

PLIERS

A solid grip on the present is a foundation for planning the future.

HOW PRECISE IS YOUR GRIP?

Completely adapted to particular use, requiring no unnecessary effort!

With their perfect design and technological superiority, Unior pliers ensure a high precision hold in any instance of general or dedicated use. As the most frequently utilised hand tool, pliers continue to preserve the advantages developed throughout their more than 2,000-year-long history, while expanding the fields of their use with new variations.

With ergonomic handles and a specially designed grip, surface Unior pliers provide maximum comfort at work and high efficiency with minimum strain.

All-purpose, combination, diagonal-cutting, wire-stripping, duckbill and special brake spring pliers as well as other Unior gripping tools are distinguished by an exceptionally precise hold. The pliers are made of excellent steel with special improved composition. Several models come with additional chrome surface protection.

The manufacture of Unior pliers takes place under constant quality control. In every production phase all pliers are checked individually – this diminishes the possibility of flaws and assures the safety of their use.

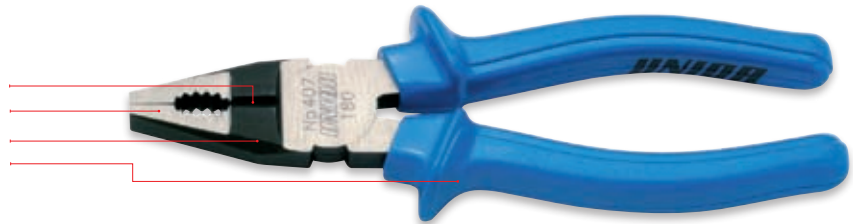
FEATURES OF UNIOR'S PLIERS

THREE LINE:

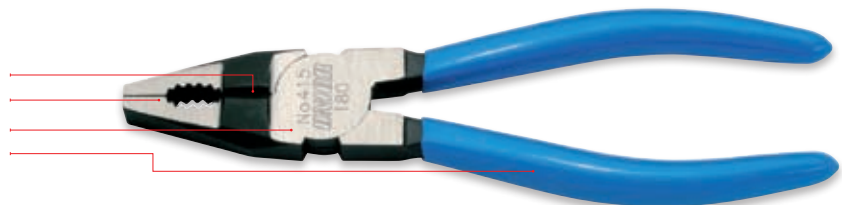
- * material: special composition steel suitable for hardening and tempering
- * forged, entirely hardened and tempered
- * cutting edges induction hardened
- * head polished
- * surface finish: chrome plated
- * heavy duty double - component handles
- * jet stamp UNIOR



- * material: special composition steel suitable for hardening and tempering
- * forged, entirely hardened and tempered
- * cutting edges induction hardened
- * head ground
- * surface finish: phosphatized
- * heavy duty plastic handles



- * material: special composition steel suitable for hardening and tempering
- * forged, entirely hardened and tempered
- * cutting edges induction hardened
- * head ground
- * surface finish: phosphatized
- * handles plastic dipped

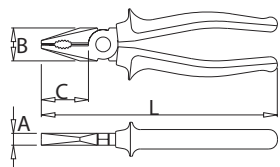


The items with blue color handles are not available for sale in the USA and Canada. Items can be supplied with red color handles.


405 BI COMBINATION PLIERS

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head polished
surface finish: chrome plated
heavy duty double - component handles
jet stamp UNIOR

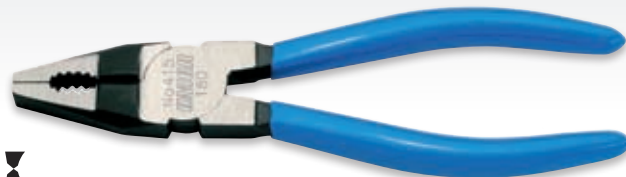
DIN ISO 5746



Code	EAN	L	B	C	A	
607867	078670	160	24	35	9,5	200
607868	078687	180	27	38	10	250
607869	078694	200	29	41	10,5	310

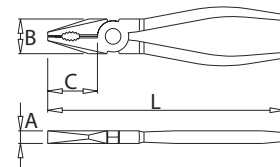
cutting capacity (10N = 1kg)

Dim	Wire max. 1600 N/mm ² Max. diameter (mm)	Wire max. 650 N/mm ² Max. diameter (mm)
160	1,6	2,0
180	1,8	2,5
200	2,0	2,5


415 COMBINATION PLIERS

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated
handles plastic dipped

DIN ISO 5746



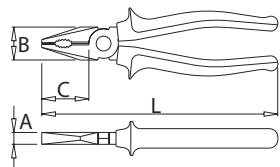
Code	EAN	L	B	C	A	
608678	086781	160	24	35	9,5	200
608679	086798	180	27	38	10	250
608680	086804	200	29	41	10,5	310

Cutting capacities same as Art. 405 BI


407 COMBINATION PLIERS

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated
heavy duty plastic handles

DIN ISO 5746



Code	EAN	L	B	C	A	
608668	086682	160	24	35	9,5	200
608669	086699	180	27	38	10	250
608670	086705	200	29	41	10,5	310

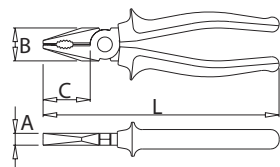
Cutting capacities same as Art. 405 BI



**406 BI COMBINATION PLIERS**

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head polished
surface finish: chrome plated
heavy duty double - component handles
jet stamp UNIOR

DIN ISO 5746



Code	EAN	L	B	C	A	
607870	078700	160	24	35	9,5	200
607871	078717	180	27	38	10	250
607872	078724	200	29	41	10,5	310
608354	083544	220	32	47	11	390

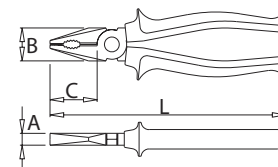
cutting capacity (10N = 1kg)

Dim	Wire max. 1600 N/mm ² Max. diameter (mm)	Wire max. 650 N/mm ² Max. diameter (mm)
160	1,6	2,0
180	1,8	2,5
200	2,0	2,5
220	2,0	3,0

**408 COMBINATION PLIERS**

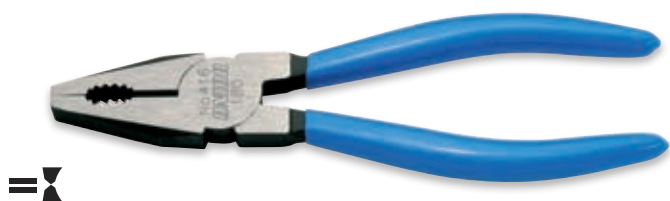
material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated
heavy duty plastic handles

DIN ISO 5746



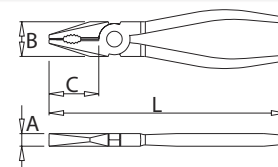
Code	EAN	L	B	C	A	
608673	086736	140	23	32	8	160
608674	086743	160	24	35	9,5	200
608675	086750	180	27	38	10	250
608676	086767	200	29	41	10,5	310
608677	086774	220	32	47	11	390

Cutting capacities same as Art. 406 BI

**416 COMBINATION PLIERS**

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated
handles plastic dipped

DIN ISO 5746



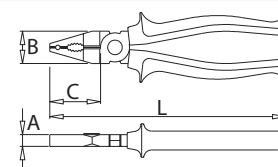
Code	EAN	L	B	C	A	
608681	086811	140	23	32	8	160
608682	086828	160	24	35	9,5	200
608683	086835	180	27	38	10	250
608684	086842	200	29	41	10,5	310
608685	086859	220	32	47	11	390

Cutting capacities same as Art. 406 BI

**420 BI LINEMEN'S PLIERS**

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head polished
surface finish: chrome plated
heavy duty double - component handles
jet stamp UNIOR

DIN ISO 5746



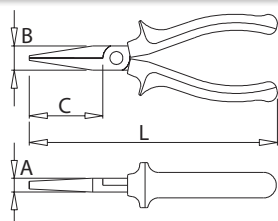
Code	EAN	L	B	C	A	
607873	078731	180	24	45	11	220

Cutting capacities same as Art. 405 BI


472 BI LONG FLAT NOSE PLIERS

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head polished
surface finish: chrome plated
heavy duty double - component handles
jet stamp UNIOR
flat long jaws
gripping surface serrated

DIN ISO 5745 - long

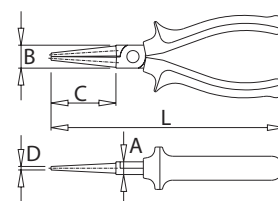


Code	EAN	L	B	C	A	
607878	078786	140	15	39	8	120
607879	078793	160	16	49	9	145


476 BI LONG ROUND NOSE PLIERS

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head polished
surface finish: chrome plated
heavy duty double - component handles
jet stamp UNIOR
long round jaws

DIN ISO 5745 - long

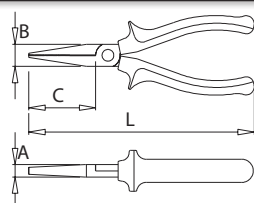


Code	EAN	L	B	A	C	D	
607880	078809	140	15	9	39	2	100
607881	078816	160	16	10	49	2,5	130


473 LONG FLAT NOSE PLIERS

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated
flat long jaws
gripping surface serrated
heavy duty plastic handles

DIN ISO 5745 - long

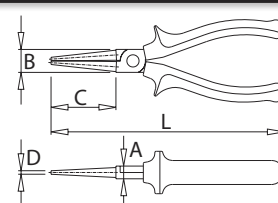


Code	EAN	L	B	C	A	
608704	087047	140	15	39	8	120
608705	087054	160	16	49	9	145


477 LONG ROUND NOSE PLIERS

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated
long round jaws
heavy duty plastic handles

DIN ISO 5745 - long

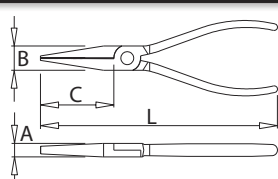


Code	EAN	L	B	A	C	D	
608708	087085	140	15	9	39	2	100
608709	087092	160	16	10	49	2,5	130

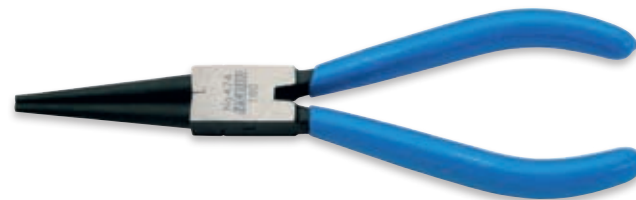

471 LONG FLAT NOSE PLIERS

material: special composition for hardening and tempering; entirely hardened and tempered; cutting edges induction hardened
head ground; surface finish: phosphated
handles plastic dipped
flat long jaws
gripping surface serrated

DIN ISO 5745 - long

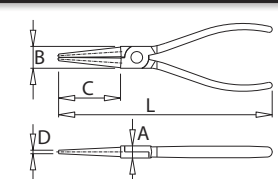


Code	EAN	L	B	C	A	
608702	087023	140	15	39	8	120
608703	087030	160	16	49	9	145


474 LONG ROUND NOSE PLIERS

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated
handles plastic dipped
long round jaws

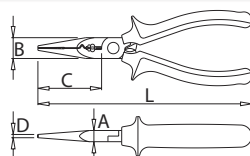
DIN ISO 5745 - long



Code	EAN	L	B	A	C	D	
608706	087061	140	15	9	39	2	100
608707	087078	160	16	10	49	2,5	130


514 BI MULTIFUNCTIONAL ELECTRICIANS PLIERS

material: special composition for hardening and tempering
 entirely hardened and tempered
 cutting edges induction hardened
 head polished
 surface finish: chrome plated
 heavy duty double - component handles
 jet stamp UNIOR



Code	EAN	L	B	D	A	C	
612782	127828	160	16	2,5	9	49	150

cutting capacity (10N = 1kg)

Dim	Wire max. 1600 N/mm ² Max. diameter (mm)	Wire max. 650 N/mm ² Max. diameter (mm)
160	1,6	2,0

MULTIFUNCTIONAL ELECTRICIANS PLIERS
7 FUNCTIONS

- * ergonomic shape
- * heavy duty double - component handle
- * higher endurance
- For crimping terminals up to 4 mm²
- For crimping insulated terminals up to 2,5 mm²
- For making rings for screws Ø 4 or Ø 3,5
- Stripping capacities 0,8 - 2.5 mm²



**506 BI LONG NOSE PLIERS WITH SIDE CUTTER**

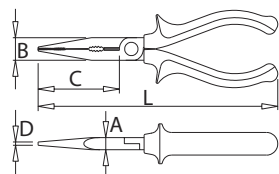
material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head polished; surface finish: chrome plated
heavy duty double - component handles
jet stamp UNIOR
gripping surface serrated
half - round jaws

DIN ISO 5745

Code	EAN	L	B	D	A	C	
607874	078748	140	15	2	8	39	110
607875	078755	160	16	2,5	9	49	150

cutting capacity (10N = 1kg)

Dim	Wire max. 1600 N/mm ² Max. diameter (mm)	Wire max. 650 N/mm ² Max. diameter (mm)
140	1,6	2,0
160	1,6	2,0

**508 BI LONG NOSE PLIERS WITH SIDE CUTTER AND PIPE GRIP, STRAIGHT**

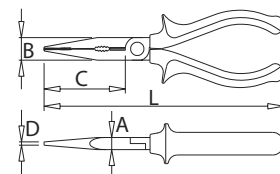
material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head polished; surface finish: chrome plated
heavy duty double - component handles
jet stamp UNIOR
gripping surface serrated
half - round jaws

DIN ISO 5745

Code	EAN	L	B	D	A	C	
607876	078762	170	17	2,5	9	61	160
607877	078779	200	17	2,5	9	77	180

cutting capacity (10N = 1kg)

Dim	Wire max. 1600 N/mm ² Max. diameter (mm)	Wire max. 650 N/mm ² Max. diameter (mm)
170	1,6	2,0
200	1,8	2,5

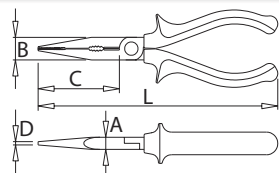
**504 LONG NOSE PLIERS WITH SIDE CUTTER**

