**PNEUMATIC VISE GRIPS**

Simple pneumatic vise grips for universal use
Also as manual vise grip available see [TH240k data sheet](#)

<table>
<thead>
<tr>
<th>Item no.</th>
<th>TH240k+Ko</th>
<th>TH240k+2Ko</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clamping force:</td>
<td>1.2 kN at 7 bar</td>
<td>2.5 kN at 16 bar with TH216 compressor</td>
</tr>
<tr>
<td>Jaw opening:</td>
<td>0-10 mm depending on jaw type (see p. 5)</td>
<td></td>
</tr>
<tr>
<td>Standard coupling:</td>
<td>AF15.9 mm or AF20 mm</td>
<td>Further couplings on request</td>
</tr>
<tr>
<td>Pneumatic connection:</td>
<td>M5 internal thread</td>
<td></td>
</tr>
<tr>
<td>Body:</td>
<td>Anodized aluminium</td>
<td></td>
</tr>
<tr>
<td>Jaws:</td>
<td>Steel, nickel-plated</td>
<td></td>
</tr>
<tr>
<td>Standard temperature range:</td>
<td>0 ... +70°C</td>
<td>Further temperature ranges on request</td>
</tr>
<tr>
<td>Weight per grip without jaws:</td>
<td>0.4 kg (TH240k+Ko)</td>
<td>0.6 kg (TH240k+2Ko)</td>
</tr>
<tr>
<td>Scope of supply:</td>
<td>1 pair of grips without jaws</td>
<td></td>
</tr>
</tbody>
</table>

**TH240k+Ko**

**TH240k+2Ko**
### Item no.: TH240k-S20+Ko

<table>
<thead>
<tr>
<th>Specification</th>
<th>TH240k-S20+Ko</th>
<th>TH240k-S20+2Ko</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clamping force:</td>
<td>1.2 kN at 7 bar (2.5 kN at 16 bar with TH216 compressor)</td>
<td></td>
</tr>
<tr>
<td>Jaw opening:</td>
<td>0-20 mm depending on jaw type (see p. 5)</td>
<td></td>
</tr>
<tr>
<td>Standard coupling:</td>
<td>Af15.9 mm or Af20 mm</td>
<td></td>
</tr>
<tr>
<td>Pneumatic connection:</td>
<td>M5 internal thread</td>
<td></td>
</tr>
<tr>
<td>Body:</td>
<td>Anodized aluminium</td>
<td></td>
</tr>
<tr>
<td>Jaws:</td>
<td>Steel, nickel-plated</td>
<td></td>
</tr>
<tr>
<td>Standard temperature range:</td>
<td>0 ... +70°C</td>
<td></td>
</tr>
<tr>
<td>Weight per grip without jaws:</td>
<td>0.5 kg (TH240k-S20+Ko)</td>
<td>0.7 kg (TH240k-S20+2Ko)</td>
</tr>
<tr>
<td>Scope of supply:</td>
<td>1 pair of grips without jaws</td>
<td></td>
</tr>
</tbody>
</table>

**TH240k-S20+Ko**

**TH240k-S20+2Ko**

**TH240k-S20+Ko**

**TH240k-S20+2Ko**
Item no.: TH240k-S30+Ko
TH240k-S30+2Ko

Clamping force: 1.2 kN at 7 bar
(2.5 kN at 16 bar with TH216 compressor)
Jaw opening: 0-30 mm depending on jaw type (see p. 5)
Standard coupling: A15.9 mm or A20 mm
Further couplings on request
Pneumatic connection: M5 internal thread
Body: Anodized aluminium
Jaws: Steel, nickel-plated
Standard temperature range: 0 … +70°C
Further temperature ranges on request
Weight per grip without jaws: 0.54 kg (TH240k-S30+Ko)
0.74 kg (TH240k-S30+2Ko)
Scope of supply: 1 pair of grips without jaws
Item no.: TH240k-S50+Ko  
TH240k-S50+2Ko

