

# KNIPEX TwinGrip Slip Joint Pliers

The all-purpose solution for stuck workpieces, such as bolts and screws

- ▶ Unique combination: Front grip and side grip function, box-joint, push-button adjustment
- ▶ Very slim pliers let you work even in confined installation spaces with a narrow turning zone for fast results
- ▶ High-grip front jaw with robust teeth and high gear ratio at the tip of the mouth
- > Large front and side gripping capacity for diameters and widths across flats 4 - 22 mm
- > Reliable front gripping of flat workpieces due to the three-point system
- > Gripping, tightening and loosening screws with worn heads and threads
- > Five-way adjustable slip joint with push-button adjustment for precise adjustment of gripping capacity
- > Pinch stop reduces the risk of crushed fingers
- > Durable and resilient due to the robust box-joint
- > Forged from high-grade chrome vanadium electric steel, oil-hardened, teeth additionally induction-hardened to approx. 61 HRC



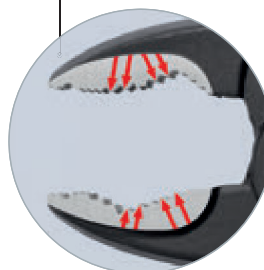
82 01 200



82 02 200



Comfortable and reliable: The push-button adjusts the gripping capacity in five steps directly on the workpiece and then locks securely – no accidental loss of adjustment!



Optimised jaw geometry: 2-zone gripping jaw with opposing alignment of teeth – for maximum grip when loosening and tightening.



The KNIPEX TwinGrip allows the gripping capacity to be set flexibly in five positions...



...and the position to be changed quickly at the touch of a button!



The box-joint is robust and flexible, so that the pliers can hold workpieces between 4 and 22 mm in place.

Article no.	EAN	↔ mm	Pliers	Head	Handles	Adjustment positions	∅ Inch	∅ mm	∞ Inch	∞ mm	g
82 01 200	087243	200	black atramentized	polished	with non-slip plastic coating	5	5/32 - 7/8	4 - 22	5/32 - 7/8	4 - 22	270
82 01 200 SB	087571	200				5	5/32 - 7/8	4 - 22	5/32 - 7/8	4 - 22	270
82 02 200	087250	200			with multi-component grips	5	5/32 - 7/8	4 - 22	5/32 - 7/8	4 - 22	280
82 02 200 SB	087588	200				5	5/32 - 7/8	4 - 22	5/32 - 7/8	4 - 22	280

KNIPEX TwinGrip – Slip Joint Pliers

# Front or sideways – they grab them all

Flexible. Handy. Strong.



Serrated gripping surfaces along the longitudinal axis of the pliers make it possible to grip worn bolts and screws tightly from the front



## Multiple Slip Joint Spanner PATENTED

- > For metric and imperial nuts and screws with widths across flats from 10 to 32 mm (3/8" up to 1 1/4"); self-locking from 17 mm: no slipping on the workpiece
- > Zero-backlash gripping of metric or imperial hexagonal headed screws, no rounding of bolt heads
- > Reliable and tight gripping of rounded, rusty, or thick coated bolts and screws
- > Ideal for work on vehicle brake systems
- > Quick tightening of bolted connections using ratchet action
- > Push the button for adjustment on the workpiece, also possible with one hand only
- > Fine adjustment for optimum adaptation to different sizes of workpieces and a comfortable handle width
- > Box-joint design for high stability due to double guide
- > Reliable catching of the hinge bolt: no unintentional shifting
- > Favourable lever action: optimum transmission of force
- > Pinch guard prevents operators' fingers being pinched
- > Replaces a set of wrenches, ideal for tightening locknuts
- > Chrome vanadium electric steel, forged, multi stage oil-hardened



87 41 250



Self-locking: no slip on workpieces; less effort required



In operation on rusted nut with rounded edges

The Raptor Pliers combines the convenience of the comfortable push-button adjustment on the workpiece and the function of an all-purpose tightening tool. Jaw gripping with zero backlash prevents slipping on the bolt head or rounding edges. Even rusty or thick coated bolted connections which have no surfaces capable of being gripped reliably by a conventional spanner can be managed by the exceptionally powerful closing gripping jaws of this spanner.



Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	⬡ Inch	⬡ mm	Adjustment positions	⚖ g
87 41 250	054566	250	◁	grey atramentized	polished	with non-slip plastic coating	3/8 - 1 1/4	10 - 32	15	328

## KNIPEX SmartGrip® PATENTED

### Water Pump Pliers with automatic adjustment

- > Ideal for frequent changeovers to workpieces of different sizes
- > Automatic adjustment per one-hand operation both for right-handed and left-handed use
- > Good access to the workpiece thanks to the slim dimensions of head and joint area and flush joint bolt
- > Self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
- > Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
- > Box-joint design for high stability due to double guide
- > Pinch guard prevents operators' fingers being pinched
- > Locking lever for space saving transport with reliable closed handles
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 8976



85 01 250

Adjustment to suit the workpiece is automatic with the KNIPEX SmartGrip®!

Place the outer jaw on the workpiece, squeeze the handles – turn!



Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	⊙ Inch	⊙ mm	⬡ mm	⚖ g
85 01 250	061304	250	◁	grey atramentized	polished	with non-slip plastic coating	1 1/4	32	36	370

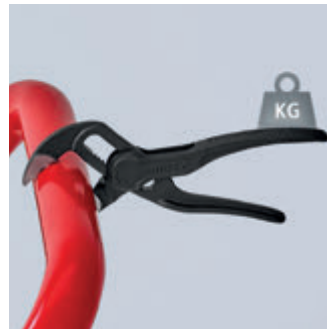
# KNIPEX Cobra® XS

PATENTED

- ▶ Optimum access in the narrowest spaces: an especially compact design with a very slim head
  - ▶ Single-handed fine adjustment by sliding for optimal fitting to various workpiece sizes
  - ▶ Long-lasting secure grip ensured by high wear resistance
- > Gripping capacity Ø 28 mm, width across flats up to 24 mm – at only 100 mm length
  - > Box joint: high quality and durability provided by dual guide
  - > Gripping surfaces with specially hardened teeth, hardness approx. 60 HRC
  - > Self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
  - > Pinch guard prevents operators' fingers being pinched
  - > Fine adjustment with 11 adjustment positions
  - > DIN ISO 8976



87 00 100



Self-locking and durable – all part of genuine KNIPEX water pump pliers



Naked truth: The grips are not coated to keep them as slim as possible. To ensure good grip, they are texturised on the outside



Article No.	EAN	↔ mm	Pliers	Head	Handles	Ø Inch	Ø mm	Hex mm	Adjustment positions	g
87 00 100	4003773-085836	100	grey atramentized	polished	embossed, rough surface	1	28	24	11	62

# KNIPEX Cobra®

## Hightech Water Pump Pliers

- > Push the button for adjustment on the workpiece
- > Fine adjustment for optimum adaptation to different sizes of workpieces and a comfortable handle width
- > Self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
- > Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
- > Box-joint design for high stability due to double guide
- > Reliable catching of the hinge bolt: no unintentional shifting
- > Pinch guard prevents operators' fingers being pinched
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 8976

### 87 02 250 / 87 02 250 T / 87 05 250

- > With slim multi-component grips without collar for better handling and easier transport

### 87 02 180 T / 87 02 250 T / 87 02 300 T\*

- > Pliers with tether attachment point for mounting a fall protection

**KNIPEX Cobra® – the Hightech Water Pump Pliers.**

No more time-consuming presetting of the required opening size. Just position the upper jaw to the workpiece, push button and move close the lower jaw, ingeniously simple.



87 01 125



87 01 250



87 01 300



87 02 180



87 02 250 T



87 03 250



87 05 250



Fine adjustment by pushing a button: fast and comfortable



Fast and firm adjustment directly on the workpiece



Teeth set against the direction of rotation have a self-locking effect and prevent slipping on the workpiece.



Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	∅ Inch	∅ mm	mm	Adjustment positions	Δ g
87 00 100	085836	100		grey atramentized	polished	embossed, rough surface	1	28	24	11	62
87 01 125	069935	125		grey atramentized	polished	with non-slip plastic coating	1	27	27	13	85
87 01 150	060116	150		grey atramentized	polished	with non-slip plastic coating	1 1/4	32	30	11	145
87 01 180	022015	180		grey atramentized	polished	with non-slip plastic coating	1 1/2	42	36	18	170
87 01 250	022022	250		grey atramentized	polished	with non-slip plastic coating	2	50	46	25	335
87 01 300	034087	300		grey atramentized	polished	with non-slip plastic coating	2 3/4	70	60	30	530
87 02 180	042396	180		grey atramentized	polished	with multi-component grips	1 1/2	42	36	18	196
87 02 180 T	080145	180		grey atramentized	polished	with multi-component grips, with integrated tether attachment point for a tool tether	1 1/2	42	36	18	200
87 02 250	040316	250		grey atramentized	polished	with slim multi-component grips	2	50	46	25	366
87 02 250 T	080152	250		grey atramentized	polished	with multi-component grips, with integrated tether attachment point for a tool tether	2	50	46	25	370
87 02 300	029144	300		grey atramentized	polished	with multi-component grips	2 3/4	70	60	30	580
87 02 300 T	080169	300		grey atramentized	polished	with multi-component grips, with integrated tether attachment point for a tool tether	2 3/4	70	60	30	600
87 03 125	073949	125		verchromt	verchromt	with non-slip plastic coating	1	25	27	13	85
87 03 180	005667	180		verchromt	verchromt	with non-slip plastic coating	1 1/2	42	36	18	175
87 03 250	043805	250		verchromt	verchromt	with non-slip plastic coating	2	50	46	25	335
87 03 300	041382	300		verchromt	verchromt	with non-slip plastic coating	2 3/4	70	60	30	530
87 05 250	005681	250		verchromt	verchromt	with slim multi-component grips	2	50	46	25	366
87 05 300	014126	300		grey atramentized	polished	with multi-component grips	2 3/4	70	60	30	580
87 09 125	074151	Assortment of spare parts for adjustment for 86 / 87-125									
87 09 150	074168	Assortment of spare parts for adjustment for 87 150									
87 09 180	034360	Range of spare parts adjustment for 87 180									

## Protective jaws

### 3 pairs of smooth plastic protective jaws for the KNIPEX Cobra® 87 XX 180 / 250 / 300, updated models

- ▶ Ideal for protecting round workpieces from marring or scratching
- > The protective jaws prevent damage by covering all of the teeth on the tool
- > Easily and reliably fitted to the gripping jaws and firmly holds in place
- > Smooth gripping surfaces (no teeth)
- > Set consists of 3 pairs of plastic protective jaws



You can identify the updated models i.a. by the curved adjustment area.

Article no.	EAN 4003773-	Description	Δ g
87 09 180 V01	088066	3 pairs of plastic jaws for all 87 XX 180 mm models (models from 2010)	37
87 09 250 V01	088073	3 pairs of plastic jaws for all 87 XX 250 mm models (models from 2007)	40
87 09 300 V01	088080	3 pairs of plastic jaws for all 87 XX 300 mm models (models from 2008)	58

# KNIPEX Cobra® XL / XXL

## Water Pump Pliers

- > Greater gripping capacity but much lower weight than comparable pipe wrenches
- > Fast push-button adjustment directly on the workpiece, no unintentional slipping of the joint
- > Fine adjustment for optimum adaptation to different sizes of workpieces and a comfortable handle width
- > Self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
- > Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
- > Box-joint design for high stability due to double guide
- > Pinch guard prevents operators' fingers being pinched
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 8976



87 01 400

87 01 560



**KNIPEX Cobra® XL**  
length 400 mm – weight 1195 g

**gripping a union nut of a 2" pipe fitting**  
large gripping capacity of 95 mm,  
would require a 3-inch pipe wrench



smaller dimensions and less weight than 1 1/2" pipe wrenches

**2" pipe wrench**  
length 560 mm – weight 2670 g



gripping the 2" union nut exceeds the capacity of a 2" pipe wrench; no confident working conditions

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	∅ Inch	∅ mm	mm	Adjustment positions	⚖ g
87 01 400	005636	400		grey atramentized	polished	plastic coated	3 1/2	90	95	27	1195
87 01 560	044321	560		grey atramentized	polished	plastic coated	4 1/2	115	120	20	2780
87 09 400	034391	Range of spare parts adjustment for 87 400									
87 09 560	049845	Range of spare parts adjustment for 87 560									

# KNIPEX Cobra® Set

## 5-piece

- > High-quality roll-up bag made from durable polyester fabric
- > With hook-and-loop fastener
- > Equipped with KNIPEX Cobra® high-tech water pump pliers in five different lengths from 125 to 300 mm
- > Dimensions, open (L x H): 430 x 325 mm



