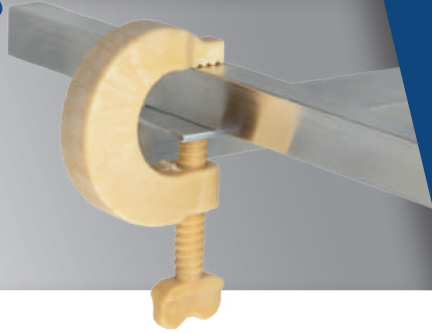


WP

WALTER POTTHOFF
SMART PLASTILUTIONS.

ELOCLAMP®



CATALOG
FASTENING ELEMENTS

ELOCLAMP®
HEAVY DUTY



ELOCLAMP®
PERFORMANCE



ELOCLAMP®
BLACK LINE



ELOCLIP® | **ACCESSORIES**



WALTER POTTHOFF SMART PLASTILUTIONS.



Walter Potthoff GmbH is a high-performance system supplier in plastics processing and a development partner for plastic-based product solutions. With a focus on quality and innovation, we are also internationally regarded in medical technology, electrical engineering, and the packaging and finishing industries. We are known for high-precision, customer-specific components, assemblies and systems.

As a full-service supplier for the plastics processing industry, we are pooling all expert knowledge. This includes development, design, toolmaking, agile injection moulding and a wide range of assembly and service features. We accompany our customers from the idea to series maturity. We regard ourselves as a powerful idea provider for our customers. Together with you we develop an economical and practical product- and process concept according to your requirements. With our specialized network partners, we can offer a product-specific solution for every technical challenge.

We leave nothing to chance, but impress with a unique combination of technology, competence and innovative strength.

One of our special core competencies lies in the selection of materials suitable for the application. As such, we can incorporate our knowledge in product development.

Since 1972, we have firmly established ourselves in numerous industries as development partners and initiators for plastic-based solutions.

With our branded products Eloclamp® and Eloclip® we manufacture chemical-resistant clamping elements for the electroplating and anodizing industries. Our clamping elements are made of high quality plastic and resistant to aggressive media. All of our products are highly resistant to chemicals and extreme temperatures.



YOUR PRODUCT – OUR TASK

THE BUSINESS UNITS



MEDICAL TECHNOLOGY

Medical disposables
Plastic parts and components for medical technology
Hose systems and connection components



INDUSTRIAL TECHNOLOGY

Engineering plastics
Plastic components for industrial technology
Plastic component assemblies



