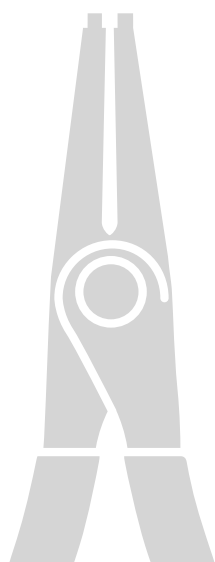


# Circlip Pliers



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# Circlip Pliers

for internal circlips in bore holes



- > Slim pattern, forged
- > Non-slip, solid tips
- > Pliers body and tips: chrome vanadium steel, forged, oil-hardened



44 11 J2



44 13 J2



44 21 J21



44 23 J21



44 31 J22

**Style 1**  
> DIN 5256 C, straight tips

**Style 2**  
> DIN 5256 D; 90° angled tips

**Style 3**  
> 45° angled tips

Article No.	EAN	↔ mm		Style	Pliers	Head	Handles	Size of bore Ø mm	Tips Ø mm	△ g
44 11 J0	040286	140	☉	1	black atramentized	polished	plastic coated	8 – 13	0.9	88
44 11 J1	022862	140		1				12 – 25	1.3	88
44 11 J2	022879	180		1				19 – 60	1.8	135
44 11 J3	033943	225		1				40 – 100	2.3	196
44 11 J4	042549	320		1				85 – 140	3.2	469
44 13 J0	048176	140	☉	1	chrome plated	chrome plated	plastic coated	8 – 13	0.9	89
44 13 J1	042938	140		1				12 – 25	1.3	88
44 13 J2	042945	180		1				19 – 60	1.8	138
44 13 J3	042952	225		1				40 – 100	2.3	194
44 13 J4	017301	320		1				85 – 140	3.2	463
44 21 J01	040132	130	∠90° ☉	2	black atramentized	polished	plastic coated	8 – 13	0.9	88
44 21 J11	022886	130		2				12 – 25	1.3	88
44 21 J21	022893	170		2				19 – 60	1.8	139
44 21 J31	033769	215		2				40 – 100	2.3	196
44 21 J41	043683	300		2				85 – 140	3.2	462
44 23 J11	042969	130	∠90° ☉	2	chrome plated	chrome plated	plastic coated	12 – 25	1.3	89
44 23 J21	042976	170		2				19 – 60	1.8	138
44 23 J31	042983	215		2				40 – 100	2.3	200
44 31 J02	066941	140	∠45° ☉	3	black atramentized	polished	plastic coated	8 – 13	0.9	90
44 31 J12	066958	140		3				12 – 25	1.3	90
44 31 J22	066965	180		3				19 – 60	1.8	140
44 31 J32	066972	225		3				40 – 100	2.3	195
44 31 J42	066989	310		3				85 – 140	3.2	465

# Circlip Pliers

## for external circlips on shafts

- > Slim pattern, forged
- > Non-slip, solid tips
- > Pliers body and tips: chrome vanadium steel, forged, oil-hardened



46 13 A2



46 21 A21



46 31 A22



### Style 1

- > DIN 5254 A; straight tips

### Style 2

- > DIN 5254 B; 90° angled tips

### Style 3

- > 45° angled tips

Article No.	EAN	↔ mm		Style	Pliers	Head	Handles	Size of shaft Ø mm	Tips Ø mm	Δ g
46 11 A0	033950	140	MM ○	1	black atramentized	polished	plastic coated	3 – 10	0.9	85
46 11 A1	022909	140		1				10 – 25	1.3	86
46 11 A2	022916	180		1				19 – 60	1.8	134
46 11 A3	033974	210		1				40 – 100	2.3	220
46 11 A4	042532	320		1				85 – 140	3.2	505
46 13 A0	017417	140	MM ○	1	chrome plated	chrome plated	plastic coated	3 – 10	0.9	85
46 13 A1	042990	140		1				10 – 25	1.3	82
46 13 A2	043003	180		1				19 – 60	1.8	133
46 13 A3	043010	210		1				40 – 100	2.3	211
46 21 A01	033967	125		90° MM ○				2	black atramentized	polished
46 21 A11	023005	125	2		10 – 25	1.3	85			
46 21 A21	022923	170	2		19 – 60	1.8	132			
46 21 A31	033981	200	2		40 – 100	2.3	219			
46 21 A41	039365	300	2		85 – 140	3.2	510			
46 23 A01	017509	125	90° MM ○	2	chrome plated	chrome plated	plastic coated	3 – 10	0.9	84
46 23 A11	043027	125		2				10 – 25	1.3	84
46 23 A21	043034	170		2				19 – 60	1.8	132
46 23 A31	043041	200		2				40 – 100	2.3	221
46 31 A02	066996	130		45° MM ○				3	black atramentized	polished
46 31 A12	067009	130	3		10 – 25	1.3	85			
46 31 A22	067016	185	3		19 – 60	1.8	133			
46 31 A32	067023	210	3		40 – 100	2.3	213			
46 31 A42	067030	310	3		85 – 140	3.2	511			