- Clamping force: 1.2 kN at 7 bar  
  (2.5 kN at 16 bar with TH216 compressor)
- Jaw opening: 0–52 mm depending on jaw type (see p. 5)
- Standard coupling: Af15.9 mm or Af20 mm  
  Further couplings on request
- Pneumatic connection: M5 internal thread
- Body: Anodized aluminium
- Jaws: Steel, nickel-plated
- Standard temperature range: 0 ... +70°C  
  Further temperature ranges on request
- Weight per grip without jaws: 0.8 kg (TH240k-S50+Ko)  
  1 kg (TH240k-S50+2Ko)
- Scope of supply: 1 pair of grips without jaws

TH240k-S50+Ko

TH240k-S50+2Ko
**Jaws for TH240k+Ko Series**

Scope of delivery 1 set = 4 jaws

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Surface</th>
<th>Clamping surface H x W</th>
<th>Opening for TH240k</th>
<th>Opening for TH240k-S20</th>
<th>Opening for TH240k-S30</th>
<th>Opening for TH240k-S50</th>
<th>Weight per pair</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH240k-B</td>
<td>Blank jaws</td>
<td>30 x 30 mm</td>
<td>0 – 10 mm</td>
<td>0 – 20 mm</td>
<td>0 – 30 mm</td>
<td>0 – 52 mm</td>
<td>0.13 kg</td>
</tr>
<tr>
<td>TH240k-BG</td>
<td>Rubber jaws</td>
<td>30 x 30 mm</td>
<td>0 – 8 mm</td>
<td>0 – 18 mm</td>
<td>0 – 28 mm</td>
<td>0 – 50 mm</td>
<td>0.13 kg</td>
</tr>
<tr>
<td>TH240k-BP</td>
<td>Pyramid jaws</td>
<td>30 x 30 mm</td>
<td>0 – 10 mm</td>
<td>0 – 20 mm</td>
<td>0 – 30 mm</td>
<td>0 – 52 mm</td>
<td>0.12 kg</td>
</tr>
<tr>
<td>TH240k-BV2</td>
<td>V-jaws</td>
<td>30 x 30 mm</td>
<td>Ø 2 – 9 mm</td>
<td>Ø 2 – 20 mm</td>
<td>Ø 2 – 30 mm</td>
<td>Ø 2 – 52 mm</td>
<td>0.12 kg</td>
</tr>
<tr>
<td>TH240k-BV3</td>
<td>V-jaws</td>
<td>30 x 30 mm</td>
<td>Ø 3 – 9 mm</td>
<td>Ø 3 – 20 mm</td>
<td>Ø 3 – 30 mm</td>
<td>Ø 3 – 52 mm</td>
<td>0.13 kg</td>
</tr>
<tr>
<td>TH240k-BW</td>
<td>Wave jaws</td>
<td>30 x 30 mm</td>
<td>0 – 10 mm</td>
<td>0 – 20 mm</td>
<td>0 – 30 mm</td>
<td>0 – 52 mm</td>
<td>0.12 kg</td>
</tr>
<tr>
<td>TH240k-BD</td>
<td>Diamond jaws</td>
<td>30 x 30 mm</td>
<td>0 – 10 mm</td>
<td>0 – 20 mm</td>
<td>0 – 30 mm</td>
<td>0 – 52 mm</td>
<td>0.13 kg</td>
</tr>
<tr>
<td>TH240k-BLC</td>
<td>Line-contact jaws</td>
<td>30 x 30 mm</td>
<td>0 – 6 mm</td>
<td>0 – 16 mm</td>
<td>0 – 26 mm</td>
<td>0 – 48 mm</td>
<td>0.13 kg</td>
</tr>
<tr>
<td>TH240k-BS0</td>
<td>Blank jaws</td>
<td>30 x 50 mm</td>
<td>0 – 10 mm</td>
<td>0 – 20 mm</td>
<td>0 – 30 mm</td>
<td>0 – 52 mm</td>