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground; surface finish: phosphated
gripping surface serrated
half - round jaws
heavy duty plastic handles

DIN ISO 5745

Code	EAN	L	B	D	A	C	
608712	087122	140	15	2	8	39	110
608713	087139	160	16	2,5	9	49	150

Cutting capacities same as Art. 506 BI

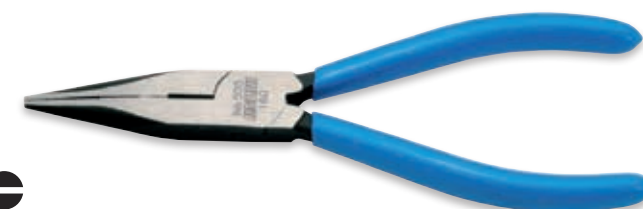
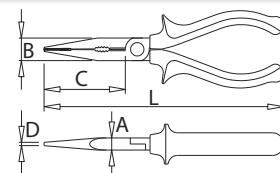
**502 LONG NOSE PLIERS WITH SIDE CUTTER AND PIPE GRIP, STRAIGHT**

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground; surface finish: phosphated
gripping surface serrated
half - round jaws
heavy duty plastic handles

DIN ISO 5745

Code	EAN	L	B	D	A	C	
608710	087108	170	17	2,5	9	61	160
608711	087115	200	17	2,5	9	77	180

Cutting capacities same as Art. 508 BI

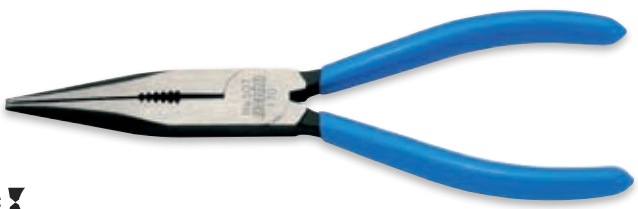
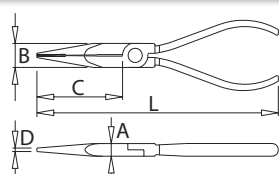
**505 LONG NOSE PLIERS WITH SIDE CUTTER**

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground; surface finish: phosphated
handles plastic dipped
gripping surface serrated
half - round jaws

DIN ISO 5745

Code	EAN	L	B	D	A	C	
608716	087160	140	15	2	8	39	110
608717	087177	160	16	2,5	9	49	150

Cutting capacities same as Art. 506 BI

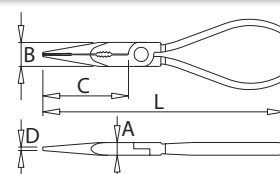
**507 LONG NOSE PLIERS WITH SIDE CUTTER AND PIPE GRIP, STRAIGHT**

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground; surface finish: phosphated
handles plastic dipped
gripping surface serrated
half - round jaws

DIN ISO 5745

Code	EAN	L	B	D	A	C	
608714	087146	170	17	2,5	9	61	160
608715	087153	200	17	2,5	9	77	180

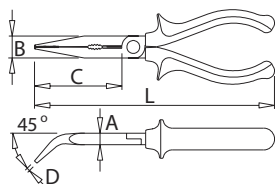
Cutting capacities same as Art. 508 BI





512 BI LONG NOSE PLIERS WITH SIDE CUTTER AND PIPE GRIP, BENT

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head polished
surface finish: chrome plated
heavy duty double - component handles
jet stamp UNIOR; gripping surface serrated
half - round jaws
jaws bent to an angle of 45°



DIN ISO 5745

Code	EAN	L	B	D	A	C	
607966	079660	170	17	2,5	9	61	160
607967	079677	200	17	2,5	9	77	180

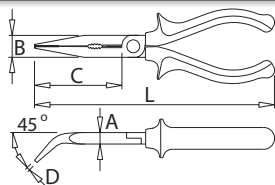
cutting capacity (10N = 1kg)

Dim	Wire max. 1600 N/mm ² Max. diameter (mm)	Wire max. 650 N/mm ² Max. diameter (mm)
170	1,6	2,0
200	1,8	2,5



513 LONG NOSE PLIERS WITH SIDE CUTTER AND PIPE GRIP, BENT

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground; surface finish: phosphated
gripping surface serrated
half - round jaws
jaws bent to an angle of 45°
heavy duty plastic handles



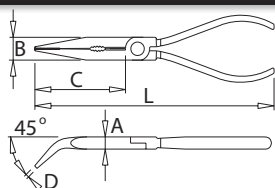
Code	EAN	L	B	D	A	C	
608720	087207	170	17	2,5	9	61	160
608721	087214	200	17	2,5	9	77	180

Cutting capacities same as Art. 512 BI



510 LONG NOSE PLIERS WITH SIDE CUTTER AND PIPE GRIP, BENT

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground; surface finish: phosphated
handles plastic dipped
gripping surface serrated
half - round jaws
jaws bent to an angle of 45°



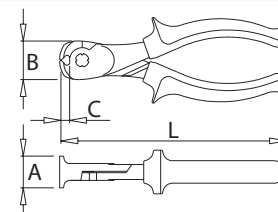
Code	EAN	L	B	D	A	C	
608718	087184	170	17	2,5	9	61	160
608719	087191	200	17	2,5	9	77	180

Cutting capacities same as Art. 512 BI



455 BI END CUTTING NIPPERS

material: Ck 60
entirely hardened and tempered
cutting edges induction hardened
head polished
surface finish: chrome plated
heavy duty double - component handles
jet stamp UNIOR
are also suitable for cutting piano wire



DIN ISO 5748

Code	EAN	L	B	A	C	
609192	091921	160	27	22	7	200

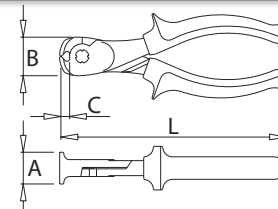
cutting capacity (10N = 1kg)

Dim	Wire max. 1600 N/mm ² Max. diameter (mm)	Wire max. 650 N/mm ² Max. diameter (mm)
160	1,6	2,5



456 END CUTTING NIPPERS

material: Ck 60
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated
heavy duty plastic handles
are also suitable for cutting piano wire



DIN ISO 5748

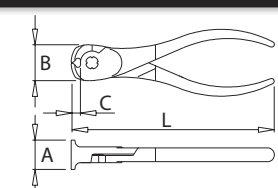
Code	EAN	L	B	A	C	
608694	086941	160	27	22	7	200

Cutting capacities same as Art. 455 BI



451 END CUTTING NIPPERS

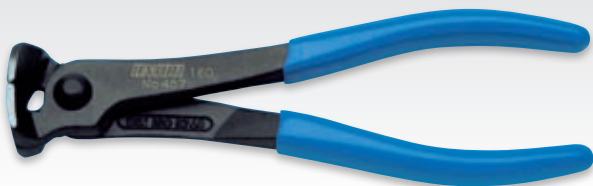
material: Ck 60
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated
handles plastic dipped
are also suitable for cutting piano wire



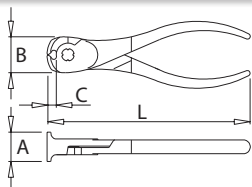
DIN ISO 5748

Code	EAN	L	B	A	C	
608693	086934	160	27	22	7	200

Cutting capacities same as Art. 455 BI


457 END CUTTING NIPPERS

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated
handles plastic dipped



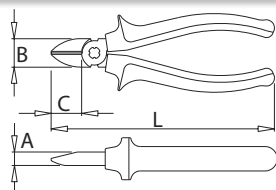
DIN ISO 5748

Code	EAN	L	B	A	C	
613082	130828	160	30	25	8	210

Cutting capacities same as Art. 455 BI


461 BI DIAGONAL CUTTING NIPPERS

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head polished
surface finish: chrome plated
heavy duty double - component handles
jet stamp UNIOR



DIN ISO 5749

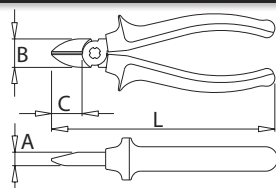
Code	EAN	L	B	A	C	
607883	078830	140	19	9,5	18	150
607884	078847	160	22,5	10	22	180

cutting capacity (10N = 1kg)

Dim	Wire max. 1600 N/mm ² Max. diameter (mm)	Wire max. 650 N/mm ² Max. diameter (mm)
140	1,6	2,0
160	1,6	2,5


462 DIAGONAL CUTTING NIPPERS

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated
heavy duty plastic handles



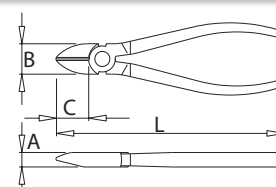
DIN ISO 5749

Code	EAN	L	B	A	C	
608697	086972	140	19	9,5	18	150
608698	086989	160	22,5	10	22	180

Cutting capacities same as Art. 461 BI


460 DIAGONAL CUTTING NIPPERS

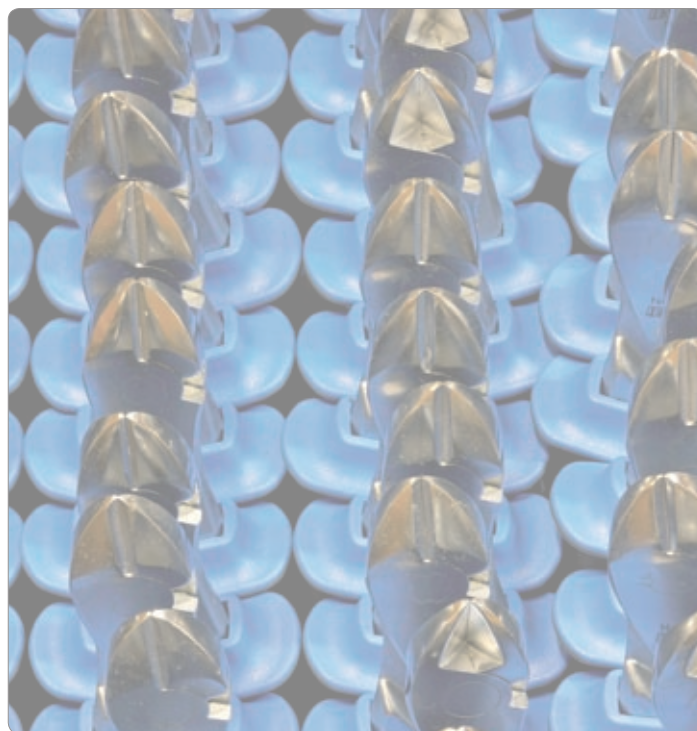
material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated
handles plastic dipped



DIN ISO 5749

Code	EAN	L	B	A	C	
612327	123271	125	19	9,5	18	108
608695	086958	140	19	9,5	18	150
608696	086965	160	22,5	10	22	180

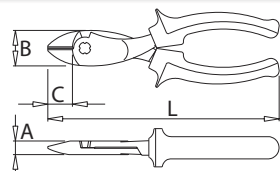
Cutting capacities same as Art. 461 BI



**466 BI** HEAVY DUTY DIAGONAL CUTTING NIPPERS

material: special composition for hardening and tempering
 entirely hardened and tempered
 cutting edges induction hardened
 head polished
 surface finish: chrome plated
 heavy duty double - component handles
 jet stamp UNIOR

DIN ISO 5749



Code	EAN	L	B	A	C	
617686	176864	160	23,5	10	20,5	220
608850	088501	180	28	11	20	310
608837	088372	200	27	11	21	293

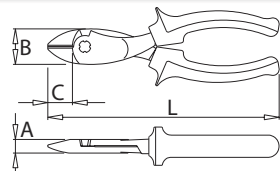
cutting capacity (10N = 1 kg)

Dim	Wire max. 1600 N/mm ² Max. diameter (mm)	Wire max. 650 N/mm ² Max. diameter (mm)
160	1,6	2,5
180	1,8	3,0
200	2,0	3,0

**467** HEAVY DUTY DIAGONAL CUTTING NIPPERS

material: special composition for hardening and tempering
 entirely hardened and tempered
 cutting edges induction hardened
 head ground
 surface finish: phosphated

DIN ISO 5749



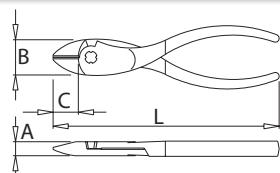
Code	EAN	L	B	A	C	
617687	176871	160	23,5	10	20,5	220
608700	087009	180	28	11	20	310
609190	091907	200	27	11	21	293

Cutting capacities same as Art. 466 BI

**465** HEAVY DUTY DIAGONAL CUTTING NIPPERS

material: special composition for hardening and tempering
 entirely hardened and tempered
 cutting edges induction hardened
 head ground
 surface finish: phosphated
 handles plastic dipped

DIN ISO 5749



Code	EAN	L	B	A	C	
617688	176889	160	23,5	10	20,5	220
608699	086996	180	28	11	20	310
609191	091914	200	27	11	21	293

Cutting capacities same as Art. 466 BI

900/1 BI SET OF BI PLIERS IN PLASTIC BOX

Code	EAN		
608480	084800	5	1600



Art.		Dim.	
406 BI		180	1
461 BI		160	1
478 BI		160	1
506 BI		160	1
512 BI		170	1

400/2 SET OF BI PLIERS ON CARTON DISPLAY

Code	EAN		
609357	093574	20	3780

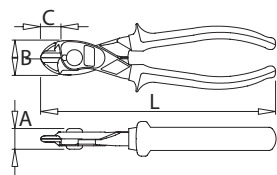


Art.		Dim.	
406 BI		180	5
406 BI		200	5
461 BI		160	5
508 BI		170	5



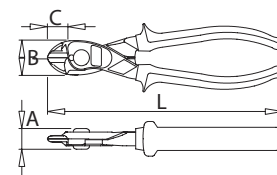
468 CBI HEAVY DUTY DIAGONAL CUTTING NIPPERS SHARK

special joint finishing close to cutting edges
3x higher cutting capacity as the traditional cutting nippers
for cutting of wire, nails, rivets, screws, pins to dim. 6mm
material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head polished
surface finish: chrome plated
heavy duty double - component handles
jet stamp UNIOR



