

7 PLIERS & CUTTERS

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Accurate. Strong. Reliable. **STAHLWILLE pliers, cutters & wrenches.**



Made in
Germany

For accurate work and a powerful grip – STAHLWILLE pliers & cutters with multi-component grips. The carefully crafted handle shape and the surface texture ensure firm grip and strain-free handling – even with greasy hands. 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.



7

DURABLE.

Smooth-running lap-joints and high-quality materials for a long tool life.

SAFE.

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

ERGONOMICALLY REFINED.

Work without repetitive strain injury thanks to ergonomically designed cushion grip handles.



ACCURATE.

Specially hardened, high-precision cutting edges enable clean, effortless cutting, even of piano wire.

Combination pliers

6501 Combination pliers

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



65013160



65015160



65016160

Code	L mm	Head	Handles	③	④	⑤	⑥	$\Delta \nabla$ g
65013160	160	polished	multi-component handles with softer layers	1.8	1.5	10	16	183
65013180	180			2	1.8	12	16	226
65013200	200			2.5	2	13	16	312
65015160	160	chrome plated	multi-component handles with softer layers	1.8	1.5	10	16	190
65015180	180			2	1.8	12	16	230
65015200	200			2.5	2	13	16	310
65016160	160	polished	dip-coated with sure-grip surface	1.8	1.5	10	16	165
65016180	180			2	1.8	12	16	205
65016200	200			2.5	2	13	16	288

③ Cutting capacity in mm for hard wire

④ Cutting capacity in mm for piano wire

⑤ Cutting capacity in mm for cable

⑥ Cutting capacity in mm² for cable

Flat nose pliers

6507 Flat nose pliers, short

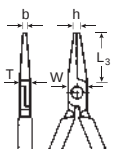
- DIN ISO 5745
- short, flat serrated jaws



65075160



65076160



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	$\Delta \nabla$ g
65075160	160	chrome plated	multi-component handles with softer layers	30	17	10	5	9	180
65076160	160	polished	dip-coated with sure-grip surface	30	17	10	5	9	151

6508 Flat nose pliers, long

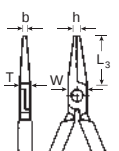
- DIN ISO 5745
- long, flat serrated jaws



65085160



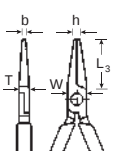
65086160



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	$\Delta \nabla$ g
65085160	160	chrome plated	multi-component handles with softer layers	50	15	8	3	5	160
65086160	160	polished	dip-coated with sure-grip surface	50	15	8	3	5	113

6509 Flat nose pliers, long, with cutter

- designed for gripping and manipulating electronic components
- long, thin, flat serrated jaws
- induction hardened cutting edges approx. 60 HRC
- for soft and hard wires



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	$\Delta \nabla$ g
65095160	160	chrome plated	multi-component handles with softer layers	50	15	8	3	5	160

Pliers & cutters

6510 Mechanics flat nose pliers

- designed for use in fine mechanical and electronics industries
- flat, slim, long serrated jaws
- box joint, for long life
- serrated gripping areas



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	Δg g
65105190	190	chrome plated	dip-coated with sure-grip surface	75	13.5	8.5	2	4.5	121

6516 Mechanics flat nose pliers

- designed for use by instrument mechanics
- flat blunt, serrated jaws
- wear resistant



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	Δg g
65165200	200	chrome plated	dip-coated with sure-grip surface	40	13.5	9.5	2.5	9.5	158

6511 Relay pliers

- DIN 5235
- Form A, flat pointed
- for use on contact and relay springs and on small components
- smooth jaws



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	Δg g
65115135	140	chrome plated	dip-coated with sure-grip surface	33	13	7.5	1	1.5	72

6512 Relay pliers

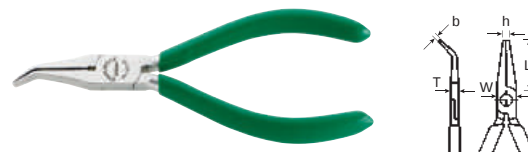
- DIN 5235
- Form B, flat blunt
- for use on contact and relay springs and on small components
- smooth jaws



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	Δg g
65125135	140	chrome plated	dip-coated with sure-grip surface	33	13	7.5	1	3.5	78

6513 Relay pliers

- DIN 5235
- Form C, flat bent, 45° in line with jaws
- for use on contact and relay springs and on small components
- smooth jaws



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	Δg g
65135135	140	chrome plated	dip-coated with sure-grip surface	31	13	7.5	1	3.5	78

6518 Mechanics gripping pliers

- Form A, flat blunt
- designed for use by instrument mechanics
- wide precision jaws, smooth, tapering
- box joint for precise movement



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	Δ g
65 18 51 30	130	chrome plated	dip-coated with sure-grip surface	24	11.5	7	2	6.5	76

6519 Mechanics gripping pliers

- Form B, flat pointed
- designed for use by instrument mechanics
- flat pointed precision jaws, smooth, tapering
- box joint for precise movement



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	Δ g
65 19 51 30	130	chrome plated	dip-coated with sure-grip surface	24	11.5	7	1.5	2	72

Round nose pliers

6523 Round nose pliers, short

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



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	b mm	Δ g
65 23 51 60	160	chrome plated	multi-component handles with softer layers	30	18	10	3	185