# Precision Circlip Pliers

for internal circlips in bore holes



- ▶ Heavy duty in continuous operation: up to 10 times longer service life compared to turned tips
- ▶ With inserted tips for reliable work

- > Bolted joint: precise, zero backlash operation of pliers
- > Non-slip plastic coating on the handles
- > Inserted tips: spring steel wire, drawn
- > Pliers body: chrome vanadium electric steel, forged, oil-hardened



48 11 J2



48 21 J21

### Style 1

- > DIN 5256 C, straight tips

### Style 2

- > DIN 5256 D; 90° angled tips

**High precision quality**

Easy and reliable assembly: form-fitting inserted and pressed-in tips made of high-density spring steel offer a high level of protection against excessive stress and strain, e.g. when removing stuck rings. The large supporting surfaces and the position of the tips make it more difficult for the rings to bounce off.

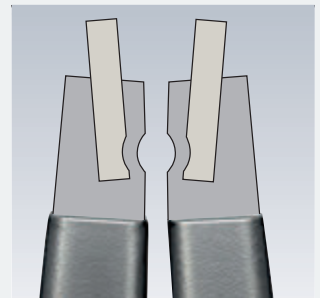


### KNIPEX circlip pliers with overexpansion guard

For the standardized fitting of circlips in the industrial serial production. Particularly manufacturers of sensitive, safety-relevant components (e.g. brakes or gears) highly appreciate the compliance of DIN 471 and 472. The mounting of circlip rings in this case requires pliers with overexpansion guard or a cone. KNIPEX Circlip Pliers with overexpansion guard meet the requirements and furthermore offer a superior durability.



Sturdy, inserted tips: made from high-density spring steel



Tight fit through compression

Article No.	EAN 4003773-	↔ mm		Style	Pliers	Handles	Size of bore Ø mm	Tips Ø mm	⚖ g
48 11 J0	048510	140	☺	1	grey atramentized	with non-slip plastic coating	8 – 13	0.9	105
48 11 J1	048527	140		1			12 – 25	1.3	105
48 11 J2	048534	180		1			19 – 60	1.8	175
48 11 J3	048541	225		1			40 – 100	2.3	266
48 11 J4	048558	320		1			85 – 140	3.2	580
48 21 J01	048619	130	⚡☺	2	grey atramentized	with non-slip plastic coating	8 – 13	0.9	105
48 21 J11	048633	130		2			12 – 25	1.3	105
48 21 J21	048640	165		2			19 – 60	1.8	175
48 21 J31	048657	210		2			40 – 100	2.3	265
48 21 J41	048664	305		2			85 – 140	3.2	576

- ▶ With overstretching limiter
- ▶ For all circlips with a diameter of 8 – 100 mm

- > With overstretching limiter for standardized assembly according to DIN 472
- > The adjustable stop screw prevents overexpansion
- > Adjustment using hexagonal screw
- > Ideal for series production as excessive expansion of rings is effectively prevented

**Style 3**

- > DIN 5256 C, straight tips

**Style 4**

- > DIN 5256 D; 90° angled tips



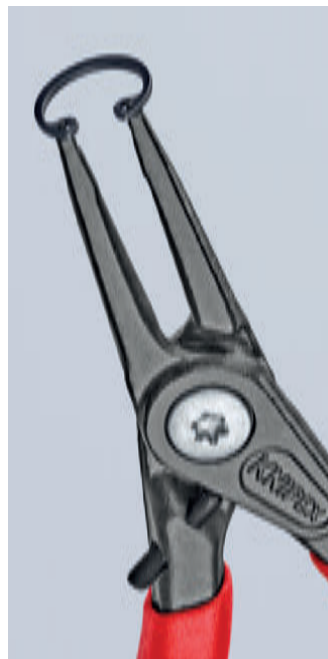
48 31 J3



48 41 J21

**KNIPEX circlip pliers with overexpansion guard**

For the standardized fitting of circlips in the industrial serial production. Particularly manufacturers of sensitive, safety-relevant components (e.g. brakes or gears) highly appreciate the compliance of DIN 471 and 472. The mounting of circlip rings in this case requires pliers with overexpansion guard or a cone. KNIPEX Circlip Pliers with overexpansion guard meet the requirements and furthermore offer a superior durability.