468 PG HEAVY DUTY DIAGONAL CUTTING NIPPERS SHARK

special joint finishing close to cutting edges
3x higher cutting capacity as the traditional cutting nippers
for cutting of wire, nails, rivets, screws, pins to dim. 6mm
material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated
heavy duty plastic handles



Code	EAN	L	B	A	C	Weight
617778	177786	200	30	18	18	320

cutting capacity (10N = 1kg)

Dim	Ø mm	Ø mm	Ø mm	Ø mm
	soft wire	med. hard wire	hard wire	piano wire
200	6	5	4	3.2

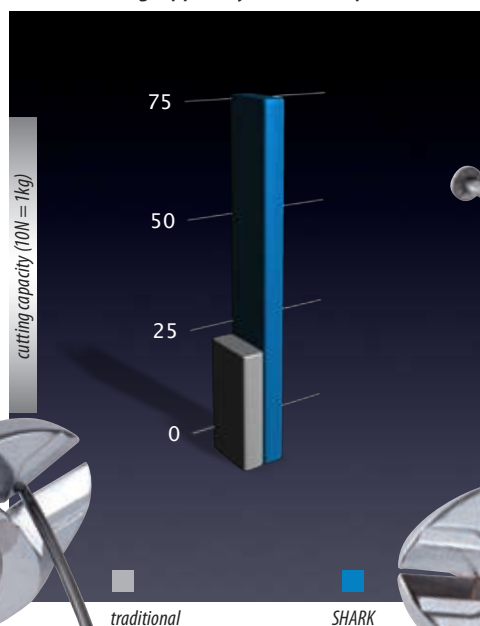
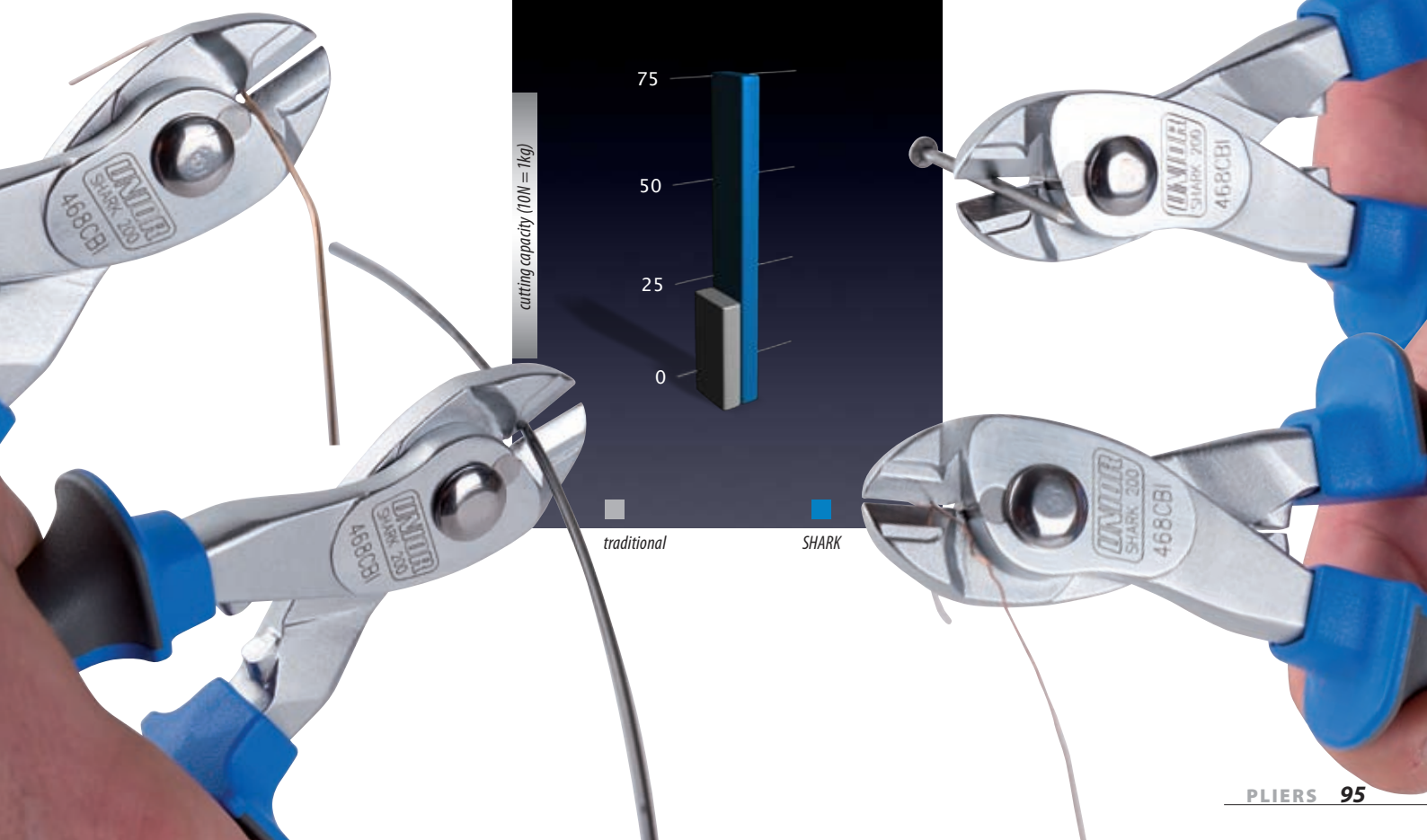
Code	EAN	L	B	A	C	Weight
617779	177793	200	30	18	18	320

cutting capacity (10N = 1kg)

Dim	Ø mm	Ø mm	Ø mm	Ø mm
	soft wire	med. hard wire	hard wire	piano wire
200	6	5	4	3.2

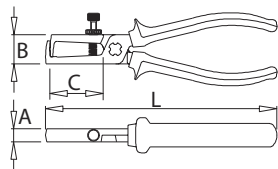
"SHARK nippers"

3x higher cutting capacity as the traditional cutting nippers by same hand power



**478 BI** WIRE STRIPPING PLIERS

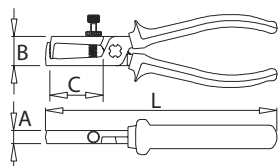
material: special composition for hardening and tempering
 entirely hardened and tempered
 cutting edges induction hardened
 head polished; surface finish: chrome plated
 heavy duty double - component handles
 jet stamp UNIOR
 stripping capacity: up to max 0.6 - 10mm²
 spring for reopening



Code	EAN	L	mm ²	B	A	C	
607882	078823	160	0,6 - 10	18	9	40	170

**469** WIRE STRIPPING PLIERS

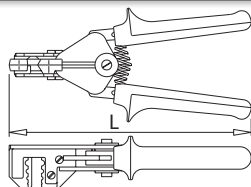
material: special composition for hardening and tempering
 entirely hardened and tempered
 cutting edges induction hardened
 head ground
 surface finish: phosphated
 stripping capacity: up to max 0.6 - 10mm²
 spring for reopening



Code	EAN	L	mm ²	B	A	C	
608701	087016	160	0,6 - 10	18	9	40	170

**479** WIRE STRIPPING PLIERS

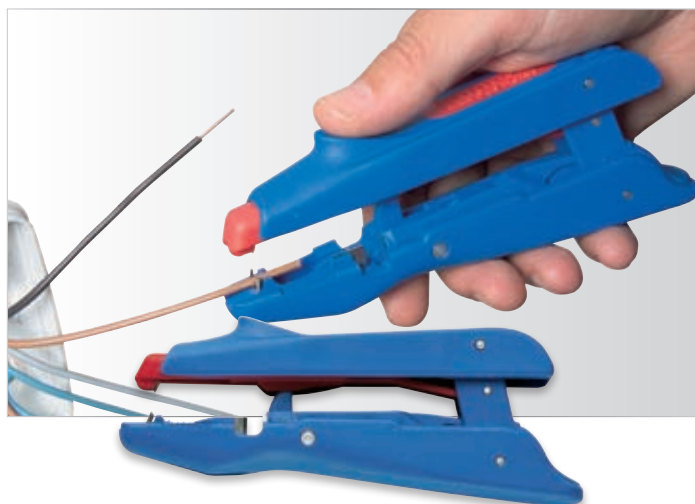
interchangeable blades for various insulated wire
 cross - sections
 when stripping insulation wire remains
 undamaged
 cable (insulated wire) to be put into the proper
 blade opening
 heavy duty plastic handles



Code	EAN	mm ²	L	
601134	011349	0,5 - 2	160	260
601135	011356	1,6 - 3,2	160	260

**479.1** SPARE CUTTER

Code	EAN	mm ²
602048	020488	0,5 - 2
602049	020495	1,6 - 3,2

**381** WIRE STRIPPER

fully insulated automatic wire stripper for all common stranded and solid conductors of 0.5 - 6mm/20 - 0AWG; with integrated length scale of 8 - 20 mm
 the special scanning system adjust automatically to the wire diameter and allows fast and accurate stripping; easily accessible built - in side cutter

Code	EAN	mm ²	
610926	109268	0,5 - 6	112

**381 A** WIRE STRIPPER

Stripping and crimping with only one tool.

Stripping:

Easy stripping of conductors from 0,5 to 6,0 mm² (20 - 10 AWG).

The special scanning system adjusts automatically to the wire diameter.

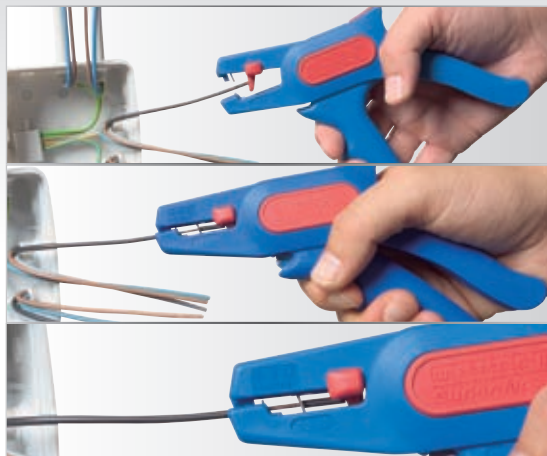
The insulation is stripped off at a length of 5 mm (but remains on the conductor).

Crimping of terminals:

Two crimping ranges are offered: 0,5 to 2,5 mm² (20-13 AWG) and 4,0 to 6,0 mm² (12-10 AWG).

Easily accessible built-in side cutter for max. 6,0 mm² (10 AWG), solid conductors for 4,0 mm² (12 AWG)

Code	EAN	
617770	177700	107

**380 AF WIRE STRIPPER**

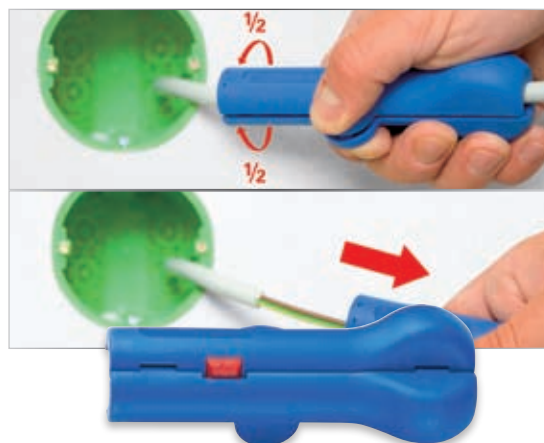
Automatic, wire stripper for all common round and flat cables.
The special tracing system adjusts automatically to the wire diameter and allows quick and accurate cable and wire stripping
A precise adjustment on various cable types and diameters is possible
Optical length scale 8 - 24 mm / 5/16 - 1 inch.
Easily accessible built-in side cutter up to max. 3 mm Ø.
For the work with mainly flat cables (as commonly used, e.g., in USA, GB, Japan).
Flat cables:
Cable and wire stripping of two- or three-core flat cables with PVC insulation from 0,75 mm² to 4,0 mm² round cables:
Cable and wire stripping of flexible cables in a range of 0,5 mm² to 16,0 mm² (20-6 AWG).
Solid conductors from 0,5 mm² to 10,0 mm² (20-8 AWG).
Cables with diameters of more than 10,0 mm² must be stripped in two steps:
Cut isolation;
Turn tool by 90°, cut again and strip isolation

Code	EAN	
617772	177724	205

380 WIRE STRIPPING PLIERS

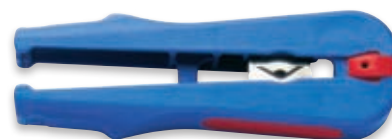
fully insulated automatic wire stripper for all common stranded and solid conductors of 0,2-6mm²
adjustable length stop of 5-12 mm
easily accessible built-in side cutter for max. 2 mm

Code	EAN	mm ²	
610925	109251	0,2 - 6	109

**382 ROUND CABLE STRIPPER**

for round and continental type cables of 8 to 13 mm²
flush stripping even in hard-to-reach areas
no adjustment of the cutting depth necessary

Code	EAN	mm ²	
610927	109275	8 - 13	43

**380 AR WIRE STRIPPER**

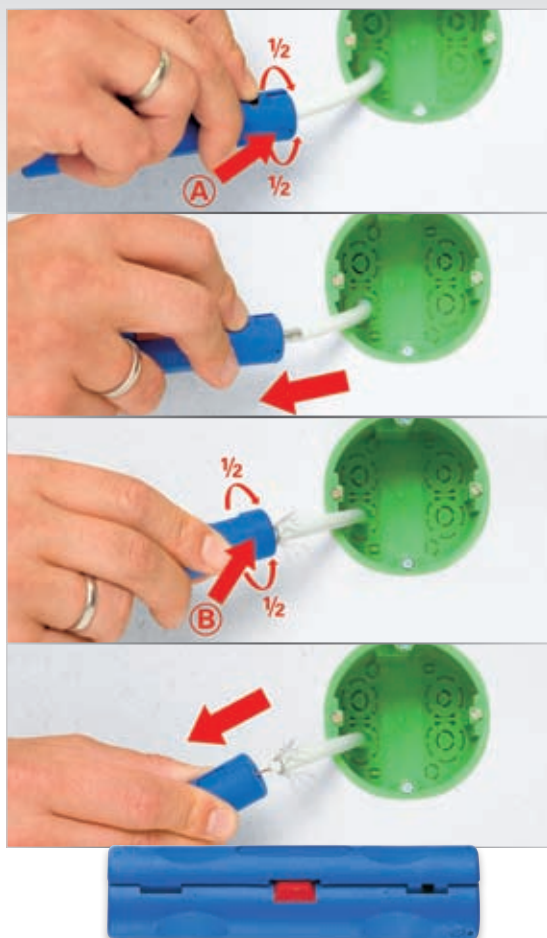
Automatic, wire stripper for all common round and flat cables.
The special tracing system adjusts automatically to the wire diameter and allows quick and accurate cable and wire stripping
A precise adjustment on various cable types and diameters is possible
Optical length scale 8 - 24 mm / 5/16 - 1 inch.
Easily accessible built-in side cutter up to max. 3 mm Ø.
For the work with mainly round cables (as commonly used, e.g., in many European countries).
round cables:
Cable and wire stripping of flexible cables in a range of 0,5 mm² to 16,0 mm² (20-6 AWG).
Solid conductors from 0,5 mm² to 10,0 mm² (20-8 AWG).
Flat cables:
Cable and wire stripping of two-core flat cables with PVC insulation from 0,75 mm² to 1,5 mm².

