

## Product Information

### 49 21 A01

#### 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



Ø 3 - 10 mm



#### General

Article No.	49 21 A01
EAN	4003773048817
pliers	grey atramentized
Handles	with non-slip plastic coating
Weight	100 g
Dimensions	130 x 63 x 11 mm
Standard	DIN 5254 B
REACH compliant	does not contain SVHC
RoHS compliant	not applicable

#### Technical details

Size of shaft	Ø 3 - 10 mm
Size of bore	Ø
Tips (diameter)	0.9 mm

Technical changes and errors excepted



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## Product Information

### 49 21 A11

#### 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



Ø 10 - 25 mm



#### General

Article No.	49 21 A11
EAN	4003773048824
pliers	grey atramentized
Handles	with non-slip plastic coating
Weight	102 g
Dimensions	130 x 63 x 11 mm
Standard	DIN 5254 B
REACH compliant	does not contain SVHC
RoHS compliant	not applicable

#### Technical details

Size of shaft	Ø 10 - 25 mm
Size of bore	Ø
Tips (diameter)	1.3 mm

Technical changes and errors excepted

KNIPEX Quality – Made in Germany



## Product Information

### 49 21 A21

#### 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



Ø 19 - 60 mm



#### General

Article No.	49 21 A21
EAN	4003773048831
pliers	grey atramentized
Handles	with non-slip plastic coating
Weight	169 g
Dimensions	165 x 36 x 13 mm
Standard	DIN 5254 B
REACH compliant	does not contain SVHC
RoHS compliant	not applicable

#### Technical details

Size of shaft	Ø 19 - 60 mm
Size of bore	Ø
Tips (diameter)	1.8 mm

Technical changes and errors excepted

KNIPEX Quality – Made in Germany



## Product Information

### 49 21 A31

#### 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



Ø 40 - 100 mm



#### General

Article No.	49 21 A31
EAN	4003773048848
pliers	grey atramentized
Handles	with non-slip plastic coating
Weight	272 g
Dimensions	210 x 42 x 14 mm
Standard	DIN 5254 B
REACH compliant	does not contain SVHC
RoHS compliant	not applicable

#### Technical details

Size of shaft	Ø 40 - 100 mm
Size of bore	Ø
Tips (diameter)	2.3 mm

Technical changes and errors excepted

KNIPEX Quality – Made in Germany



## Product Information

### 49 21 A41

#### 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



Ø 85 - 140 mm



#### General

Article No.	49 21 A41
EAN	4003773048855
pliers	grey atramentized
Handles	with non-slip plastic coating
Weight	601 g
Dimensions	305 x 56 x 28 mm
Standard	DIN 5254 B
REACH compliant	does not contain SVHC
RoHS compliant	not applicable

#### Technical details

Size of shaft	Ø 85 - 140 mm
Size of bore	Ø
Tips (diameter)	3.2 mm

Technical changes and errors excepted

KNIPEX Quality – Made in Germany

