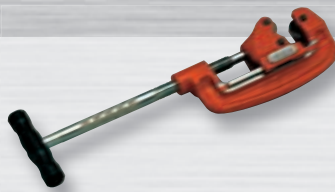


Plumbing tools



Pipe wrenches



Tube cutters



Bench yoke vices



Three stands



Other plumbing tools



Sets of pipe wrenches



Numerous additional parts

The range of pipe wrenches is complemented by other tools dedicated to pipe-work installations, such as various tube cutters and vices, tri-stands, flaring tools, test pumps for pipe-work.



Ergonomic shape

The special grip pipe wrench, thanks to its ergonomic shape, always fits in your hand perfectly while performing a firm, non-slip clasp on tubes regardless of their shape or width.



Easy installing

Unior pipe and tubing tools allow safe and efficient installing of plumbing systems, as they transfer much of the additional force onto the pipes and provide a strong and steady hold without nuts or bolts.



Features of Unior's pipe wrenches



- material: chrome vanadium
- red lacquered
- jaws drop forged
- serrated jaws with induction hardened teeth



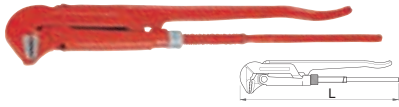
- material: housing and handle from special alloy, very durable
- both jaws drop forged from special carbon tool steel
- jaws oil hardened, teeth additionally induction hardened
- replacable jaws
- lacquered handle
- jaws and screws as spare parts for art.492/6, 490/6 and 492AL
- adjustable upper jaw



480/6

Pipe wrench 90°, Swedish pattern

- material: chrome vanadium
- drop forged, entirely hardened and tempered
- surface finish: red lacquered
- serrated jaws with induction hardened teeth
- made according to standard DIN 5234 form A

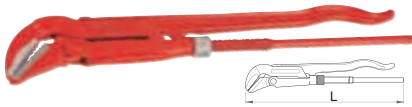


Barcode	⌀	Ø	L
601481	1	50	325
601482	1.1/2"	60	415
601483	2	80	540
601484	3	105	685
605125	4	125	750

481/6

Pipe wrench 45°, Swedish pattern

- material: chrome vanadium
- drop forged, entirely hardened and tempered
- surface finish: red lacquered
- serrated jaws with induction hardened teeth
- made according to standard DIN 5234 form B

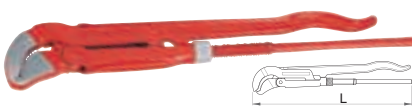


Barcode	⌀	Ø	L
601495	1/2"	35	265
601496	1	45	335
601497	1.1/2"	55	430
601498	2	70	555
601499	3	95	700

482/6

Pipe wrench 45°, Swedish pattern, S - form

- material: chrome vanadium
- drop forged, entirely hardened and tempered
- surface finish: red lacquered
- serrated jaws with induction hardened teeth
- the jaws enable a good grip on flat, semicircular and round surfaces
- made according to standard DIN 5234 form C

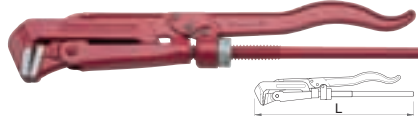


Barcode	⌀	Ø	L
601510	1/2"	35	270
601511	1	50	335
601512	1.1/2"	60	430
601513	2	80	550
601514	3	105	700

483/6

Grip pipe wrench

- material: chrome vanadium
- drop forged, entirely hardened and tempered
- surface finish: red lacquered
- serrated jaws with induction hardened teeth

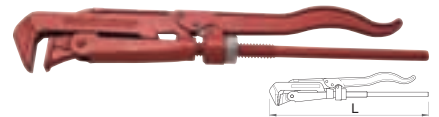


Barcode	⌀	Ø	L
611781	1.1/2"	50	418
613076	2	70	490

483/6A

Grip pipe wrench with smooth jaws

- material: chrome vanadium
- drop forged, entirely hardened and tempered
- surface finish: red lacquered
- precise gripping of nuts and pipe fittings without damage