00 19 55 55

Article No.	EAN			Quantity	g
00 19 55 55	4003773-082613		Cobra® Set, 5-piece		1575
			87 01 125	1	
			87 01 150	1	
			87 01 180	1	
			87 01 250	1	
			87 01 300	1	
00 19 55 55 LE	082620		Roll-up case for pliers wrenches, empty		260

# KNIPEX Cobra®...matic

## Water Pump Pliers

- > All features of the KNIPEX Cobra® 87 01 250
- > Automatic adjustment at the touch of a button directly on the workpiece
- > The sheltered positioned spring ensures that the pliers close automatically once the push-button is activated (one-hand operation!)
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 8976



87 11 250



Article No.	EAN	↔ mm		Pliers	Head	Handles	∅ Inch	∅ mm	∅ mm	Adjustment positions	g
87 11 250	035473	250		grey atramentized	polished	with non-slip plastic coating	2	50	46	25	335
87 19 250	022640	Spare spring for 87 11 250									

# KNIPEX Cobra® QuickSet

PATENTED

## Hightech Water Pump Pliers

- ▶ Fully open, push, grab!
- ▶ Additional fast adjustment on the workpiece by sliding the pliers handle
- > Combines the proven, reliable locking of the hinge bolt with an additional push function which makes it easier to work in very confined and inaccessible areas
- > The adjustment directly on the workpiece is possible by simply sliding the pliers handle
- > Reliable locking of the hinge bolt with the first workload. The gripping width of the pliers is then fixed and can only be adjusted by pressing the button
- > To re-activate the sliding function, the hinge bolt must be released by pressing the push button and the pliers must be completely opened again
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 8976



87 21 250



87 22 250

The KNIPEX Cobra® QuickSet combines all proven properties of the KNIPEX Cobra® with an additional push on function which makes it easier to work in very confined and inaccessible areas.

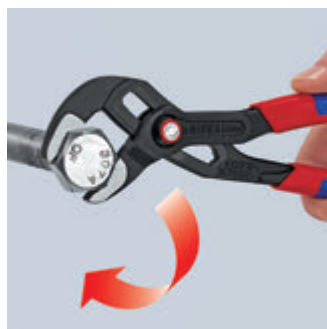
Adjustment directly on the workpiece is possible by simply sliding the pliers handle. The hinge bolt locks itself with the first workload. The gripping width of the pliers is then fixed and can only be adjusted by pressing the button. The hinge bolt must be released by pressing the button and the pliers must be completely opened once to activate the QuickSet function again.



Press the button – open pliers completely



Position jaw – simply slide and close pliers



Hinge bolt locks itself with the first workload



Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	∅ Inch	∅ mm	∅ mm	Adjustment positions	g
87 21 250	072775	250		grey atramentized	polished	with non-slip plastic coating	2	50	46	25	335
87 21 300	078524	300		grey atramentized	polished	with non-slip plastic coating	2 3/4	70	60	25	530
87 22 250	077794	250		grey atramentized	polished	with slim multi-component grips	2	50	46	25	366
87 29 01	079002	range of spare parts for 87 2x-250									
87 29 300	084570	range of spare parts for 87 21 300									

# KNIPEX Cobra® VDE

## Hightech Water Pump Pliers, insulated

- > Adjustment by shifting one jaw directly on to the workpiece: fast, reliable and comfortable handling
- > Fine adjustment: allows optimum adjustment to differently sized workpieces and comfortable handle position
- > Good access to the workpiece due to slim size of head and joint area
- > Self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
- > Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
- > Box-joint design for high stability due to double guide
- > Pinch guard prevents operators' fingers being pinched
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 8976, DIN EN 60900, IEC 60900



87 26 250



87 26 250 T

The adjustment action to adapt to the workpiece is easy and reliable with the KNIPEX Cobra® VDE: place the upper gripping jaw of the opened pliers on the workpiece, push pliers to close, done!