OTHER INDUSTRIES

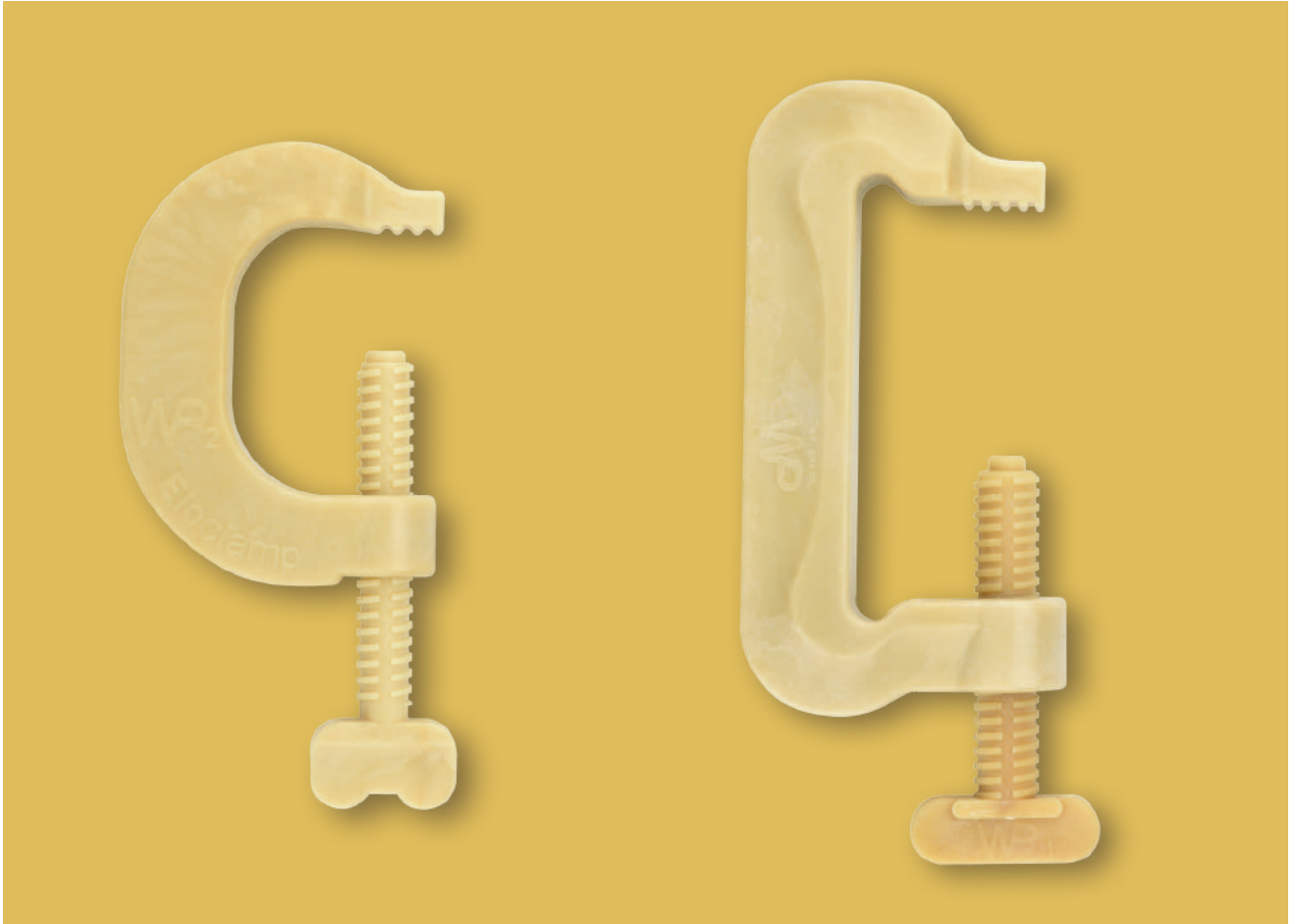
Anode clamps and brackets for the electroplating and anodizing industry
Fasteners and closure systems
Plastic component assemblies

CUSTOMIZED PRODUCTS

We develop innovative products and optimize proven concepts with competence and many years of experience.
Continuous development together with our partners is key to our success.
In quality-, energy- and environmental management we are certified to the latest standards.

ELOCLAMP® STANDARD

MADE IN GERMANY



ELOCLAMP®

- High chemical resistance
- Long service life
- High load capacity
- Trapezoidal thread
- Self-cleaning spindle
- Quick to screw in

ELOCLAMP® HEAVY-DUTY

- Large span
- Extremely high retention forces
- Trapezoidal thread
- Quick to screw in
- Self-cleaning spindle
- High load capacity at large spans

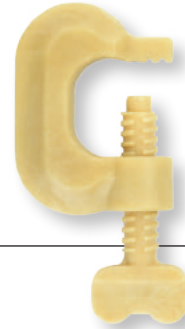
ELOCLAMP® STANDARD⁰

VERY RESILIENT AND DURABLE

Eloclamp® 35SL

Order number: 2880350⁰

opening width: 35 mm
 opening depth: 29.5 mm
 thread diameter: 14 mm
 packaging unit: 250 pieces



Eloclamp® 45SL

Order number: 2880450⁰

opening width: 45 mm
 opening depth: 39 mm
 thread diameter: 14 mm
 packaging unit: 200 pieces



Eloclamp® 65SL

Order number: 2880650⁰

opening width: 65 mm
 opening depth: 39 mm
 thread diameter: 14 mm
 packaging unit: 150 pieces