Article No.	EAN 4003773-	↔ mm		Style	Pliers	Handles	Size of bore Ø mm	Tips Ø mm	△ g
48 31 J0	079552	140	C	3	grey atramentized	with non-slip plastic coating	8 – 13	0.9	105
48 31 J1	073864	140		3			12 – 25	1.3	105
48 31 J2	073871	180		3			19 – 60	1.8	175
48 31 J3	073888	225		3			40 – 100	2.3	266
48 41 J01	079569	130	90° C	4	grey atramentized	with non-slip plastic coating	8 – 13	0.9	105
48 41 J11	079576	130		4			12 – 25	1.3	105
48 41 J21	080695	165		4			19 – 60	1.8	175
48 41 J31	079590	210		4			40 – 100	2.3	265

# Precision Circlip Pliers

for external circlips on shafts



- ▶ Heavy duty in continuous operation: up to 10 times longer service life compared to turned tips
- ▶ With inserted tips for reliable work

- > Large contact faces on the tips: no distortion of circlips, easy fitting
- > Bolted joint: precise, zero backlash operation of pliers
- > Internal opening spring, protected and captive
- > Non-slip plastic coating on the handles
- > Precise, smoothly-operating screw joint
- > Slim head style allows use in confined areas
- > Handles with non-slip plastic coating
- > Inserted tips: spring steel wire, drawn
- > Pliers body: chrome vanadium electric steel, forged, oil-hardened

**Style 1**

> DIN 5254 A; straight tips

**Style 2**

> DIN 5254 B; 90° angled tips



49 11 A2



49 21 A21

**High precision quality**

Easy and reliable assembly: form-fitting inserted and pressed-in tips made of high-density spring steel offer a high level of protection against excessive stress and strain, e.g. when removing stuck rings. The large supporting surfaces and the position of the tips make it more difficult for the rings to bounce off.

**KNIPEX circlip pliers with overexpansion guard**  
 For the standardized fitting of circlips in the industrial serial production. Particularly manufacturers of sensitive, safety-relevant components (e.g. brakes or gears) highly appreciate the compliance of DIN 471 and 472. The mounting of circlip rings in this case requires pliers with overexpansion guard or a cone. KNIPEX Circlip Pliers with overexpansion guard meet the requirements and furthermore offer a superior durability.



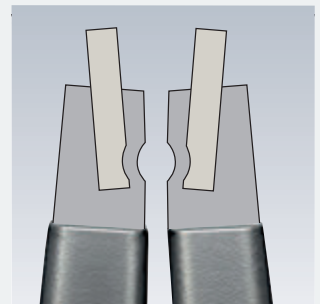
Spring inside the joint: the spring is protected inside the precisely bolted joint. It does not hinder work and cannot get dirty or lost.



KNIPEX Precision Circlip Pliers: fit circlips without distortion; easy and quick assembling



Sturdy, inserted tips: made from high-density spring steel



Tight fit through compression

Article No.	EAN 4003773-	↔ mm		Style	Pliers	Handles	Size of shaft Ø mm	Tips Ø mm	⚖ g
49 11 A0	048718	140	MM ○	1	grey atramentized	with non-slip plastic coating	3 – 10	0.9	101
49 11 A1	048725	140		1			10 – 25	1.3	100
49 11 A2	048732	180		1			19 – 60	1.8	170
49 11 A3	048749	225		1			40 – 100	2.3	270
49 11 A4	048756	320		1			85 – 140	3.2	599
49 21 A01	048817	130	90° MM ○	2	grey atramentized	with non-slip plastic coating	3 – 10	0.9	100
49 21 A11	048824	130		2			10 – 25	1.3	102
49 21 A21	048831	165		2			19 – 60	1.8	169
49 21 A31	048848	210		2			40 – 100	2.3	272
49 21 A41	048855	305		2			85 – 140	3.2	601

- ▶ With overstretching limiter
- ▶ For all circlips with a diameter of 3 – 100 mm

- > With overstretching limiter for standardized assembly according to DIN 471
- > The adjustable stop screw prevents overexpansion
- > Adjustment using hexagonal screw
- > Ideal for series production as excessive expansion of rings is effectively prevented

### Style 3

- > DIN 5254 A; straight tips, with overstretching limiter for standardized assembly according to DIN 471: the adjustable stop screw prevents overexpansion

### Style 4

- > 90° angled tips; with overstretching limiter for standardized assembly in accordance with DIN 471; the adjustable stop screw prevents the rings from overstretching



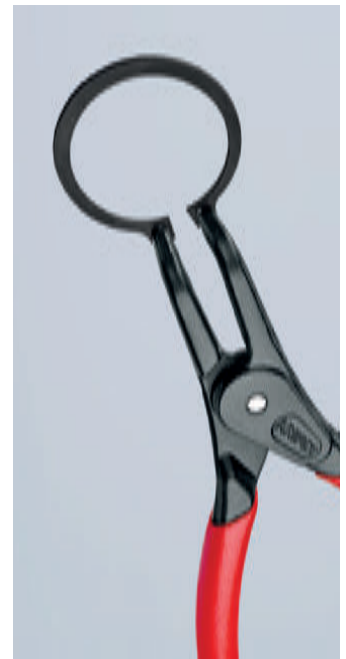
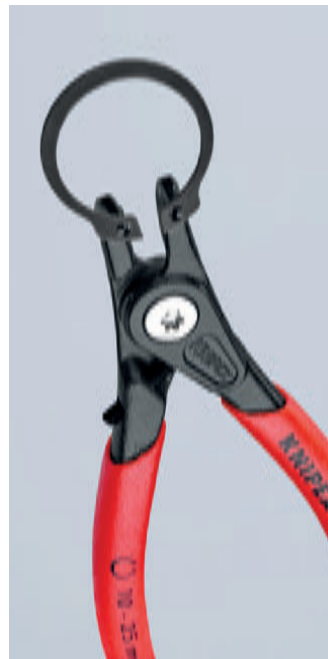
49 31 A0