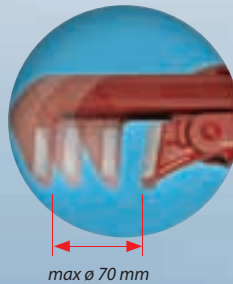


Barcode	⌀	Ø	L
612668	1.1/2"	50	418
612903	2	70	490

483/6 USE

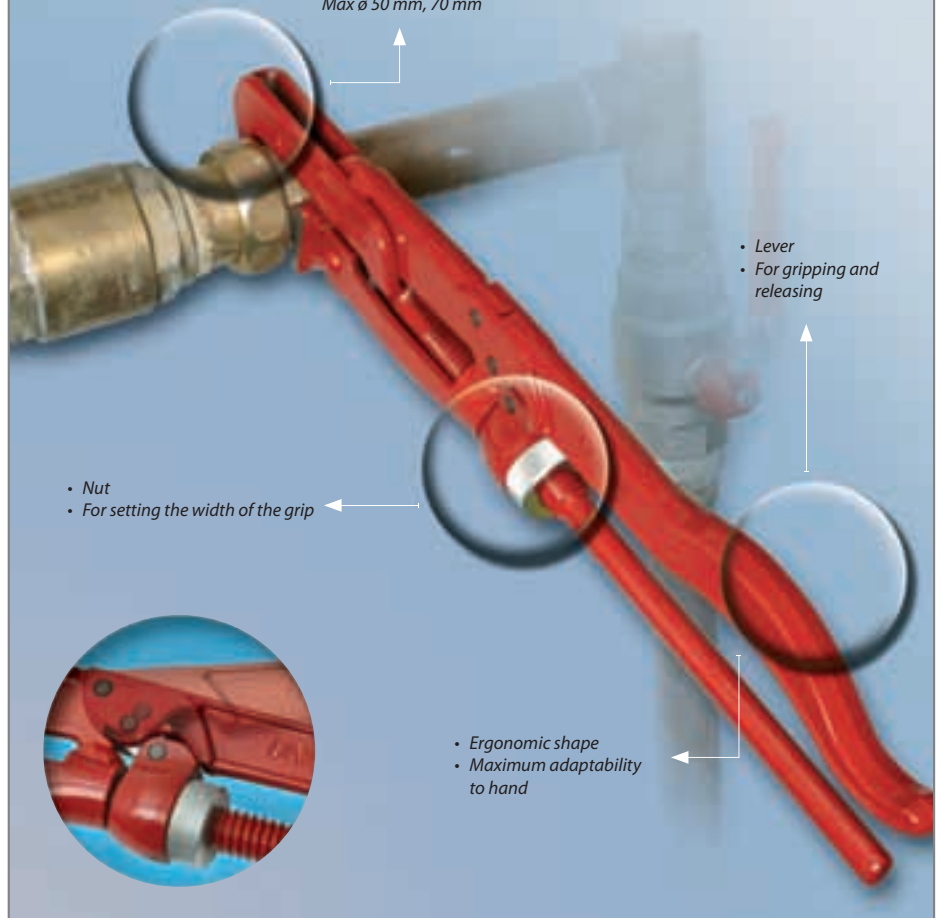
Pipe wrench

- set the width of the grip by adjusting the pliers using the nut on the handle
- with minimal pressure on the lever on the handle a solid grip will be achieved and the pliers will remain locked in position
- to unlock the pliers release the lever on the handle



max ø 70 mm

Max ø 50 mm, 70 mm



- Nut
- For setting the width of the grip

- Lever
- For gripping and releasing

- Ergonomic shape
- Maximum adaptability to hand

484/6

Chain pipe wrenches

- material: carbon tool steel
- jaws and tube drop forged
- serrated jaws with induction hardened teeth
- possibility of rotating the jaw
- surface finish: lacquered tube, other parts anticorrosion oiled



Barcode	⌀	⌀	L
601530	4	160	760
601531	6	200	915
601532	8	300	1130
601533	12	400	1250

484.1/7

Chain for 484/6



Barcode	⌀
602707	4
602710	6
602713	8
602716	12

484.2/7

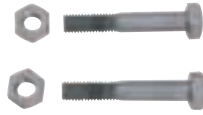
Jaw for 484/6



Barcode	⌀
602708	4
602711	6
602714	8
602717	12

484.3/7

Spare screw for 484/6



Barcode	⌀
602709	4
602712	6
602715	8
602718	12

486/6

Pipe roughing wrench

- material: chrome vanadium
- drop forged, entirely hardened and tempered
- rollers from special tool steel, entirely hardened and tempered
- surface finish: red lacquered
- used for ribbing of outer surface of tubes up to 1"
- tightening of joints with ribbing materials without slippage



Barcode	⌀	⌀	L
602773	1.1/2"	60	430

486.1/7

Spare roller for 486/6



Barcode	⌀
602346	3

486.2/7

Spare screw for 486/6

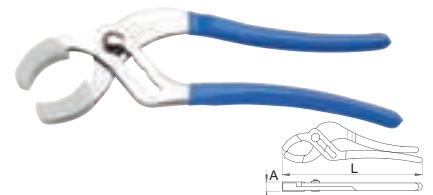


Barcode	⌀
616486	6

487/2P

Drain trap pliers

- material: chrome vanadium
- drop forged, entirely hardened and tempered
- surface finish: chrome plated to standard EN12540
- additional plastic jaws for working with soft material



Barcode	L	⌀	A
612869	235	18 - 67	14.5

487.1

Plastic jaw for 487/2P



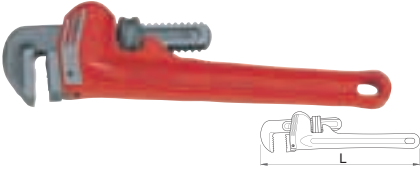
Barcode	⌀
619882	2



492/6

Heavy duty pipe wrench

- material: handle from special alloy, very durable
- jaws entirely hardened and tempered, teeth additionally induction hardened
- replaceable jaws, phosphated
- handle lacquered
- jaws and screws as spare parts for art. 492/6, 490/6 and 492AL
- adjustable upper jaw



Barcode	L"	Ø	Ø	L
601544	8	1"	34	200
601545	10	1.1/2"	49	250
618893	12	1.3/4"	55	300
601546	14	2"	60	350
601547	18	2.1/2"	76	450
601548	24	3"	89	600
601549	36	5"	140	900
618894	48	6"	165	1200

492.1/7

Set of spare parts for 492/6, 490/6, 492AL

- adjustable and fix jaw, pin and screw

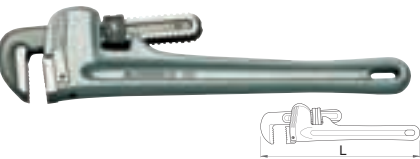


Barcode	Ø
602340	8
602332	10
620064	12
602691	14
602695	18
602699	24
602703	36
620065	48

492AL

Heavy duty pipe wrench AL

- material: handle from ALU-alloy, very durable
- jaws entirely hardened and tempered, teeth additionally induction hardened
- replaceable jaws, phosphated
- jaws and screws as spare parts for art. 492/6, 490/6 and 492AL
- adjustable upper jaw

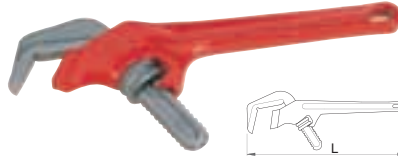


Barcode	L"	Ø	Ø	L
602719	14	2"	49	330
602720	18	2.1/2"	67	410
602721	24	3"	76	555
602722	36	5"	100	790

493/6

Toilet wrench

- handle from special alloy, very durable
- jaws entirely hardened and tempered
- replaceable jaws
- handle lacquered
- jaw and screw as spare parts
- the flat and adjustable jaw enables precise gripping of the nuts by pipe fittings and prevents them from being damaged



Barcode	Ø	Ø	L
601550	1.1/2"	65	270

493.1/7

Set of spare parts for 493/6

- jaw + screw

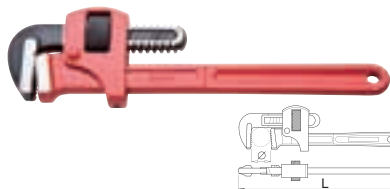


Barcode
602344

494/6

Adjustable pipe wrench

- the handle is drop forged from special tool steel
- jaw guide made from special alloy
- teeth grinded
- working surfaces induction hardened
- lacquered
- grip, rotation or bolting of round or multi-edged pipes, nuts, and flanges



