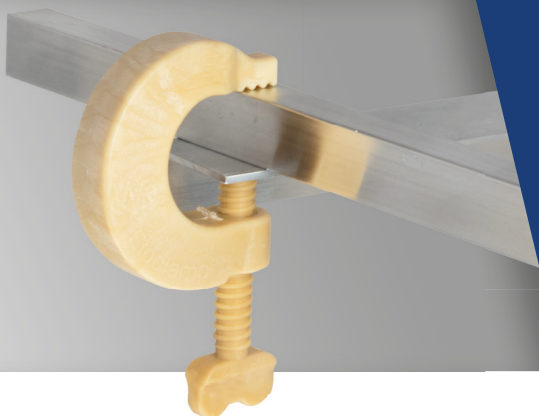


**ELOCLAMP®**



**CATALOG**  
FASTENING ELEMENTS

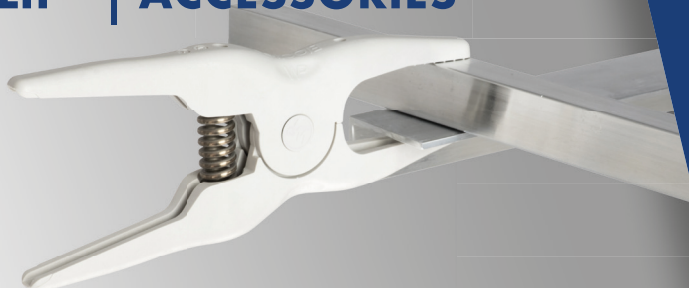
**ELOCLAMP®  
HEAVY DUTY**



**ELOCLAMP®  
PERFORMANCE**



**ELOCLIP® | ACCESSORIES**



# WALTER POTTHOFF SMART PLASTILUTIONS.



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

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 convince with active quality thinking and a unique combination of technology, competence and innovative strength.

One of our special core competencies lies in the application specific selection of materials. We integrate our knowledge in the product development – material know-how that makes your product more stable, more resistant and safer.

Thus, since 1972 we have firmly established ourselves in numerous sectors as a development partner and impulse generator for plastic-based solutions.

With our branded products Elocamp® and Eloclip® we produce chemical resistant clamping elements for the electroplating and anodizing industry. Our clamping elements are made of high quality plastic and resistant against aggressive media. All our products within this range are highly resistant to chemicals and extreme temperatures.



## **YOUR PRODUCT – OUR TASK**

### THE BUSINESS UNITS



#### **MEDICAL**

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



#### **ELECTRICAL & ELECTRONICS**

Engineering plastics  
Plastic components for the electrical industry  
Assemblies of plastic components