<td>0.22 kg</td>
</tr>
<tr>
<td>TH240k-BG50</td>
<td>Rubber jaws</td>
<td>30 x 50 mm</td>
<td>0 – 8 mm</td>
<td>0 – 18 mm</td>
<td>0 – 28 mm</td>
<td>0 – 50 mm</td>
<td>0.23 kg</td>
</tr>
<tr>
<td>TH240k-BP50</td>
<td>Pyramid jaws</td>
<td>30 x 50 mm</td>
<td>0 – 10 mm</td>
<td>0 – 20 mm</td>
<td>0 – 30 mm</td>
<td>0 – 52 mm</td>
<td>0.21 kg</td>
</tr>
<tr>
<td>TH240k-BW50</td>
<td>Wave jaws</td>
<td>30 x 50 mm</td>
<td>0 – 10 mm</td>
<td>0 – 20 mm</td>
<td>0 – 30 mm</td>
<td>0 – 52 mm</td>
<td>0.20 kg</td>
</tr>
<tr>
<td>TH240k-BD50</td>
<td>Diamond jaws</td>
<td>30 x 50 mm</td>
<td>0 – 10 mm</td>
<td>0 – 20 mm</td>
<td>0 – 30 mm</td>
<td>0 – 52 mm</td>
<td>0.22 kg</td>
</tr>
<tr>
<td>TH240k-B80</td>
<td>Blank jaws</td>
<td>30 x 80 mm</td>
<td>0 – 10 mm</td>
<td>0 – 20 mm</td>
<td>0 – 30 mm</td>
<td>0 – 52 mm</td>
<td>0.36 kg</td>
</tr>
<tr>
<td>TH240k-BG80</td>
<td>Rubber jaws</td>
<td>30 x 80 mm</td>
<td>0 – 8 mm</td>
<td>0 – 18 mm</td>
<td>0 – 28 mm</td>
<td>0 – 50 mm</td>
<td>0.37 kg</td>
</tr>
<tr>
<td>TH240k-BP80</td>
<td>Pyramid jaws</td>
<td>30 x 80 mm</td>
<td>0 – 10 mm</td>
<td>0 – 20 mm</td>
<td>0 – 30 mm</td>
<td>0 – 52 mm</td>
<td>0.35 kg</td>
</tr>
<tr>
<td>TH240k-BW80</td>
<td>Wave jaws</td>
<td>30 x 80 mm</td>
<td>0 – 10 mm</td>
<td>0 – 20 mm</td>
<td>0 – 30 mm</td>
<td>0 – 52 mm</td>
<td>0.32 kg</td>
</tr>
<tr>
<td>TH240k-BD80</td>
<td>Diamond jaws</td>
<td>30 x 80 mm</td>
<td>0 – 10 mm</td>
<td>0 – 20 mm</td>
<td>0 – 30 mm</td>
<td>0 – 52 mm</td>
<td>0.36 kg</td>
</tr>
<tr>
<td>TH240k-B100</td>
<td>Blank jaws</td>
<td>30 x 100 mm</td>
<td>0 – 10 mm</td>
<td>0 – 20 mm</td>
<td>0 – 30 mm</td>
<td>0 – 52 mm</td>
<td>0.45 kg</td>
</tr>
<tr>
<td>TH240k-BG100</td>
<td>Rubber jaws</td>
<td>30 x 100 mm</td>
<td>0 – 8 mm</td>
<td>0 – 18 mm</td>
<td>0 – 28 mm</td>
<td>0 – 50 mm</td>
<td>0.46 kg</td>
</tr>
<tr>
<td>TH240k-BP100</td>
<td>Pyramid jaws</td>
<td>30 x 100 mm</td>
<td>0 – 10 mm</td>
<td>0 – 20 mm</td>
<td>0 – 30 mm</td>
<td>0 – 52 mm</td>
<td>0.45 kg</td>
</tr>
<tr>
<td>TH240k-BW100</td>
<td>Wave jaws</td>
<td>30 x 100 mm</td>
<td>0 – 10 mm</td>
<td>0 – 20 mm</td>
<td>0 – 30 mm</td>
<td>0 – 52 mm</td>
<td>0.51 kg</td>
</tr>
<tr>
<td>TH240k-BD100</td>
<td>Diamond jaws</td>
<td>30 x 100 mm</td>
<td>0 – 10 mm</td>
<td>0 – 20 mm</td>
<td>0 – 30 mm</td>
<td>0 – 52 mm</td>
<td>0.45 kg</td>
</tr>
</tbody>
</table>