6524 Round nose pliers, long

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



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	b mm	Δ g
65 24 51 60	160	chrome plated	multi-component handles with softer layers	47	15.5	8.5	2.5	155

Snipe nose pliers

6529 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



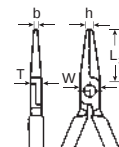
65293160



65295160



65296160



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	Δ g
65293145	140	polished	multi-component handles with softer layers	44	15	8	2.5	2	115
65293160	160			51	16	9	3	2.5	155
65293200	200			73	17	9	3	2.5	197
65295145	140	chrome plated	multi-component handles with softer layers	44	15	8	2.5	2	115
65295160	160			51	16	9	3	2.5	150
65295200	200			73	17	9	3	2.5	200
65296145	140	polished	dip-coated with sure-grip surface	44	15	8	2.5	2	92
65296160	160			51	16	9	3	2.5	125
65296200	200			73	17	9	3	2.5	187

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

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



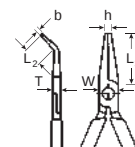
65303200



65305200



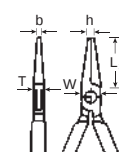
65306200



Code	L mm	Head	Handles	L ₂ mm	L ₃ mm	W mm	T mm	h mm	b mm	Δ g
65303160	160	polished	multi-component handles with softer layers	24	55	16	9	3	2.5	145
65303200	200			28	76	17	9	3.5	2.5	198
65305160	160	chrome plated	multi-component handles with softer layers	24	55	16	9	3	2.5	170
65305200	200			28	76	17	9	3.5	2.5	200
65306160	160	polished	dip-coated with sure-grip surface	24	55	16	9	3	2.5	146
65306200	200			28	76	17	9	3.5	2.5	178

6531 Mechanics snipe nose pliers

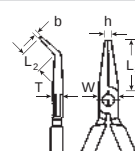
- Form A (straight)
- designed for use on miniature electronic and mechanical components
- half round extra thin, long tapering jaws with fine serration
- box joint for precise movement



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	Δ g
65315170	170	chrome plated	dip-coated with sure-grip surface	63	13.5	8	2.5	2	101

6532 Mechanics snipe nose pliers

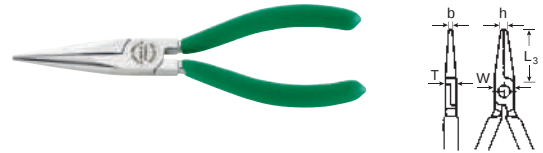
- Form B, bent 45°
- designed for use on miniature electronic and mechanical components
- half round extra thin, long tapering jaws with fine serrations
- box joint for precise movement



Code	L mm	Head	Handles	L ₂ mm	L ₃ mm	W mm	T mm	h mm	b mm	Δ g
65325170	170	chrome plated	dip-coated with sure-grip surface	24	54	13.5	8	2.5	2	98

6533 Mechanics snipe nose pliers

- half round, long tapering, serrated jaws



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	△ g
65335160	160	chrome plated	dip-coated with sure-grip surface	50	15	8	3	2.5	129

6534 Mechanics snipe nose pliers

- Form A (straight)
- half round, long tapering, serrated jaws



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	△ g
65345200	200	chrome plated	multi-component handles with softer layers	76	16	10	3	2.5	220
65345280	280	chrome plated	dip-coated with sure-grip surface	73	20	9.5	3	2.5	255

6535 Mechanics snipe nose pliers

- Form B (bent 45°)
- half round, long tapering, serrated jaws



Code	L mm	Head	Handles	L ₂ mm	L ₃ mm	W mm	T mm	h mm	b mm	△ g
65355200	200	chrome plated	multi-component handles with softer layers	28	68	17	9.5	3.5	2.5	220
65355280	280	chrome plated	dip-coated with sure-grip surface	28	66	20	9.5	3	2.5	255

6536 Snipe nose pliers (needle pliers)

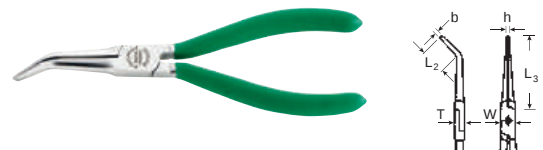
- DIN ISO 9655
- Form A (straight)
- designed for use on electronic components
- half round, extra long tapering jaws with fine serration



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	△ g
65365160	160	chrome plated	dip-coated with sure-grip surface	58	15	8.5	4	3	110

6537 Snipe nose pliers (needle pliers)

- Form B, bent 45°
- designed for use on electronic components
- half round, extra long tapering jaws with fine serration

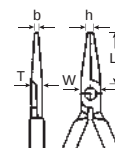


Code	L mm	Head	Handles	L ₂ mm	L ₃ mm	W mm	T mm	h mm	b mm	△ g
65375160	160	chrome plated	dip-coated with sure-grip surface	25	54	14	8	1	3	115

Pliers & cutters

6538 Mechanics snipe nose pliers

- designed for use on miniature mechanical components
- half round tapering jaws
- wear resisting serration



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	Δg g
65385200	200	chrome plated	dip-coated with sure-grip surface	38	13	9.5	2.5	2	157

