

PLIERS, CUTTERS & WRENCHES



BERTOOL
MADE IN GERMANY

BERTOOL pliers, cutters & wrenches

– for precision work and a powerful grip:

- made from carefully selected steel grades
- manufactured in our own foundry
- hardened in oil
- induction hardened cutting edges
- 2-component plastic heat-bonded, non-slip soft grip provides maximum safety and power transmission

Quality controls

BERTOOL pliers, cutters & wrenches are manufactured in individual production stages, each one stringently monitored to assure optimum quality. These checks include consistent hardness and cutting-edge tests.

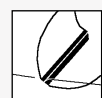


The main pictograms

Type of wire	Material	Tensile strength
	soft	copper plastic
	medium	nails hard wire nails
	hard	wire cable spring wire
	piano	hardened spring steel
	Cu cable	copper



For piano wire



Application



Cutting edge
hardness



Application



Serrated
jaws



Lap
joint



Serrated
jaws



Lay-on
joint



Standard
bevel



Box
joint

*BERTOOL pliers, cutters & wrenches.
Reliability. Durability. Simplicity.*



All pliers, cutters & wrenches individually packed

6201

COMBINATION PLIERS

DIN ISO 5746, high quality alloy steel, induction hardened (approx. 64 HRC).

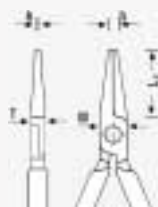
Precision cutters for all wire types, including piano wire.



CODE		L mm	L ₃ mm	W mm	T mm	h mm					
62 01 11 16	chrome plated, plastic sleeves	160	35	23	10	6	1.8	1.5	10	16	190
62 01 11 18		180	38	25	10.5	6.5	2	1.8	12	16	277
62 01 11 20		200	42	27	12	7	2.5	2	13	16	361
62 01 06 16	polished, dip-coated	160	35	23	10	6	1.8	1.5	10	16	165
62 01 06 18		180	38	25	10.5	6.5	2	1.8	12	16	200
62 01 06 20		200	42	27	12	7	2.5	2	13	16	270



PLIERS, CUTTERS & WRENCHES



6229

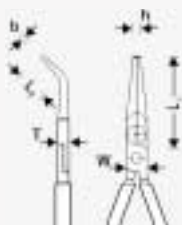
SNIP-NOSE PLIERS with cutters

(radio and telephone pliers)

DIN ISO 5745, straight, half-round, long tapering serrated jaws with concave grip section for holding nuts or pins. Jaws induction hardened (approx. 60 HRC). Precision cutters, for soft or hard wire.



CODE		L mm	L ₃ mm	W mm	T mm	h mm	b mm	Ø g
62 29 11 16	chrome plated,	160	51	16	9	3	2.5	168
62 29 11 20	plastic sleeves	200	73	17	9	3	2.5	203
62 29 06 16	polished,	160	51	16	9	3	2.5	130
62 29 06 20	dip-coated	200	73	17	9	3	2.5	200

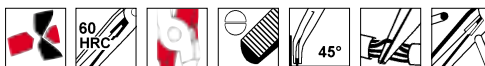


6230

SNIP-NOSE PLIERS with cutters

(radio and telephone pliers)

DIN ISO 5745, 45° angled, half-round, long tapering serrated jaws with concave grip section for holding nuts or pins. Jaws induction hardened (approx. 60 HRC). Precision cutters, for soft or hard wire.



CODE		L mm	L ₂ mm	L ₃ mm	W mm	T mm	h mm	b mm	Ø g
62 30 11 20	chrome plated,	200	28	76	17	9	3.5	3	203
62 30 06 20	polished,	200	28	76	17	9	3.5	3	183
	dip-coated								



6243

CIRCLIP PLIERS

for inside rings (hollow shafts etc.)

DIN 5256, Type C, straight, chrome-vanadium, drop-forged, oil-hardened, precision, non-slip tips.



CODE		L mm	size	for circlips	size DIN	Ø g
62 43 04 01	chrome plated,	140	J1	12 to 25 mm	C 12	85
62 43 04 02	textured handles	180	J2	19 to 60 mm	C 19	145
62 43 04 03		225	J3	40 to 100 mm	C 40	215



6244

CIRCLIP PLIERS

for inside rings (hollow shafts etc.)

DIN 5256, Type D, angled 90° downwards, chrome-vanadium, drop-forged, oil-hardened, precision, non-slip tips.