Barcode	L"	Ø	Ø	L
619786	8	3/4"	27	200
619787	10	1"	35	250
619788	12	1.1/4"	43	300
619789	14	1.1/2"	50	350
619790	18	2"	60	450
619791	24	2.1/2"	76	600
619792	36	3.1/2"	100	900

494.1/7

Set of spare parts for 494/6

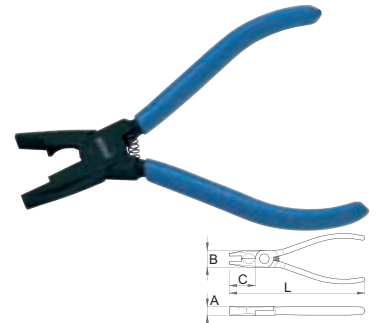


Barcode	L"	L
620592	8	200
620593	10	250
620594	12	300
620595	14	350
620596	18	450
620597	24	600
620598	36	900

503/4P

Telephone pliers

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- handles plastic dipped



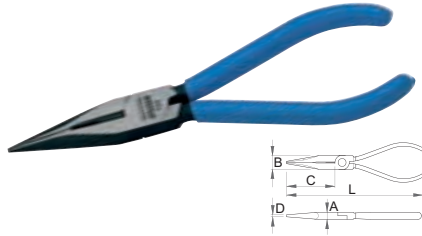
Barcode	L	B	A	C
607863	140	17	9	35



503/4AP

Telephone pliers

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- handles plastic dipped



Barcode	L	B	D	A	C
607330	160	16	0.8	9	49

506/1BI

Long nose pliers with side cutter

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head polished
- surface finish: chrome plated to standard EN12540
- heavy duty double - component handles
- gripping surface serrated
- made according to standard ISO 5745



Barcode	L	B	D	A	C
607874	140	15	2	8	39
607875	160	16	2.5	9	49

cutting capacity (10N=1kg)

Barcode	L	(max 1600 N/mm ²)	(max 650 N/mm ²)
607874	140	1,6	2,0
607875	160	1,6	2,0

506/4G

Long nose pliers with side cutter

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- heavy duty plastic handles
- gripping surface serrated
- made according to standard ISO 5745



Barcode	L	B	D	A	C
608712	140	15	2	8	39
608713	160	16	2.5	9	49

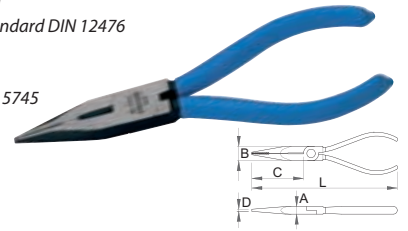
cutting capacity (10N=1kg)

Barcode	L	(max 1600 N/mm ²)	(max 650 N/mm ²)
608712	140	1,6	2,0
608713	160	1,6	2,0

506/4P

Long nose pliers with side cutter

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- handles plastic dipped
- gripping surface serrated
- made according to standard ISO 5745



Barcode	L	B	D	A	C
608716	140	15	2	8	39
608717	160	16	2.5	9	49

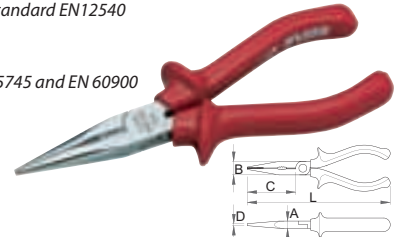
cutting capacity (10N=1kg)

Barcode	L	(max 1600 N/mm ²)	(max 650 N/mm ²)
608716	140	1,6	2,0
608717	160	1,6	2,0

506/1VDE

Long nose pliers with side cutter

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head polished
- surface finish: chrome plated to standard EN12540
- heavy duty plastic handles
- gripping surface serrated
- made according to standard ISO 5745 and EN 60900



Barcode	L	B	D	A	C
605019	140	15	2	8	39
605020	160	16	2.5	9	49

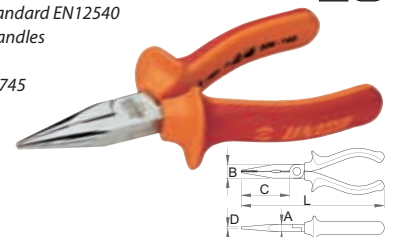
cutting capacity (10N=1kg)

Barcode	L	(max 1600 N/mm ²)	(max 650 N/mm ²)
605019	140	1,6	2,0
605020	160	1,6	2,0

506/1VDEBI

Long nose pliers with side cutter

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head polished
- surface finish: chrome plated to standard EN12540
- heavy duty double - component handles
- gripping surface serrated
- made according to standard ISO 5745 and EN 60900



Barcode	L	B	D	A	C
610434	140	15	2	8	39
610435	160	16	2.5	9	49

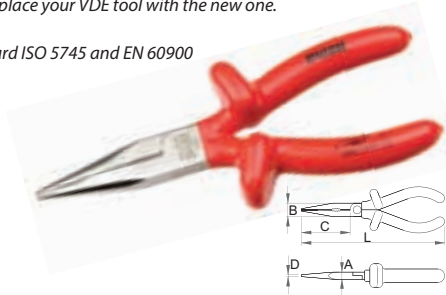
cutting capacity (10N=1kg)

Barcode	L	(max 1600 N/mm ²)	(max 650 N/mm ²)
610434	140	1,6	2,0
610435	160	1,6	2,0

506/1VDEDP

Long nose pliers with side cutter

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head polished
- surface finish: chrome plated to standard EN12540
- handles are insulated with double layered - double coloured insulation, which enables additional safety
- if second layer is visible, replace your VDE tool with the new one.
- gripping surface serrated
- made according to standard ISO 5745 and EN 60900



Barcode	L	B	D	A	C
619187	140	15	8	8	39
619188	160	16	2.5	9	49

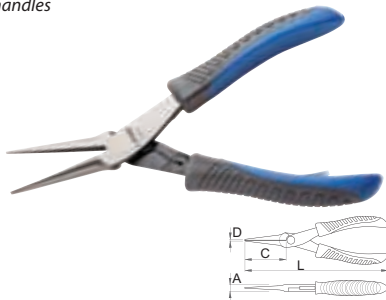
cutting capacity (10N=1kg)