Code	EAN	
617771	177717	205

383 COMBINATION COAX CABLE STRIPPER

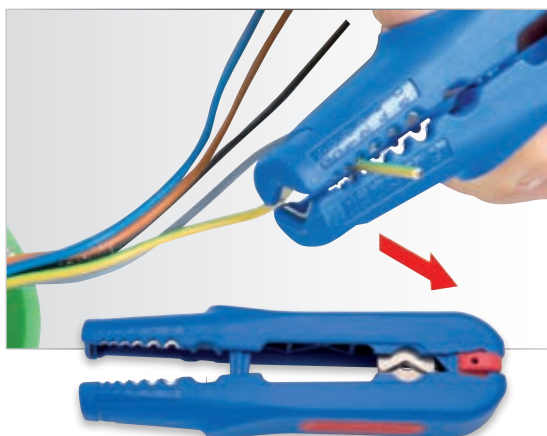
tools allows stripping in steps of all common cables of 4, 8 - 7, 5mm²
and flexible cables (3x0,75mm, 10mm, 16mm)
no adjustment of the cutting depth necessary
with an easily accessible side cutter

Code	EAN	mm ²	
610928	109282	4,8 - 7,5	56

**384 COAX CABLE STRIPPER**

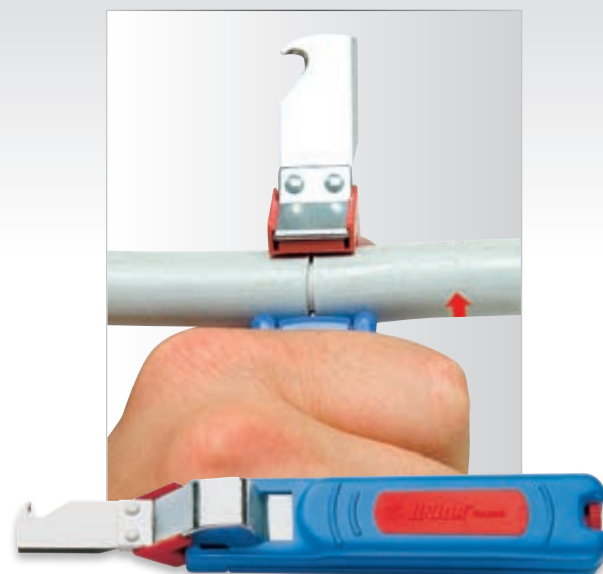
two or three - level stripping of all common coaxial cables (antenna and transmission cables) of 4, 8 - 7, 5 mm² and flexible cables (3x0, 75mm², 10mm², 16mm²) no adjustment of the cutting depth necessary

Code	EAN	mm ²	
610929	109299	4,8 - 7,5	28

**386 MULTI STRIPPER**

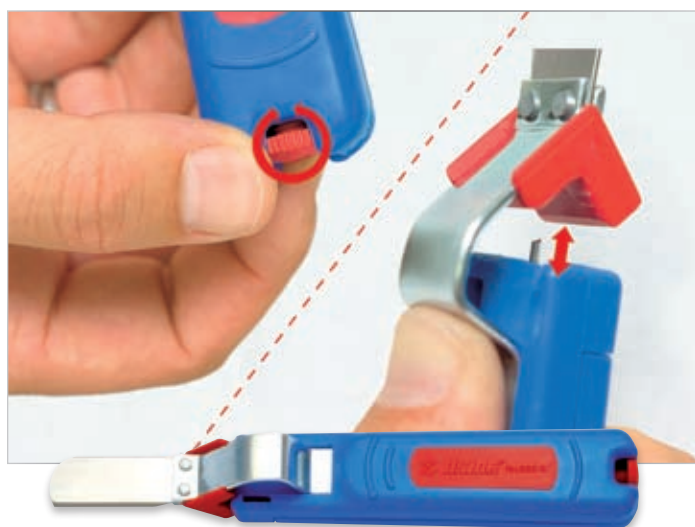
Newly developed tool for cable and wire stripping for all common round cables of 8-13 mm Ø. Allows circular and longitudinal stripping as well as flush stripping in hard-to-reach areas, e.g. ceilings and walls, junction and distribution boxes, switch cabinets, etc. For all common stranded and solid conductors of 0,5 mm², 0,75 mm², 1,5 mm², 2,5 mm², 4,0 mm² and 6,0 mm² (20-10 AWG). Easily accessible built-in side cutter for flexible conductors of max. 6,0 mm² (10 AWG); solid conductors of max. 4,0 mm² (12 AWG).

Code	EAN	mm ²	
610928	109282	4,8 - 7,5	56

**385H CABLE STRIPPER WITH HOOK KNIFE**

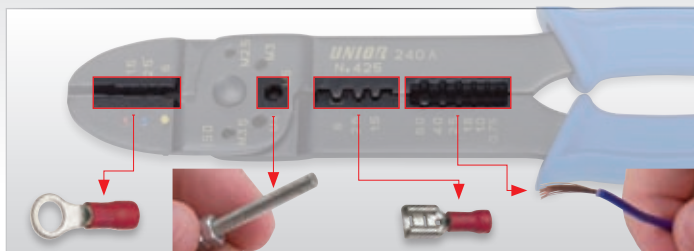
accurate, fast and safe stripping of all common round cables of 4-28 mm² no damage of the inner conductors can occur due to infinitely variable adjustment of the cutting depth the swivel blade automatically turn from circular to longitudinal cut inside of handles are spare swivel blade

Code	EAN	mm ²	
610930	109305	4 - 28	82

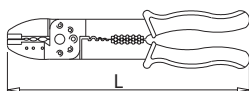
**385G CABLE STRIPPER WITH STRAIGHT KNIFE**

accurate, fast and safe stripping of all common round cables of 4-28 mm² no damage of the inner conductors can occur due to infinitely variable adjustment of the cutting depth the swivel blade automatically turn from circular to longitudinal cut inside of handles are spare swivel blade

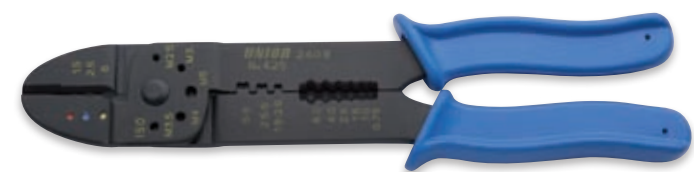
Code	EAN	mm ²	
610931	109312	4 - 28	82


425 A CRIMPING PLIERS

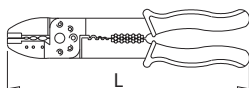
for insulated and closed non insulated terminals
Cuts screws
cuts and strips wire, surface finish: laquered
heavy duty plastic handles



Code	EAN	mm ²	L	
601136	011363	1,5 - 6	240	300


425 B CRIMPING PLIERS

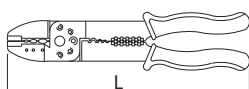
for insulated and non insulated open terminal
Cuts screws
cuts and strips wire, surface finish: laquered
heavy duty plastic handles



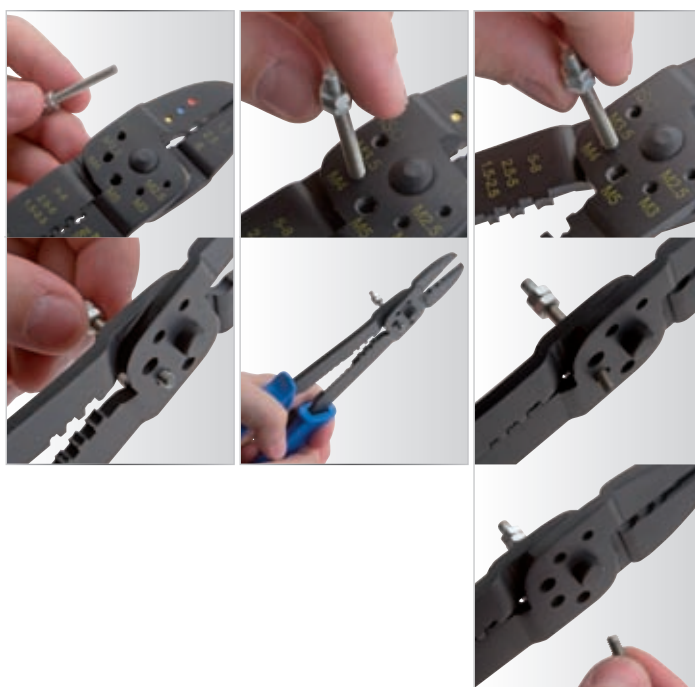
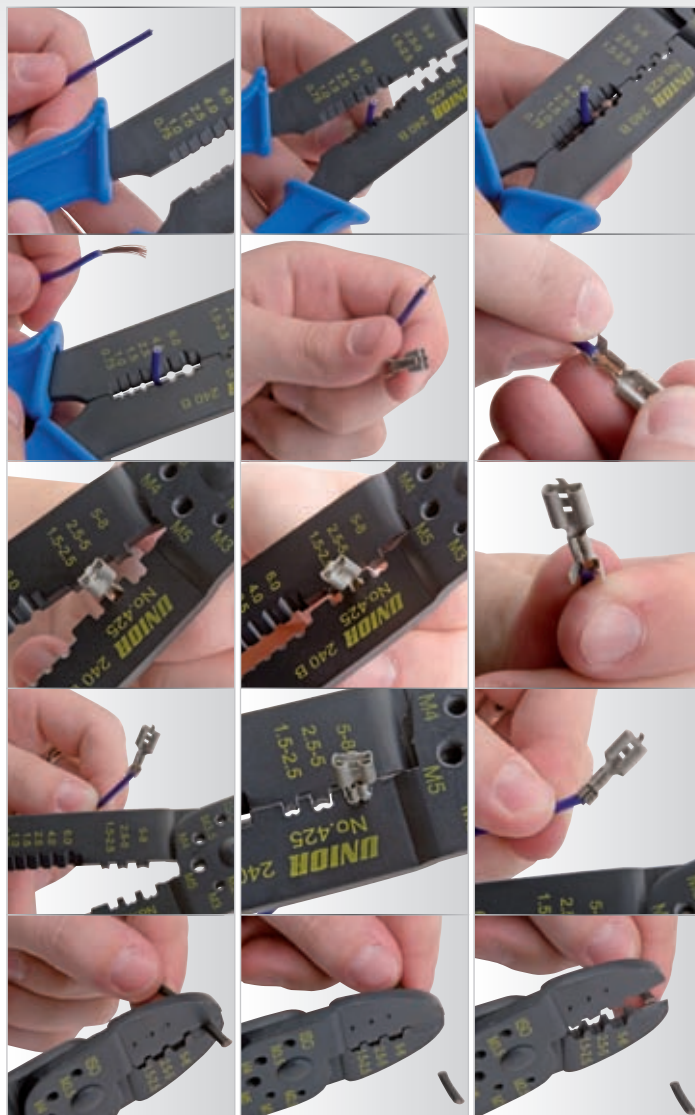
Code	EAN	mm ²	L	
601137	011370	1,5 - 6	240	300


425 AB CRIMPING PLIERS

for non insulated open and closed terminals
Cuts screws
cuts and strips wire, surface finish: laquered
heavy duty plastic handles



Code	EAN	mm ²	L	
605806	058061	1,5 - 6	240	300



423.1R

RING TERMINALS

Code	EAN	A	mm²	L
609193	091938	3	0,5 - 1,5	17
609194	091945	4	0,5 - 1,5	17
609195	091952	5	0,5 - 1,5	20

423.1B

RING TERMINALS

Code	EAN	A	mm²	L
609196	091969	4	1,5 - 2,5	22
609197	091976	5	1,5 - 2,5	22
609198	091983	6	1,5 - 2,5	27
609199	091990	8	1,5 - 2,5	27

423.1J

RING TERMINALS

Code	EAN	A	mm²	L
609200	092003	5	2,5 - 6	26
609201	092010	6	2,5 - 6	31
609202	092027	8	2,5 - 6	34
609203	092034	10	2,5 - 6	34

423.2R

SPADE TERMINALS

Code	EAN	A	mm²	L
609204	092041	3	0,5 - 1,5	21
609205	092058	4	0,5 - 1,5	21
609206	092065	5	0,5 - 1,5	21

423.2B

SPADE TERMINALS

Code	EAN	A	mm²	L
609207	092072	4	1,5 - 2,5	21
609208	092089	5	1,5 - 2,5	21

423.2J

SPADE TERMINALS

Code	EAN	A	mm²	L
609209	092096	4	2,5 - 6	25
609210	092102	5	2,5 - 6	25
609211	092119	6	2,5 - 6	25

