ergonomically designed carrying handle
- smooth-running rollers and integrated telescopic handle to simplify transport



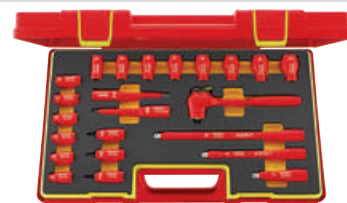
Code	⚡ kg
96838193	13

No	Content
12171 VDE	3/8" ⚡ 7; 8; 9; 10; 11; 12; 13; 14; 16; 17; 18; 19; 20; 22 mm
12174 VDE	3/8" ⚡ sizes T20; T25; T30
12175 VDE	3/8" ⚡ M8; M10
12167/3 VDE	3/8" ⚡ 94 mm
12167/6 VDE	3/8" ⚡ 178 mm
12167/10 VDE	3/8" ⚡ 258 mm
12165 VDE	3/8" ⚡
4660 VDE	size 1 (0.4 x 2.5 x 75 mm) size 2 (0.5 x 3.0 x 100 mm) size 3 (0.6 x 3.5 x 100 mm) size 4 (0.8 x 4.0 x 100 mm)
4665 VDE	PH1; PH2; PH3
4675 VDE	sizes T8; T10; T15; T20; T25; T30
6501 VDE	200 mm
6508 VDE	160 mm
6530 VDE	200 mm
6551 VDE	250 mm
6602 VDE	180 mm
6630 VDE	220 mm
12188 VDE	
12191 VDE	
12192 VDE	
12193 VDE	
12194 VDE	
12195 VDE	
13209 VDE	

12171/19/4 VDE VDE tool case 3/8"

TCS

- in sturdy, stackable ABS plastic case
- Content 23 pieces:
- 14 sockets with hexagon
No 12171 VDE: 7; 8; 9; 10; 11; 12; 13; 14; 16; 17; 18; 19; 20; 22 mm
 - 3 screwdriver sockets for internal TORX® screws
No 12174 VDE: sizes T20; T25; T30
 - 2 screwdriver sockets for tri-square socket head screws XZN®
No 12175 VDE: M8; M10
 - 3 extensions No 12167/3 VDE (94 mm),
No 12167/6 VDE (178 mm),
No 12167/1 VDE (258 mm)
 - 1 ratchet No 12165 VDE



Code	⚡ g
96022020	3056



TCS 12171/19/4 VDE



TCS



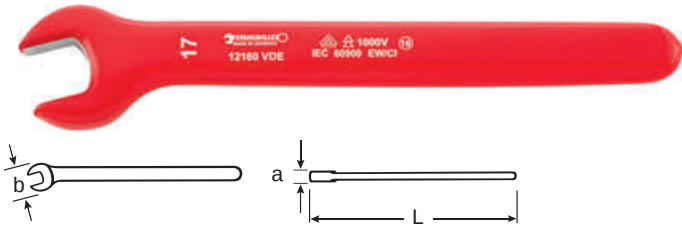
- 350 x 350 x 45 mm
- 23 pieces

Code	⚡ g
96830041	2800

No	Content
12171 VDE	3/8" ⚡ 7; 8; 9; 10; 11; 12; 13; 14; 16; 17; 18; 19; 20; 22 mm
12174 VDE	3/8" ⚡ sizes T20; T25; T30
12175 VDE	3/8" ⚡ M8; M10
12167 VDE 3	3/8" ⚡ 94 mm
12167 VDE 6	3/8" ⚡ 178 mm
12167 VDE 10	3/8" ⚡ 258 mm
12165 VDE	3/8" ⚡

12160 VDE VDE single-ended open-jaw spanners

- Chrome Alloy Steel, chrome plated
- VDE insulated up to 1000 V
- DIN EN 60900
- ⚡ AC/1000 V



Code	mm	L mm	b mm	a mm	g	
44 1800 10	10	140.7	26	10.5	48	1
44 1800 13	13	166.4	32.5	11.5	80	1
44 1800 14	14	181	34.5	11.5	88	1
44 1800 17	17	200	40	12.5	146	1
44 1800 19	19	218	44.5	13	184	1
44 1800 22	22	248	50	13.5	254	1