Circlip Pliers

6543 Circlip pliers for inside circlips

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



64434002



65436002

Code	size	L mm	tips ∅ mm	for circlips mm	Head	Handles	Δg g
65434000	J 0	140	0.9	8-13	matchrome plated	chrome plated, chequered	90
65434001	J 1	140	1.3	12-25			90
65434002	J 2	180	1.8	19-60			135
65434003	J 3	225	2.3	40-100			195
65434004	J 4	320	3.2	85-140			419
65436000	J 0	140	0.9	8-13	polished	dip-coated with sure-grip surface	100
65436001	J 1	140	1.3	12-25			100
65436002	J 2	180	1.8	19-60			150
65436003	J 3	225	2.3	40-100			215
65436004	J 4	320	3.2	85-140			462

6544 Circlip pliers for inside circlips

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



65444021



65446021

Code	size	L mm	tips ∅ mm	for circlips mm	Head	Handles	Δg g
65444001	J 01	130	0.9	8-13	matchrome plated	chrome plated, chequered	90
65444011	J 11	130	1.3	12-25			90
65444021	J 21	170	1.8	19-60			135
65444031	J 31	215	2.3	40-100			195
65444041	J 41	300	3.2	85-140			416
65446001	J 01	130	0.9	8-13	polished	dip-coated with sure-grip surface	100
65446011	J 11	130	1.3	12-25			100
65446021	J 21	170	1.8	19-60			150
65446031	J 31	215	2.3	40-100			215
65446041	J 41	300	3.2	85-140			432

6545 Circlip pliers for outside circlips

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



65 45 40 02



65 45 60 02

Code	size	L mm	tips Ø mm	for circlips mm	Head	Handles	Weight g
65 45 40 00	A 0	140	0.9	3-10	matchrome plated	chrome plated, chequered	95
65 45 40 01	A 1	140	1.3	10-25			95
65 45 40 02	A 2	180	1.8	19-60			145
65 45 40 03	A 3	210	2.3	40-100			205
65 45 40 04	A 4	315	3.2	85-140			437
65 45 60 00	A 0	140	0.9	3-10	polished	dip-coated with sure-grip surface	105
65 45 60 01	A 1	140	1.3	10-25			105
65 45 60 02	A 2	180	1.8	19-60			160
65 45 60 03	A 3	210	2.3	40-100			232
65 45 60 04	A 4	315	3.2	85-140			491

6546 Circlip pliers for outside circlips

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



65 46 40 21



65 46 60 21

Code	size	L mm	tips Ø mm	for circlips mm	Head	Handles	Weight g
65 46 40 01	A 01	125	0.9	3-10	matchrome plated	chrome plated, chequered	95
65 46 40 11	A 11	125	1.3	10-25			95
65 46 40 21	A 21	170	1.8	19-60			145
65 46 40 31	A 31	200	2.3	40-100			111
65 46 40 41	A 41	290	3.2	85-140			431
65 46 60 01	A 01	125	0.9	3-10	polished	dip-coated with sure-grip surface	105
65 46 60 11	A 11	125	1.3	10-25			105
65 46 60 21	A 21	170	1.8	19-60			160
65 46 60 31	A 31	200	2.3	40-100			236
65 46 60 41	A 41	290	3.2	85-140			468

6547 Special circlip pliers for slotted circlips

- for slotted circlips (as used on shafts of engines, gearboxes, differentials, clutches etc.)
- with wear resistant compression spring



65 47 41 70



65 47 61 70

Code	L mm	Head	Handles	Weight g
65 47 41 70	170	matchrome plated	chrome plated, chequered	154
65 47 61 70	170	polished	dip-coated with sure-grip surface	162

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



Code	L mm	Jaw opening max. mm	Head	Handles	Weight g
65515240	245	34	chrome plated	multi-component handles with softer layers	330
65516175	177	24	black lacquered, jaws polished	black lacquered, box frame polished, dip-coated	173
65516240	240	34			320
65516300	302	45			520

6572 Waterpump pliers FastGRIP

- patent
- DIN ISO 8976
- box joint with dual support
- fast adjustment on the work piece via push button
- freely and easily adjustable 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



Code	L mm	Jaw opening max. mm	Head	Handles	Weight g
65726180	180	28	polished	dip-coated with sure-grip surface	236
65726240	240	37			405
65726300	300	44			530

6573 PowerGRIP pliers wrench

- patent
- 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



Code	L mm	Jaw opening max. mm	Head	Handles	Weight g
65735180	192	36	chrome plated	dip-coated with sure-grip surface	291
65735250	253	46			485
65735300	300	60			661

6554 Waterpump pliers, with rapid adjustment

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



Code	L mm	Jaw opening max. mm	Head	Handles	Weight g
65544250	255 ¹⁾	52	chrome plated	chrome plated, chequered	476
65544375	375	61			1066

¹⁾ anti-squeeze protection

6954 Spare springs for No 6554

Code	Spare spring for No	g
69540002	65544250	3
69540003	65544375	4

6515 MINI-waterpump pliers

- box joint
- 4 adjustment positions
- anti-squeeze protection
- Chrome Vanadium



Code	L mm	Jaw opening max. mm	Head	Handles	g
65156125	125	25	black lacquered, polished	dip-coated with sure-grip surface	118

Pipe Wrenches

6549 Pipe wrenches

- Type B
- 45°
- DIN 5234



Code	size	L mm	Jaw opening max. mm	Head	Handles	g
65490315	1	330	35	red lacquered	red lacquered	780
65490420	1 1/2	445	62			1626
65490555	2	560	78			2780