423.3R

SPADE TERMINALS

Code	EAN	A	mm²	L
609212	092126	1,9	0,5 - 1,5	21

423.3B

SPADE TERMINALS

Code	EAN	A	mm²	L
609213	092133	1,9	1,5 - 2,5	21

423.3J

SPADE TERMINALS

Code	EAN	A	mm²	L
609214	092126	2,8	2,5 - 6	25

423.4R

MALE CONECTORS

Code	EAN	A	mm²	L
609215	092157	4	0,5 - 1,5	21

423.4B

MALE CONECTORS

Code	EAN	A	mm²	L
609216	092164	5	1,5 - 2,5	21

423.5R

MALE CONECTORS

Code	EAN	A	mm²	L
609217	092171	4	0,5 - 1,5	24

423.5B

MALE CONECTORS

Code	EAN	A	mm²	L
609218	092188	5	1,5 - 2,5	24

423.6R

MALE SPADE TERMINALS

Code	EAN	A	B	mm²	L
609219	092195	6,3	0,8	0,5 - 1,5	22

423.6B

MALE SPADE TERMINALS

Code	EAN	A	B	mm²	L
609220	092201	6,3	0,8	1,5 - 2,5	22

423.6J

MALE SPADE TERMINALS

Code	EAN	A	B	mm²	L
609221	092218	6,3	0,8	2,5 - 6	22

423.7R

FEMALE SPADE TERMINALS

Code	EAN	A	B	mm²	L
609222	092225	2,8	0,5	0,5 - 1,5	20
609223	092232	6,3	0,8	0,5 - 1,5	22

423.7B

FEMALE SPADE TERMINALS

Code	EAN	A	B	mm²	L
609224	092249	6,3	0,8	1,5 - 2,5	22

423.7J

FEMALE SPADE TERMINALS

Code	EAN	A	B	mm²	L
609225	092256	6,3	0,8	2,5 - 6	22

423.8R

INSULATED FEMALE SPADE TERMINALS

Code	EAN	A	B	mm²	L
609226	092263	6,3	0,8	0,5 - 1,5	23

423.8B

INSULATED FEMALE SPADE TERMINALS

Code	EAN	A	B	mm²	L
609227	092270	6,3	0,8	1,5 - 2,5	24

423.8J

INSULATED FEMALE SPADE TERMINALS

Code	EAN	A	B	mm²	L
609228	092287	6,3	0,8	2,5 - 6	24

423.9R

MALE AND FEMALE TERMINALS

Code	EAN	A	B	mm²	L
609229	092294	6,3	0,8	0,5 - 1,5	22

423.9B

MALE AND FEMALE TERMINALS

Code	EAN	A	B	mm²	L
609230	092300	6,3	0,8	1,5 - 2,5	22

423.10R

CABLE CONECTORS

Code	EAN	A	mm²	L
609231	092317	1,6	0,5 - 1,5	25

423.10B

CABLE CONECTORS

Code	EAN	A	mm²	L
609232	092324	2,3	1,5 - 2,5	26

423.10J

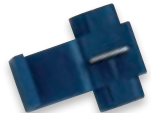
CABLE CONECTORS

Code	EAN	A	mm²	L
609233	092331	3,6	2,5 - 6	26

423.11R

RAPID CONECTORS

Code	EAN	mm²	L
609234	092348	0,5 - 1,5	20

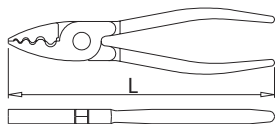
423.11B

RAPID CONECTORS

Code	EAN	mm²	L
609235	092355	1,5 - 2,5	20


424 CRIMPING PLIERS

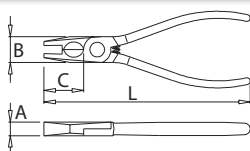
material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated
for non insulated terminals
handles plastic dipped



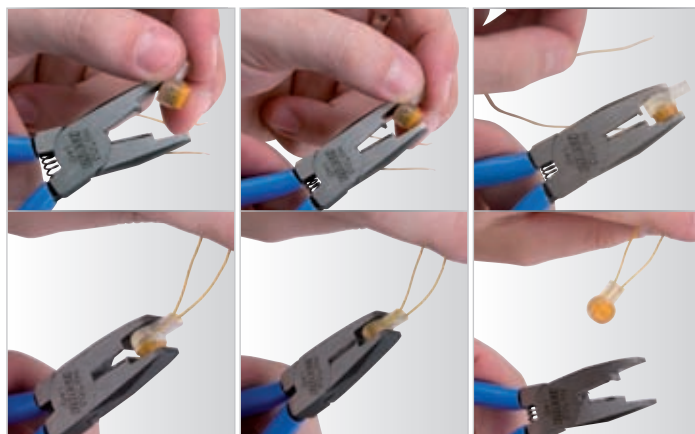
Code	EAN	mm ²	L	
607949	079493	0,5 - 2,5	140	150
607950	079509	0,25 - 16	180	250


503 TELEPHONE PLIERS

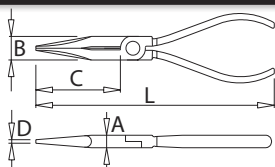
material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated
handles plastic dipped



Code	EAN	L	B	A	C	
607863	078632	140	17	9	35	100


503 A TELEPHONE PLIERS

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated
handles plastic dipped

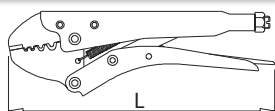


Code	EAN	L	B	D	A	C	
607330	073309	160	16	0,8	9	49	150



**426 A** CRIMP - GRIP PLIERS

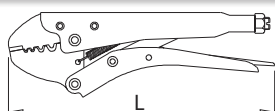
for insulated terminals
toggle joint ensures high compression pressure
with little effort; tool steel jaws, oil hardened,
phosphatized; handles nickel plated
cuts wire



Code	EAN	mm ²	L	
601138	011387	0,5 - 6	220	480

**426 B** CRIMP - GRIP PLIERS

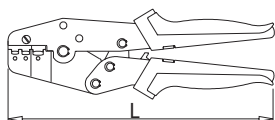
for non insulated terminals
toggle joint ensures high compression pressure
with little effort; tool steel jaws, oil hardened,
phosphatized; handles nickel plated
cuts wire



Code	EAN	mm ²	L	
601139	011394	0,5 - 10	220	470

**428** CRIMP LEVER PLIERS

jaws drop forged from special tool steel, oil
hardened
toggle joint ensures high compression pressure
with little effort
heavy duty plastic handles
rechangeable head-spare part

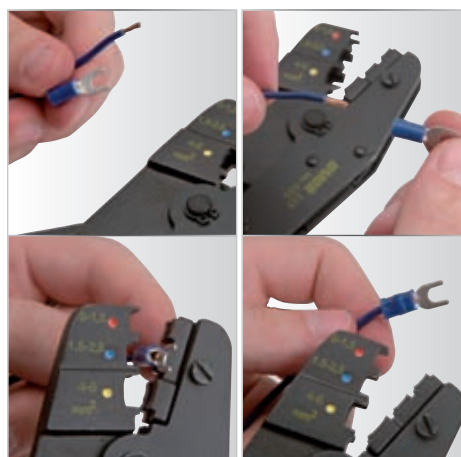
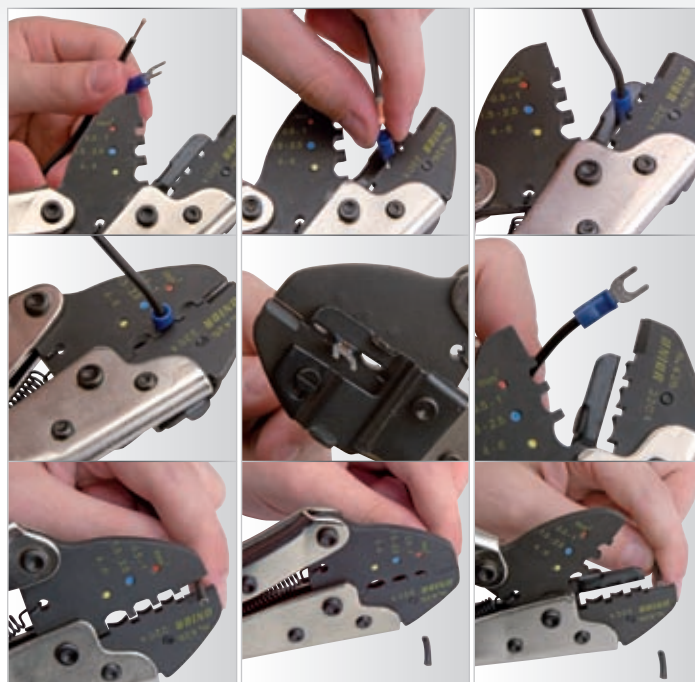


Code	EAN	mm ²	L	
602327	023274	0,5 - 6	225	540

**428.1** SPARE PARTS FOR Art. 428

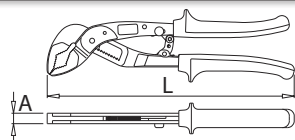
spare head

Code	EAN
602328	023281




442 VARIABLE JOINT "HYPO" PLIERS

material: special composition for hardening and tempering
working surfaces induction hardened
surface finish: chrome plated
heavy duty double - component handles
jet stamp UNIOR



Code	EAN	L	A		
616727	167275	180	9,5	33	170
611780	117805	240	9	40	370

400/8 SET OF VARIABLE JOINT HYPO PLIERS ON CARTON DISPLAY

Code	EAN		
612225	122250	16	6410



Art.	Dim.	
442HYPO	240	16

442ST SET OF VARIABLE JOINT HYPO PLIERS ON CARTON DISPLAY

Code	EAN		
615185	151854	6	2525



Art.	Dim.	
442HYPO	240	6

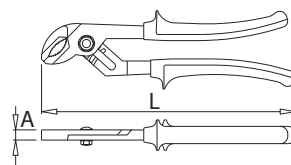
"HYPO" pliers

- * Perfect adaptability to the work piece whatever the shape up to Ø 40mm
- * quicker and simple grip
- * work with only one hand

- * ergonomic shape
- * heavy duty double - component handles
- * maximum adaptability to hand


445 BI DOUBLE GROOVE JOINT PLIERS

material: special composition for hardening and tempering
entirely hardened and tempered
head polished
surface finish: chrome plated
heavy duty double - component handles
jet stamp UNIOR
grooved joint
jaw aperture adjustable in 5 position by dim. 180 and 240, by dim. 300 in 6 position



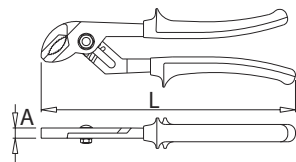
Code	EAN	L	A		
607885	078854	180	9,9	25	170
607886	078861	240	10,8	35	370
607887	078878	300	12,2	40	650

DIN ISO 8976

**444** DOUBLE GROOVE JOINT PLIERS

material: special composition for hardening and tempering
entirely hardened and tempered
head ground
surface finish: phosphated
handles plastic dipped
grooved joint
jaw aperture adjustable in 5 position by dim. 180 and 240, by dim. 300 in 6 position

DIN ISO 8976

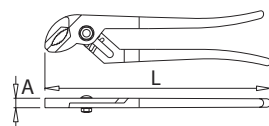


Code	EAN	L	A		
608690	086903	180	9,9	25	170
608691	086910	240	10,8	35	370
608692	086927	300	12,2	40	650

**443** DOUBLE GROOVE JOINT PLIERS

material: special composition for hardening and tempering
entirely hardened and tempered
head ground
surface finish: phosphated
handles plastic dipped
grooved joint
jaw aperture adjustable in 5 position by dim. 180 and 240, by dim. 300 in 6 position

DIN ISO 8976



Code	EAN	L	A		
608687		180	9,9	25	170
608688		240	10,8	35	370
608689		300	12,2	40	650

445ST SET OF DOUBLE GROOVE JOINT PLIERS ON CARTON DISPLAY

Code	EAN		
615183	151830	6	2580

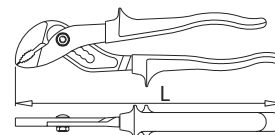


Art.	Dim.	
445 BI	240	6

**441 CBI** SLIP JOINT WATERPUMP PLIERS

material: special composition for hardening and tempering
entirely hardened and tempered
head polished
surface finish: chrome plated
heavy duty double - component handles
jet stamp UNIOR
slip joint
jaw aperture adjustable in 5 position

DIN ISO 8976

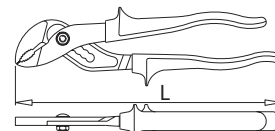


Code	EAN	L	A		
616728	167282	170	13,8	30	177

**441 PBI** SLIP JOINT WATERPUMP PLIERS

material: special composition for hardening and tempering
entirely hardened and tempered
head ground
surface finish: phosphated
heavy duty double - component handles
jet stamp UNIOR
slip joint
jaw aperture adjustable in 5 position

DIN ISO 8976

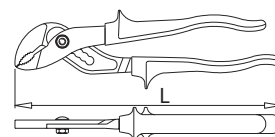


Code	EAN	L	A		
616729	167299	170	13,8	30	177

**441 PG** SLIP JOINT WATERPUMP PLIERS

material: special composition for hardening and tempering
entirely hardened and tempered
head ground
surface finish: phosphated
heavy duty plastic handles
slip joint
jaw aperture adjustable in 5 position

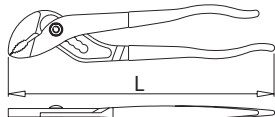
DIN ISO 8976



Code	EAN	L	A		
616730	167305	170	13,8	30	177


441 PP SLIP JOINT WATERPUMP PLIERS

material: special composition for hardening and tempering
entirely hardened and tempered
head ground; surface finish: phosphated
handles plastic dipped; slip joint
jaw aperture adjustable in 5 position

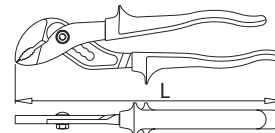


DIN ISO 8976

Code	EAN	L	A		
616731	167312	170	13,8	30	168


441 SLIP JOINT WATERPUMP PLIERS

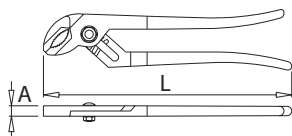
material: special composition for hardening and tempering
slip joint
jaw aperture adjustable in 6 position
head ground; head slimmer and longer
anti-slip design; handles ergonomically shaped
handles plastic dipped