49 41 A01

#### KNIPEX circlip pliers with overexpansion guard

For the standardized fitting of circlips in the industrial serial production. Particularly manufacturers of sensitive, safety-relevant components (e.g. brakes or gears) highly appreciate the compliance of DIN 471 and 472. The mounting of circlip rings in this case requires pliers with overexpansion guard or a cone. KNIPEX Circlip Pliers with overexpansion guard meet the requirements and furthermore offer a superior durability.



Article No.	EAN 4003773-	↔ mm		Style	Pliers	Handles	Size of shaft Ø mm	Tips Ø mm	△ g
49 31 A0	061748	140	MM ○	3	grey atramentized	with non-slip plastic coating	3 – 10	0.9	103
49 31 A1	073895	140		3			10 – 25	1.3	100
49 31 A2	073901	180		3			19 – 60	1.8	170
49 31 A3	073918	225		3			40 – 100	2.3	270
49 41 A01	061755	130	∠90° MM ○	4	grey atramentized	with non-slip plastic coating	3 – 10	0.9	102
49 41 A11	079606	130		4			10 – 25	1.3	102
49 41 A21	079613	165		4			19 – 60	1.8	169
49 41 A31	079620	210		4			40 – 100	2.3	272

## Circlip Pliers

### for large internal circlips

- > With locking device, can be released
- > With replaceable tips made of tempered steel
- > Black powder-coated
- > Pliers body: rolled steel, high-strength
- > Tips: special tool steel, oil-hardened

#### Style 1

- > DIN 5256 C, straight tips

#### Style 2

- > DIN 5256 D; 90° angled tips



44 10 J5



44 20 J61

Article No.	EAN 4003773-	↔ mm		Style	Pliers	Size of bore Ø mm	Tips Ø mm	△ g
44 10 J5	024910	570	○	1	black powder-coated	122 – 300	3.5	1738
44 10 J6	024927	580		1		252 – 400	4.5	1755
44 20 J51	024958	590	∠90° ○	2	black powder-coated	122 – 300	3.5	1803
44 20 J61	024965	600		2		252 – 400	4.5	1723
44 19 J5	024934	1 pair of spare tips for 44 10 J5						
44 19 J6	024941	1 pair of spare tips for 44 10 J6						
44 29 J51	024972	1 pair of spare tips for 44 20 J51						
44 29 J61	024989	1 pair of spare tips for 44 20 J61						

## Circlip Pliers

### for large external circlips

- > With locking device, can be released
- > With replaceable tips made of tempered steel
- > Black powder-coated
- > Pliers body: rolled steel, high-strength
- > Tips: special tool steel, oil-hardened

#### Style 1

- > DIN 5254 A; straight tips

#### Style 2

- > DIN 5254 B; 90° angled tips



46 10 A5



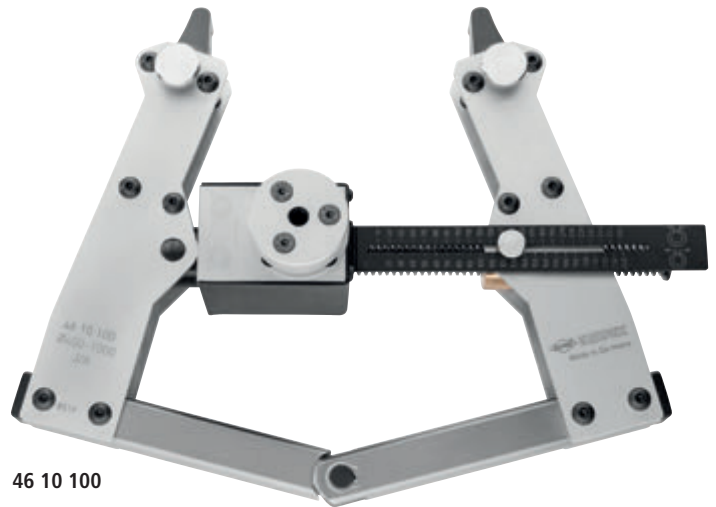
46 20 A51

Article No.	EAN 4003773-	↔ mm		Style	Pliers	Size of shaft Ø mm	Tips Ø mm	△ g
46 10 A5	024996	560	○	1	black powder-coated	122 – 300	3.5	1773
46 10 A6	025009	570		1		252 – 400	4.5	1795
46 20 A51	025023	570	∠90° ○	2	black powder-coated	122 – 300	3.5	1832
46 20 A61	025030	580		2		252 – 400	4.5	1826
46 19 A5	024316	1 pair of spare tips for 46 10 A5						
46 19 A6	025016	1 pair of spare tips for 46 10 A6						
46 29 A51	025047	1 pair of spare tips for 46 20 A51						
46 29 A61	025054	1 pair of spare tips for 46 20 A61						