12160/6 VDE Set VDE single-ended open-jaw spanners

- 6 pieces
- VDE insulated up to 1000 V
- DIN EN 60900
- ⚡ AC/1000 V
- Chrome Alloy Steel, chrome plated
- roll-up wallet made of extremely tough textile with Velcro fastener



Code	Content mm	g
96 40 4301	10; 13; 14; 17; 19; 22	950

TCS 12160 VDE



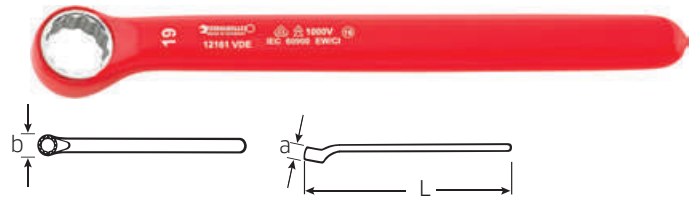
- 175 x 350 x 30 mm
- 6 pieces

Code	g
96 83 0042	900

No	Content
12160 VDE	10; 13; 14; 17; 19; 22 mm

12161 VDE VDE single-ended ring spanners

- Chrome Alloy Steel, chrome plated
- VDE insulated up to 1000 V
- DIN EN 60900
- ⚡ AC/1000 V



Code	mm	L mm	b mm	a mm	g	
44 1900 10	10	147.6	19.6	13	48	1
44 1900 13	13	171.2	23.6	15	82	1
44 1900 14	14	184.1	25.1	15	82	1
44 1900 17	17	208.3	29.1	17	144	1
44 1900 19	19	227.1	32	18	190	1
44 1900 22	22	254.2	36.3	19	238	1

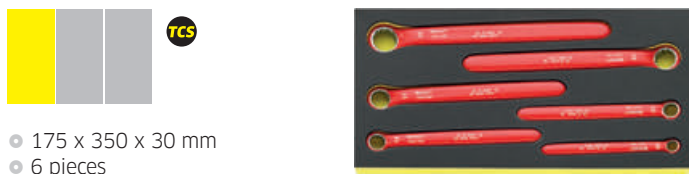
12161/6 VDE Set VDE single-ended ring spanners

- 6 pieces
- VDE insulated up to 1000 V
- DIN EN 60900
- ⚡ AC/1000 V
- Chrome Alloy Steel, chrome plated
- roll-up wallet made of extremely tough textile with Velcro fastener



Code	Content mm	g
96 40 4302	10; 13; 14; 17; 19; 22	430

TCS 12161 VDE



- 175 x 350 x 30 mm
- 6 pieces

Code	g
96 83 0045	885

No	Content
12161 VDE	10; 13; 14; 17; 19; 22 mm

3/8" VDE QuickRelease fine-tooth ratchet. 80 teeth, unfazed by 1000 V.

The 3/8" fine-tooth ratchet retains the compact shape, outstanding functionality and ergonomics of all STAHLWILLE fine-tooth ratchets, and provides optimum protection against live voltages in accordance with VDE standards.



80

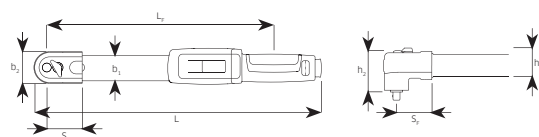
4,5°

730R/5 VDE VDE MANOSKOP® torque wrench with QuickRelease ratchet

QR

- click-type
- with double-insulated plastic sleeve against high voltages up to 1000 V
- DIN EN 60900
- ⚡ AC/1000 V
- mount for interchangeable insert tools
- exchange of the ratchet 725QR VDE without having to recheck the insulation
- QuickRelease safety lock
- fast, accurate setting thanks to QuickSelect quick-action adjuster
- dual stop signal
- easy-to-read double scale with colour coding to differentiate between N·m/ft·lb