Eloclamp® 85SL

Order number: 2880851⁰

opening width: 85 mm
 opening depth: 39 mm
 thread diameter: 14 mm
 packaging unit: 150 pieces



- ❶ Service life depends on the type of use and composition of the medium used.
Validation is performed by the customer. **Customer-specific solutions are possible!**
- ❷ If required, **we give you the article numbers of combinations of our products!**

ELOCLAMP® HEAVY DUTY^①

EXTREMELY HIGH RETENTION FORCES

Eloclamp® 85HD

Order number: 2880850^②

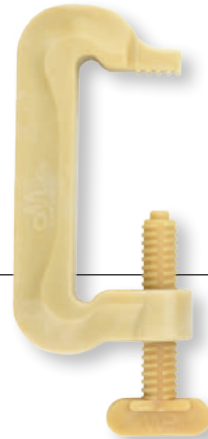
opening width:	85 mm
opening depth:	51 mm
thread diameter:	18 mm
packaging unit:	100 pieces



Eloclamp® 105HD

Order number: 2881050^②

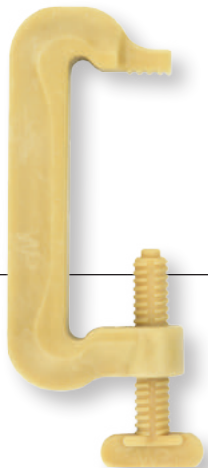
opening width:	105 mm
opening depth:	51 mm
thread diameter:	18 mm
packaging unit:	80 pieces



Eloclamp® 125HD

Order number: 2881250^②

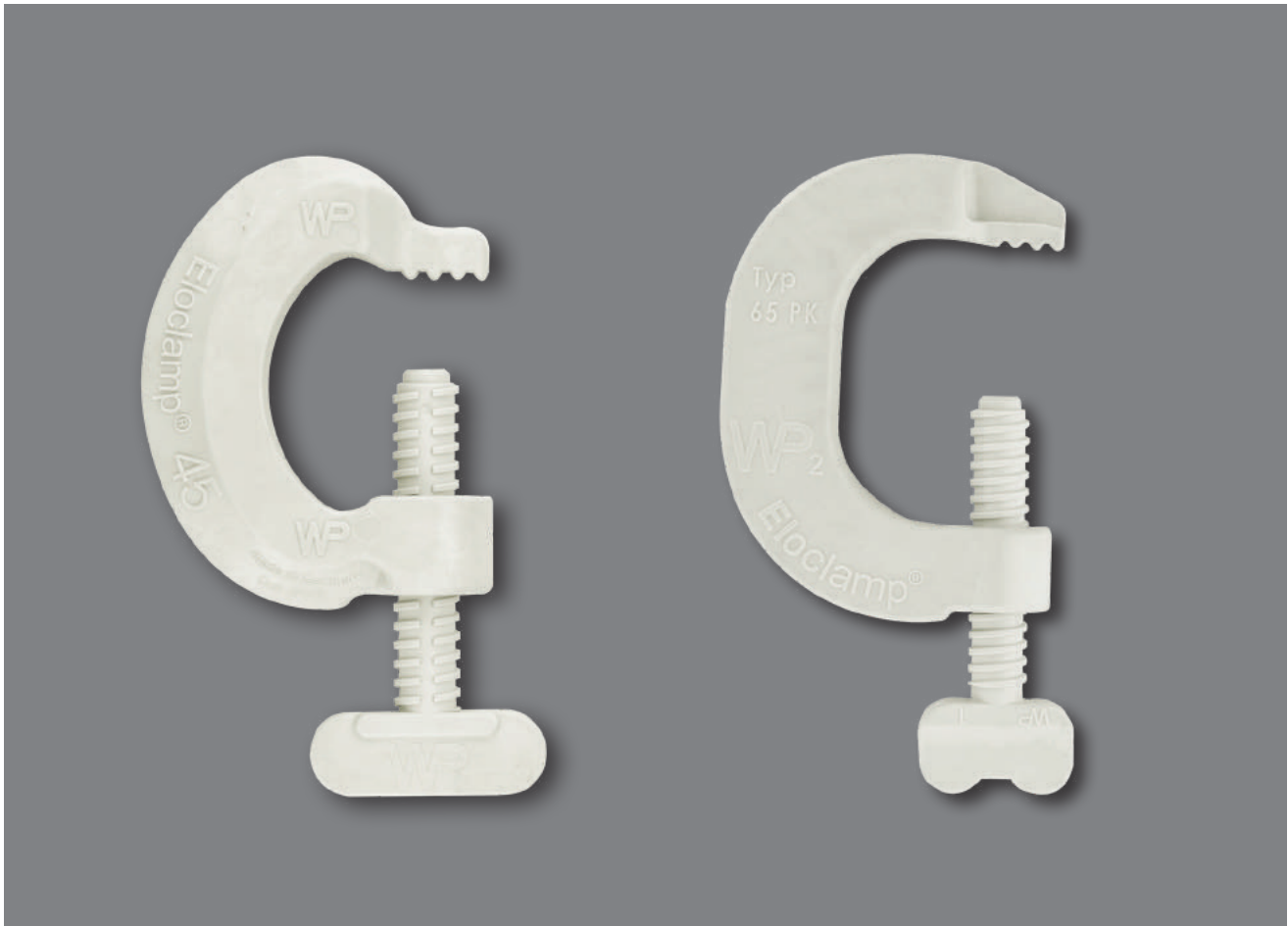
opening width:	125 mm
opening depth:	51 mm
thread diameter:	18 mm
packaging unit:	70 pieces