# Circlip Tool

for internal and external circlips up to 1,000 mm nominal size

- > Universally usable for large circlips with diameters of 400 – 1000 mm
- > Reliable opening and closing of the circlips and holding by self-locking precision spindle drive
- > For fitting and removing circlips
- > Circlips are reliably caught thanks to short, direct attachment
- > Replaceable tips having working ends with diameters of 6 and 9 mm, for perfect adaption to the handling bores in the circlips
- > Optional operation by hand, with Allen key, ratchet wrench or cordless screwdriver
- > Areas of application are heavy engines where very high forces and torques are transmitted with large shafts and bearings , e.g. wind turbines, tidal power stations, generator construction, hydropower stations, large machine construction (rolling mills, presses), shipbuilding, aerospace
- > Tool in a plastic case with foam insert
- > Tip material: chrome-vanadium electric steel



Manually operable



Automated or manual operation



Replaceable inserts for internal and external circlips



Article No.	EAN 4003773-		Size of bore Ø mm	Size of shaft Ø mm	⚖ g
46 10 100	075417	○ ○	400 – 1000	400 – 1000	2200
46 19 100 01	084549	Spare tips 6 mm			
46 19 100 02	084556	Spare tips 9 mm			

## Special Retaining Ring Pliers



### for retaining rings on shafts

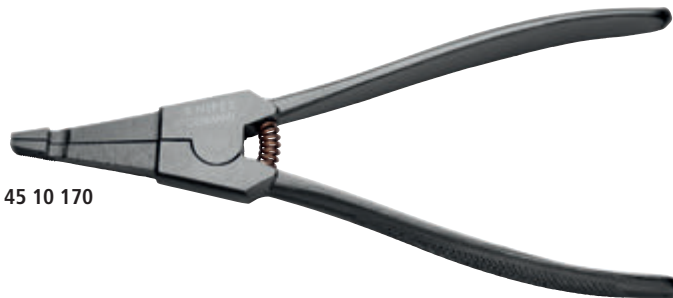
- > For fitting horseshoe-shaped spring retaining rings and circlips without grip holes
- > For shaft retaining devices
- > With opening spring
- > Chrome vanadium electric steel, forged, oil-hardened

#### 45 10 170

- > For retaining rings with a minimum ring split gap of 3.6 mm

#### 45 21 200

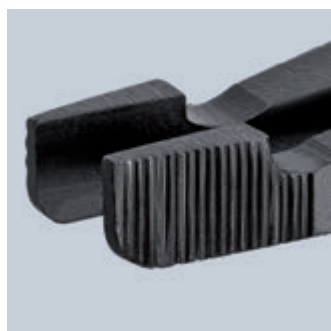
- > Angled jaws with centering hole; for snap rings larger than 12.0 mm dia., e.g. for securing cardan shafts in a motor vehicle; minimum ring split gap of the rings 2.2 mm



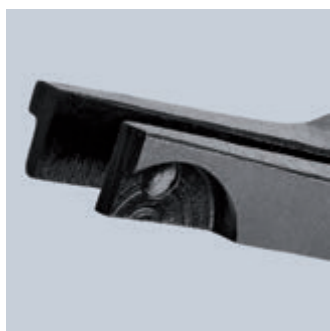
45 10 170



45 21 200



45 10 170



45 21 200



45 21 200

Article No.	EAN 4003773-	↔ mm		Pliers	Handles	△ g
45 10 170	017370	170	MM ○	burnished		156
45 21 200	031208	200	∠30° MM ○	burnished	plastic coated	186

## Circlip Pliers

### for grip rings on shafts



- > For fitting grip rings on shafts from 1.5 – 30 mm dia.
- > With opening spring
- > Solid style, forged
- > Non-slip, solid tips
- > Pliers body and tips: chrome vanadium steel, forged, oil-hardened

#### 46 11 G0

- > For rings of 1.5 - 4.0 mm dia., with adjustable stop screw to prevent overstretching



46 11 G0



46 11 G1

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Size of shaft Ø mm	Tips Ø mm	△ g
46 11 G0	047896	140	MM	black atramentized	polished	plastic coated	1.5 – 4.0	0,9	87
46 11 G1	031062	140	MM	black atramentized	polished	plastic coated	4.0 – 7.0	1,3	85
46 11 G2	031079	140					5.0 – 13.0	1,3	85
46 11 G3	031086	140					14.0 – 18.0	1,3	86
46 11 G4	031093	180					20.0 – 30.0	1,8	134

# Set of Circlip Pliers

Compactly packed: four-piece circlip plier sets in practical roll-up bag

- > Tool roll made of hard-wearing polyester fabric
- > With practical, adjustable quick release fastener
- > Dimensions, open (L x H): 315 x 275 mm