- the measuring element is only under load while force is being applied, no need for manual reset to zero
- any force applied to the tool after the 'click' or applied in the opposite direction to the current function - e.g. forcible loosening of a jammed screw - does not act on the trigger mechanism and cannot cause damage to it
- insulation made of non-slip, abrasion-proof special plastic, resistant to diluted alkalis, hydrocarbons, fuels and oils
- calibration using perfectControl® calibrating unit No 7794 or calibration system No 7791
- adjustment without disassembly and without having to recheck the insulation
- certificate in accordance with DIN EN ISO 6789-2:2017
- **display deviation value ± 3 %**

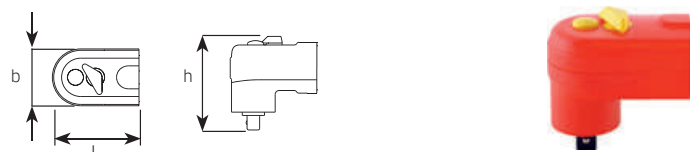


Code					Fine scale	mm	"	b ₁ mm	b ₂ mm	h ₁ mm	h ₂ mm	L mm	L _F mm	S _F mm	Δg g
96550150	10-50 N·m	7-37 ft·lb	5 N·m	1 ft·lb	0.25 N·m	9x12	3/8	43	49.5	36	59.5	390.5	308.5	28	1365

725QR VDE VDE QuickRelease ratchet insert tool

QR

- reversible
- with QuickRelease safety lock
- 30 teeth
- Chrome Alloy Steel, chrome plated
- VDE insulated up to 1000 V
- DIN EN 60900
- ⚡ AC/1000 V
- exclusively for MANOSKOP® 730R VDE

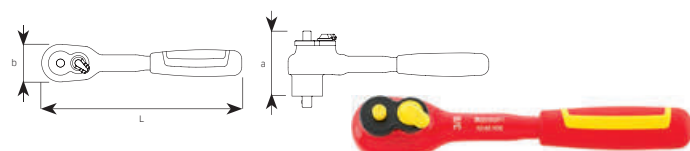


Code	"	mm	b mm	h mm	L mm	Δg g	
58253105	3/8	9x12	43	70.5	65.5	230	1

12165 VDE VDE QuickRelease ratchet, fine tooth, 3/8"

QR FQD 80 4.5

- reversible
- 80 teeth
- with QuickRelease safety lock
- with double-insulated plastic sleeve for working under voltage
- with 2-component handle
- for use in confined spaces, re-engages after movement of 4.5°
- construction without screws prevents foreign object damage
- VDE insulated up to 1000 V
- DIN EN 60900
- ⚡ AC/1000 V

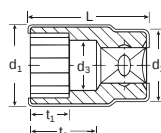


Code	L mm	b mm	a mm	Δg g	
12430001	205	61	37	298	1

12171 VDE VDE sockets 3/8"

AS HPQ

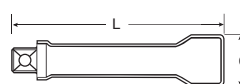
- HPQ® high performance steel, chrome plated
- VDE insulated up to 1000 V
- DIN EN 60900
- ⚡ AC/1000 V



Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg g	
02380007	7	15.5	21.5	6	42	6	12.5	24	1
02380008	8	16.7	21.5	7	43	7	13.5	26	1
02380009	9	18	21.5	8	43	7	13.5	28	1
02380010	10	19.3	21.5	9	45	8.5	15.5	28	1
02380011	11	20.6	21.5	10	45	8.5	13.7	29	1
02380012	12	21.9	22.5	11	46	9.5	14.4	36	1
02380013	13	23	22.5	12	48	11.5	16.1	36	1
02380014	14	24.4	22.5	13	48	11.5	15.8	40	1
02380016	16	26.7	24	15	49	13.5	18.9	48	1
02380017	17	28	24	16	49	12.5	18.6	54	1
02380018	18	29.2	24	17	50	13.5	19.3	58	1
02380019	19	30.2	24	18	50	13.5	19	58	1
02380020	20	31.2	25	19	52	15.5	20.7	68	1
02380022	22	33.7	26	21	53	17	21.2	78	1