For particularly large and heavy components use our **ELOCLAMP® HEAVY DUTY**. Due to extremely high retention forces a high resilience becomes also possible with large spans.

- ① Service life depends on the type of use and composition of the medium used. Validation is performed by the customer. **Customer-specific solutions are possible!**
- ② If required, **we give you the article numbers of combinations of our products!**

ELOCLAMP® PERFORMANCE¹ FOR THE HIGHEST DEMANDS



ELOCLAMP® PERFORMANCE

- Best media resistance
- Long service life
- Extreme load capacity
- Improvement of productivity
- Self-cleaning spindle
- Trapezoidal thread

ELOCLAMP® T-PROFILE

- Specially for profile attachment
- High compatibility by beak shape
- Self-cleaning spindle
- Trapezoidal thread
- Reduction of surface markings due to optimized shape

1 Service life depends on the type of use and composition of the medium used.
Validation is performed by the customer. **Customer-specific solutions are possible!**

2 If required, **we give you the article numbers of combinations of our products!**

ELOCLAMP® PERFORMANCE FOR HIGHEST DEMANDS

Eloclamp® 45PL
Order number: 2880454²

opening width: 45 mm
opening depth: 37,0 mm
thread diameter: 14 mm
packaging unit: 200 pieces

Further dimensions possible on request



An optimized material mixture let our **ELOCLAMP® PERFORMANCE** become a clamp for highest demands. Due to the improved media resistance this clamp is also extremely resilient in the most aggressive chemicals. On request an express delivery within 24 hours is possible.

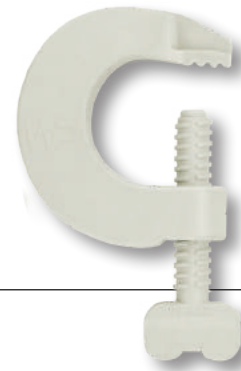
- 1 Service life depends on the type of use and composition of the medium used. Validation is performed by the customer. **Customer-specific solutions are possible!**
- 2 If required, **we give you the article numbers of combinations of our products!**

ELOCLAMP® T-PROFILE PERFECTLY COMPATIBLE

Eloclamp® 45PK

Order number: 2880452[®]

opening width:	45 mm
opening depth:	39 mm
thread diameter:	14 mm
packaging unit:	200 pieces



Eloclamp® 65PK

Order number: 2880652[®]

opening width:	65 mm
opening depth:	39 mm
thread diameter:	14 mm
packaging unit:	150 pieces