6556 Swedish pattern wrenches

- Type A
- 90°
- DIN 5234



Code	size	L mm	Jaw opening max. mm	Head	Handles	g
65560310	1	320	44	red lacquered	red lacquered	780
65560420	1 1/2	420	64			1560
65560560	2	540	83			2676

6557 S-shaped Swedish pattern wrenches

- Type C
- DIN 5234



Code	size	L mm	Jaw opening max. mm	Head	Handles	g
65570320	1	330	40	red lacquered, polished	red lacquered	811
65570416	1 1/2	440	60			1595
65570535	2	560	70			2677

Pliers & cutters

6558 "Heavy-duty" pipe wrenches

- US-standard GGG-W-651 Type II, category A



Code	size	L mm	Jaw opening max. mm	Head	Handles	Δ g
65 58 02 50	10"	250	49	black lacquered, polished	red lacquered	805
65 58 03 00	12"	300	61			1255
65 58 03 50	14"	350	61			1665
65 58 04 50	18"	450	77			2660
65 58 06 00	24"	600	90			3955

6559 "Stillson" pipe wrenches

- US-standard GGG-W-651 Type I, category A



Code	size	L mm	Jaw opening max. mm	Head	Handles	Δ g
65 59 02 50	10"	250	35	black lacquered, polished	red lacquered	550
65 59 03 00	12"	300	43			750
65 59 03 50	14"	350	49			1080
65 59 04 50	18"	450	61			1725
65 59 06 00	24"	600	77			2745

Self Grip Wrenches

6561 Wide jaw self grip wrench

- 80 mm jaw width, quick release lever
- Chrome Vanadium



Code	L mm	S mm	Head	Handles	Δ g
6561 21 75	175	20	bright nickel-plated	bright nickel-plated	364

6562 Parallel jaw self grip wrench

- forged jaws, quick release lever
- Chrome Vanadium



Code	L mm	S mm	Head	Handles	Δ g
6562 22 50	250	50	bright nickel-plated	bright nickel-plated	700

6562/1, 6562/2 Parallel jaw self grip wrenches

- forged jaws, quick release lever
- for small round parts (V-cutout in one jaw) and also suitable for larger workpieces
- also ideal for gently gripping sensitive workpieces
- Chrome Vanadium



Code	L mm	S mm	Head	Handles	Δ g
65622100	250	100	bright nickel-plated	bright nickel-plated	998
65622200	250	200			1100

6962 Plastic protective jaws for parallel jaw self grip wrenches No 6562/1 and No 6562/2

- 1 pair
- provides additional protection for clamped workpieces

Code	Δ g
69620001	10

6563 Universal self grip wrenches

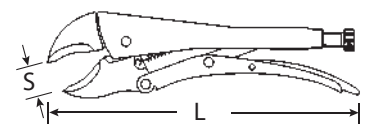
- forged jaws (one straight, one contoured), quick release lever
- Chrome Vanadium



Code	L mm	S mm	Head	Handles	Δ g
65632175	175	25	bright nickel-plated	bright nickel-plated	365
65632250	250	30			500

6564 Self grip wrenches

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



Code	L mm	S mm	Head	Handles	Δ g
65642145	145	14	bright nickel-plated	bright nickel-plated	175
65642175	175	30			323
65642250	250	40			550
65642300	300	65			977

Pliers & cutters

6565 Welders self grip wrench

- with quick release lever
- **malleable cast iron jaws**
- Chrome Vanadium



Code	L mm	S mm	Head	Handles	Δ g
6565 2280	280	65	bright nickel-plated	bright nickel-plated	941

6566 Pipe welders self grip wrench

- with quick release lever
- **malleable cast iron jaws**
- Chrome Vanadium



Code	L mm	S mm	Head	Handles	Δ g
6566 2280	280	85	bright nickel-plated	bright nickel-plated	944

6567 C-Clamp self grip wrenches

- with quick release lever
- Chrome Vanadium



Code	L mm	S mm	Head	Handles	Δ g
6567 2175	175	75	bright nickel-plated	bright nickel-plated	236
6567 2280	280	85			694

6568 Long reach grip wrenches

- extra large capacity
- quick release lever
- Chrome Vanadium



Code	L mm	S mm	Head	Handles	Δ g
6568 2460	460	180	bright nickel-plated	bright nickel-plated	1100
6568 2600	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	Δ g
6571 2165	165	23	bright nickel-plated	bright nickel-plated	190

Wire Twisting Pliers

6575

Wire twisting pliers

- 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 anticlockwise use**
- with automatic return action
- Chrome Vanadium



Code	L mm	Head	Handles	⚖ g
6575 1220	230	gunmetal finish, polished	gunmetal finish	330
6575 1280	280			440



7

Various Gripping Pliers

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
6576 5231	230	chrome plated	with dip-coated	288