12167 VDE VDE extensions 3/8"

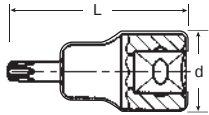
- Chrome-Alloy-Steel, chrome plated
- VDE insulated up to 1000 V
- DIN EN 60900
- ⚡ AC/1000 V



Code	size	L mm	d mm	Δg g	
12420001	3	94	23	84	1
12420002	6	178	23	162	1
12420003	10	258	23	224	1

12174 VDE VDE screwdriver sockets 3/8"

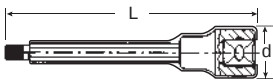
- for internal TORX® screws
- Chrome-Alloy-Steel, chrome plated
- VDE insulated up to 1000 V
- DIN EN 60900
- ⚡ AC/1000 V



Code	size	mm	L mm	d mm	g	
02390020	T20	3.8	67	22.8	52	1
02390025	T25	4.4	67	22.8	52	1
02390030	T30	5.5	67	22.8	54	1
02390040	T40	6.6	67	22.8	56	1
02390045	T45	7.8	67	22.8	58	1

12175 VDE VDE screwdriver sockets 3/8"

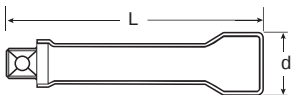
- for tri-square socket head screws (XZN®)
- Chrome-Alloy-Steel, chrome plated
- VDE insulated up to 1000 V
- DIN EN 60900
- ⚡ AC/1000 V



Code	size	L mm	d mm	g	
02370006	M6 NEW	136	23	100	1
02370008	M8	136	23	98	1
02370010	M10	136	23	122	1

12177 VDE VDE extensions 1/2"

- Chrome-Alloy-Steel, chrome plated
- VDE insulated up to 1000 V
- DIN EN 60900
- ⚡ AC/1000 V



Code	size	L mm	d mm	g	
13420001	3	93	27	130	1
13420002	5	148	27	206	1
13420003	10	273	27	380	1

432 VDE VDE extending adaptor

- HPQ
- 3/8" socket 1/2" plug (10 x 12.5)
- HPQ® high performance steel, chrome plated
- VDE insulated up to 1000 V
- DIN EN 60900
- ⚡ AC/1000 V

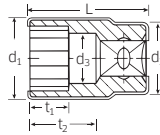


Code	L mm	d mm	g	
12030005	68	22.6	84	1

12179 VDE VDE sockets 1/2"

AS HPQ

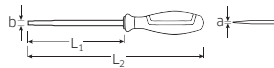
- HPQ® high performance steel, chrome plated
- VDE insulated up to 1000 V
- DIN EN 60900
- ⚡ AC/1000 V



Code	mm	d1 mm	d2 mm	d3 mm	L mm	t1 mm	t2 mm	g	
03370010	10	19.5	27	9	56	9	22	60	1
03370011	11	20.8	27	10	56	9.5	22	64	1
03370012	12	22	27	11	56	13	22	64	1
03370013	13	23.3	27	12	56	13	22	64	1
03370014	14	24.9	27.7	13	56	13	20.5	70	1
03370017	17	29	28.7	15.2	56	15	19.6	82	1
03370019	19	31.2	30	18	56	16	21.7	94	1
03370022	22	34.7	31	21	60	16.5	24.9	116	1
03370024	24	37	31	21	60	18.5	24.9	130	1

4660 VDE VDE electricians screwdrivers DRALL+

- for slotted screws
- Chrome Alloy Steel
- blade gunmetal finished
- VDE insulated up to 1000 V
- DIN EN 60900
- ⚡ AC/1000 V



Code	size	a mm	b mm	L1 mm	L2 mm	g	
46603025	1	0.4	2.5	75	160	20	10
46603030	2	0.5	3.0	100	185	39	10
46603035	3	0.6	3.5	100	205	42	10
46603040	4	0.8	4.0	100	205	46	10
46603055	5	1.0	5.5	125	240	93	10
46603065	6	1.2	6.5	150	265	120	10
46603080	7	1.2	8.0	175	300	170	10