#### **OTHER INDUSTRIES**

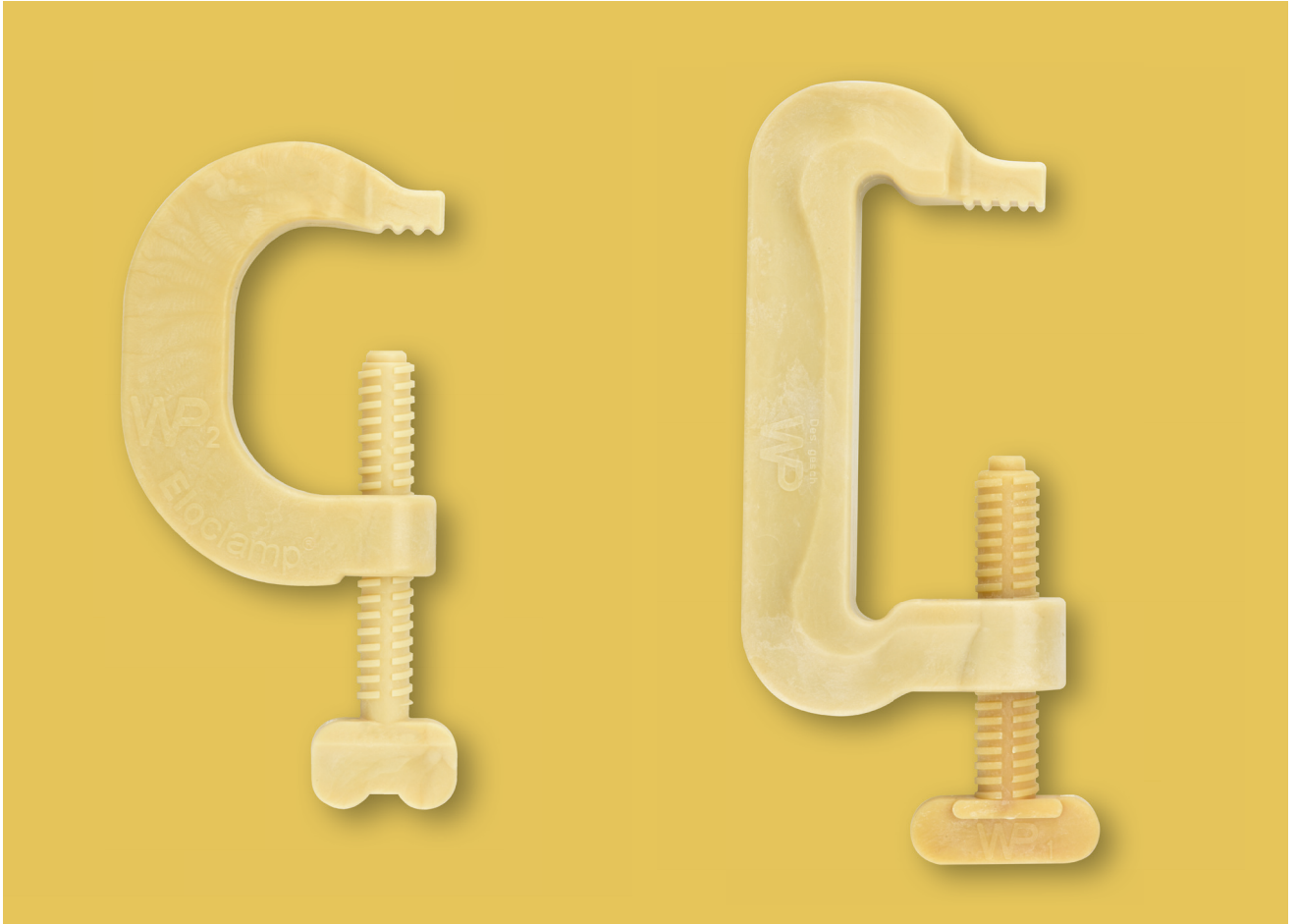
Anode clamps for the electroplating and anodizing industry  
Plugs and locking systems  
Assemblies of plastic components

### **CUSTOMIZED PRODUCTS**

We develop innovative products and optimize proven concepts with competence and many years of experience. The continuous development, together with our partners is one of our keys to 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® PERFORMANCE FOR THE HIGHEST DEMANDS

**NEW**



### 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

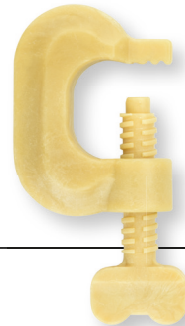
## ELOCLAMP® STANDARD

VERY RESILIENT AND DURABLE

### Eloclamp® 35SL

Order number: 2880350

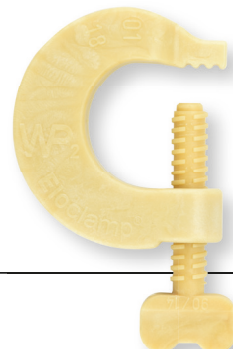
opening width: 35 mm  
opening depth: 29.5 mm  
thread diameter: 14 mm  
packaging unit: 250 pieces



### Eloclamp® 45SL

Order number: 2880450

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



### Eloclamp® 65SL

Order number: 2880650

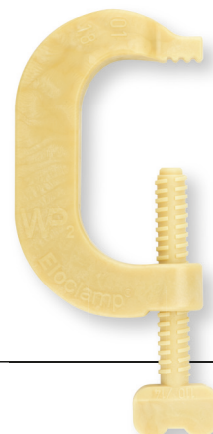
opening width: 65 mm  
opening depth: 39 mm  
thread diameter: 14 mm  
packaging unit: 150 pieces