6976

Loose plastic jaws for No 6576N

Code	⚖ g
6976 0001	4

Side Cutters

6600

Side cutters ✂

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



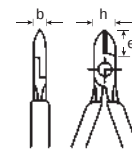
66003160



66005160



66006160



Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	④	△ g
66003130	125	polished	multi-component handles with softer layers	24	17	8.6	2.8	2.3	1.5	1.25	110
66003145	140			25.7	18.5	8.2	3	2.5	1.8	1.6	147
66003160	160			29.5	22.5	9.5	3	2.8	2	1.6	188
66003180	180			32	23.5	11	3.8	3	2.5	2	242
66005130	125	chrome plated	multi-component handles with softer layers	24	17	8.6	2.8	2.3	1.5	1.25	105
66005145	140			25.7	18.5	8.2	3	2.5	1.8	1.6	160
66005160	160			29.5	22.5	9.5	3	2.8	2	1.6	190
66005180	180			32	23.5	11	3.8	3	2.5	2	255
66006130	125	polished	dip-coated with suregrip surface	24	17	8.6	2.8	2.3	1.5	1.25	92
66006145	140			25.7	18.5	8.2	3	2.5	1.8	1.6	121
66006160	160			29.5	22.5	9.5	3	2.8	2	1.6	165
66006180	180			32	23.5	11	3.8	3	2.5	2	205

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

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



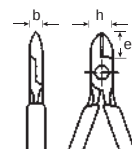
66023200



66025200



66026200



Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	④	△ g
66023140	140	polished	multi-component handles with softer layers	23.5	20	9	4	3.1	2	1.5	156
66023160	160			25.5	25	9.5	4	3.4	2.5	2	203
66023180	180			27.5	26.5	10.5	4	3.8	2.7	2.2	251
66023200	200			31	28	11.5	4	4	3	2.5	305
66023250	250			32	29.5	12	4	4	3.5	3	407
66025140	140	chrome plated	multi-component handles with softer layers	23.5	20	9	4	3.1	2	1.5	145
66025160	160			25.5	25	9.5	4	3.4	2.5	2	210
66025180	180			27.5	26.5	10.5	4	3.8	2.7	2.2	245
66025200	200			31	28	11.5	4	4	3	2.5	310
66025250	250			32	29.5	12	4	4	3.5	3	409
66026140	140	polished	dip-coated with suregrip surface	23.5	20	9	4	3.1	2	1.5	140
66026160	160			25.5	25	9.5	4	3.4	2.5	2	170
66026180	180			27.5	26.5	10.5	4	3.8	2.7	2.2	230
66026200	200			31	28	11.5	4	4	3	2.5	260
66026250	250			32	29.5	12	4	4	3.5	3	375

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

6601 Side cutter

- as No 6600, fitted with double leaf spring
- mini bevel



Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	④	Δ g
66016110	110	polished	dip-coated with suregrip surface	15	15	8.5	2.5	1.5	1.2	0.8	79
① Cutting capacity in mm for soft wire				③ Cutting capacity in mm for hard wire							
② Cutting capacity in mm for medium hard wire				④ Cutting capacity in mm for piano wire							

Oblique Cutter

6612 Mechanics oblique cutter

- suitable for use on miniature mechanical and electronic components
- precision cutting edges for hard and soft wire
- head angled by 28°
- Cu-wire 0,25 mm ϕ may be cut at tips
- alloy steel of highest quality
- induction hardened mini-bevelled cutting edges, approx. 60 HRC



Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	 g
66125185	185	chrome plated	dip-coated with sure-grip surface	14	13.5	9.5	2	1.8	1.5	145
① Cutting capacity in mm for soft wire				③ Cutting capacity in mm for hard wire						
② Cutting capacity in mm for medium hard wire										

Top Cutters

6618 Heavy-duty top cutters

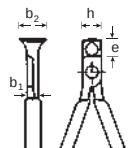
- DIN ISO 5748
- precision cutting edges for all wires, incl. piano wire
- alloy steel of highest quality
- induction hardened bevelled cutting edges, approx. 63 HRC



66 185160



66 186160



Code	L mm	Head	Handles	e mm	h mm	b ₁ mm	b ₂ mm	①	②	③	④	Δ g
66185160	160	chrome plated	multi-component handles with softer layers	17	26	11.5	24	3.8	3	2.5	2	240
66186160	160	polished	dip-coated with sure-grip surface	17	26	11.5	24	3.8	3	2.5	2	211
① Cutting capacity in mm for soft wire						③ Cutting capacity in mm for hard wire						
② Cutting capacity in mm for medium hard wire						④ Cutting capacity in mm for piano wire						

6617 Lever action top cutters

- DIN ISO 5748
- for piano wire
- special steel

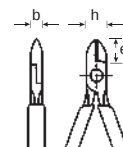


Code	L mm	Head	Handles	①	②	③	④	 g
66170180	180	polished	black lacquered	3.5	3	2.5	2.25	394
66170215	215			4	3.5	2.8	2.5	440
66170235	235			4	3.5	3	2.75	467
① Cutting capacity in mm for soft wire				③ Cutting capacity in mm for hard wire				
② Cutting capacity in mm for medium hard wire				④ Cutting capacity in mm for piano wire				

Plastic side-cutters

6670 Plastic side-cutter ✂

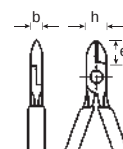
- for plastic injection mouldings
- with particularly narrow, straight cutting edges
- with no bevel to enable flush trimming of sprues and burrs
- only for thin sprues made of soft thermoplastic
- with spring-loaded opening
- induction-hardened cutting edges



Code	L mm	Head	Handles	e mm	h mm	b mm	$\Delta \nabla$ g
66706120	120	polished	dip-coated with sure-grip surface	13	11	7	56

