

Pliers



STAHLWILLE pliers, cutters & wrenches

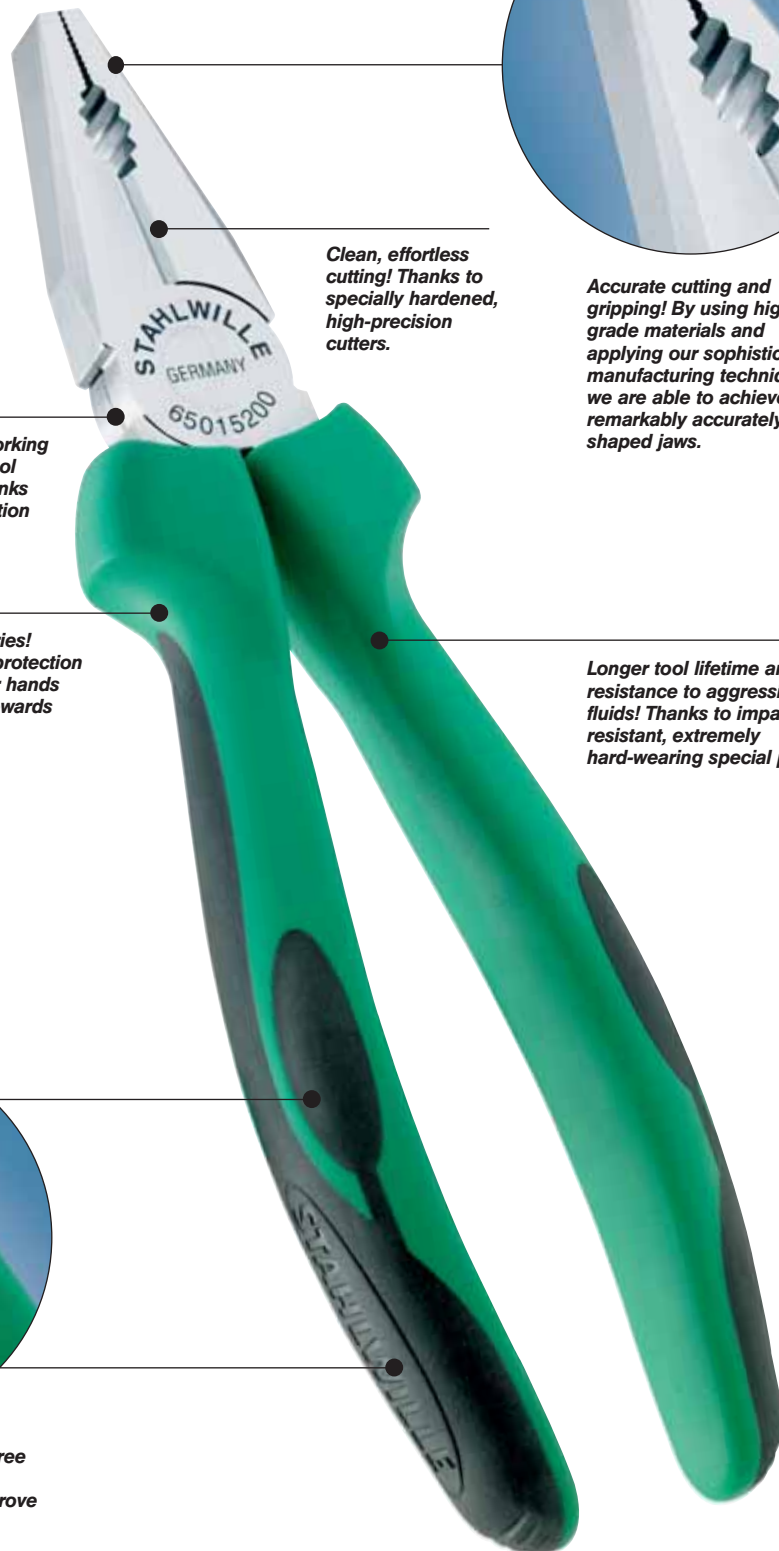


for accurate work and a powerful grip – with comfy-fit multi-component handles.