Barcode	L	(max 1600 N/mm ²)	(max 650 N/mm ²)
619187	140	1,6	2,0
619188	160	1,6	2,0

506/4E

Electronic long nose pliers

- material: special tool steel
- drop forged, entirely hardened and tempered
- heavy duty double - component handles

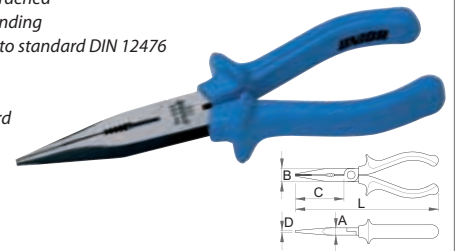


Barcode	L	B	D	A	C
620073	140	12.6	3.2	2.4	41.8

508/4G

Long nose pliers with side cutter and pipe grip, straight

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- heavy duty plastic handles
- gripping surface serrated
- made according to standard ISO 5745



Barcode	L	B	D	A	C
608710	170	17	2.5	9	61
608711	200	17	2.5	9	77

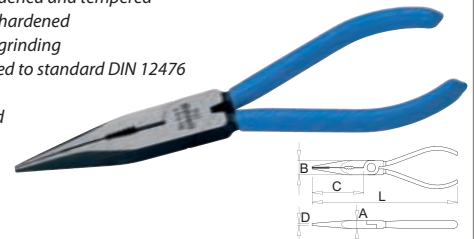
cutting capacity (10N=1kg)

Barcode	L	(max 1600 N/mm ²)	(max 650 N/mm ²)
608710	170	1,6	2,0
608711	200	1,8	2,5

508/4P

Long nose pliers with side cutter and pipe grip, straight

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- handles plastic dipped
- gripping surface serrated
- made according to standard ISO 5745



Barcode	L	B	D	A	C
608714	170	17	2.5	9	61
608715	200	17	2.5	9	77

cutting capacity (10N=1kg)

Barcode	L	(max 1600 N/mm ²)	(max 650 N/mm ²)
608714	170	1,6	2,0
608715	200	1,8	2,5

508/1BI

Long nose pliers with side cutter and pipe grip, straight

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head polished
- surface finish: chrome plated to standard EN12540
- heavy duty double - component handles
- gripping surface serrated
- made according to standard ISO 5745



Barcode	L	B	D	A	C
607876	170	17	2.5	9	61
607877	200	17	2.5	9	77

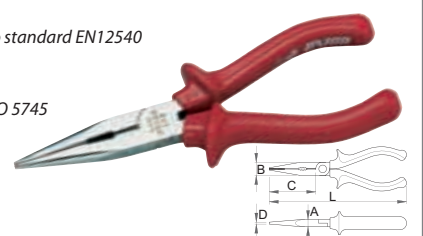
cutting capacity (10N=1kg)

Barcode	L	(max 1600 N/mm ²)	(max 650 N/mm ²)
607876	170	1,6	2,0
607877	200	1,8	2,5

508/1VDE

Long nose pliers with side cutter and pipe grip, straight

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head polished
- surface finish: chrome plated to standard EN12540
- heavy duty plastic handles
- gripping surface serrated
- made according to standard ISO 5745 and EN 60900



Barcode	L	B	D	A	C
605021	170	17	2.5	9	61
605022	200	17	2.5	9	77

cutting capacity (10N=1kg)

Barcode	L	(max 1600 N/mm ²)	(max 650 N/mm ²)
605021	170	1,6	2,0
605022	200	1,8	2,5

508/1VDEBI

Long nose pliers with side cutter and pipe grip, straight

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head polished
- surface finish: chrome plated to standard EN12540
- heavy duty double - component handles
- gripping surface serrated
- made according to standard ISO 5745 and EN 60900



	L	B	D	A	C
610436	170	17	2.5	9	61
610437	200	17	2.5	9	77

cutting capacity (10N=1kg)

	L	(max 1600 N/mm ²)	(max 650 N/mm ²)
610436	170	1,6	2,0
610437	200	1,8	2,5

512/1BI

Long nose pliers with side cutter and pipe grip, bent

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head polished
- surface finish: chrome plated to standard EN12540
- heavy duty double - component handles
- gripping surface serrated
- jaws bent to an angle of 45°



	L	B	D	A	C
607966	170	17	2.5	9	61
607967	200	17	2.5	9	77

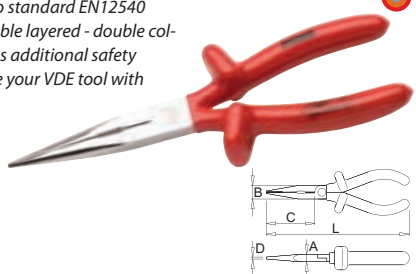
cutting capacity (10N=1kg)

	L	(max 1600 N/mm ²)	(max 650 N/mm ²)
607966	170	1,6	2,0
607967	200	1,8	2,5

508/1VDEDP

Long nose pliers with side cutter and pipe grip, straight

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head polished
- surface finish: chrome plated to standard EN12540
- handles are insulated with double layered - double coloured insulation, which enables additional safety
- if second layer is visible, replace your VDE tool with the new one.
- gripping surface serrated
- made according to standard ISO 5745 and EN 60900



	L	B	D	A	C
619189	170	17	2.5	9	61
619190	200	17	2.5	9	77

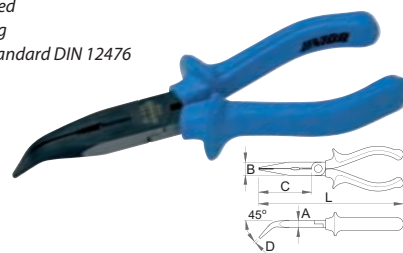
cutting capacity (10N=1kg)

	L	(max 1600 N/mm ²)	(max 650 N/mm ²)
619189	170	1,6	2,0
619190	200	1,8	2,5

512/4G

Long nose pliers with side cutter and pipe grip, bent

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- gripping surface serrated
- jaws bent to an angle of 45°
- heavy duty plastic handles