4665 VDE VDE cross-head screwdrivers DRALL+

- Phillips-Recess®
- Chrome Alloy Steel
- blade gunmetal finished
- VDE insulated up to 1000 V
- DIN EN 60900
- ⚡ AC/1000 V



Code	PH size	L1 mm	L2 mm	g	
46653000	0	60	145	35	10
46653001	1	80	185	47	10
46653002	2	100	215	89	10
46653003	3	150	275	159	10

4670 VDE

⊕ VDE cross-head screwdrivers DRALL⁺

- POZIDRIV/SUPADRIV®
- Chrome Alloy Steel
- blade gunmetal finished
- VDE insulated up to 1000 V
- DIN EN 60900
- ⚡ AC/1000 V



Code	PZ size	L ₁ mm	L ₂ mm	⚡ g	📦
46 70 3000	0	60	145	36	10
46 70 3001	1	80	185	46	10
46 70 3002	2	100	215	89	10

4675 VDE

⊕ VDE TORX® screwdrivers DRALL⁺

- for inside TORX® screws
- Chrome Alloy Steel
- blade gunmetal finished
- VDE insulated up to 1000 V
- DIN EN 60900
- ⚡ AC/1000 V



code	size	mm	L ₁ mm	L ₂ mm	⚡ g	📦
46 75 3008	T8	2.3	60	145	22	10
46 75 3010	T10	2.7	60	145	22	10
46 75 3015	T15	3.3	75	180	40	10
46 75 3020	T20	3.8	100	205	47	10
46 75 3025	T25	4.4	100	205	51	10
46 75 3030	T30	5.5	100	215	89	10

4695 VDE

VDE screwdriver set DRALL⁺

Content 6 screwdrivers DRALL⁺:

- VDE insulated up to 1000 V
- DIN EN 60900
- ⚡ AC/1000 V
- ⊖ 4660 VDE:
 - size 1 (0.4 x 2.5 x 75 mm)
 - size 3 (0.6 x 3.5 x 100 mm)
 - size 5 (1.0 x 5.5 x 125 mm)
 - size 6 (1.2 x 6.5 x 150 mm)
- ⊕ 4665 VDE: PH1; PH2



Code	⚡ g
96 46 95 15	595

TCS 4660/4665 VDE



TCS



- 175 x 350 x 40 mm
- 6 pieces

Code	⚡ g
96 83 87 66	391

No	Content
4660 VDE	size 1 (0.4 x 2.5 x 75 mm) size 3 (0.6 x 3.5 x 100 mm) size 5 (1.0 x 5.5 x 125 mm) size 6 (1.2 x 6.5 x 150 mm)
4665 VDE	PH1; PH2

TCS 4665/4670 VDE



TCS



- 175 x 350 x 40 mm
- 7 pieces

Code	⚡ g
96 83 87 85	622

No	Content
4665 VDE 4670 VDE	PH0; PH1; PH2; PH3 PZ0; PZ1; PZ2

TCS 4675 VDE



TCS



- 175 x 350 x 40 mm
- 6 pieces

Code	⚡ g
96 83 87 93	385

No	Content
4675 VDE	sizes T8; T10; T15; T20; T25; T30

4798 VDE

VDE set of interchangeable screwdrivers

- 14 pieces
- two-component handle with soft-grip zones for use as precision tools
- attachable rotating cap for interchangeable blades
- automatic locking system prevents inadvertent extraction
- VDE insulated up to 1000 V
- DIN EN 60900
- ⚡ AC/1000 V
- Content:
 - 1x two-component handle
 - 1x attachable rotating cap
 - ⊖ 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
 - ⊕ PH1; PH2
 - ⊕ PZ2
 - ⊕ T10; T15; T20