When you are working with pliers, your hand needs optimum support and protection in the places where the pressure exerted on the hand is felt most keenly – through ergonomic handle design.

STAHLWILLE has integrated softer layers in these sections of the handles. In this way, they fulfil two important functions. They prevent the hand slipping off the handle and, at the same time, absorb the shock produced when hard wires are cut. Even with oily or greasy hands, the textured surface ensures you still have a good grip on things.

The special plastic we have used is also resistant to aggressive fluids and, at the end of the lifecycle, can be properly disposed of, because it does not contain PVC.



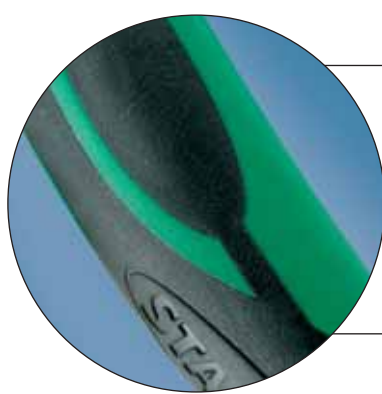
Clean, effortless cutting! Thanks to specially hardened, high-precision cutters.

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

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

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

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



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

STAHlwILLE VDE pliers & cutters

STAHlwILLE VDE pliers & cutters are manufactured to meet the current demands of EN 60900 and are individually tested. They are designed to provide maximum possible protection when the user is working with voltages of 1,000 volts AC.

Voltage testing

All STAHlwILLE VDE pliers & cutters are tested to AC 10,000 volts and are certified up to 1,000 volts. In other words, with a tenfold safety margin.

Pressure tests

When they are subjected to a load of 20 N m and a temperature of 70°C, there must be no dielectric breakdown or arcing when the tools are subjected to 5,000 volts AC.

The electrical insulation

After being submerged in water for 24 hours, the pliers & cutters are subjected to 10,000 volts AC and, at the same time, the leakage current is measured for three minutes. There must be no dielectric breakdown or arcing.

Testing the adherence of the PVC coating

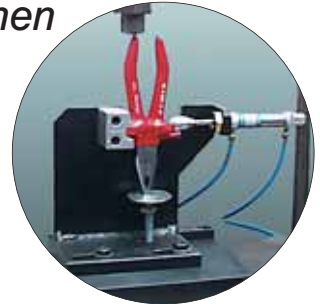
The handles must still be firmly attached to the tools after about 168 hours in a heat cabinet at 70°C. This stripping test on the PVC covers is carried out for three minutes at 500 N.

Cold impact tests

The insulating handles are subjected to 2 hours at -25°C in a freezer and must still be tough enough not to shatter or break when knocked.

Testing resistance to fire

The danger of fire can only be combatted through the use of non-flammable PVC. During the test, the flame on the handle must not exceed a height of 120 mm within 20 seconds.



Cold impact test



Testing resistance to fire



Testing adherence of the PVC coatings



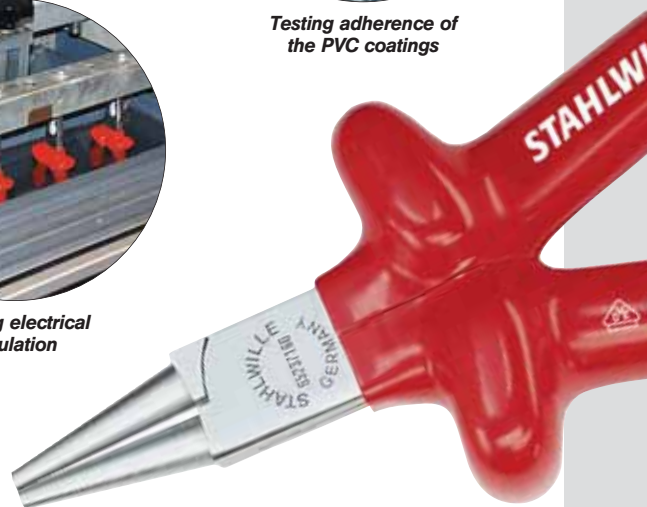
Voltage testing



Pressure testing and electrical voltage testing



Testing electrical insulation



Waterpump Pliers

6551 Waterpump pliers

DIN ISO 8976 (No 207 c), box joint, 7 adjustment positions (175 mm 6 adjustment positions), anti-squeeze protection, Chrome Vanadium.