6671 Plastic side-cutter ✂

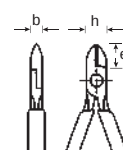
- for plastic injection mouldings
- with particularly narrow, straight cutting edges
- 45° angled
- with no bevel to enable flush trimming of sprues and burrs
- only for thin sprues made of soft thermoplastic
- with spring-loaded opening
- induction-hardened cutting edges



Code	L mm	Head	Handles	e mm	h mm	b mm	$\Delta \nabla$ g
66716120	120	polished	dip-coated with sure-grip surface	12	11	7	56

6672 Plastic side-cutters ✂

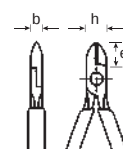
- for plastic injection mouldings
- with straight cutting edges
- 20° angled
- with no bevel to enable flush trimming of sprues and burrs
- with spring-loaded opening
- induction-hardened cutting edges



Code	L mm	Head	Handles	e mm	h mm	b mm	$\Delta \nabla$ g
66726130	130	polished	dip-coated with sure-grip surface	22	16	9	107
66726145	145			25	17	10	120
66726160	160			28	18	10	161

6673 Plastic side-cutters ✂

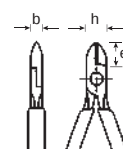
- for plastic injection mouldings
- with raised cutting edges
- 20° angled
- with no bevel to enable flush trimming of sprues and burrs
- with spring-loaded opening
- induction-hardened cutting edges



Code	L mm	Head	Handles	e mm	h mm	b mm	$\Delta \nabla$ g
66736130	130	polished	dip-coated with sure-grip surface	22	17	8.5	107
66736145	145			23	18	9.5	119
66736160	160			28	18	10.5	165

6674 Plastic side-cutter ✂

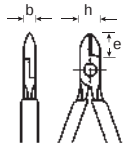
- for plastic injection mouldings
- with convex cutting edge
- with no bevel to enable flush trimming of sprues and burrs
- with spring-loaded opening
- induction-hardened cutting edges



Code	L mm	Head	Handles	e mm	h mm	b mm	$\Delta \nabla$ g
66746160	160	polished	dip-coated with sure-grip surface	28	20	11	162

6676 Plastic side-cutters

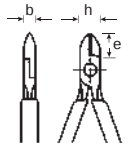
- for plastic injection mouldings
- with straight cutting edges
- 30° angled
- with no bevel to enable flush trimming of sprues and burrs
- with spring-loaded opening
- induction-hardened cutting edges



Code	L mm	Head	Handles	e mm	h mm	b mm	△ g
66766130	130	polished	dip-coated with sure-grip surface	19	16.5	8.5	105
66766145	145			21	18.5	9.5	125
66766160	160			28	20	11	165

6677 Plastic side-cutter

- for plastic injection mouldings
- with straight cutting edges
- 90° angled
- with no bevel to enable flush trimming of sprues and burrs
- with spring-loaded opening
- induction-hardened cutting edges



Code	L mm	Head	Handles	e mm	h mm	b mm	△ g
66776160	160	polished	dip-coated with sure-grip surface	25	21	10	166

Wire Stripping Pliers

6622 Wire stripping pliers

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



66 22 51 60



66 22 61 60

Code	L mm	Head	Handles	△ g
66225160	160	chrome plated	multi-component handles with softer layers	195
66226160	160	polished	dip-coated with sure-grip surface	134

6623 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



Code	L mm	Head	Handles	△ g
66235160	160	chrome plated	multi-component handles with softer layers	175

6923 Replacement stripping knives (1 pair) for No 6623

Code	△ g
69230001	11

6624 Wire stripping pliers

- for wires from 0.3 to 1.2 mm Ø
- self adjusting
- cutter hole for cutting wire or stranded wires up to 5 mm Ø
- special alloy steel



Code	L mm	Head	Handles	△ g
66245160	160	chrome plated	multi-component handles with softer layers	186

Cable Shear

6630 Cable shear

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



Code	L mm	Head	Handles	⑦	⑧	⑨	△ g
66305220	220	chrome-plated	dip-coated with sure-grip surface	16	35	70	290

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

Crimping Pliers

6634 Crimping pliers

- with half round profile
- for reliable crimping of terminal sleeves DIN 46228
- 8 deep slots with tapering side walls
- crimping within the size marked profiles in one operation



Code	L mm	Head	Handles	crimping range mm ²	△ g
66346220	220	gunmetal finish	dip-coated with sure-grip surface	0.25; 0.5; 0.75; 1; 1.5; 2.5; 4; 6; 10; 16	240

6637 Crimping pliers

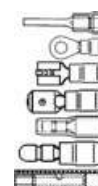
- for use with terminal sleeves with or without an insulating collar in accordance with DIN 46228
- high precision crimping
- easy-action force transmission coupled with simple handling
- unlockable autolock
- accurately ground profiles
- crimp shape: □



Code	L mm	Head	Handles	crimping range mm ²	△ g
66370195	195	gunmetal finish	with plastic sleeves	0.08 - 10	298

6638 Crimping pliers

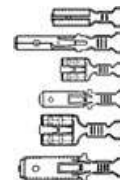
- for red/blue/yellow insulated cable lugs, pin-type cable lugs, flat plugs and sleeves, round plugs and sleeves, butt and parallel connectors
- unlockable autolock
- easy handling
- stripping and cutting device, refer to No 6966
- crimp shape: ○