### 87 26 250 T\*

- > Pliers with tether attachment point for mounting a fall protection

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	∅ Inch	∅ mm	Hex mm	Adjustment positions	⚖ g
87 26 250	071495	250		chrome plated	chrome plated	insulated with multi-component grips, VDE-tested	2	50	46	24	340
87 26 250 T	081517	250		chrome plated	chrome plated	insulated with multi-component grips, VDE-tested with integrated insulated tether attachment point for a tool tether	2	50	46	24	400
87 29 01	079002	range of spare parts for 87 2x-250									

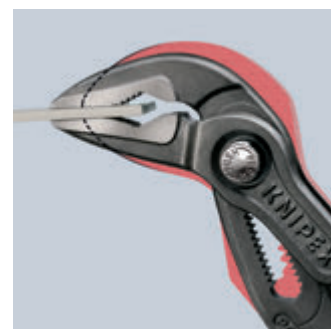
# KNIPEX Cobra® ES

## Water Pump Pliers extra-slim

- > Ideal for service, maintenance and equipment repair, in automotive and general industry
- > Long, narrow jaws
- > Particularly good access to the workpiece due to very slim construction of head and joint area
- > Firm grip also on flat material due to three-point rest
- > Push the button for adjustment on the workpiece
- > Fine adjustment for optimum adaptation to different sizes of workpieces and a comfortable handle width
- > Self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
- > Box-joint design for high stability due to double guide
- > Reliable catching of the hinge bolt: no unintentional shifting
- > Favourable lever action: optimum transmission of force
- > Pinch guard prevents operators' fingers being pinched
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 8976



Grips nuts up to 34 mm (1 5/8") across flats



Optimum access to the workpiece. Ideal for service, maintenance and equipment repair, in automotive and general industry



Very slim design in the complete head and joint area (compared to conventional water pump pliers)



87 51 250

Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	∅ Inch	∅ mm	Hex mm	max. parallel opening width	max. gripping depth	Adjustment positions	⚖ g
87 51 250	061267	250		grey atramentized	polished	with non-slip plastic coating	1 1/4	32	34	37	42	19	328

\*Other tools with tethering can be found from page 272

# KNIPEX Alligator®

## Water Pump Pliers

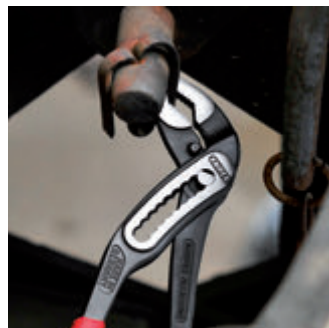
- ▶ Good access to the workpiece due to slim size of head and joint area
- ▶ More output and comfort compared to conventional water pump pliers of the same length: 9-notch adjustment positioning for 30 % more gripping capacity
- > Self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
- > Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
- > Box-joint design for high stability due to double guide
- > Robust construction, insensitive to dirt; particularly suitable for outdoor work
- > Pinch guard prevents operators' fingers being pinched
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 8976

### 88 02 250 / 88 02 250 T / 88 05 250

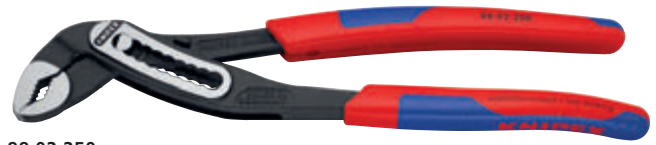
- > With slim multi-component grips without collar for better handling and easier transport

### 88 02 250 T / 88 02 300 T\*

- > Pliers with tether attachment point for mounting a fall protection



88 01 180



88 02 250



88 02 250 T



88 02 300



88 02 300 T



88 03 250



88 05 250



88 05 300



Self-locking on pipes and nuts: no slipping on the workpiece; the complete actuating force can be used to turn the workpieces; not having to squeeze the pliers handles reduces the required effort

**Conventional water pump pliers**

**KNIPEX Alligator® 250/300**

- Specially hardened teeth**  
high resistance to wear, allowing durable, reliable gripping
- Robust adjusting mechanism**  
insensitive to dirt, particularly suitable for outdoor work
- Notch curved adjustment positioning**  
30% more gripping capacity, optimised adjustment to the workpiece and a handy handle position, slim design
- Box joint, double guide**  
no loosening of the joint connection, continuous heavy duty