6551 5240



6551 6175

Code	L mm	Jaw opening max. mm	Head	Handles	⚖ g
6551 5240	240	43	chrome plated	multi-component handles with softer layers	365
6551 6175	175	26	black lacquered, jaws polished	black lacquered, box frame polished, dip-coated	171
6551 6240	240	43			330
6551 6300	300	51			520

6572 Waterpump pliers FastGRIP

registered design, box joint with dual support, fast adjustment on the work piece via push button, freely adjustable, easy super fine adjustment with 10 snap-in points (180 mm), 12 snap-in points (240 mm), 15 snap-in points (300 mm), induction hardened jaw toothing – extremely hard and durable, safety clamping protection against squeezing injuries, Chrome Vanadium.



6572 6240

Code	L mm	Jaw opening max. mm	Head	Handles	⚖ g
6572 6180	180*	28	polished	dip-coated with sure-grip surface	221
6572 6240	240	37			393
6572 6300	300*	44			526

6573 PowerGRIP pliers wrench



box joint, fast adjustment via button press directly on the work piece, freely adjustable, easy super fine adjustment, high transmission ratio for noticeable amplification of manual force, for work pieces with parallel surfaces (nuts, screws etc.),

also ideal for bending thin parallel work pieces (e.g. metal sheet), parallel jaws without profile to protect surface coated work pieces, "Ratchet effect" for screws by using the jaw stroke, extremely resistant overall construction, high quality tempered.



6573 5300

Code	L mm	Jaw opening max. mm	Head	Handles	⚖ g
6573 5180	192	36	chrome plated	dip-coated with sure-grip surface	275
6573 5250	253	46			490
6573 5300	300	60			640

6554 Waterpump pliers, with rapid adjustment

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



6554 4250

Code	L mm	Jaw opening max. mm	Head	Handles	⚖ g
6554 4250	250 ¹⁾	50	chrome plated	chrome plated, chequered	476
6554 4375	375	70			1066

¹⁾ anti-squeeze protection

Spare springs for No 6554

Code	Spare spring for No	⚖ g
69 54 0002	65544250	3
69 54 0003	65544375	4

6568 Long reach grip wrenches

extra large capacity, quick release lever, Chrome Vanadium.



65 68 2 460

Code	L mm	S mm	Head	Handles	⚖ g
65 68 2 460	460	180	bright nickel-plated	bright nickel-plated	1100
65 68 2 600	600	240			1372

6571 Long nose self grip wrench

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



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

Various Gripping Pliers

6575 Wire twisting pliers

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



65 75 1 220



65 75 1 280

Code	L mm	Head	Handles	⚖ g
65 75 1 220	230	gunmetal finish, polished	gunmetal finish	330
65 75 1 280	280			410

6576N Connector pliers

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



Code	L mm	Head	Handles	⚖ g
65 76 5 231	230	chrome plated	dip-coated	288

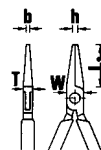
Loose plastic jaws for No 6576N

Code	⚖ g
69 76 0 001	3

Electronics Pliers, suitable for electrostatic discharge (ESD) applications

6517 Electronics flat nose pliers

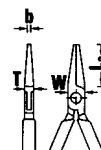
DIN ISO 9655, designed for use on miniature electronic and mechanical components, welded on double leaf spring, precision jaws, smooth, tapering to 1 mm, box joint for precise movement.