	L	B	D	A	C
608720	170	17	2.5	9	61
608721	200	17	2.5	9	77

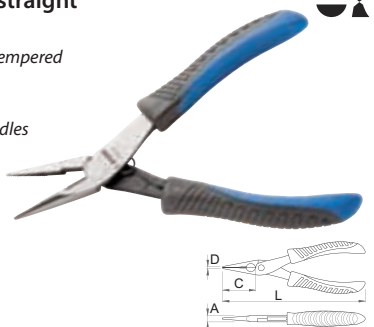
cutting capacity (10N=1kg)

	L	(max 1600 N/mm ²)	(max 650 N/mm ²)
608720	170	1,6	2,0
608721	200	1,8	2,5

508/4E

Electronic long nose pliers, straight

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- gripping surface serrated
- heavy duty double - component handles



	L	B	D	A	C
620074	135	12.6	3.2	2.4	32.5

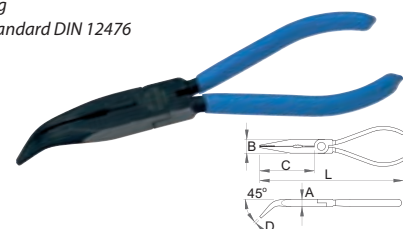
cutting capacity (10N=1kg)

	L	(max 750-850 N/mm ²)
620074	135	1,5

512/4P

Long nose pliers with side cutter and pipe grip, bent

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- handles plastic dipped
- gripping surface serrated
- jaws bent to an angle of 45°



	L	B	D	A	C
608718	170	17	2.5	9	61
608719	200	17	2.5	9	77

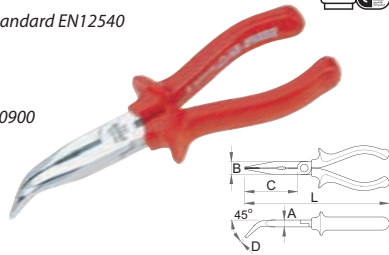
cutting capacity (10N=1kg)

	L	(max 1600 N/mm ²)	(max 650 N/mm ²)
608718	170	1,6	2,0
608719	200	1,8	2,5

512/1VDE

Long nose pliers with side cutter and pipe grip, bent

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head polished
- surface finish: chrome plated to standard EN12540
- heavy duty plastic handles
- gripping surface serrated
- jaws bent to an angle of 45°
- made according to standard EN 60900



Barcode	L	B	D	A	C
607123	170	17	2.5	9	61
607124	200	17	2.5	9	77

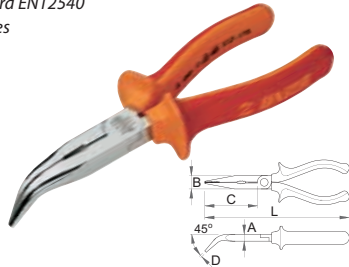
cutting capacity (10N=1kg)

Barcode	L	(max 1600 N/mm ²)	(max 650 N/mm ²)
607123	170	1,6	2,0
607124	200	1,8	2,5

512/1VDEBI

Long nose pliers with side cutter and pipe grip, bent

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head polished
- surface finish: chrome plated to standard EN12540
- heavy duty double - component handles
- gripping surface serrated
- jaws bent to an angle of 45°
- made according to standard EN 60900



Barcode	L	B	D	A	C
610438	170	17	2.5	9	61
610439	200	17	2.5	9	77

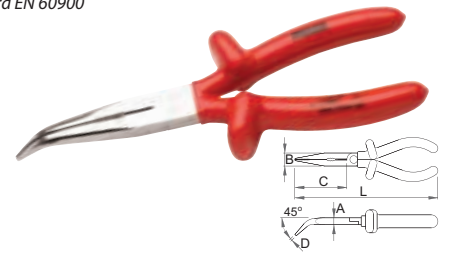
cutting capacity (10N=1kg)

Barcode	L	(max 1600 N/mm ²)	(max 650 N/mm ²)
610438	170	1,6	2,0
610439	200	1,8	2,5

512/1VDEDP

Long nose pliers with side cutter and pipe grip, bent

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head polished
- surface finish: chrome plated to standard EN12540
- handles are insulated with double layered - double coloured insulation, which enables additional safety
- if second layer is visible, replace your VDE tool with the new one.
- gripping surface serrated
- jaws bent to an angle of 45°
- made according to standard EN 60900



Barcode	L	B	D	A	C
619191	170	17	2.5	9	61
619192	200	17	2.5	9	77

cutting capacity (10N=1kg)

Barcode	L	(max 1600 N/mm ²)	(max 650 N/mm ²)
619191	170	1,6	2,0
619192	200	1,8	2,5

512/4E

Electronic long nose pliers, bent

- material: special tool steel
- drop forged, entirely hardened and tempered
- heavy duty double - component handles



Barcode	L	B	D	A
620075	140	12.6	3.2	8.2

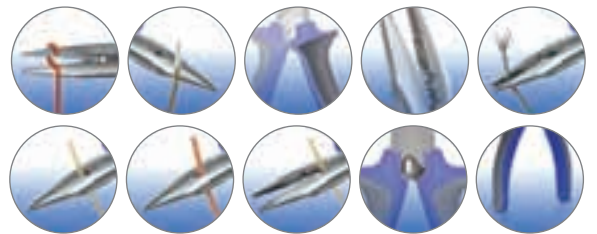
514/1BI

Multifunctional electricians pliers

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head polished
- surface finish: chrome plated to standard EN12540
- heavy duty double - component handles



USE 514/1BI



Barcode	L	B	D	A	C
612782	160	16	2.5	9	49

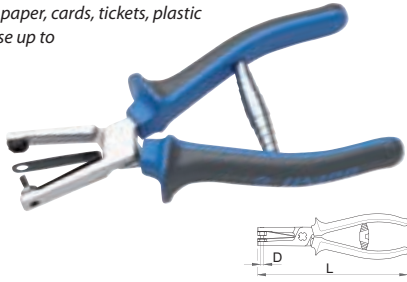
cutting capacity (10N=1kg)

Barcode	L	(max 1600 N/mm ²)	(max 650 N/mm ²)
612782	160	1,6	2,0

515/1BI

Revolving punch pliers

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head polished
- surface finish: chrome plated to standard EN12540
- heavy duty double - component handles
- Use: for punching every kind of paper, cards, tickets, plastic material or combination of these up to 1,5mm of thickness