Article No.	EAN	↔ mm		Pliers	Head	Handles	∅ Inch	∅ mm	∅ mm	Adjustment positions	Δ g
88 01 180	035480	180					1 1/2	42	36	9	180
88 01 250	022992	250	▨	black atramentized	polished	with non-slip plastic coating	2	50	46	9	331
88 01 300	034094	300					2 3/4	70	60	9	511
88 02 180	044222	180	▨	black atramentized	polished	with multi-component grips	1 1/2	42	36	9	210
88 02 300	029151	300					2 3/4	70	60	9	565
88 02 300 T	080183	300	▨	black atramentized	polished	with multi-component grips, with integrated tether attachment point for a tool tether	2 3/4	70	60	9	595
88 02 250	019282	250	▨	black atramentized	polished	with slim multi-component grips	2	50	46	9	347
88 02 250 T	080176	250	▨	black atramentized	polished	with slim multi-component grips, with integrated tether attachment point for a tool tether	2	50	46	9	370
88 03 180	042860	180					1 1/2	42	36	9	181
88 03 250	005742	250	▨	chrome plated	chrome plated	with non-slip plastic coating	2	50	46	9	319
88 03 300	019312	300					2 3/4	70	60	9	499
88 05 180	060130	180	▨	chrome plated	chrome plated	with multi-component grips	1 1/2	42	36	9	210
88 05 300	042389	300					2 3/4	70	60	9	560
88 05 250	035497	250	▨	chrome plated	chrome plated	with slim multi-component grips	2	50	46	9	344
88 06 250	039303	250	▨ ⚡ 1000 V	chrome plated	chrome plated	insulated with multi-component grips, VDE-tested	2	50	46	9	374
88 07 250	019343	250	▨ ⚡ 1000 V	chrome plated	chrome plated	with dipped insulation, VDE-tested	2	50	46	9	420
88 07 300	022350	300					2 3/4	70	60	9	661

# KNIPEX Alligator® XL

## Water Pump Pliers

- ▶ The classic model, now also in 400 mm length
- ▶ Robust construction, insensitive to dirt; particularly suitable for outdoor work
- > Good access to the workpiece due to slim size of head and joint area
- > Pinch guard prevents operators' fingers being pinched
- > Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: high wear resistance and stable gripping
- > Self-locking on pipes and nuts: no slipping on the workpiece and low handforce required
- > Box-joint design for high stability due to double guide
- > Robust adjustment mechanism, insensitive to dirt, easy to clean; particularly suitable for outdoor work
- > 11-notch adjustment positioning with a gripping capacity up to 3 1/2", optimised adjustment to the workpiece and user-friendly handle position
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN ISO 8976



88 01 400

The KNIPEX Alligator® XL offers the performance and comfort of a water pump pliers while being 50 % lighter in weight and having a greater gripping capacity (3 1/2") than comparable pipe wrenches. With their handy length of 400 mm, there is a place for KNIPEX Alligator® XL in every tool box.



### Robust pliers for very hard applications

Gripping surfaces with special hardened teeth, teeth hardness approx. 61 HRC: low wear and stable gripping

Self-locking on pipes and nuts: no slipping on the workpiece and low handforce required

Box-joint design: high stability because of the double guide

Robust adjustment mechanism, insensitive to dirt, easy to clean; particularly suitable for outdoor work

11-notch adjustment for a gripping capacity up to 3 1/2", optimised adjustment to the workpiece and a comfortable handle position



Article No.	EAN	↔ mm		Pliers	Head	Handles	∅ Inch	∅ mm	∅ mm	Adjustment positions	⚖ g
88 01 400	075844	400		black atramentized	polished	with non-slip plastic coating	3 1/2	90.0	95.0	11	1190

## Pipe Wrenches 90°

- > Swedish pattern
- > 90° angled jaws
- > Jaws with offset teeth in opposite direction
- > Teeth additionally induction-hardened
- > I-beam handle design
- > Captive adjusting nut
- > Red powder-coated, jaws bright ground
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN 5234



83 10 015



Article No.	EAN 4003773-	↔ mm		Pliers	∅ Inch	∅ mm	Inch	⚖ g
83 10 010	014188	310		red powder-coated	1 5/8	42	1	779
83 10 015	014195	420			2 3/8	60	1 1/2	1415
83 10 020	014201	560			2 3/4	70	2	2600
83 10 030	022329	650			4 3/8	110	3	3433
83 10 040	022336	750			5 1/8	130	4	4921