Code	EAN	L	A		
608686	086866	240	7,5	35	300


448 DOUBLE GROOVE JOINT PLIERS

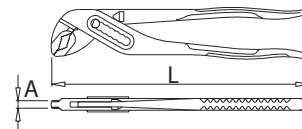
material: special composition for hardening and tempering
entirely hardened and tempered
head polished; surface finish: chrome plated
handles plastic dipped
grooved joint
jaw aperture adjustable in 11 position



Code	EAN	L	A		
608213	082134	410	15	105	1020


446 WHEEL AND RACK WATERPUMP PLIERS

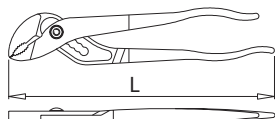
material: special composition for hardening and tempering
entirely chrome plated
infinitely jaw
entirely hardened and tempered
variable adjustment of opening jaws



Code	EAN	L	A		
601461	014616	260	7,5	35	450


440 SLIP JOINT WATERPUMP PLIERS

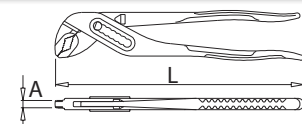
material: special composition for hardening and tempering; slip joint
jaw aperture adjustable in 6 position
head ground
handles ergonomically shaped
handles plastic dipped



Code	EAN	L	A		
601464	014647	240	8	35	320


446 R WHEEL AND RACK WATERPUMP PLIERS

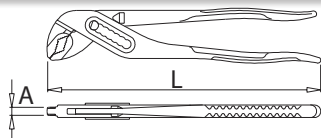
material: special composition for hardening and tempering; entirely chrome plated
infinitely jaw
entirely hardened and tempered
variable adjustment of opening jaws
handles plastic dipped



Code	EAN	L	A		
607732	077321	260	7,5	35	450

**447 WATERPUMP BOX JOINT PLIERS**

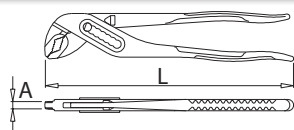
material: chrome vanadium
entirely oil hardened
working surfaces induction hardened
entirely lacquered
jaw aperture adjustable in 7 position



Code	EAN	L	A		
607348	073484	175	6,5	26,5	157
603160	031606	240	7,5	35	300
605006	050065	300	8,5	42	470

**447/1 WATERPUMP BOX JOINT PLIERS**

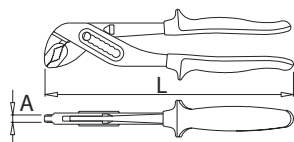
material: chrome vanadium
entirely oil hardened
entirely chrome plated
jaw aperture adjustable in 7 position



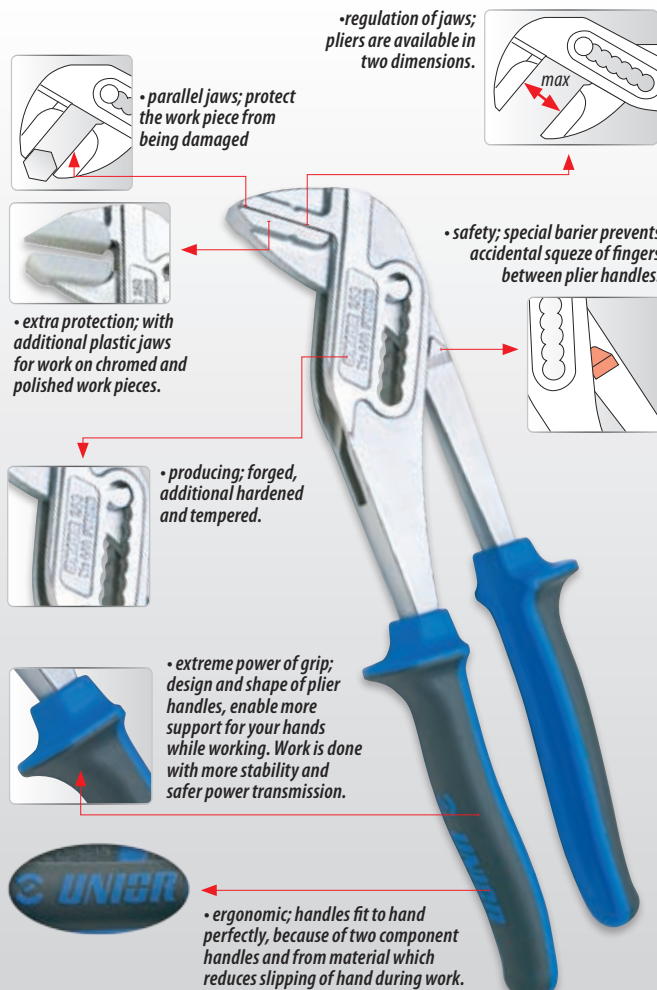
Code	EAN	L	A		
605237	052373	240	6,5	35	300

**447/1 BI WATERPUMP BOX JOINT PLIERS**

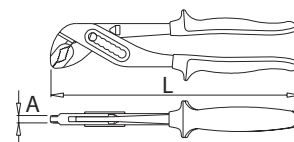
material: chrome vanadium
entirely oil hardened
entirely chrome plated
jaw aperture adjustable in 7 position
working surfaces induction hardened
heavy duty double - component handles
jet stamp UNIOR



Code	EAN	L	A		
610984	109848	240	6,5	35	427

"PYTHON" pliers**449 PYTHON WATERPUMP BOX JOINT PLIERS**

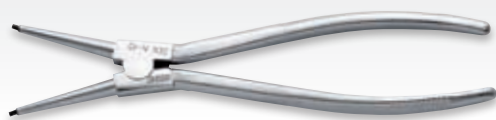
material: chrome vanadium
surface finish: chrome plated
jaw aperture adjustable in 7 positions
jaws are always parallel to protect the work piece from being damaged
449.1 additional plastic jaws for work on chromed and polished work pieces
heavy duty double - component handles
jet stamp UNIOR



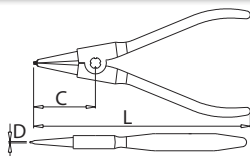
Code	EAN	L	A		
615032	150321	240	11	42	427
616725	167251	300	15	63	745

**449.1 PLASTIC JAW FOR 449 PYTHON**

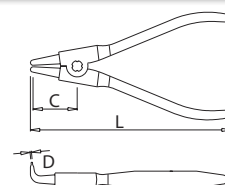
Code	EAN		
615033	150338	2	50
616726	167268	2	50


532 EXTERNAL LOCK RINGS PLIERS, STRAIGHT

material: special composition for hardening and tempering
entirely hardened and tempered
head polished
surface finish: chrome plated
tips burnished


534 EXTERNAL LOCK RINGS PLIERS, BENT

material: special composition for hardening and tempering
entirely hardened and tempered
head polished
surface finish: chrome plated
tips burnished



Code	EAN	L	•	D	C	
603153	031538	140	3 - 10	0,9	40	100
601391	013916	140	10 - 25	1,3	40	100
601392	013923	180	19 - 60	1,8	52	180
601393	013930	220	40 - 100	2,3	63	250

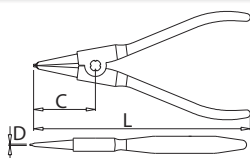
•for circlips to DIN 471 and DIN 983 for shaft diameter

Code	EAN	dim	•	L	D	C	
603155	031552	140	3 - 10	128	0,9	28	100
601394	013947	140	10 - 25	128	1,3	28	100
601395	013954	180	19 - 60	166	1,8	38	180
601396	013961	220	40 - 100	207	2,3	50	250

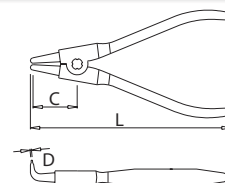
•for circlips to DIN 471 and DIN 983 for shaft diameter


532/1 EXTERNAL LOCK RINGS PLIERS, STRAIGHT

material: special composition for hardening and tempering
entirely hardened and tempered
head polished
surface finish: chrome plated
tips burnished
handles plastic dipped


534/1 EXTERNAL LOCK RINGS PLIERS, BENT

material: special composition for hardening and tempering
entirely hardened and tempered
head polished
surface finish: chrome plated
tips burnished
handles plastic dipped



Code	EAN	L	•	D	C	
608731	087313	140	3 - 10	0,9	40	100
608732	087320	140	10 - 25	1,3	40	100
608733	087337	180	19 - 60	1,8	52	180
608734	087344	220	40 - 100	2,3	63	250
616734	167343	300	85 - 140	3.2	86	470

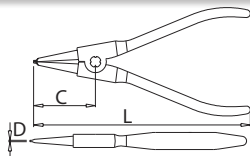
•for circlips to DIN 471 and DIN 983 for shaft diameter

Code	EAN	dim	•	L	D	C	
608739	087399	140	3 - 10	128	0,9	28	100
608740	087405	140	10 - 25	128	1,3	28	100
608741	087412	180	19 - 60	166	1,8	38	180
608742	087429	220	40 - 100	207	2,3	50	250
616737	167374	300	85 - 140	280	3.2	68	470

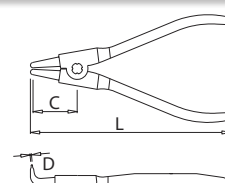
•for circlips to DIN 471 and DIN 983 for shaft diameter


532/4 EXTERNAL LOCK RINGS PLIERS, STRAIGHT

material: special composition for hardening and tempering
entirely hardened and tempered
head ground
surface finish: phosphated
tips burnished
handles plastic dipped


534/4 EXTERNAL LOCK RINGS PLIERS, BENT

material: special composition for hardening and tempering
entirely hardened and tempered
head ground
surface finish: phosphated
tips burnished
handles plastic dipped



Code	EAN	L	•	D	C	
608735	087351	140	3 - 10	0,9	40	100
608736	087368	140	10 - 25	1,3	40	100
608737	087375	180	19 - 60	1,8	52	180
608738	087382	220	40 - 100	2,3	63	250
616735	167350	300	85 - 140	3.2	86	470

•for circlips to DIN 471 and DIN 983 for shaft diameter

Code	EAN	dim	•	L	D	C	
608743	087436	140	3 - 10	128	0,9	28	100
608744	087443	140	10 - 25	128	1,3	28	100
608745	087450	180	19 - 60	166	1,8	38	180
608746	087467	220	40 - 100	207	2,3	50	250
616738	167381	300	85 - 140	280	3.2	68	470

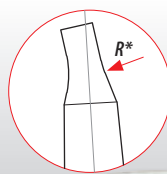
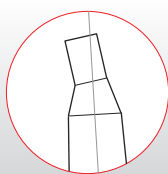
•for circlips to DIN 471 and DIN 983 for shaft diameter

Lock rings pliers

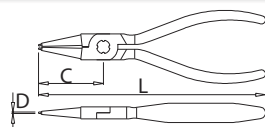
Old type of tips

new type of tips
higher tip endurance

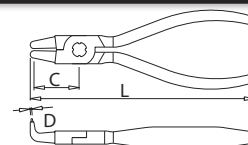
* round shape eliminates the cutting effect - breaking

**536****INTERNAL LOCK RINGS PLIERS, STRAIGHT**

material: special composition for hardening and tempering
entirely hardened and tempered
head polished
surface finish: chrome plated
tips burnished

**538****INTERNAL LOCK RINGS PLIERS, BENT**

material: special composition for hardening and tempering
entirely hardened and tempered
head polished
surface finish: chrome plated
tips burnished



Code	EAN	L	•	D	C	
601397	013978	140	8 - 13	0,9	40	100
603158	031583	140	12 - 25	1,3	40	100
601398	013985	180	19 - 60	1,8	52	200
601399	013992	220	40 - 100	2,3	63	240

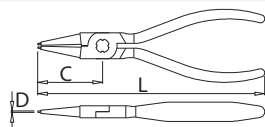
• for circlips to DIN 472 and DIN 984 for shaft diameter

Code	EAN	dim	•	L	D	C	
601400	014005	140	8 - 13	128	0,9	28	100
603213	032139	140	12 - 25	128	1,3	28	100
601401	014012	180	19 - 60	166	1,8	38	180
601402	014029	220	40 - 100	202	2,3	50	250

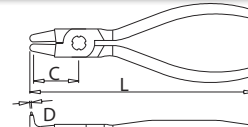
• for circlips to DIN 472 and DIN 984 for shaft diameter

**536/1****INTERNAL LOCK RINGS PLIERS, STRAIGHT**

material: special composition for hardening and tempering
entirely hardened and tempered
head polished; surface finish: chrome plated
tips burnished
handles plastic dipped

**538/1****INTERNAL LOCK RINGS PLIERS, BENT**

material: special composition for hardening and tempering
entirely hardened and tempered
head polished; surface finish: chrome plated
tips burnished
handles plastic dipped



Code	EAN	L	•	D	C	
608747	087474	140	8 - 13	0,9	40	100
608748	087481	140	12 - 25	1,3	40	100
608749	087498	180	19 - 60	1,8	52	200
608750	087504	220	40 - 100	2,3	63	240
616740	167404	300	85 - 140	3.2	86	430

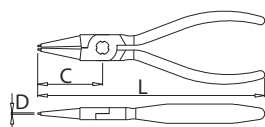
• for circlips to DIN 472 and DIN 984 for shaft diameter

Code	EAN	dim	•	L	D	C	
608755	087559	140	8 - 13	128	0,9	28	100
608756	087566	140	12 - 25	128	1,3	28	100
608757	087573	180	19 - 60	166	1,8	38	180
608758	087580	220	40 - 100	202	2,3	50	250
616743	167435	300	85 - 140	280	3.2	68	430

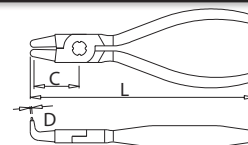
• for circlips to DIN 472 and DIN 984 for shaft diameter

**536/4****INTERNAL LOCK RINGS PLIERS, STRAIGHT**

material: special composition for hardening and tempering
entirely hardened and tempered
head ground
surface finish: phosphated
tips burnished
handles plastic dipped

**538/4****INTERNAL LOCK RINGS PLIERS, BENT**

material: special composition for hardening and tempering
entirely hardened and tempered
head ground; surface finish: phosphated
tips burnished
handles plastic dipped