Barcode	L	D
611975	160	3
613083	160	4



515.1

Spare punch for 515/1BI

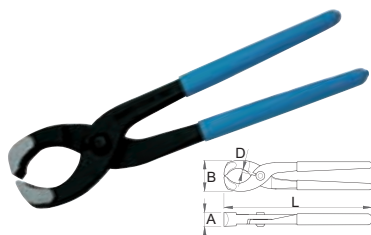


Barcode	D
613084	3
611976	4

527/4P

Tile pincers

- material: special tool steel
- drop forged, entirely hardened and tempered
- with wire cutter: possibility of cutting soft wires max 3mm
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- handles plastic dipped

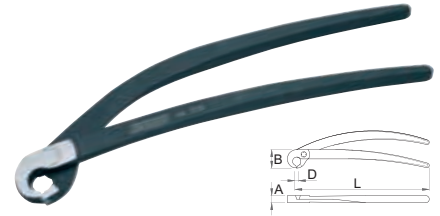


Barcode	L	B	A	D
610148	200	42.7	19	3

528/4

Tile pincers

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476



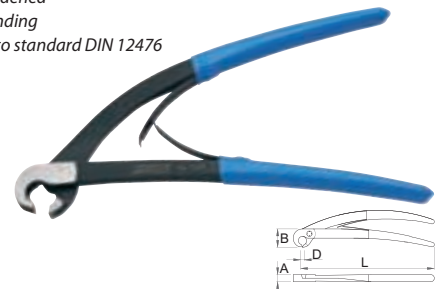
Barcode	L	B	A	D	T
612987	200	40	8.4	11	



528/4BP

Tile pincers

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- model with spring
- handles plastic dipped



Barcode	L	B	A	D	T
612988	200	40	8.4	11	

529/4P

Heavy duty tower pincers

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- handles plastic dipped



Barcode	L	B	A	C
607494	280	33	33	19

529/4PR**Heavy duty tower pincers**

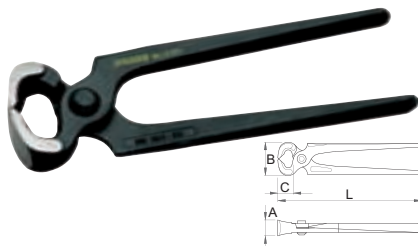
- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- handles plastic dipped



Barcode	L	B	A	C
609563	280	33	33	19

530/4**Carpenters` pincers**

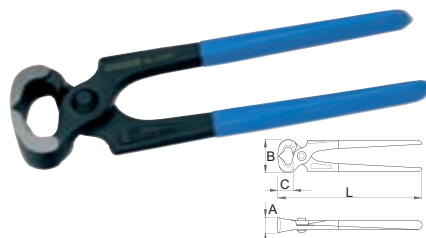
- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- made according to standard ISO 9243



Barcode	L	B	A	C
601341	160	46	22	16
601342	180	50	23	21
601343	200	54	25	24
607860	225	54	25	24
601344	250	58	26	27

530/4P**Carpenters` pincers**

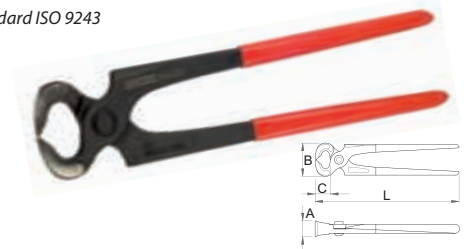
- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- handles plastic dipped
- made according to standard ISO 9243



Barcode	L	B	A	C
608722	160	46	22	16
608723	180	50	23	21
608724	200	54	25	24
608725	225	54	25	24
608726	250	58	26	27

530/4PR**Carpenters` pincers**

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- handles plastic dipped
- made according to standard ISO 9243



Barcode	L	B	A	C
601336	160	46	22	16
601337	180	50	23	21
601338	200	54	25	24
605155	225	54	25	24
601339	250	58	26	27

531/4**Tower pincers**

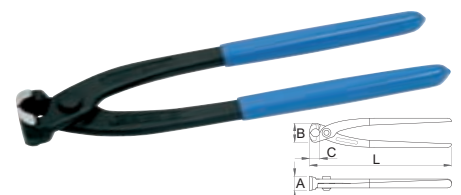
- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- made according to standard ISO 9242



Barcode	L	B	A	C
601372	190	26	22	15
601373	224	30	23	17
601374	250	36	25	18
601375	280	36	25	18

531/4P**Tower pincers**

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- handles plastic dipped
- made according to standard ISO 9242

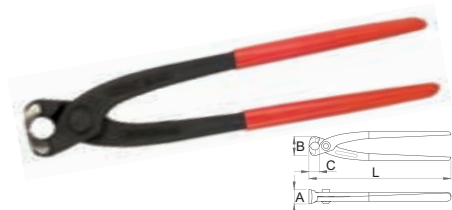


Barcode	L	B	A	C
608727	190	26	22	15
608728	224	30	23	17
608729	250	36	25	18
608730	280	36	25	18

531/4PR

Tower pincers

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- handles plastic dipped
- made according to standard ISO 9242



Barcode	L	B	A	C
601386	224	30	23	17
601387	250	36	25	18
601388	280	36	25	18

531/4PST

Set of tower pincers on carton display

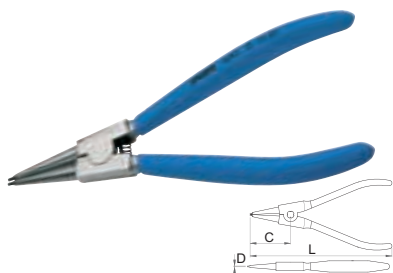


Barcode	Nº	Hand
615187	531/4PST	6
	531/4P	

532/1P

External lock rings pliers, straight

- material: special tool steel
- drop forged, entirely hardened and tempered
- head polished
- surface finish: chrome plated to standard EN12540
- tips black finish
- handles plastic dipped
- made according to standard DIN 5254 form A