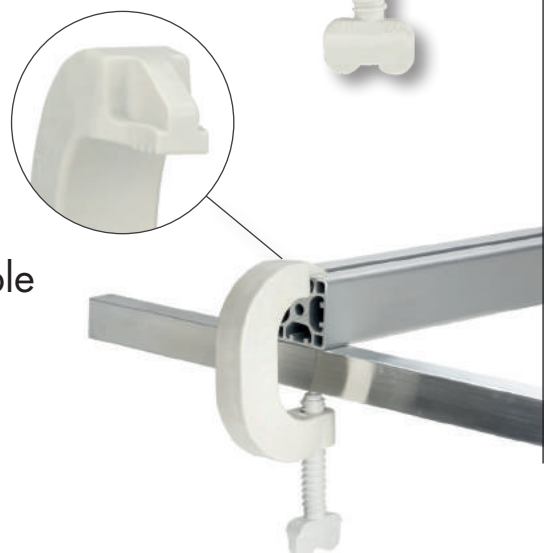
Eloclamp® 85PK

Order number: 2880852[®]

opening width:	85 mm
opening depth:	39 mm
thread diameter:	14 mm
packaging unit:	150 pieces



The **ELOCLAMP® T-PROFILE** is especially designed for the fixation of profiles. The beak shape is compatible with many common profiles. Due to the optimized shape surface markings minimized.



ELOCLAMP® BLACK LINE® FOR MAXIMUM REQUIREMENTS

NEW

ELOCLAMP® BLACK LINE

- maximum clamp strength
- trapezoidal thread
- quick to screw in
- self-cleaning spindle
- high loading power / resilience

- 1 Service life depends on the type of use and composition of the medium used.
Validation is performed by the customer. **Customer-specific solutions are possible!**
- 2 If required, **we give you the article numbers of combinations of our products!**

ELOCLAMP® BLACK LINE® FOR MAXIMUM REQUIREMENTS

Eloclamp® 45BL/90ASB
Order number: 2845712®

NEW

opening width: 45 mm
opening depth: 37,0 mm
thread diameter: 14 mm
packaging unit: 200 pieces



Eloclamp® 45BL/90BSB
Order number: 2845715®

NEW

opening width: 45 mm
opening depth: 37,0 mm
thread diameter: 14 mm
packaging unit: 200 pieces



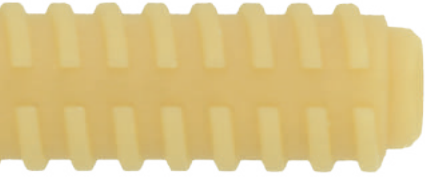
Further dimensions possible on request

Due to optimized composition of material our **ELOCLAMP® BLACK LINE** is a clamp suitable for maximum requirements. The improved medium resistance makes this clamp maximum resilient even to the most aggressive chemicals. If required express delivery is possible.



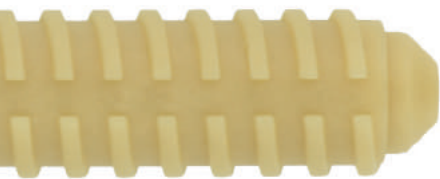
ELOCLAMP® FEATURES

SPINDLE TIPS



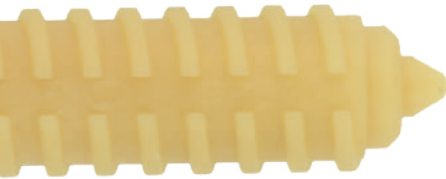
STANDARD SPINDLE TIP **S**

Our plastic standard spindle tip. All spindles have a trapezoidal thread and a media drainage groove.



PLASTIC SPINDLE TIP **M**

Our medium spindle tip with lower support surface than our standard spindle tip.



PLASTIC SPINDLE TIP **F**

Our spindle tip for a punctual fixation. Due to the small contact surface only minimal marks arise.