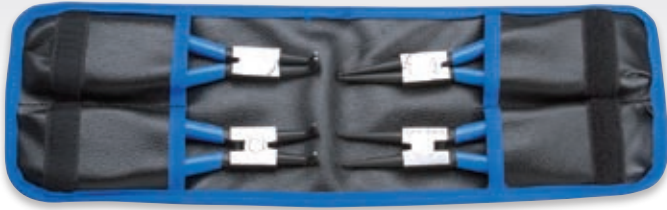


Code	EAN	L	•	D	C	
608751	087511	140	8 - 13	0,9	40	100
608752	087528	140	12 - 25	1,3	40	100
608753	087535	180	19 - 60	1,8	52	200
608754	087542	220	40 - 100	2,3	63	240
616741	167411	300	85 - 140	3.2	86	430

• for circlips to DIN 472 and DIN 984 for shaft diameter

Code	EAN	dim	•	L	D	C	
608759	087597	140	8 - 13	128	0,9	28	100
608760	087603	140	12 - 25	128	1,3	28	100
608761	087610	180	19 - 60	166	1,8	38	180
608762	087627	220	40 - 100	202	2,3	50	250
616744	167442	300	85 - 140	280	3.2	68	430

• for circlips to DIN 472 and DIN 984 for shaft diameter

**539** LOCK RINGS PLIERS SET IN BAG

Code	EAN		
607970	079707	4	435
Art.	Dim.		
532	140 (3-10 mm)	1	
534	140 (3-10 mm)	1	
536	140 (8-13 mm)	1	
538	140 (8-13 mm)	1	
Code	EAN		
601403	014036	4	435
Art.	Dim.		
532	140 (10-25 mm)	1	
534	140 (10-25 mm)	1	
536	140 (12-25 mm)	1	
538	140 (12-25 mm)	1	
Code	EAN		
601404	014043	4	755
Art.	Dim.		
532	180	1	
534	180	1	
536	180	1	
538	180	1	
Code	EAN		
601405	014050	4	945
Art.	Dim.		
532	220	1	
534	220	1	
536	220	1	
538	220	1	

539/1 LOCK RINGS PLIERS SET IN BAG

Code	EAN		
608763	087634	4	435
Art.	Dim.		
532/1	140 (3-10 mm)	1	
534/1	140 (3-10 mm)	1	
536/1	140 (8-13 mm)	1	
538/1	140 (8-13 mm)	1	
Code	EAN		
608764	087641	4	435
Art.	Dim.		
532/1	140 (10-25 mm)	1	
534/1	140 (10-25 mm)	1	
536/1	140 (12-25 mm)	1	
538/1	140 (12-25 mm)	1	

539/1 LOCK RINGS PLIERS SET IN BAG

Code	EAN		
608765	087658	4	755
Art.	Dim.		
532/1	180	1	
534/1	180	1	
536/1	180	1	
538/1	180	1	

Code	EAN		
608766	087665	4	945
Art.	Dim.		
532/1	220	1	
534/1	220	1	
536/1	220	1	
538/1	220	1	

Code	EAN		
616736	167367	4	2155
Art.	Dim.		
532/1	300	1	
534/1	300	1	
536/1	300	1	
538/1	300	1	

539/4 LOCK RINGS PLIERS SET IN BAG

Code	EAN		
608767	087672	4	435
Art.	Dim.		
532/4	140 (3-10 mm)	1	
534/4	140 (3-10 mm)	1	
536/4	140 (8-13 mm)	1	
538/4	140 (8-13 mm)	1	

Code	EAN		
608768	087689	4	435
Art.	Dim.		
532/4	140 (10-25 mm)	1	
534/4	140 (10-25 mm)	1	
536/4	140 (12-25 mm)	1	
538/4	140 (12-25 mm)	1	

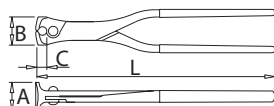
Code	EAN		
608769	087696	4	755
Art.	Dim.		
532/4	180	1	
534/4	180	1	
536/4	180	1	
538/4	180	1	

Code	EAN		
608770	087702	4	945
Art.	Dim.		
532/4	220	1	
534/4	220	1	
536/4	220	1	
538/4	220	1	

Code	EAN		
616733	167336	4	2155
Art.	Dim.		
532/4	300	1	
534/4	300	1	
536/4	300	1	
538/4	300	1	

**529** HEAVY DUTY TOWER PINCERS

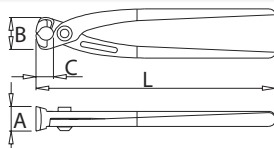
material: special composition for hardening and tempering; entirely hardened and tempered cutting edges induction hardened
head ground
surface finish: phosphated
handles plastic dipped



Code	EAN	L	B	A	C	
607494	074948	280	33	33	19	460

**531** TOWER PINCERS

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated

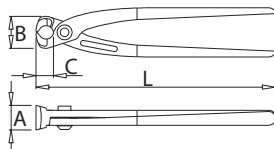


DIN ISO 9242

Code	EAN	L	B	A	C	
601372	013725	190	26	22	15	240
601373	013732	224	30	23	17	320
601374	013749	250	36	25	18	410
601375	013756	280	36	25	18	490

**531/4** TOWER PINCERS

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated
handles plastic dipped



DIN ISO 9242

Code	EAN	L	B	A	C	
608727	087276	190	26	22	15	240
608728	087283	224	30	23	17	320
608729	087290	250	36	25	18	410
608730	087306	280	36	25	18	490

**400/6** SET OF TOWER PINCERS ON CARTON DISPLAY

Code	EAN		
609359	093598	20	6410



Art.	Dim.	
531/4	224	20

531/4ST SET OF TOWER PINCERS ON CARTON DISPLAY

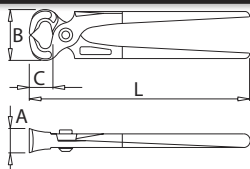
Code	EAN		
615187	151878	6	2525



Art.	Dim.	
531/4	224	6


530 CARPENTERS' PINCERS

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated

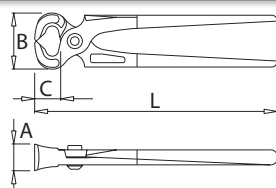


DIN ISO 9243 type A

Code	EAN	L	B	A	C	
601341	013411	160	46	22	16	220
601342	013428	180	50	23	21	320
601343	013435	200	54	25	24	400
607860	078601	225	54	25	24	460
601344	013442	250	58	26	27	640


530/4 CARPENTERS' PINCERS

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated
handles plastic dipped



DIN ISO 9243 type A

Code	EAN	L	B	A	C	
608722	087221	160	46	22	16	220
608723	087238	180	50	23	21	320
608724	087245	200	54	25	24	400
608725	087252	225	54	25	24	460
608726	087269	250	58	26	27	640

530/4ST SET OF CARPENTERS' PINCERS ON CARTON DISPLAY

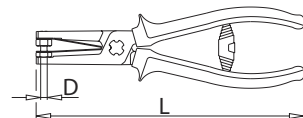
Code	EAN		
615184	151847	6	2755



Art.	Dim.	
530/4	225	6


515 BI REVOLVING PUNCH PLIERS

material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head polished
surface finish: chrome plated
heavy duty double - component handles
jet stamp UNIOR
Use: for punching every kind of paper, card, tickets, plastic material or combination of these up to 1,5mm thickness



Code	EAN	L	D	
611975	119755	160	3	170
613083	130835	160	4	170


515.1 SPARE PUNCH FOR 515

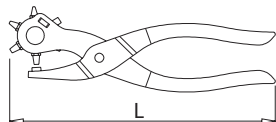
Code	EAN	D
611976	119762	4
613084	130842	3





557 REVOLVING PUNCH PLIERS WITH 6 PUNCHES

handles made of steel sheet
punches from special tool sheet, hardened and
tempered, sharpened
surface finish: zinc plated
handles plastic dipped
dimensions of punches: 2, 2.5, 3, 3.5, 4, 5
art. 557 with exchangeable punches
art. 557.1 spare punches

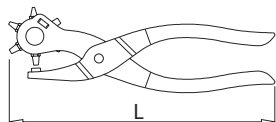


Code	EAN	L	
602559	025599	210	270



558 REVOLVING PUNCH PLIERS WITH 6 PUNCHES

handles made of steel sheet
punches from special tool sheet, hardened and
tempered, sharpened; surface finish: zinc plated
handles plastic dipped; dimensions of punches:
2, 2.5, 3, 3.5, 4, 5; art. 557 with exchangeable
punches; art. 557.1 spare punches



Code	EAN	L	
601557	015576	210	270



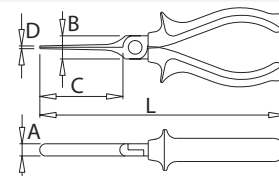
557.1 SPARE PARTS FOR Art. 55

Code	EAN	D
603336	033365	2
603337	033372	2,5
603338	033389	3
603339	033396	3,5
603340	033402	4
603341	033419	5



509 BI DUCKBILL PLIERS

material: special composition for hardening and
tempering; entirely hardened and tempered
cutting edges induction hardened
head polished
surface finish: chrome plated
heavy duty double - component handles
jet stamp UNIOR
used in textile industry

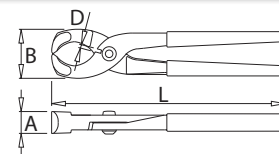


Code	EAN	L	C	B	A	D	
605585	055855	200	70	17	9	2	145



527 TILE PINCERS

material: special composition for hardening and
tempering
with wire cutter (max 3mm)
head ground
surface finish: phosphated
handles plastic dipped

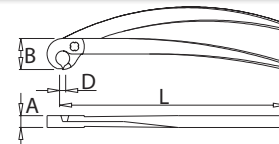


Code	EAN	L	B	A	D	
610148	101484	200	42,7	19	3	391

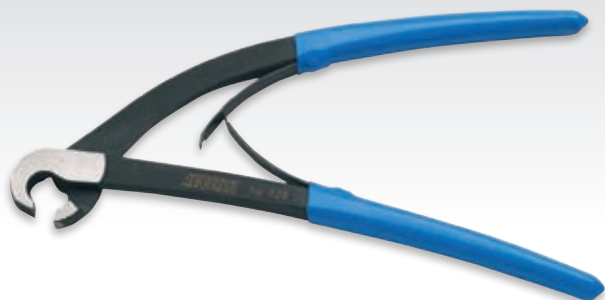


528 TILE PINCERS

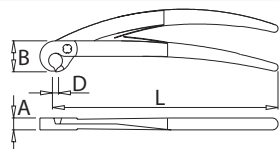
material: special composition for hardening and
tempering
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated



Code	EAN	L	B	A	D max	
612987	129877	200	40	8,4	11	200


528/4B TILE PINCERS

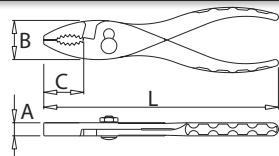
material: special composition for hardening and tempering
entirely hardened and tempered
cutting edges induction hardened
head ground
surface finish: phosphated
model with spring
handles plastic dipped



Code	EAN	L	B	A	D max	
612988	129884	200	40	8,4	11	200


418 COMBINATION SLIP - JOIN PLIERS FOR GAS TUBES

material: special composition for hardening and tempering
entirely hardened and tempered
with wire cutter
two possibilities for jaw setting
surface finish: chrome plated

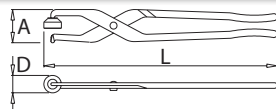


DIN ISO 9343

Code	EAN	L	B	A	C	
601262	012629	160	5	9	28	170
601263	012636	180	5	10	30	250


431 BRAKE SPRING PLIERS

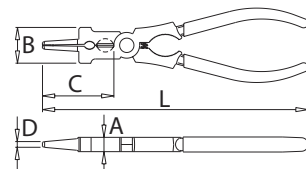
material: special composition for hardening and tempering
entirely hardened and tempered
loose oil hardened head, phosphated surface finish:
chrome plated



Code	EAN	L	A	ΦD	
601554	015545	330	53	25	405


436 UNIVERSAL WELDING PLIERS

The universal welding pliers are intended for the maintenance of welding guns for arc welding with protective gas (MAG / MIG welding).
material: special composition for hardening and tempering; entirely hardened and tempered
cutting edges induction hardened
spring for reopening
head ground
surface finish: phosphated
handles plastic dipped



Code	EAN	L	B	D	A	C	
616493	164939	180	25	3	10	59	190
616494	164946	210	34	3.5	11	80	290



dirty nozzle



spatter removal from in and outside the nozzle



spatter removal from the nozzle end



clean nozzle



nozzle removal and installation



tip removal and installation



wire cutting



wire cutting out



installation bushing removal and installation

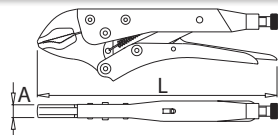




hammering



430 UNIVERSAL LOCK - GRIP PLIERS

jaws dropped forged from special tool steel
handles made from sheet steel
surface finish: nickel plated
screw phosphatized

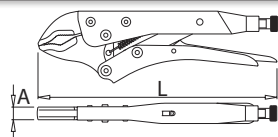




Code	EAN	L	A		
601551	015514	175	10	30	360
601552	015521	250	12	35	590
601553	015538	300	14	40	1010

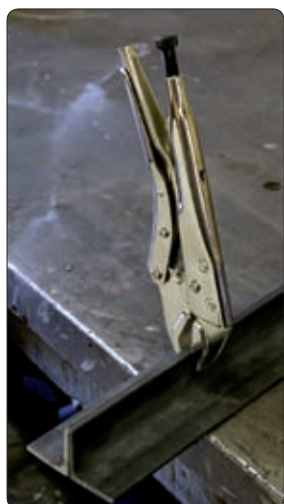


429 UNIVERSAL LOCK - GRIP PLIERS

jaws dropped forged from special tool steel
handles made from sheet steel
surface finish: nickel plated
screw phosphatized
symmetric jaws

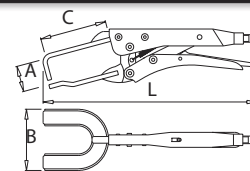



Code	EAN	L	A		
613101	131016	175	10	30	355
605206	052069	250	12	35	580
613102	131023	300	14	40	990