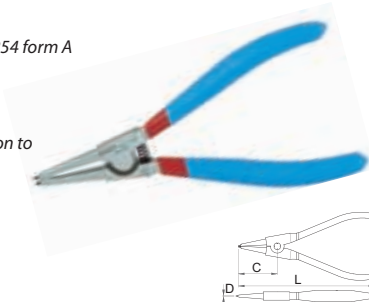


Barcode	L	DIN Ø	D	C
616734	300	85 - 140	3.2	86

532PLUS/1DP

External lock rings pliers, straight

- material: special tool steel
- drop forged, entirely hardened and tempered
- head polished
- surface finish: chrome plated to standard EN12540
- tips black finish
- double plastic dipped handles
- made according to standard DIN 5254 form A
- for fitting circlips on shafts
- for diameter 10 to 100mm
- with inserted tips
- 30% higher endurance in comparison to convenient lock rings pliers



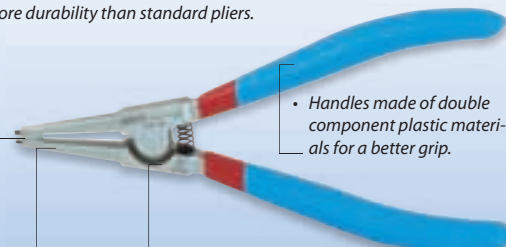
Barcode	L	DIN Ø	D	C
621187	140	3 - 10	0.9	40
621188	140	10 - 25	1.3	40
621189	180	19 - 60	1.8	52
621190	220	40 - 100	2.2	63

532PLUS/1DP

Properties of the Circlip Pliers

30% more durability

- The inserted tips are at an angle for better grip of the retaining ring.
- Optimum heat treatment and dimension control.
- Made from special carbon steel with high tensile strength. Designed to eliminate the cut-in effect.
- 30% more durability than standard pliers.

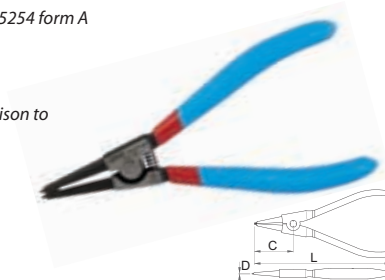


- Handles made of double component plastic materials for a better grip.
- Size marking for easier and faster selection of tools.
- Chrome plated in accordance with the EN 12540 standard.
- Available in several sizes, for ring diameters from 8mm to 100mm.

532PLUS/4DP

External lock rings pliers, straight

- material: special tool steel
- drop forged, entirely hardened and tempered
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- tips black finish
- double plastic dipped handles
- made according to standard DIN 5254 form A
- for fitting circlips on shafts
- for diameter 10 to 100mm
- with inserted tips
- 30% higher endurance in comparison to convenient lock rings pliers



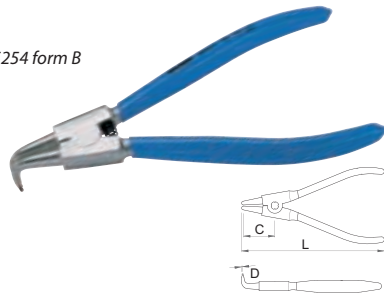
Barcode	L	DIN Ø	D	C
621191	140	3 - 10	0.9	40
621192	140	10 - 25	1.3	40
621193	180	19 - 60	1.8	52
621194	220	40 - 100	2.2	63

534/1P

External lock rings pliers, bent



- material: special tool steel
- drop forged, entirely hardened and tempered
- head polished
- surface finish: chrome plated to standard EN12540
- tips black finish
- handles plastic dipped
- made according to standard DIN 5254 form B



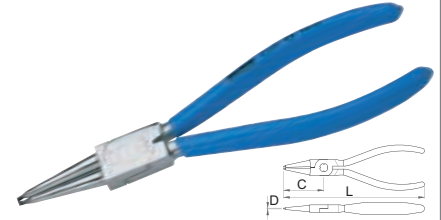
616737	300	85 - 140	L	D	C
			280	3.2	68

536/1P

Internal lock rings pliers, straight



- material: special tool steel
- drop forged, entirely hardened and tempered
- head polished
- surface finish: chrome plated to standard EN12540
- tips black finish
- handles plastic dipped
- made according to standard DIN 5256 form A



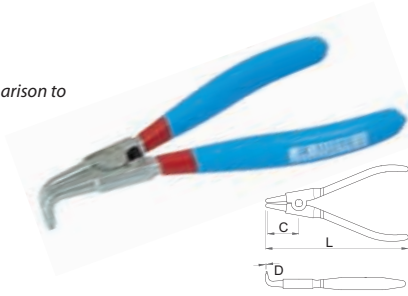
616740	300	85 - 140	L	D	C
				3.2	86

534PLUS/1DP

External lock rings pliers, bent



- material: special tool steel
- drop forged, entirely hardened and tempered
- head polished
- surface finish: chrome plated to standard EN12540
- tips black finish
- made according to standard DIN 5254 form B
- double plastic dipped handles
- for fitting circlips on shafts
- for diameter 10 to 100mm
- with inserted tips
- 30% higher endurance in comparison to convenient lock rings pliers



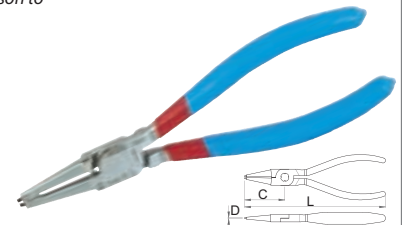
			L	D	C
621195	140	3 - 10	128	0.9	28
621196	140	10 - 25	128	1.3	28
621197	180	19 - 60	166	1.8	38
621198	220	40 - 100	201	2.3	48

536PLUS/1DP

Internal lock rings pliers, straight



- material: special tool steel
- drop forged, entirely hardened and tempered
- head polished
- surface finish: chrome plated to standard EN12540
- tips black finish
- double plastic dipped handles
- made according to standard DIN 5256 form A
- for fitting circlips on bore holes
- for diameter 8 to 100mm
- with inserted tips
- 30% higher endurance in comparison to convenient lock rings pliers



			L	D	C
621203	140	8 - 13		0.9	40
621204	140	12 - 25		1.3	40
621205	180	19 - 60		1.8	52
621206	220	40 - 100		2.2	63

534PLUS/4DP

External lock rings pliers, bent



- material: special tool steel
- drop forged, entirely hardened and tempered
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- tips black finish
- made according to standard DIN 5254 form B
- double plastic dipped handles
- for fitting circlips on shafts
- for diameter 10 to 100mm
- with inserted tips
- 30% higher endurance in comparison to convenient lock rings pliers