00 19 56



00 19 57



00 19 56 V01



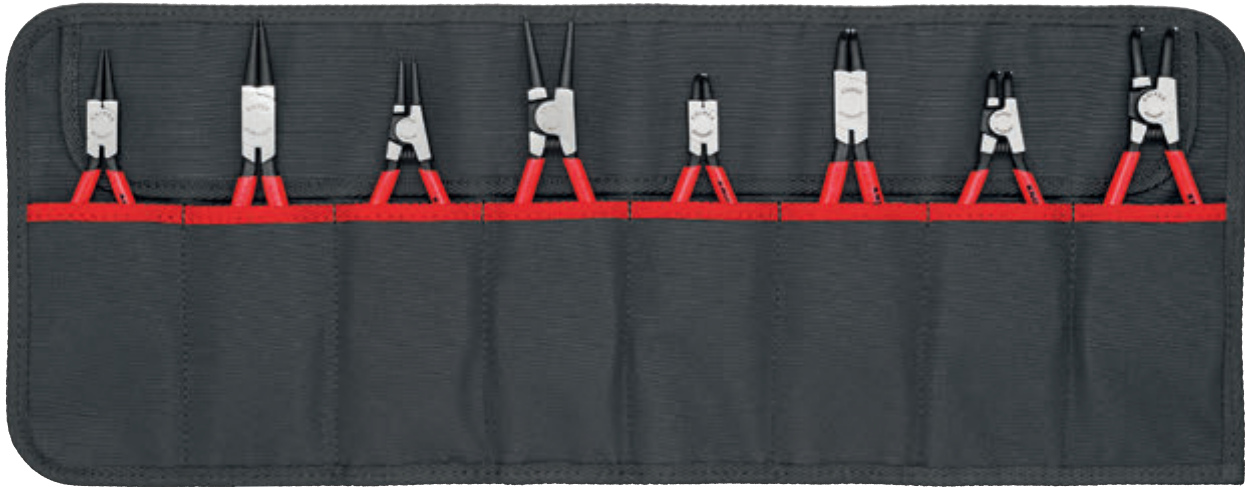
00 19 57 V01

Article No.	EAN			Style	Capacity Ø mm	Tips Ø mm	Number	g
00 19 56	4003773-030973		Circlip Pliers Set, 4 parts					670
		⊙	44 11 J2	Circlip Pliers for internal circlips in bore holes	straight tips	19 – 60	1.8	1
		⊙ ∠90°	44 21 J21		angled tips	19 – 60	1.8	1
		⊙ /MM	46 11 A2	Circlip Pliers for external circlips on shafts	straight tips	19 – 60	1.8	1
		⊙ ∠90° /MM	46 21 A21		angled tips	19 – 60	1.8	1
00 19 56 V01	081548		Circlip Pliers Set, 4 parts					615
		⊙	44 11 J1	Circlip Pliers for internal circlips in bore holes	straight tips	12 – 25	1.3	1
		⊙	44 11 J2			19 – 60	1.8	1
		⊙ /MM	46 11 A1	Circlip Pliers for external circlips on shafts		10 – 25	1.3	1
		⊙ /MM	46 11 A2			19 – 60	1.8	1
00 19 57	050056		Precision Circlip Pliers Set, 4 parts					665
		⊙	48 11 J1	Precision Circlip Pliers for internal circlips in bore holes	straight tips	12 – 25	1.3	1
		⊙	48 11 J2			19 – 60	1.8	1
		⊙ /MM	49 11 A1	Precision Circlip Pliers for external circlips on shafts		10 – 25	1.3	1
		⊙ /MM	49 11 A2			19 – 60	1.8	1
00 19 57 V01	081555		Precision Circlip Pliers Set, 4 parts					871
		⊙	48 11 J2	Precision Circlip Pliers for internal circlips in bore holes	straight tips	19 – 60	1.3	1
		⊙ ∠90°	48 21 J21		bent tips	19 – 60	1.8	1
		⊙ /MM	49 11 A2	Precision Circlip Pliers for external circlips on shafts	straight tips	19 – 60	1.3	1
		⊙ ∠90° /MM	49 21 A21		bent tips	19 – 60	1.8	1
00 19 56 LE	035954		Tool Roll, empty, 4 compartments					171

## Set of Circlip Pliers

Handy storage: eight-piece range  
in space-saving roll-up bag

- > Tool roll made of hard-wearing polyester fabric
- > With practical, adjustable quick release fastener
- > Dimensions, open (L x H): 610 x 240 mm