### Eloclamp® 85SL

Order number: 2880851

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



## ELOCLAMP® HEAVY DUTY

### EXTREMELY HIGH RETENTION FORCES

#### Eloclamp® 85HD

Order number: 2880850

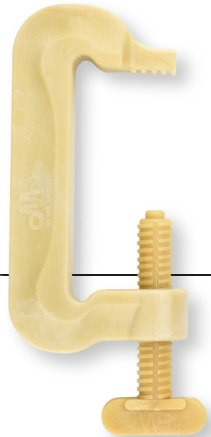
opening width: 85 mm  
opening depth: 51 mm  
thread diameter: 18 mm  
packaging unit: 100 pieces



#### Eloclamp® 105HD

Order number: 2881050

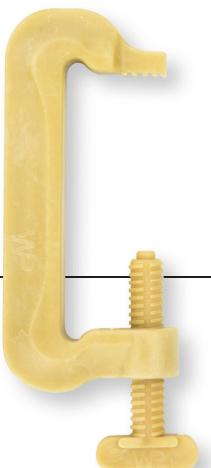
opening width: 105 mm  
opening depth: 51 mm  
thread diameter: 18 mm  
packaging unit: 80 pieces



#### Eloclamp® 125HD

Order number: 2881250

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

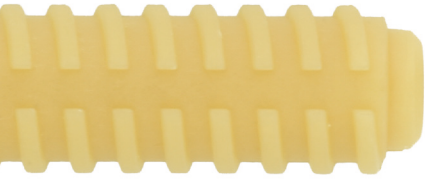


For particularly large and heavy components  
use our **ELOCLAMP® HEAVY DUTY**.

Due to extremely high retention forces a high resilience  
becomes also possible with large spans.

## 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**

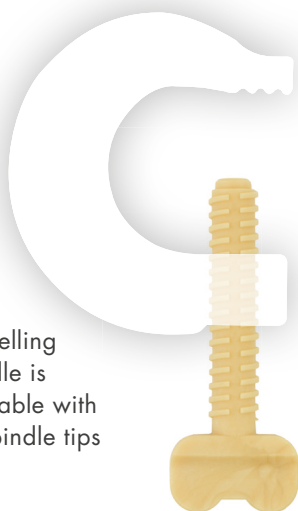
Our titanium spindle tip for special requirements with low contact area.



## ELOCLAMP® FEATURES

### SPINDLE VERSIONS

Our bestselling spindle is available with all spindle tips

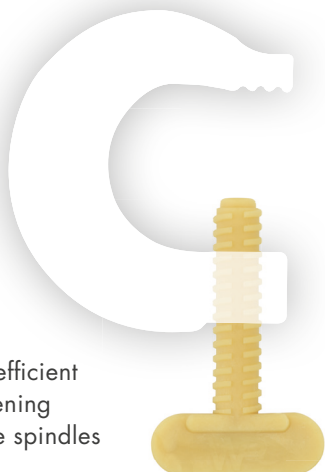


#### STANDARD TYPE A

STANDARD SPINDLE TIP <b>S</b>	60AS	80AS	90AS	110AS
PLASTIC SPINDLE TIP <b>M</b>	60AM	80AM	90AM	110AM
PLASTIC SPINDLE TIP <b>F</b>	60AF	80AF	90AF	110AF
CERAMIC SPINDLE TIP <b>K</b>	60AK	80AK	90AK	110AK
TITANIUM SPINDLE TIP <b>T</b>	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 <b>S</b>	60BS	80BS	90BS	110BS
PLASTIC SPINDLE TIP <b>M</b>	60BM	80BM	90BM	110BM
PLASTIC SPINDLE TIP <b>F</b>	60BF	80BF	90BF	110BF
CERAMIC SPINDLE TIP <b>K</b>	60BK	80BK	90BK	110BK
TITANIUM SPINDLE TIP <b>T</b>	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 <b>S</b>	90CS	110CS
PLASTIC SPINDLE TIP <b>M</b>	90CM	110CM
PLASTIC SPINDLE TIP <b>F</b>	90CF	110CF
CERAMIC SPINDLE TIP <b>K</b>	90CK	110CK
TITANIUM SPINDLE TIP <b>T</b>	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.