CERAMIC SPINDLE TIP **K**

Our „diamond-hard“ ceramic spindle tip with a small contact surface is suitable for two-stage anodizations in which titanium is not used.

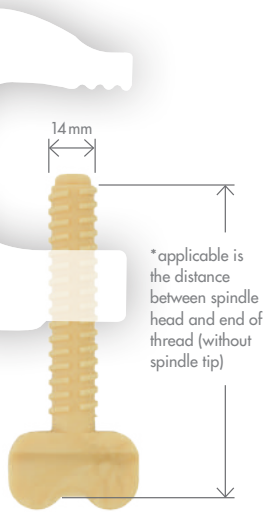


TITANIUM SPINDLE TIP **T**

Our titanium spindle tip for special requirements with low contact area.

ELOCLAMP® FEATURES SPINDLE VERSIONS

Our bestselling spindle is available with all spindle tips

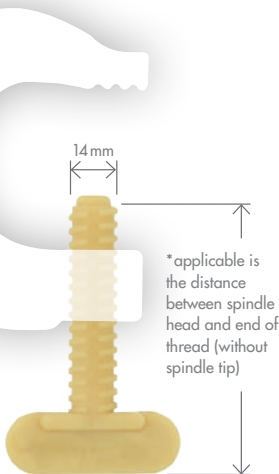


STANDARD TYPE A

STANDARD SPINDLE TIP S	60AS	80AS	90AS	110AS
PLASTIC SPINDLE TIP M	60AM	80AM	90AM	110AM
PLASTIC SPINDLE TIP F	60AF	80AF	90AF	110AF
CERAMIC SPINDLE TIP K	60AK	80AK	90AK	110AK
TITANIUM SPINDLE TIP T	60AT	80AT	90AT	110AT
packaging unit	500	500	500	500

thread: 14 mm

Fast and efficient tightening of the spindles

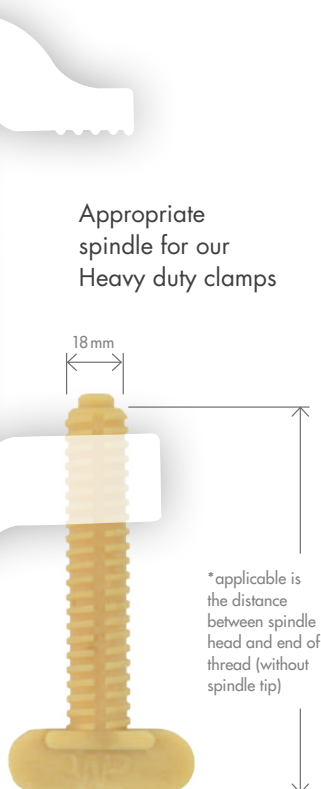


FAST SCREW TYPE B

STANDARD SPINDLE TIP S	60BS	80BS	90BS	110BS
PLASTIC SPINDLE TIP M	60BM	80BM	90BM	110BM
PLASTIC SPINDLE TIP F	60BF	80BF	90BF	110BF
CERAMIC SPINDLE TIP K	60BK	80BK	90BK	110BK
TITANIUM SPINDLE TIP T	60BT	80BT	90BT	110BT
packaging unit	500	500	500	500

thread: 14 mm

Appropriate spindle for our Heavy duty clamps



HEAVY DUTY TYPE C

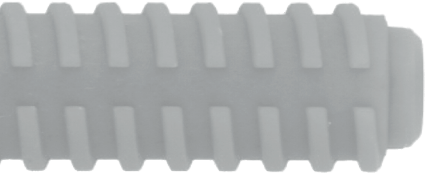
STANDARD SPINDLE TIP S	90CS	110CS
PLASTIC SPINDLE TIP M	90CM	110CM
PLASTIC SPINDLE TIP F	90CF	110CF
CERAMIC SPINDLE TIP K	90CK	110CK
TITANIUM SPINDLE TIP T	90CT	110CT
packaging unit	500	500

thread: 18 mm

ALL SPINDLES

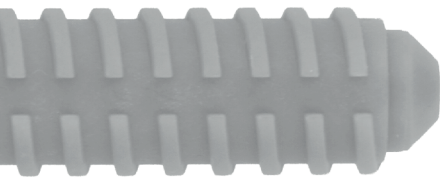
have a trapezoidal thread, a self-cleaning media drainage groove and are available with all tips.