Code	L mm	Head	Handles	crimping range mm ²	△ g
66380220	220	gunmetal finish	with plastic sleeves	red = 0.5-1 (AWG 20-18); blue = 1.5-2.5 (AWG 16-14); yellow = 4-6 (AWG 12-10)	477

6639 Crimping pliers

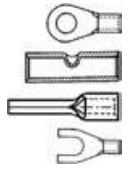
- for non-insulated flat plugs and flat sleeves for nominal DIN widths F2.8; F4.8; F6.3; F9.5
- unlockable autolock
- easy handling
- stripping and cutting device, refer to No 6966
- crimp shape: ⊞



Code	L mm	Head	Handles	crimping range mm ²	△ g
66390220	220	gunmetal finish	with plastic sleeves	0.25-0.5 (AWG 24-20); 0.5-1 (AWG 20-18); 4-6 (AWG 12-10); 1.5-2.5 (AWG 16-14)	483

6640 Crimping pliers

- for non-insulated cable lugs and tubular cable lugs with closed crimp sleeves
- unlockable autolock
- easy handling
- stripping and cutting device, refer to No 6966
- crimp shape: 



Code	L mm	Head	Handles	crimping range mm ²	 g
66400220	220	gunmetal finish	with plastic sleeves	0.1-0.35 (AWG 26-22); 0.5-1 (AWG 20-18); 1.5-2.5 (AWG 16-14); 4-6 (AWG 12-10); 10-16 (AWG 8-6)	465

6641 Crimping pliers

- for use with terminal sleeves with or without an insulating collar in accordance with DIN 46228
- unlockable autolock
- easy handling
- stripping and cutting device, refer to No 6966
- crimp shape: 



Code	L mm	Head	Handles	crimping range mm ²	 g
66410220	220	gunmetal finish	with plastic sleeves	0.14-0.5; 0.75-1.5; 2.5; 4; 6; 10	536

6966 Stripping and cutting tool

- for stripping wires from 0.5 to 6 mm ϕ
- cables can also be cut
- for use with crimping pliers No 6638, 6639, 6640 and 6641



Code	 g
69660000	37

Various Cutting Pliers

6660 Steel fixers pincers

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



Code	L mm	Head	Handles	 g
66601220	224	polished	black lacquered	318
66601250	250			390
66601280	280			475

6661 Pincers

- DIN ISO 9243
- special steel
- drop-forged
- oil hardened



Code	L mm	Head	Handles	 g
66611180	180	polished	black lacquered	322
66611200	200			350

Pliers & cutters

6662 Heavy-duty steel fixer pincers

- DIN ISO 9243
- induction-hardened cutting edges
- high wear resistance
- extremely low cutting force effort due to very large lever effect and optimum cutting edges geometry
- clearly damped cutting shock due to "elastic" pliers body, therefore ideal for continuous use special steel
- ultra-slim design, ideal for binding recessed reinforcing bars
- special steel
- drop-forged
- oil hardened



Code	L mm	Head	Handles	g
66624300	300	chrome plated, polished	chrome plated	478

6706 Set with 3 pliers, polished

dip-coated,
in plastic inlay
Content:

- 6501** Combination pliers,
180 mm
- 6602** Heavy-duty side cutter,
160 mm
- 6529** Snipe nose pliers,
200 mm



Code	g
96650008	750

6705 Set with 3 pliers, polished

dip-coated,
in plastic inlay
Content:

- 6551** Waterpump pliers,
240 mm, lacquered
- 6501** Combination pliers,
180 mm
- 6602** Heavy-duty side cutter,
160 mm



Code	g
96650007	880

6703 Set with 3 pliers, chrome plated

multi-component handles with
softer layers,
in plastic inlay
Content:

- 6501** Combination pliers,
180 mm
- 6602** Heavy-duty side cutter,
160 mm
- 6529** Snipe nose pliers,
200 mm



Code	g
96650005	810

6704 Set with 3 pliers, chrome plated

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

- 6551** Waterpump pliers,
240 mm
- 6501** Combination pliers,
180 mm
- 6602** Heavy-duty side cutter,
160 mm



Code	g
96650006	900

6702 Set with 4 pliers, chrome plated

handles chequered, in plastic inlay
Content:

- 6543** Circlip pliers,
J2
- 6544** Circlip pliers,
J21
- 6545** Circlip pliers,
A2
- 6546** Circlip pliers,
A21



Code	g
96650004	590

Sets of pliers in plastic inlays also suitable for workbench No WB620, tool trolleys No 90, 95, 95VA, 98VA, magazine case No 920 and wheely box No 922N (modular system see page 46-79)

ES 6501-6602/7A



- 530 x 350 x 40 mm
- 7 pieces

Code	g
96838121	2085

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

ES 6501-6602/7B



- 530 x 350 x 40 mm
- 7 pieces

Code	g
96838132	2055

No		
	65015200	200 mm
	65295160	160 mm
	65434002	J2 180 mm
	65454002	A2 180 mm
	65516240	240 mm
	65642250	250 mm
	66025160	160 mm