CODE		L mm	size	for circlips	size DIN	Ø g
62 44 04 11	chrome plated,	125	J11	12 to 25 mm	D 12	85
62 44 04 21	textured handles	170	J21	19 to 60 mm	D 19	145
62 44 04 31		200	J31	40 to 100 mm	D 40	215

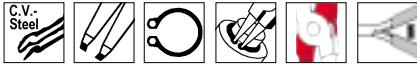


6245

CIRCLIP PLIERS

for outside rings (outer shafts etc.)

DIN 5254, Type A, straight, chrome-vanadium, drop-forged, oil-hardened, precision, non-slip tips, return spring.



CODE		L mm	size	for circlips	size DIN	 g
62 45 04 01	chrome plated, textured handles	140	A1	10 to 25 mm	A 10	85
62 45 04 02		180	A2	19 to 60 mm	A 19	145
62 45 04 03		225	A3	40 to 100 mm	A 40	215

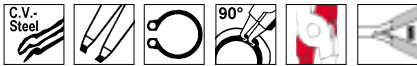


6246

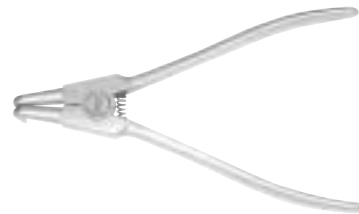
CIRCLIP PLIERS

for outside rings (outer shafts etc.)

DIN 5254, Type B, angled 90° downwards, chrome-vanadium, drop-forged, oil-hardened, precision, non-slip tips, return spring.



CODE		L mm	size	for circlips	size DIN	 g
62 46 04 11	chrome plated, textured handles	125	A11	10 to 25 mm	B 10	85
62 46 04 21		170	A21	19 to 60 mm	B 19	145
62 46 04 31		200	A31	40 to 100 mm	B 40	215



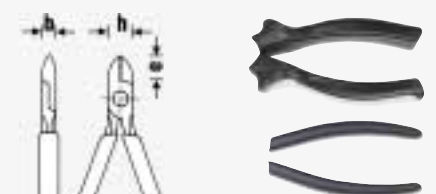
6300

SIDE-CUTTERS

DIN ISO 5749, Type B, induction hardened (approx. 64 HRC).
Precision cutters for all wire types, including piano wire.
High-quality alloy steel.



CODE		L mm	e mm	h mm	b mm	 mm	 mm	 mm	 mm	 g
63 00 11 16	chrome plated,	160	22	20	10	3	2.8	2	1.6	216
63 00 11 18	plastic sleeves	180	25	22	12.5	3.8	3	2.5	2	270
63 00 06 16	polished,	160	22	20	10	3	2.8	2	1.6	183
63 00 06 18	dip-coated	180	25	22	12.5	3.8	3	2.5	2	233



6302

HEAVY-DUTY SIDE-CUTTERS

DIN ISO 5749, Type A, induction hardened (approx. 64 HRC).
Precision cutters for all wire types, including piano wire.
High-quality alloy steel.



CODE		L mm	e mm	h mm	b mm	 mm	 mm	 mm	 mm	 g
63 02 11 18	chrome plated, plastic sleeves	180	29	24	11	4	3.8	2.7	2.2	298
63 02 06 18	polished, dip-coated	180	29	24	11	4	3.8	2.7	2.2	230



PLIERS, CUTTERS & WRENCHES

6251

WATERPUMP WRENCHES

DIN ISO 8976, chrome-vanadium, drop-forged, box joint, 7 adjustment positions, powerful, fine-serrated jaws prevent grip on workpiece slipping, anti-pinch mechanism.



CODE		L mm	gripping range max.	$\frac{\Delta}{g}$
62 51 13 25	polished, black stove-enamelled	250	42 mm	289
62 51 14 25	chrome plated, dip-coated	250	42 mm	335

6360

STEEL FIXER'S PINCERS

(tower pincers)

DIN ISO 9242, special, drop-forged tool steel, oil-hardened, smooth action, induction hardened cutters (approx. 64 HRC), optimised cutting geometry, closest tolerances, highly wear-resistant.



CODE		L mm	$\frac{\Delta}{g}$
63 60 01 25	polished, black	250	450

6361

PINCERS

DIN ISO 9243, special, drop-forged tool steel, oil-hardened, smooth action, optimised cutting geometry, closest tolerances, highly wear-resistant.



CODE		L mm	$\frac{\Delta}{g}$
63 61 01 20	polished, black	200	405