ELOCLAMP® PERFORMANCE/T-PROFILE SPINDLE TIPS



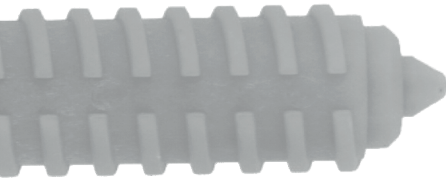
STANDARD SPINDLE TIP **S**

Our plastic standard spindle tip.
All spindles have a trapezoidal thread and a media drainage groove.



PLASTIC SPINDLE TIP **M**

Our medium plastic spindle tip with lower support surface as our standard spindle tip.



PLASTIC SPINDLE TIP **F**

Our plastic spindle tip for a punctual fixation.
Due to the small contact surface only minimal marks arise.



CERAMIC SPINDLE TIP **K**

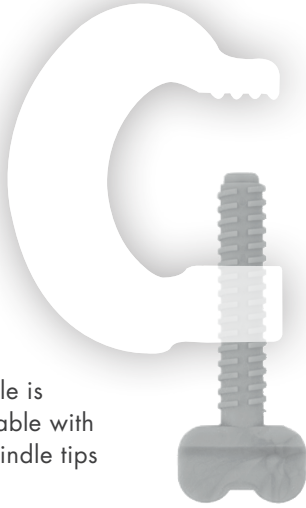
Our „diamond-hard“ ceramic spindle tip with a small contact surface is suitable for two-stage anodizations in which titanium is not used.



TITANIUM SPINDLE TIP **T**

Our titanium spindle tip for requirements with low contact area.

ELOCLAMP® PERFORMANCE/T-PROFILE SPINDLE VERSIONS

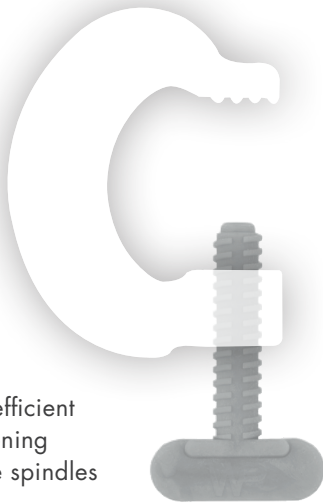


This spindle is available with all spindle tips

PERFORMANCE TYPE A

STANDARD SPINDLE TIP S	60ASP	80ASP	90ASP	110ASP
PLASTIC SPINDLE TIP M	60AMP	80AMP	90AMP	110AMP
PLASTIC SPINDLE TIP F	60AFP	80AFP	90AFP	110AFP
CERAMIC SPINDLE TIP K	60AKP	80AKP	90AKP	110AKP
TITANIUM SPINDLE TIP T	60ATP	80ATP	90ATP	110ATP
packaging unit	500	500	500	500

thread: 14 mm



Fast and efficient tightening of the spindles

FAST SCREW TYPE B

STANDARD SPINDLE TIP S	60BSP	80BSP	90BSP	110BSP
PLASTIC SPINDLE TIP M	60BMP	80BMP	90BMP	110BMP
PLASTIC SPINDLE TIP F	60BFP	80BFP	90BFP	110BFP
CERAMIC SPINDLE TIP K	60BKP	80BKP	90BKP	110BKP
TITANIUM SPINDLE TIP T	60BTP	80BTP	90BTP	110BTP
packaging unit	500	500	500	500

thread: 14 mm

ALL SPINDLES

have a trapezoidal thread, a self-cleaning media drainage groove and are available with all tips.