Code	⚡ g
96 46 95 11	814

TCS 6501-6600/3 VDE



TCS



- 175 x 350 x 40 mm
- 3 pieces

Code	ΔΔ g
96838770	725

No		
	65017180	180 mm
	65297200	200 mm
	66007160	160 mm

TCS 6501/6551/6600 VDE



TCS



- 175 x 350 x 40 mm
- 3 pieces

Code	ΔΔ g
96830039	918

No		
	65017180	180 mm
	65517240	240 mm
	66007160	160 mm

6501 VDE VDE combination pliers

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



65017160



65018160

Code	L mm	Head	Handles	③	④	⑤	⑥	ΔΔ g
65017160	160	chrome plated	dip-coated insulation DIN EN 60900, ⚡ AC/1000 V	1.8	1.5	10	16	202
65017180	180			2	1.8	12	16	279
65017200	200			2.5	2	13	16	359
65018160	160	chrome plated	insulated, with plastic sleeves, DIN EN 60900, ⚡ AC/1000 V	1.8	1.5	10	16	186
65018180	180			2	1.8	12	16	186
65018200	200			2.5	2	13	16	317

- ③ Cutting capacity in mm for hard wire
- ④ Cutting capacity in mm for piano wire

- ⑤ Cutting capacity in mm for cable
- ⑥ Cutting capacity in mm²

6507 VDE VDE flat nose pliers, short

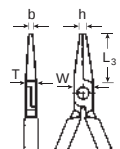
- DIN ISO 5745
- short, flat serrated jaws



65077160



65078160



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	ΔΔ g
65077160	160	chrome plated	dip-coated insulation DIN EN 60900, ⚡ AC/1000 V	30	17	10	5	9	200
65078160	160	chrome plated	insulated, with plastic sleeves, DIN EN 60900, ⚡ AC/1000 V	30	17	10	5	9	181

6508 VDE VDE flat nose pliers, long

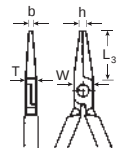
- DIN ISO 5745
- long, flat serrated jaws



65087160



65088160



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	ΔΔ g
65087160	160	chrome plated	dip-coated insulation DIN EN 60900, ⚡ AC/1000 V	50	15	8	3	5	148
65088160	160	chrome plated	insulated, with plastic sleeves, DIN EN 60900, ⚡ AC/1000 V	50	15	8	3	5	166

6523 VDE VDE round nose pliers, short

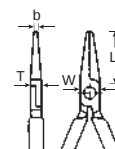
- DIN ISO 5745
- for bending wire loops and rings
- short, round, ground jaws
- fine serrations on gripping areas



65237160



65238160



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	b mm	Δg g
65237160	160	chrome plated	dip-coated insulation DIN EN 60900, $\triangle$ AC/1000 V	30	18	10	3	201
65238160	160	chrome plated	insulated, with plastic sleeves, DIN EN 60900, $\triangle$ AC/1000 V	30	18	10	3	176

6524 VDE VDE round nose pliers, long

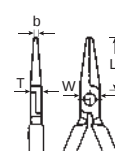
- DIN ISO 5745
- for bending wire loops and rings
- long, round, ground jaws
- fine serrations on gripping areas



65247160



65248160



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	b mm	Δg g
65247160	160	chrome plated	dip-coated insulation DIN EN 60900, $\triangle$ AC/1000 V	47	15.5	8.5	2.5	162
65248160	160	chrome plated	insulated, with plastic sleeves, DIN EN 60900, $\triangle$ AC/1000 V	47	15.5	8.5	2.5	156

6529 VDE VDE snipe nose pliers with cutter (radio- or telephone pliers)

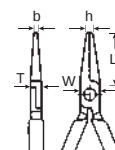
- DIN ISO 5745
- Form A (straight)
- half round, long tapering, serrated jaws, with burner hole
- precision cutting edges for soft and hard wires
- induction hardened cutting edges, approx. 60 HRC