Code	L mm	Head	Handles	L ₃ mm	W mm	D mm	h mm	b mm	\triangle g
65176120	125	polished	dip-coated with sure-grip surface, ESD applications	20	9	6.5	1.5	3	48

6526 Electronics round nose pliers

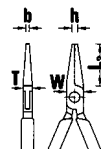
DIN ISO 9655, designed for use on miniature electronic and mechanical components, welded on double leaf spring, round precision jaws, smooth, thin, 1.25 mm point diameter, box joint for precise movement.



Code	L mm	Head	Handles	L ₃ mm	W mm	D mm	b mm	\triangle g
65266120	125	polished	dip-coated with sure-grip surface, ESD applications	22	9	6.5	1.25	47

6540 Electronics snipe nose pliers

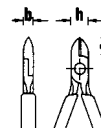
DIN ISO 9655, designed for use on miniature electronic and mechanical components, welded on double leaf spring, half round, smooth precision jaws tapering to 1 mm \varnothing , box joint for precise movement.



Code	L mm	Head	Handles	L ₃ mm	W mm	D mm	h mm	b mm	\triangle g
65406120	125	polished	dip-coated with sure-grip surface, ESD applications	21	9	6.5	1	1	50

6603 Electronics side cutter

strong, slim pattern, suitable for use on miniature electronic components, precision cutting edges, mini bevel, suitable for soft and hard wire, incl. piano wire, Cu-wire of 0.2 mm \varnothing can be cut at the tips, welded on double leaf spring, alloy steel of highest quality, induction hardened cutting edges approx. 63 HRC.



Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	④	\triangle g
66036115	115	polished	dip-coated with sure-grip surface, ESD applications	14	11	6.5	1.5	1	0.8	0.5	60

- 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

6605 Electronics side cutter

DIN ISO 9654, with wire catch to prevent uncontrolled disposal of off-cuts, box joint for precise movement, precision cutting edges, mini bevel, suitable for soft and hard wire, welded on double leaf spring, alloy steel of highest quality, induction hardened cutting edges, approx. 63 HRC.

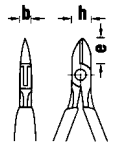


Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	④	\triangle g
66056110	112	polished	dip-coated with sure-grip surface, ESD applications	13	10.5	7	1.5	1	0.8	0.6	64

- 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

6606 Electronics side cutters

DIN ISO 9654, strong model, box joint for precise movement, precision cutting edges, mini bevel, suitable for piano wire, Cu-wire 0,25 mm ϕ can be cut at tips, welded on double leaf spring, alloy steel of highest quality, induction hardened cutting edges, approx. 63 HRC.

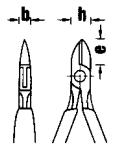


Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	④	Δ g	
6606 110	112	polished	dip-coated with sure-grip surface, ESD applications	13	12	7.5	1.5	1	0.8	0.6	0.6	66
6606 130	125			18	16	10	1.7	1.2	1	0.8	104	

- 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

6607 Electronics side cutters

DIN ISO 9654, slim tapered head for use in confined spaces, box joint for precise movement, precision cutting edges, no bevel suitable for flush cutting of soft and medium hard wire Cu- and diode wires, welded on double leaf spring, alloy steel of highest quality, induction hardened cutting edges, approx. 63 HRC.

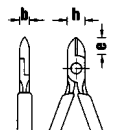


Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	Δ g
6607 110	112	polished	dip-coated with sure-grip surface, ESD applications	13	12	7.5	1.5	1	64
6607 130	125			18	16	10	1.5	1	104

- ① Cutting capacity in mm for soft wire ② Cutting capacity in mm for medium hard wire

6604 Mini-electronics side cutter

DIN ISO 9654, light, slim pattern, especially suitable for use on miniature electronic components, precision cutting edges, mini bevel, suitable for soft and hard wire, Cu-wire of 0.2 mm ϕ can be cut at the tips, welded on double leaf spring, alloy steel of highest quality, induction hardened cutting edges, approx. 63 HRC.