TCS 6501-6602/3



TCS



- 175 x 350 x 40 mm
- 3 pieces

Code	g
96838775	1125

No		
	65015200	200 mm
	65516300	302 mm
	66025180	180 mm

TCS 6501-6602/4



TCS



- 175 x 350 x 35 mm
- 4 pieces

Code	g
96838179	1070

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

TCS 6501-6602/4N



TCS



- 175 x 350 x 35 mm
- 4 pieces

Code	g
96830622	1145

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

Pliers & cutters

TCS 6543-6564/3



- 175 x 350 x 30 mm
- 3 pieces



Code	Δg
96838180	975

No		
65 43 4002	J2 180 mm	
65 45 4002	A2 180 mm	
65 64 2250	250 mm	

TCS 6543-6546/4



- 175 x 350 x 30 mm
- 4 pieces



Code	Δg
96830608	626

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

TCS 6534-6545/6



- 350 x 350 x 30 mm
- 6 pieces



Code	Δg
96832100	1070

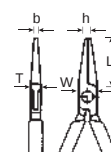
No		
65 34 5280	280 mm	
65 35 5200	200 mm	
65 43 4001	J1 140 mm	
65 43 4002	J2 180 mm	
65 45 4001	A1 140 mm	
65 45 4002	A2 180 mm	

7

Electronics Pliers, suitable for electrostatic discharge (ESD) applications ⚡

6517 Electronics flat nose pliers ⚡

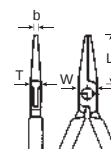
- DIN ISO 9655
- designed for use on miniature electronic and mechanical components
- welded on double leaf spring
- precision jaws, smooth, tapering
- box joint for precise movement



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	Δg g
65 17 6120	125	polished	dip-coated with sure-grip surface, ESD applications	20	9	6.5	1.5	3	47

6526 Electronics round nose pliers ⚡

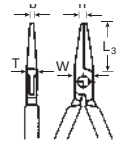
- DIN ISO 9655
- designed for use on miniature electronic and mechanical components
- welded on double leaf spring
- smooth, thin, round precision jaws
- box joint for precise movement



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	b mm	Δg g
65 26 6120	125	polished	dip-coated with sure-grip surface, ESD applications	22	9	6.5	1.25	45

6540 Electronics snipe nose pliers

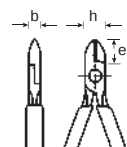
- DIN ISO 9655
- designed for use on miniature electronic and mechanical components
- welded on double leaf spring
- half round, smooth precision jaws, tapering
- box joint for precise movement



Code	L mm	Head	Handles	L ₃ mm	W mm	T mm	h mm	b mm	△ 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 ϕ can be cut at the tips
- welded on double leaf spring
- alloy steel of highest quality
- induction hardened cutting edges, approx. 63 HRC

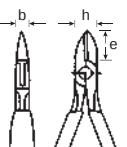


Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	④	△ g
66036115	115	polished	dip-coated with sure-grip surface, ESD applications	14	11	6.5	1.5	1	0.8	0.5	60

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

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

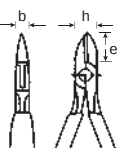


Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	④	△ g
66056110	112	polished	dip-coated with sure-grip surface, ESD applications	13	10.5	7	1.5	1	0.8	0.6	64

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

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



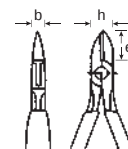
Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	③	④	△ g
66066110	112	polished	dip-coated with sure-grip surface, ESD applications	13	12	7.5	1.5	1	0.8	0.6	64
66066130	125			18	16	10	1.7	1.2	1	0.8	104

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

Pliers & cutters

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



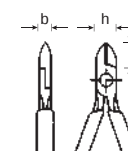
Code	L mm	Head	Handles	e mm	h mm	b mm	①	②	Δ g
66076110	112	polished	dip-coated with sure-grip surface, ESD applications	13	12	7.5	1.5	1	64
66076130	125			18	16	10	1.5	1	104

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
66046110	112	polished	dip-coated with sure-grip surface, ESD applications	11	9	6	1	0.8	0.6	0.4	49

① Cutting capacity in mm for soft wire

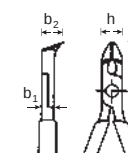
③ Cutting capacity in mm for hard wire

② Cutting capacity in mm for medium hard wire

④ Cutting capacity in mm for piano wire

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
66136115	112	polished	dip-coated with sure-grip surface, ESD applications	11	11	7.5	10.5	1	0.8	0.6	0.4	60

① Cutting capacity in mm for soft wire

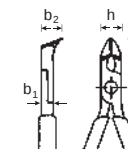
③ Cutting capacity in mm for hard wire

② Cutting capacity in mm for medium hard wire

④ Cutting capacity in mm for piano wire

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
66146115	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	$\Delta \Delta$ g
66156115	112	polished	dip-coated with sure-grip surface, ESD applications	8	18	8	6	0.6	0.3	47
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	h mm	b ₁ mm	b ₂ mm	①	②	$\Delta \Delta$ g
66196115	112	polished	dip-coated with sure-grip surface, ESD applications	15.5	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 ϕ 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	 g
66206115	112	polished	dip-coated with sure-grip surface, ESD applications	6.5	11	7.5	11	1	0.8	0.6	0.4	83
① Cutting capacity in mm for soft wire								③ Cutting capacity in mm for hard wire				
② Cutting capacity in mm for medium hard wire								④ Cutting capacity in mm for piano wire				

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	$\Delta \Delta$ g
66216115	112	polished	dip-coated with sure-grip surface, ESD applications	6.5	11	7.5	11	1	0.6	84
① Cutting capacity in mm for soft wire				② Cutting capacity in mm for medium hard wire						