65297160



65298160



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	Δg g
65297160	160	chrome plated	dip-coated insulation DIN EN 60900, $\triangle$ AC/1000 V	51	16	9	3	2.5	174
65297200	200			73	17	9	3	2.5	226
65298160	160	chrome plated	insulated, with plastic sleeves, DIN EN 60900, $\triangle$ AC/1000 V	51	16	9	3	2.5	158
65298200	200			73	17	9	3	2.5	202

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

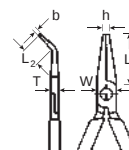
- DIN ISO 5745
- Form B, bent 45°
- half round, long tapering, serrated jaws, with burner hole
- precision cutting edges for soft and hard wires
- induction hardened cutting edges, approx. 60 HRC



65307160



65308160



Code	L mm	Head	Handles	L ₂ mm	L ₃ mm	W mm	T mm	h mm	b mm	Δg g
65307160	160	chrome plated	dip-coated insulation DIN EN 60900, $\triangle$ AC/1000 V	24	55	16	9	3	2.5	185
65307200	200			28	76	17	9	3.5	2.5	230
65308160	160	chrome plated	insulated, with plastic sleeves, DIN EN 60900, $\triangle$ AC/1000 V	24	55	16	9	3	2.5	154
65308200	200			28	76	17	9	3.5	3	201

6533 VDE VDE mechanics snipe nose pliers

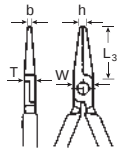
- half round, long tapering
- serrated jaws



65337160



65338160



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	△ g
65337160	160	chrome plated	dip-coated insulation DIN EN 60900, AC/1000 V	50	15	8	3	2.5	147
65338160	160	chrome plated	insulated, with plastic sleeves, DIN EN 60900, AC/1000 V	50	15	8	3	2.5	160

6551 VDE VDE waterpump wrench

- DIN ISO 8976 (No 207 c)
- with box joint and recess
- 7 positions
- anti-pinch mechanism
- chrome vanadium



Code	L mm	Jaw opening max. mm	Head	Handles	△ g
65517240	250	35	chrome plated	dip-coated insulation DIN EN 60900, AC/1000 V	358

6600 VDE VDE side cutters

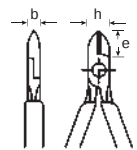
- DIN ISO 5749
- Form B
- precision cutting edges for all wires
incl. piano wire
- high quality alloy steel
- bevelled cutting edges induction hardened,
approx. 63 HRC



66007160



66008160



Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	④	△ g
66007145	140	chrome plated	dip-coated insulation DIN EN 60900, AC/1000 V	19	20	8.2	3	2.5	1.8	1.6	155
66007160	160			23.5	20	9	3	2.8	2	1.6	215
66007180	180			25.5	25	9.5	3.8	3	2.5	2	260
66008145	140	chrome plated	insulated, with plastic sleeves, DIN EN 60900,	19	20	8.2	3	2.5	1.8	1.6	149
66008160	160		AC/1000 V	23.5	20	9	3	2.8	2	1.6	190
66008180	180			25.5	25	9.5	3.8	3	2.5	2	249

① Cutting capacity in mm for soft wire

② Cutting capacity in mm for medium hard wire

③ Cutting capacity in mm for hard wire

④ Cutting capacity in mm for piano wire

6602 VDE VDE heavy duty side cutters

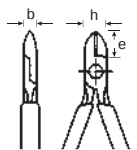
- DIN ISO 5749
- Form A
- precision cutting edges for all wires
incl. piano wire
- high quality alloy steel
- bevelled cutting edges induction hardened,
approx. 63 HRC



66027200



66028200



Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	④	△ g
66027160	160	chrome plated	dip-coated insulation, DIN EN 60900 AC/1000 V	25.5	25	9.5	4	3.4	2.5	2	220
66027200	200			31	28	11.5	4	4	3	2.5	325
66027250	250			32	29.5	12	4	4	3.5	3	475
66028160	160	chrome plated	insulated, with plastic sleeves, DIN EN 60900	25.5	25	9.5	4	3.4	2.5	2	210
66028180	180		AC/1000 V	27.5	26.5	10.5	4	3.8	2.7	2.2	250
66028200	200			31	28	11.5	4	4	3	2.5	305