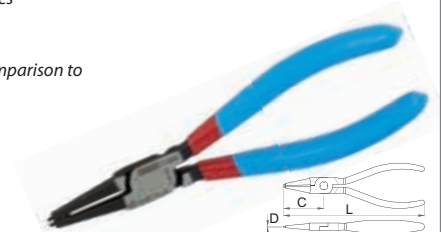
			L	D	C
621199	140	3 - 10	128	0.9	28
621200	140	10 - 25	128	1.3	28
621201	180	19 - 60	166	1.8	38
621202	220	40 - 100	201	2.3	48

536PLUS/4DP

Internal lock rings pliers, straight



- material: special tool steel
- drop forged, entirely hardened and tempered
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- tips black finish
- double plastic dipped handles
- made according to standard DIN 5256 form A
- for fitting circlips on bore holes
- for diameter 8 to 100mm
- with inserted tips
- 30% higher endurance in comparison to convenient lock rings pliers

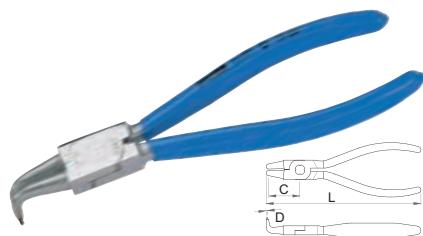


			L	D	C
621207	140	8 - 13		0.9	40
621208	140	12 - 25		1.3	40
621209	180	19 - 60		1.8	52
621210	220	40 - 100		2.2	63

538/1P

Internal lock rings pliers, bent

- material: special tool steel
- drop forged, entirely hardened and tempered
- head polished
- surface finish: chrome plated to standard EN12540
- tips black finish
- handles plastic dipped
- made according to standard DIN 5256 form B

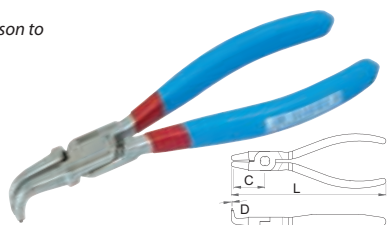


616743	300	85 - 140	280	3.2	68
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538PLUS/1DP

Internal lock rings pliers, bent

- material: special tool steel
- drop forged, entirely hardened and tempered
- head polished
- surface finish: chrome plated to standard EN12540
- tips black finish
- double plastic dipped handles
- made according to standard DIN 5256 form B
- for fitting circlips on bore holes
- for diameter 8 to 100mm
- with inserted tips
- 30% higher endurance in comparison to convenient lock rings pliers

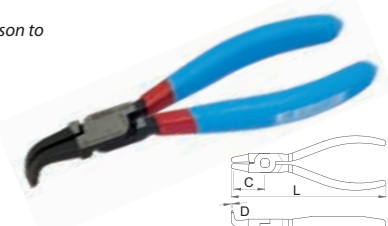


621211	140	8 - 13	128	0.9	28
621212	140	12 - 25	128	1.3	28
621213	180	19 - 60	166	1.8	38
621214	220	40 - 100	202	2.3	48

538PLUS/4DP

Internal lock rings pliers, bent

- material: special tool steel
- drop forged, entirely hardened and tempered
- head surface finish: fine grinding
- surface finish: phosphated to standard DIN 12476
- tips black finish
- double plastic dipped handles
- made according to standard DIN 5256 form B
- for fitting circlips on bore holes
- for diameter 8 to 100mm
- with inserted tips
- 30% higher endurance in comparison to convenient lock rings pliers



621215	140	8 - 13	128	0.9	28
621216	140	12 - 25	128	1.3	28
621217	180	19 - 60	166	1.8	38
621218	220	40 - 100	202	2.3	48

539/1PCT

Lock rings pliers set in bag



616736	539/1PCT	4
532/1P (300), 534/1P (300), 536/1P (300), 538/1P (300)		

539PLUS/1DPCT

Set of lock rings pliers PLUS in bag



621623	539PLUS/1DPCT	3 - 10 - 140 / 4
532PLUS/1DP (140 x 3 - 10), 534PLUS/1DP (140 x 3 - 10), 536PLUS/1DP (140 x 8 - 13), 538PLUS/1DP (140 x 8 - 13)		
621624	539PLUS/1DPCT	10 - 25 - 140 / 4
532PLUS/1DP (140 x 10 - 25), 534PLUS/1DP (140 x 10 - 25), 536PLUS/1DP (140 x 12 - 25), 538PLUS/1DP (140 x 12 - 25)		
621625	539PLUS/1DPCT	19 - 60 - 180 / 4
532PLUS/1DP (180 x 19 - 60), 534PLUS/1DP (180 x 19 - 60), 536PLUS/1DP (180 x 19 - 60), 538PLUS/1DP (180 x 19 - 60)		
621626	539PLUS/1DPCT	40 - 100 - 220 / 4
532PLUS/1DP (220 x 40 - 100), 534PLUS/1DP (220 x 40 - 100), 536PLUS/1DP (220 x 40 - 100), 538PLUS/1DP (220 x 40 - 100)		

539PLUS/4DPCT

Set of lock rings pliers PLUS in bag



621627	539PLUS/4DPCT	3 - 10 - 140 / 4
532PLUS/4DP (140 x 3 - 10), 534PLUS/4DP (140 x 3 - 10), 536PLUS/4DP (140 x 8 - 13), 538PLUS/4DP (140 x 8 - 13)		
621628	539PLUS/4DPCT	10 - 25 - 140 / 4
532PLUS/4DP (140 x 10 - 25), 534PLUS/4DP (140 x 10 - 25), 536PLUS/4DP (140 x 12 - 25), 538PLUS/4DP (140 x 12 - 25)		
621629	539PLUS/4DPCT	19 - 60 - 180 / 4
532PLUS/4DP (180 x 19 - 60), 534PLUS/4DP (180 x 19 - 60), 536PLUS/4DP (180 x 19 - 60), 538PLUS/4DP (180 x 19 - 60)		
621630	539PLUS/4DPCT	40 - 100 - 220 / 4
532PLUS/4DP (220 x 40 - 100), 534PLUS/4DP (220 x 40 - 100), 536PLUS/4DP (220 x 40 - 100), 538PLUS/4DP (220 x 40 - 100)		