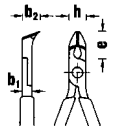


Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	④	Δ g
6604 110	112	polished	dip-coated with sure-grip surface, ESD applications	11	9	6	1	0.8	0.6	0.4	47

- 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

6613 Electronics oblique cutter

DIN ISO 9654, tapered head for use in confined spaces, precision cutting edges for hard and soft wire, head angled by 55°, Cu-wire 0.25 mm ϕ may be cut at the tips, welded on double leaf spring, alloy steel of highest quality, induction hardened mini-bevelled cutting edges, approx. 62 HRC.

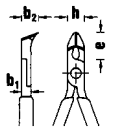


Code	L mm	Head	Handles	e mm	h mm	b ₁ mm	b ₂ mm	①	②	③	④	Δ g
6613 115	112	polished	dip-coated with sure-grip surface, ESD applications	11	11	7.5	10.5	1	0.8	0.6	0.4	54

- 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

6614 Electronics oblique cutter

DIN ISO 9654, as No 6613, but without bevelled cutting edges, for flush cutting of soft and medium hard Cu- and diode wires.



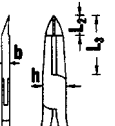
Code	L mm	Head	Handles	e mm	h mm	b ₁ mm	b ₂ mm	①	②	Δ g
66146 115	112	polished	dip-coated with sure-grip surface, ESD applications	11	11	7.5	10.5	1	0.6	55

① Cutting capacity in mm for soft wire

② Cutting capacity in mm for medium hard wire

6615 Electronics oblique cutter

DIN ISO 9654, slim, extended head for delicate cuts in confined spaces, box joint for precise movement, precision cutting edges with mini bevel for Cu- and diode wires, head angled by 30°, welded on double leaf spring, alloy steel of highest quality.



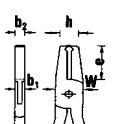
Code	L mm	Head	Handles	L ₂ mm	L ₃ mm	h mm	b mm	①	②	Δ g
66156 115	112	polished	dip-coated with sure-grip surface, ESD applications	8	18	8	6	0.6	0.3	48

① Cutting capacity in mm for soft wire

② Cutting capacity in mm for medium hard wire

6619 Electronics top cutter

DIN ISO 9654, slim long head for use in confined space, box joint for precise movement, precision cutting edges for Cu- and diode wires, mini-bevel, welded on double leaf spring, alloy steel of highest quality.



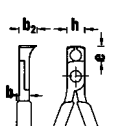
Code	L mm	Head	Handles	e mm	W mm	h mm	b ₁ mm	b ₂ mm	①	②	Δ g
66196 115	112	polished	dip-coated with sure-grip surface, ESD applications	15.5	8.5	5.5	6	5	0.6	0.3	65

① Cutting capacity in mm for soft wire

② Cutting capacity in mm for medium hard wire

6620 Electronics top cutter

DIN ISO 9654, precision cutting edges for soft and hard wires, mini-bevel, head angled 90°, pointed head, Cu-wire 0.25 mm \varnothing may be cut at the tips, welded on double leaf spring, alloy steel of highest quality, induction hardened cutting edges, approx. 60 HRC.



Code	L mm	Head	Handles	e mm	h mm	b ₁ mm	b ₂ mm	①	②	③	④	Δ g
66206 115	112	polished	dip-coated with sure-grip surface, ESD applications	6.5	11	7.5	11	1	0.8	0.6	0.4	82

① Cutting capacity in mm for soft wire

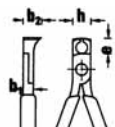
② Cutting capacity in mm for medium hard wire

③ Cutting capacity in mm for hard wire

④ Cutting capacity in mm for piano wire

6621 Electronics top cutter

DIN ISO 9654, as No 6620, but without bevelled cutting edge, for flush cutting of soft and medium hard Cu- and diode wires, alloy steel of highest quality, induction hardened cutting edges, approx. 60 HRC.



Code	L mm	Head	Handles	e mm	h mm	b ₁ mm	b ₂ mm	①	②	Δ g
66216 115	112	polished	dip-coated with sure-grip surface, ESD applications	6.5	11	7.5	11	1	0.6	82

① Cutting capacity in mm for soft wire

② Cutting capacity in mm for medium hard wire