## Pipe Wrenches 45°

- > Swedish pattern
- > 45° angled jaws
- > Jaws with offset teeth in opposite direction
- > Teeth additionally induction-hardened
- > I-beam handle design
- > Captive adjusting nut
- > Red powder-coated, jaws bright ground
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN 5234



83 20 015

Article No.	EAN 4003773-	↔ mm		Pliers	∅ Inch	∅ mm	Inch	⚖ g
83 20 010	014218	320		red powder-coated	1 5/8	42	1	817
83 20 015	014225	430			2 3/8	60	1 1/2	1408
83 20 020	014232	570			2 3/4	70	2	2596



## Pipe Wrenches S-Type

- > Slim, S-type jaw
- > Jaws with offset teeth in opposite direction
- > Teeth additionally induction-hardened
- > Three-point contact on pipes, self-locking
- > I-beam handle design
- > Captive adjusting nut
- > Red powder-coated, jaws bright ground
- > Chrome vanadium electric steel, forged, multi stage oil-hardened
- > DIN 5234



83 30 015



Article No.	EAN 4003773-	↔ mm		Pliers	Ø Inch	Ø mm	Ø Inch	g
83 30 005	025221	245		red powder-coated	1 1/2	35	1/2	472
83 30 010	014249	320			1 5/8	42	1	836
83 30 015	014256	420			2 3/8	60	1 1/2	1540
83 30 020	014263	540			2 3/4	70	2	2669
83 30 030	014164	680			4 3/4	120	3	4366

## Pipe Wrenches S-Type

PATENTED

### with fast adjustment

- > Pinch guard prevents operators' fingers being pinched
- > Time-saving, precise adjustment of the gripping width directly on the workpiece at the push of a button
- > Less effort required due to self-locking action
- > No unintentional shifting of the pliers handles
- > High wear resistance due to the additionally hardened teeth
- > Maximum load capability thanks to completely hardened handles
- > Chrome vanadium electric steel, forged, multi stage oil-hardened



83 60 010



83 61 010



Article No.	EAN 4003773-	↔ mm		Pliers	Handles	Ø Inch	Ø mm	Ø Inch	g
83 60 010	075424	330		red powder-coated		1 5/8	42	1	955
83 60 015	075677	420				2 3/8	60	1 1/2	1470
83 60 020	078838	560				2 3/4	70	2	2420
83 61 010	077602	330		grey powder-coated	plastic coated	1 5/8	42	1	955
83 61 015	077619	420				2 3/8	60	1 1/2	1470
83 61 020	078876	560				2 3/4	70	2	2480

# Siphon and Connector Pliers

for traps, tube fittings and connectors

- ▶ Fine adjustment for ideal adjustment to diverse diameters
- ▶ For siphons, oil filters, plastic pipes and connectors up to 80 mm diameter
- ▶ Robust, heavy duty

- > Ideal for tightening and loosening siphon screw connections, plastic pipe fittings and round union nuts
- > For connectors and couplings with screw connection, such as Cannon circular connectors
- > For gentle loosening of hoses on nozzles and filter cartridges
- > Optimum adhesion on dirt-, oil- and fatfree surfaces
- > 25 adjustment positions, box-joint design
- > Ergonomic handle geometry
- > Chrome vanadium electric steel, forged, oil-hardened
- > DIN ISO 8976

## 81 01 250 / 81 03 250

> With serrated gripping jaws; up to Ø 80 mm

## 81 11 250 / 81 13 250

> With exchangeable plastic jaws for sensitive surfaces; up to Ø 75 mm



81 01 250



81 03 250



81 11 250



81 13 250



Article No.	EAN 4003773-	↔ mm		Pliers	Head	Handles	Working Capacity Ø mm	Adjustment positions	Δ g
81 01 250	078463	250		black atramentized	polished	with non-slip plastic coating	25 - 80	25	355
81 03 250	078487	250		chrome plated	polished	with non-slip plastic coating	25 - 80	25	355
81 11 250	078470	250		black atramentized	polished	with non-slip plastic coating	10 - 75	25	355
81 13 250	078494	250		chrome plated	chrome plated	with non-slip plastic coating	10 - 75	25	355
81 19 250 V01	078500	2 pairs of plastic inserts 1C for 81 11 250 / 81 13 250							
81 19 250 V02	086550	2 pairs of plastic inserts 2C for 81 11 250 / 81 13 250							