① Cutting capacity in mm for soft wire

② Cutting capacity in mm for medium hard wire

③ Cutting capacity in mm for hard wire

④ Cutting capacity in mm for piano wire

6622 VDE VDE wire stripping pliers

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



66227160



66228160

Code	L mm	Head	Handles	g
66227160	160	chrome plated	dip-coated insulation DIN EN 60900, AC/1000 V	180
66228160	160	chrome plated	insulated, with plastic sleeves, DIN EN 60900, AC/1000 V	168

6623 VDE VDE wire stripping pliers

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



66237160



66238160

Code	L mm	Head	Handles	g
66237160	160	chrome plated	dip-coated insulation DIN EN 60900, AC/1000 V	214
66238160	160	chrome plated	insulated, with plastic sleeves, DIN EN 60900, AC/1000 V	184

6923 Replacement stripping knives (1 pair) for No 6623

Code	g
69230001	11

6630 VDE VDE cable shear

- for copper and light alloy cables
- easy, single handed operation
- special cutter geometry to avoid pressure marks and frayed ends
- adjustable joint
- anti-squeeze protection
- not suitable for steel or armoured cables



Code	L mm	Head	Handles	⑦	⑧	⑨	g
66307220	220	chrome plated	dip-coated insulation, DIN EN 60900 AC/1000 V	16	35	70	380

⑦ cutting capacity in mm² for single wire Al-/Cu-Cable ⑨ cutting capacity in mm² for thin wire Al-/Cu-Cable
⑧ cutting capacity in mm² for multiple wire Al-/Cu-Cable



12187 VDE VDE electrician's penknife

- with a straight blade
- handle made of viscoelastic, impact-resistant plastic
- with blade cover



Code	Blade mm	g	
77020700	50	98	1

12188 VDE VDE electrician's penknife

- with a hooked blade
- for slitting and stripping moisture proof cables
- handle made of viscoelastic, impact-resistant plastic
- with blade cover



Code	Blade mm	g	
77020701	40	96	1

12189 VDE VDE insulating underlay mat

- tested to IEC 6111 Class 4
- for working on high-current components
- one side is smooth, one side with non-slip grooves



code	Dimensions mm	g	
77030700	1000 x 1000 x 3	3040	1

12190 VDE Bag for the VDE insulating underlay mat

- for the VDE insulating underlay mat



Code	Measures mm	g	
77030701	1000 x 300	784	1

12196 VDE VDE insulating underlay mat in bag



Code	Measures mm	g	
96404303	1000 x 300	3824	1

12191 VDE VDE barrier tape

- red & white markings
- for cordoning off construction sites and securing hazard zones
- full warning effect retained even over longer periods (light resistance rating: 5-6)
- made of polyethylene



Code	L m	B mm	g	
77030702	500	80	1500	1

12192 VDE VDE warning sign

- warning regarding hazardous electric voltages
- DIN EN ISO 7010-W012
- made of plastic



Code	Dimensions mm	g	
77030705	200 x 200	27	1

12193 VDE VDE prohibitory sign

- prohibitory sign „Do not switch on“
- DIN 4844, BGV A8 (accident prevention regulations)
- made of plastic



Code	Ø mm	g	
77030706	200	48	1

12194/12195 VDE Self-clamping VDE insulating cable-end cap

- for insulating the ends of cables and individual wire cores
- made of viscoelastic insulating material
- with cross-section closure



Code	Ø mm	L mm	g	
77030708	10	100	10	1
77030709	20	100	18	1

13209 VDE VDE hard case

- with detachable trolley castor system
- sturdy aluminium frame
- 2 locks
- ergonomically designed carrying handle
- robust jointed lid-prop
- tool-holder panel for storing tools from both sides, with 21 pockets and integrated document pouch
- ABS insert can be subdivided and includes cover with 6 pockets



Code	Dimensions mm	g	
81620700	460 x 375 x 235	6000	1