432 A WELDERS' LOCK - GRIP PLIERS

jaws dropped forged from special tool steel
handles made from sheet steel
surface finish: nickel plated
screw phosphatized
for angle tubes

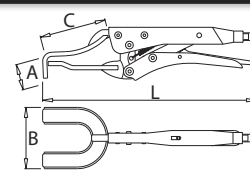



Code	EAN	L	A	B	C	D max	
601142	011424	280	30	76	75	45	810



432 B WELDERS' LOCK - GRIP PLIERS

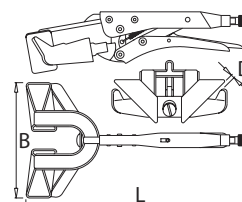
jaws dropped forged from special tool steel
handles made from sheet steel
surface finish: nickel plated
screw phosphatized
for tubes



Code	EAN	L	A	B	C	D max	
601143	011431	280	35	77	75	20	830


432 D WELDERS' LOCK - GRIP PLIERS

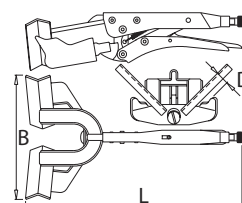
jaws dropped forged from special tool steel
handles made from sheet steel
surface finish: nickel plated
screw phosphatized
used for welding of flat or angle profiles at angle 90°
possible clamping of different thicknesses (max 40 mm)



Code	EAN	L	B	D max	
603464	034645	280	146	40	1200


432 V WELDERS' LOCK - GRIP PLIERS

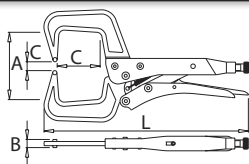
jaws dropped forged from special tool steel
handles made from sheet steel
surface finish: nickel plated
screw phosphatized
used for welding of round profiles at angle 90°
possible clamping of different thicknesses (min 10 mm, max 40 mm)



Code	EAN	L	B	D max	
603463	034638	280	160	50	1100

432 C WELDERS' LOCK - GRIP PLIERS

jaws dropped forged from special tool steel
handles made from sheet steel
surface finish: nickel plated
screw phosphatized
for metal sheets and profiles

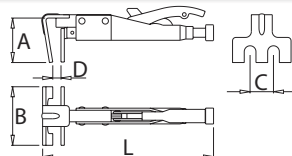


Code	EAN	L	A	B	C	D max	
601144	011448	280	82	10	55	50	700



**433 A WELDERS' GRIP PLIERS**

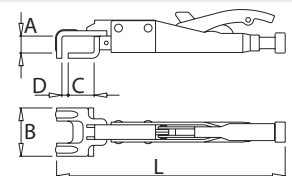
material: jaws - chrome molybdenum, handles from sheet steel
parallel clamping is achieved by straight line motion of the flexible jaw
one handed operation
small size and parallel clamping action for easy access into difficult and confined areas
wide flat jaws, for spot welding



Code	EAN	L	D max	C	A	B	Weight
612887	128870	200	12	30	50	70	555

**433 B WELDERS' GRIP PLIERS**

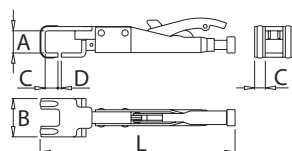
material: jaws - chrome molybdenum, handles from sheet steel
parallel clamping is achieved by straight line motion of the flexible jaw
one handed operation
small size and parallel clamping action for easy access into difficult and confined areas
wide curved jaws, for spot welding, and assembling angular shapes



Code	EAN	L	D max	C	A	B	Weight
612888	128887	220	7	20	15	45	510

**433 C WELDERS' GRIP PLIERS**

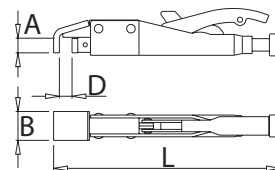
material: jaws - chrome molybdenum, handles from sheet steel
parallel clamping is achieved by straight line motion of the flexible jaw
one handed operation
small size and parallel clamping action for easy access into difficult and confined areas
wide curved jaws, for spot welding, and assembling angular shapes



Code	EAN	L	D max	C	A	B	Weight
612889	128894	230	10	12	25	45	555

**433 D WELDERS' GRIP PLIERS**

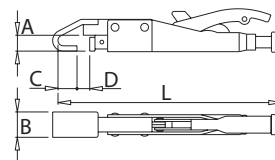
material: jaws - chrome molybdenum, handles from sheet steel
parallel clamping is achieved by straight line motion of the flexible jaw
one handed operation
small size and parallel clamping action for easy access into difficult and confined areas
straight jaws, for assembling flat sheet material



Code	EAN	L	D max	B	A	Weight
612890	128900	200	19	25	15	455

**433 E WELDERS' GRIP PLIERS**

material: jaws - chrome molybdenum, handles from sheet steel
parallel clamping is achieved by straight line motion of the flexible jaw
one handed operation
small size and parallel clamping action for easy access into difficult and confined areas
curved jaws, for spot welding, and assembling angular shapes

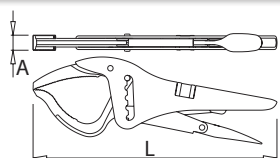


Code	EAN	L	D max	B	C	A	Weight
612891	128917	210	14	25	14	15	470




434 A WHEEL AND RACK GRIP PLIERS

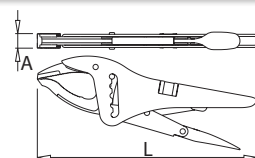
jaws dropped forged from special tool steel
handles made from sheet steel
surface finish: nickel plated
screw chrome plated



Code	EAN	L	A		
616721	167213	270	16	120	690


434 D WHEEL AND RACK GRIP PLIERS

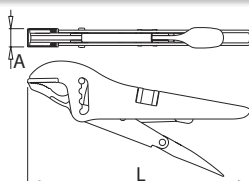
jaws dropped forged from special tool steel
handles made from sheet steel
surface finish: nickel plated
screw chrome plated



Code	EAN	L	A		
616724	167244	250	16	100	620


434 B WHEEL AND RACK GRIP PLIERS

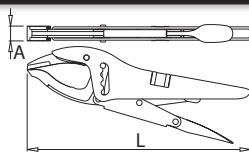
jaws dropped forged from special tool steel
handles made from sheet steel
surface finish: nickel plated
screw chrome plated



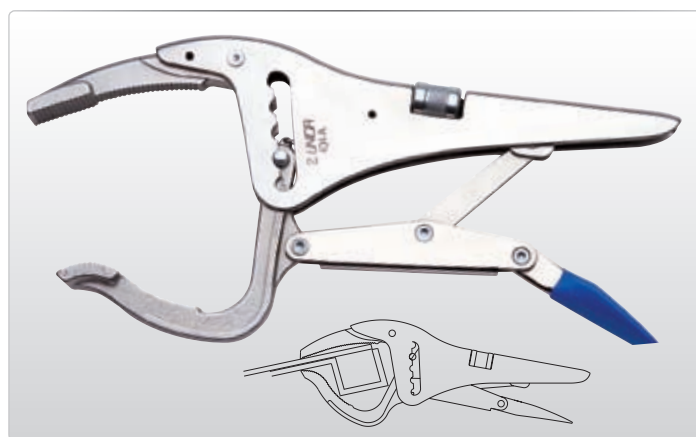
Code	EAN	L	A		
616722	167220	220	16	50	500


434 C WHEEL AND RACK GRIP PLIERS

jaws dropped forged from special tool steel
handles made from sheet steel
surface finish: nickel plated
screw chrome plated

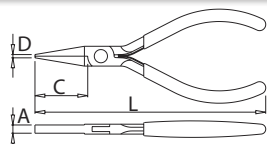


Code	EAN	L	A		
616723	167237	250	16	80	640



**1060** ELECTRONIC FLAT NOSE PLIERS

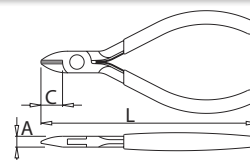
lap joint
head ground
surface finish: phosphated
handles plastic dipped



Code	EAN	L	C	A	D	
603528	035284	130	33,5	5,5	1,8	70

**1063** ELECTRONIC SIDE CUTTER

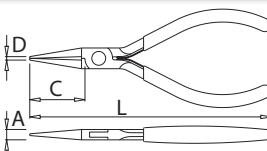
lap joint
head ground
surface finish: phosphated
handles plastic dipped



Code	EAN	L	C	A	
603531	035314	110	12,5	5,5	61

**1061** ELECTRONIC ROUND NOSE PLIERS

lap joint
head ground
surface finish: phosphated
handles plastic dipped



Code	EAN	L	C	A	D	
603529	035291	120	22,5	5,5	2	65

1097 SET OF ELECTRONIC PLIERS IN WALLET

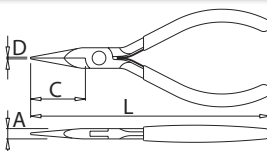
Code	EAN		
605115	051154	8	740



Art.		Dim.	
1060		130	1
1061	⋮	120	1
1062	⊙	130	1
1063	⊗	110	1
1064	⋈	130	1
1065	⊕	120	1
1066	⊖	120	1
1067	⊗	135	1

**1062** ELECTRONIC SNIPE NOSE PLIERS

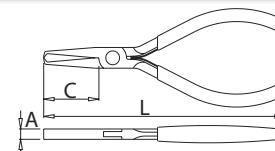
lap joint
head ground
surface finish: phosphated
handles plastic dipped



Code	EAN	L	C	A	D	
603530	035307	130	32,5	5,5	1,8	68

**1064** ELECTRONIC FRONT CUTTER

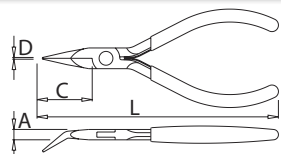
lap joint
head ground
surface finish: phosphated
handles plastic dipped



Code	EAN	L	C	A	
603533	035338	130	33,5	6,5	70


1065 ELECTRONIC SNIPE NOSE PLIERS, BENT

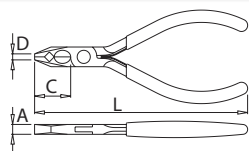
lap joint
head ground
surface finish: phosphated
handles plastic dipped



Code	EAN	L	C	A	D	
603534	035345	120	31,5	5,5	1,8	67


1066 ELECTRONIC COMBINATION PLIERS

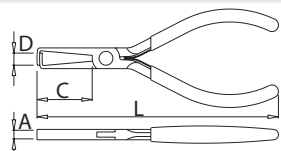
lap joint
head ground
surface finish: phosphated
handles plastic dipped



Code	EAN	L	C	A	D	
603535	035352	120	18,5	5,5	4	65


1067 ELECTRONIC WIRE STRIPPER

lap joint
head ground
surface finish: phosphated
handles plastic dipped



Code	EAN	L	C	A	D	
603536	035369	123,5	27	5,5	13	69

1099
SET OF ELECTRONIC PLIERS ON CARTON DISPLAY

Code
609361

EAN
093611

20

740



Art.

Dim.

1060

130

5

1062

130

5

1063

110

5

1064

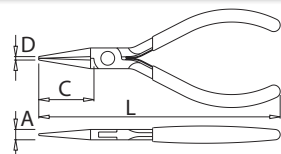
130

5



**1071** ELECTRONIC PLIERS LSI - ROUND

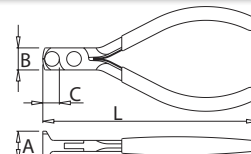
box joint
head ground
handles plastic dipped



Code	EAN	L	B	C	E	D	A	
607315	073156	120	9,5	23	1,8	2	6,5	48

**1074** ELECTRONIC PLIERS LSI - FRONT CUTTER

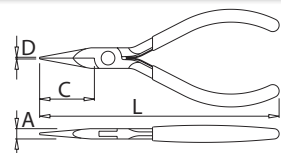
box joint
head ground
handles plastic dipped



Code	EAN	L	B	C	A	
607318	073187	120	11,5	7,5	17	70

**1072** ELECTRONIC PLIERS LSI - SNIPE NOSE

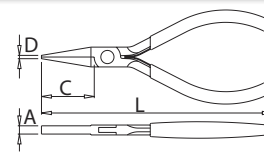
box joint
head ground
handles plastic dipped



Code	EAN	L	B	C	E	D	A	
607316	073163	120	9,3	21	1,5	1	5,8	48

**1075** ELECTRONIC PLIERS LSI - FLAT NOSE

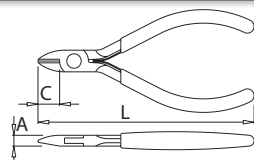
box joint
head ground
handles plastic dipped



Code	EAN	L	B	C	E	D	A	
607319	073194	120	9,5	23	1,8	4	6	48

**1073** ELECTRONIC PLIERS LSI - SIDE CUTTER

box joint
head ground
handles plastic dipped



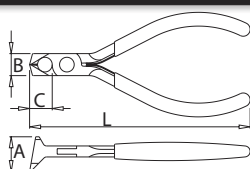
Code	EAN	L	B	C	A	
607317	073170	115	11,5	14,5	6,5	60





1076 ELECTRONIC PLIERS LSI - OBLIQUE CUTTER

box joint
head ground
handles plastic dipped



Code	EAN	L	B	C	A	
607320	073200	120	12	9	19	70



1091 SET OF ELECTRONIC PLIERS LSI IN WALLET

Code	EAN		
607321	073217	6	560



1093 SET OF ELECTRONIC PLIERS AND SCREWDRIVERS IN PLASTIC BOX

Code	EAN		
608537	085371	11	750



Art.		Dim.	
1071	●	120	1
1072	●	120	1
1073	●	115	1
1074	●	120	1
1075	●	120	1
1076	●	120	1

1094 SET OF ELECTRONIC PLIERS LSI ON CARTON DISPLAY

Code	EAN		
609360	093604	20	740



Art.		Dim.	
1072	●	120	5
1073	●	115	5
1074	●	120	5
1075	●	120	5

Art.		Dim.	
1072	●	120	1
1073	●	115	1
1075	●	120	1
1076	●	120	1
605E	+	1,8x60, 2,5x75, 3,0x100, 4,0x100	4
615E	+	PH 00x60, PH 0x60, PH 1x80	3