ELOCLIP® STANDARD^o

FAST AND RELIABLE

Eloclip 11

Order number: 2850350

NEW

opening width: 11 mm
 opening depth: 65 mm
 packaging unit: 100 pieces



Eloclip 18

Order number: 2850450

NEW

opening width: 18 mm
 opening depth: 65 mm
 packaging unit: 100 pieces



Eloclip 26

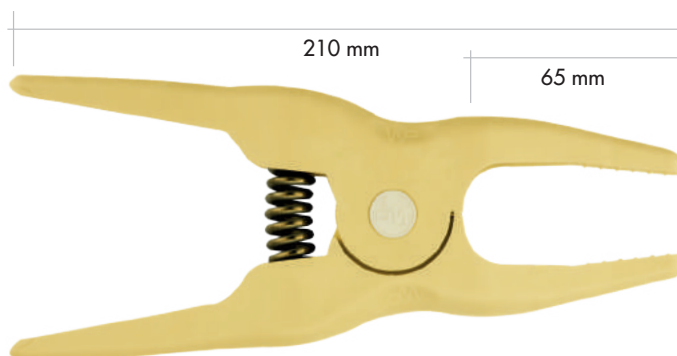
Order number: 2850550

NEW

opening width: 26 mm
 opening depth: 65 mm
 packaging unit: 100 pieces



The **ELOCLIP® STANDARD** anode clip consists of chemical resistant material. The soft spring allows a quick and comfortable change of light workpieces and due to low pushback it prevents operator fatigue.



① Service life depends on the type of use and composition of the medium used.
 Validation is performed by the customer. **Customer-specific solutions are possible!**

ELOCLIP® PERFORMANCE¹ FOR MAXIMUM REQUIREMENTS

Eloclip 11

Order number: 2850300

NEW

opening width: 11 mm
opening depth: 65 mm
packaging unit: 100 pieces



Eloclip 18

Order number: 2850400

opening width: 18 mm
opening depth: 65 mm
packaging unit: 100 pieces



Eloclip 26

Order number: 2850500

opening width: 26 mm
opening depth: 65 mm
packaging unit: 100 pieces



Due to optimized composition of material the **ELOCLIP® PERFORMANCE** is a clip suitable for highest requirements. Because of the improved media resistance it is durable in the most aggressive chemicals and the robust springs guarantees a reliable fixing of heavy workpieces. **NEW:** an opening width of 11 mm for the **ELOCLIP® PERFORMANCE 11.**



¹ Service life depends on the type of use and composition of the medium used. Validation is performed by the customer. **Customer-specific solutions are possible!**

ACCESSORIES

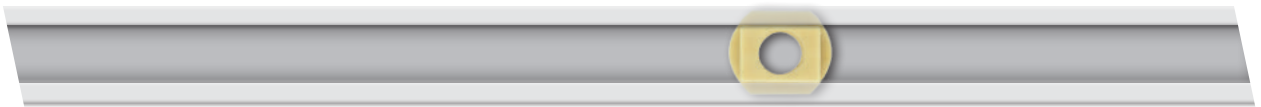
Slot nut

Order number: 2800230

trapezoidal thread 14 x 4

packaging unit: 2000 pieces

Compatible with our spindles with 14 mm diameter

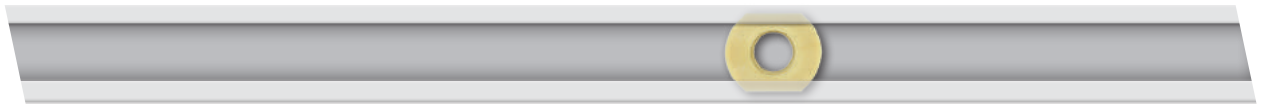


Galvano nut

Order number: 2800220

standard thread M16 x 2.25

packaging unit: 2000 pieces



Our plastic slot nuts and galvano nuts for fixing a component on a profile groove are compatible with many common profile systems.

Performing spindle tips

S



STANDARD SPINDLE TIP

M



PLASTIC SPINDLE TIP

F



PLASTIC SPINDLE TIP

K



CERAMIC SPINDLE TIP

T



TITANIUM SPINDLE TIP



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