00 19 58 V01



00 19 58 V02

Article No.	EAN		Style	Capacity Ø mm	Tips Ø mm	Number	g	
00 19 58 V01	4003773-081562		Circlip Pliers Set, 8 parts				1156	
		☉	44 11 J1	Circlip Pliers for internal circlips in bore holes	straight tips	12 – 25	1.3	1
		☉	44 11 J2		angled tips	19 – 60	1.8	1
		☉ ∠90°	44 21 J11	Circlip Pliers for external circlips on shafts	straight tips	12 – 25	1.3	1
		☉ ∠90°	44 21 J21		angled tips	19 – 60	1.8	1
		☉ M	46 11 A1	Precision Circlip Pliers for internal circlips in bore holes	straight tips	10 – 25	1.3	1
		☉ M	46 11 A2		angled tips	19 – 60	1.8	1
		☉ ∠90° M	46 21 A11		straight tips	10 – 25	1.3	1
		☉ ∠90° M	46 21 A21		angled tips	19 – 60	1.8	1
00 19 58 V02	081579		Precision Circlip Pliers Set, 8 parts				1357	
		☉	48 11 J1	Precision Circlip Pliers for internal circlips in bore holes	straight tips	12 – 25	1.3	1
		☉	48 11 J2		angled tips	19 – 60	1.8	1
		☉ ∠90°	48 21 J11	Precision Circlip Pliers for external circlips on shafts	straight tips	12 – 25	1.3	1
		☉ ∠90°	48 21 J21		angled tips	19 – 60	1.8	1
		☉ M	49 11 A1	Precision Circlip Pliers for external circlips on shafts	straight tips	10 – 25	1.3	1
		☉ M	49 11 A2		angled tips	19 – 60	1.8	1
		☉ ∠90° M	49 21 A11		straight tips	10 – 25	1.3	1
		☉ ∠90° M	49 21 A21		angled tips	19 – 60	1.8	1
00 19 58 LE	081920		Tool Roll, empty, 8 compartments				281	

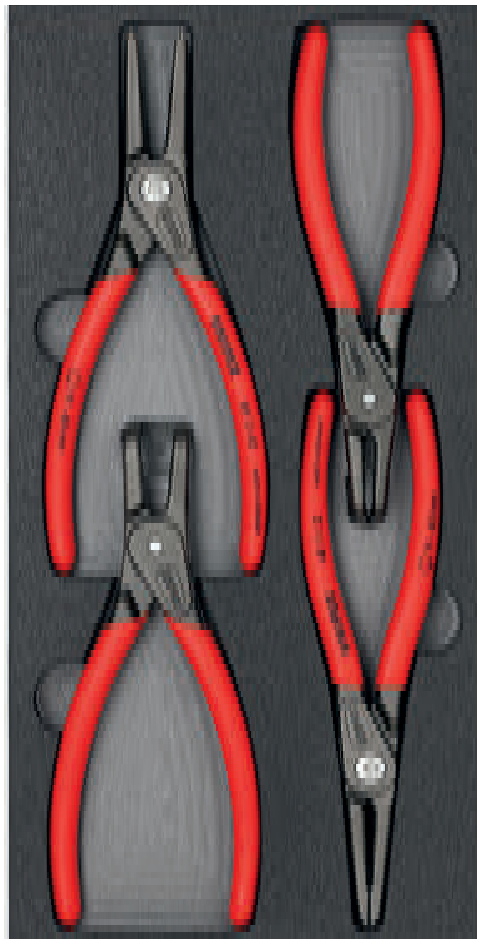
## Pliers Sets

### Ideally stored and versatile: pliers sets in matching foam insert for workbench and workshop trolley

- > In a foam tray for workbenches and tool trolleys
- > Clearly organised storage of tools
- > Precisely-sized recesses for holding the pliers
- > Foam tray dimensions (W x H x D): 335 x 165 x 33 mm
- > Material: two colour, closed pore foam



00 20 01 V02 Pliers Set "SRZ"



00 20 01 V09 Pliers Set "SRZ II"

Article No.	EAN				Number	g
00 20 01 V02	4003773-069652			Pliers Set "SRZ", six precision circlip pliers in a foam tray		915
		⊙	48 11 J1	Precision Circlip Pliers for internal circlips in bore holes	1	
		⊙	48 11 J2		1	
		⊙ $\angle 90^\circ$	48 21 J21		1	
		⊙ $\overline{\text{MM}}$	49 11 A1	Precision Circlip Pliers for external circlips on shafts	1	
		⊙ $\overline{\text{MM}}$	49 11 A2		1	
		⊙ $\overline{\text{MM}} \angle 90^\circ$	49 21 A21		1	
00 20 01 V09	073291			Pliers Set "SRZ II", four precision circlip pliers in a foam tray		820
		⊙	48 11 J2	Precision Circlip Pliers for internal circlips in bore holes	1	
		⊙ $\angle 90^\circ$	48 21 J21		1	
		⊙ $\overline{\text{MM}}$	49 11 A2	Precision Circlip Pliers for external circlips on shafts	1	
		⊙ $\overline{\text{MM}} \angle 90^\circ$	49 21 A21		1	

## Precision Circlip Pliers Set

- > Attractive sales packaging with Euro standard perforation
- > Contains common Precision Circlip Pliers for highest requirements
- > Sturdy plastic packaging, also suitable for storage of the pliers