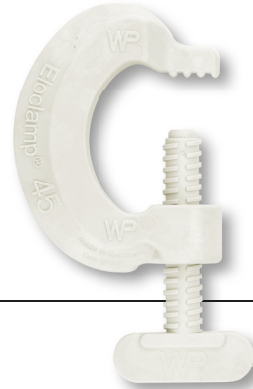
## ELOCLAMP® PERFORMANCE FOR HIGHEST DEMANDS

Eloclamp® 45PL  
Order number: 2880454

**NEW**

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.

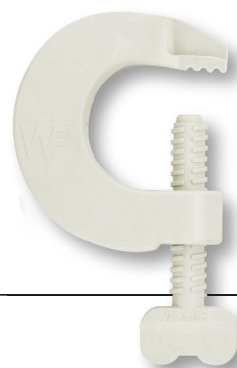
## ELOCLAMP® T-PROFILE

PERFECTLY COMPATIBLE

Eloclamp® 45PK  
Order number: 2880452

**NEW**

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



Eloclamp® 65PK  
Order number: 2880652

**NEW**

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



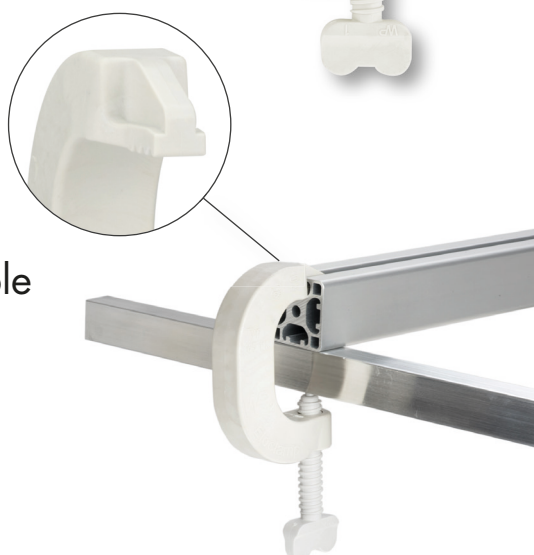
Eloclamp® 85PK  
Order number: 2880852

**NEW**

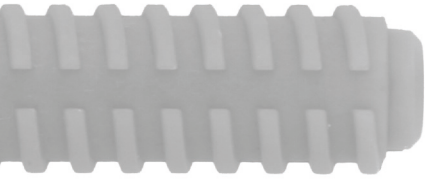
opening width: 85 mm  
opening depth: 39 mm  
thread diameter: 14 mm  
packaging unit: 150 pieces



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® 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.

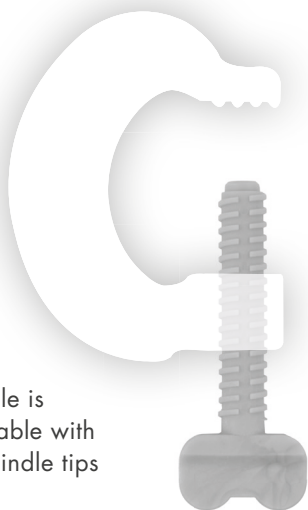


### TITANIUM SPINDLE TIP **T**

Our titanium spindle tip for requirements with low contact area.



## ELOCLAMP® PERFORMANCE/T-PROFILE SPINDLE VERSIONS



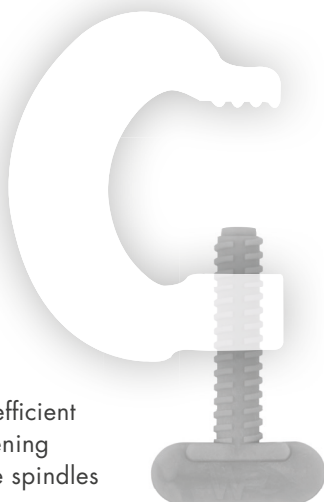
This spindle is available with all spindle tips