00 20 03 SB

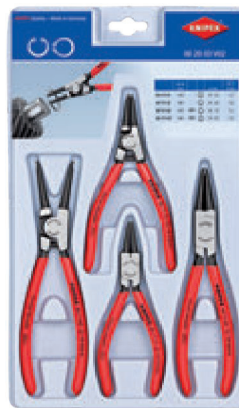


00 20 04 SB

Article No.	EAN 4003773-			Style	Capacity Ø mm	Tips Ø mm	Quantity	g
<b>00 20 03 SB</b>	050100		Precision Circlip Pliers Set, 4 parts					685
			48 11 J1 Precision Circlip Pliers, for internal circlips in bore holes	straight tips	12 – 25	1.3	1	
			48 11 J2 Precision Circlip Pliers, for internal circlips in bore holes		19 – 60	1.8	1	
			49 11 A1 Precision Circlip Pliers, for external circlips on shafts	straight tips	10 – 25	1.3	1	
			49 11 A2 Precision Circlip Pliers, for external circlips on shafts		19 – 60	1.8	1	
<b>00 20 04 SB</b>	062417		Precision Circlip Pliers Set, 8 parts					
			48 11 J1 Precision Circlip Pliers, for internal circlips in bore holes	straight tips	12 – 25	1.3	1	
			48 11 J2 Precision Circlip Pliers, for internal circlips in bore holes		19 – 60	1.8	1	
			49 11 A1 Precision Circlip Pliers, for external circlips on shafts	straight tips	10 – 25	1.3	1	
			49 11 A2 Precision Circlip Pliers, for external circlips on shafts		19 – 60	1.8	1	
			48 21 J11 Precision Circlip Pliers, for internal circlips in bore holes	angled tips	12 – 25	1.3	1	
			48 21 J21 Precision Circlip Pliers, for internal circlips in bore holes		19 – 60	1.8	1	
			49 21 A11 Precision Circlip Pliers, for external circlips on shafts	angled tips	12 – 25	1.3	1	
			49 21 A21 Precision Circlip Pliers, for external circlips on shafts		19 – 60	1.8	1	

## Set of Circlip Pliers

- > Attractive sales packaging with Euro standard perforation
- > Contains common Circlip Pliers for internal and external circlips
- > Sturdy plastic packaging, also suitable for storage of the pliers



00 20 03 V02



00 20 04 V01

Article No.	EAN 4003773-			Style	Capacity Ø mm	Tips Ø mm	Quantity	g
<b>00 20 03 V02</b>	077640		Set of Circlip Pliers, 4 parts					450
			44 11 J1 Circlip Pliers, for internal circlips in bore holes	straight tips	12 – 25	1.3	1	
			44 11 J2 Circlip Pliers, for internal circlips in bore holes		19 – 60	1.8	1	
			46 11 A1 Circlip Pliers, for external circlips on shafts	straight tips	10 – 25	1.3	1	
			46 11 A2 Circlip Pliers, for external circlips on shafts		19 – 60	1.8	1	
<b>00 20 04 V01</b>	077633		Set of Circlip Pliers, 8 parts					890
			44 11 J1 Circlip Pliers, for internal circlips in bore holes	straight tips	12 – 25	1.3	1	
			44 11 J2 Circlip Pliers, for internal circlips in bore holes		19 – 60	1.8	1	
			46 11 A1 Circlip Pliers, for external circlips on shafts	straight tips	10 – 25	1.3	1	
			46 11 A2 Circlip Pliers, for external circlips on shafts		19 – 60	1.8	1	
			44 21 J11 Circlip Pliers, for internal circlips in bore holes	angled tips	12 – 25	1.3	1	
			44 21 J21 Circlip Pliers, for internal circlips in bore holes		19 – 60	1.8	1	
			46 21 A11 Circlip Pliers, for external circlips on shafts	angled tips	10 – 25	1.3	1	
			46 21 A21 Circlip Pliers, for external circlips on shafts		19 – 60	1.8	1	

## Tool Box "SRZ" Precision Circlip Pliers

Well fixed, safely transported:  
Extensive range in handy case

- > High-quality, impact-resistant plastic case
- > Contains common Precision Circlip Pliers for highest requirements
- > Precisely-sized recesses for holding the pliers
- > Clearly organised storage of tools
- > Dimensions, exterior (W x H x D): 260 x 80 x 210 mm



Article No.	EAN			Style	Capacity Ø mm	Tips Ø mm	Number	△ g
00 21 25	4003773-050131		Tool Box "SRZ", Precision Circlip Pliers, 8 parts					1635
		○	48 11 J1 48 11 J2	straight tips	12 – 25	1.3	1	
			Precision Circlip Pliers for internal circlips in bore holes		19 – 60	1.8	1	
		○ MM	49 11 A1 49 11 A2		10 – 25	1.3	1	
			Precision Circlip Pliers for external circlips on shafts		19 – 60	1.8	1	
		○ ∠90°	48 21 J11 48 21 J21	angled tips	12 – 25	1.3	1	
			Precision Circlip Pliers for external circlips on shafts		19 – 60	1.8	1	
		○ MM ∠90°	49 21 A11 49 21 A21		10 – 25	1.3	1	
			Precision Circlip Pliers for external circlips on shafts		19 – 60	1.8	1	