**NEW**

### PERFORMANCE TYPE A

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

**thread:** 14 mm



Fast and efficient tightening of the spindles

**NEW**

### FAST SCREW TYPE B

STANDARD SPINDLE TIP <b>S</b>	60BSP	80BSP	90BSP	110BSP
PLASTIC SPINDLE TIP <b>M</b>	60BMP	80BMP	90BMP	110BMP
PLASTIC SPINDLE TIP <b>F</b>	60BFP	80BFP	90BFP	110BFP
CERAMIC SPINDLE TIP <b>K</b>	60BKP	80BKP	90BKP	110BKP
TITANIUM SPINDLE TIP <b>T</b>	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®**

FAST AND RELIABLE

**NEW****Eloclip 18**

Order number: 2850400

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

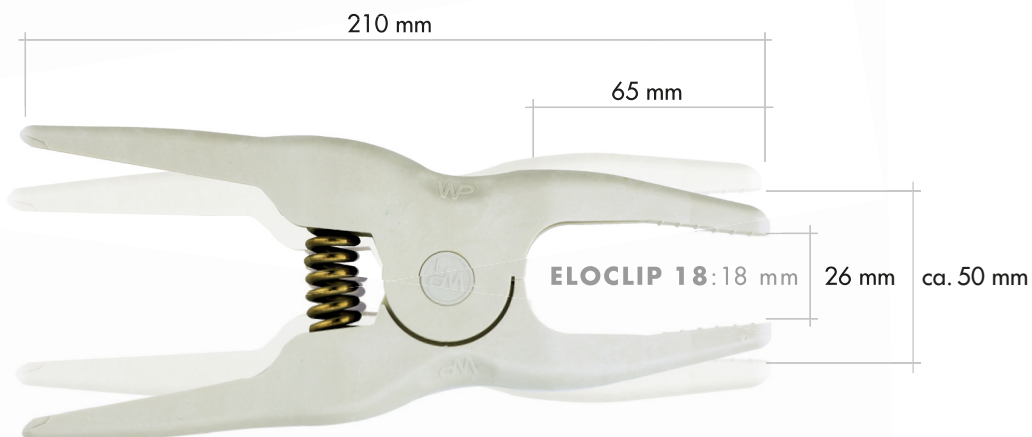
**Eloclip 26**

Order number: 2850500

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



The **ELOCLIP®** anode clip is produced with the same chemical resistant material as our **ELOCLAMP®**. It can be used quickly and reliably, also with special shapes. The robust spring allows an extremely firm hold. New: also with an opening width of 18mm as **ELOCLIP® 18** in the program range.



## ACCESSORIES

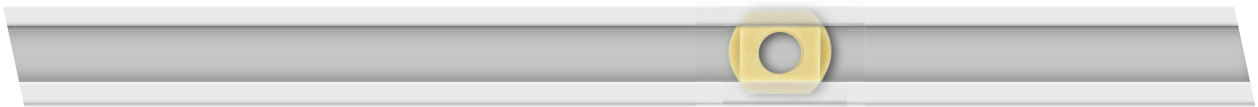
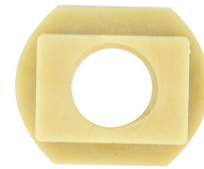
### Slot nut

Order number: 2800230

trapezoidal thread 14 x 4

packaging unit: 2000 pieces

Compatible with our spindles with 14 mm diameter

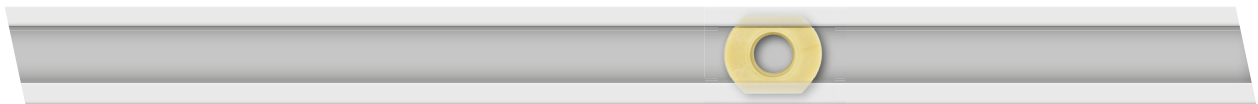


### Galvano nut

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



Walter Potthoff GmbH  
Friedrich-Ebert-Str. 306-314  
D-58566 Kierspe  
Tel.: +49 2359 / 2 93 81-0  
Fax: +49 2359 / 2 93 81-68  
E-Mail: [info@w-potthoff.de](mailto:info@w-potthoff.de)

follow us on ...



[w-potthoff.de](http://w-potthoff.de)