*Scope of delivery TH240k-BLC: 1 set = 2 x TH240k-BG + 2 x TH240k-BLC jaws

**Insert jaws for TH240k+Ko**

Scope of delivery 1 set = 4 jaws

For a quick change of jaws, insert jaws require carriers.

**Carriers**

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Weight per pair</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH240k-GT30</td>
<td>0.09 kg</td>
</tr>
<tr>
<td>TH240k-GT50</td>
<td>0.18 kg</td>
</tr>
</tbody>
</table>

**Insert Jaws**

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Surface</th>
<th>Clamping surface H x W</th>
<th>Opening for TH240k</th>
<th>Opening for TH240k-S20</th>
<th>Opening for TH240k-S30</th>
<th>Opening for TH240k-S50</th>
<th>Weight per pair</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH240k-EB</td>
<td>Blank insert jaws</td>
<td>30 x 30 mm</td>
<td>0 – 8 mm</td>
<td>0 – 18 mm</td>
<td>0 – 28 mm</td>
<td>0 – 50 mm</td>
<td>0.05 kg</td>
</tr>
<tr>
<td>TH240k-EBG</td>
<td>Rubber insert jaws</td>
<td>30 x 30 mm</td>
<td>0 – 6 mm</td>
<td>0 – 16 mm</td>
<td>0 – 26 mm</td>
<td>0 – 48 mm</td>
<td>0.06 kg</td>
</tr>
<tr>
<td>TH240k-EBP</td>
<td>Pyramid insert jaws</td>
<td>30 x 30 mm</td>
<td>0 – 8 mm</td>
<td>0 – 18 mm</td>
<td>0 – 28 mm</td>
<td>0 – 50 mm</td>
<td>0.05 kg</td>
</tr>
<tr>
<td>TH240k-EBW</td>
<td>Wave insert jaws</td>
<td>30 x 30 mm</td>
<td>0 – 8 mm</td>
<td>0 – 18 mm</td>
<td>0 – 28 mm</td>
<td>0 – 50 mm</td>
<td>0.05 kg</td>
</tr>
<tr>
<td>TH240k-EBD</td>
<td>Diamond insert jaws</td>
<td>30 x 30 mm</td>
<td>0 – 8 mm</td>
<td>0 – 18 mm</td>
<td>0 – 28 mm</td>
<td>0 – 50 mm</td>
<td>0.06 kg</td>
</tr>
<tr>
<td>TH240k-EB50</td>
<td>Blank insert jaws</td>
<td>30 x 50 mm</td>
<td>0 – 4 mm</td>
<td>0 – 14 mm</td>
<td>0 – 24 mm</td>
<td>0 – 46 mm</td>
<td>0.14 kg</td>
</tr>
<tr>
<td>TH240k-EBG50</td>
<td>Rubber insert jaws</td>
<td>30 x 50 mm</td>
<td>0 – 2 mm</td>
<td>0 – 12 mm</td>
<td>0 – 22 mm</td>
<td>0 – 44 mm</td>
<td>0.14 kg</td>
</tr>
<tr>
<td>TH240k-EBP50</td>
<td>Pyramid insert jaws</td>
<td>30 x 50 mm</td>
<td>0 – 4 mm</td>
<td>0 – 14 mm</td>
<td>0 – 24 mm</td>
<td>0 – 46 mm</td>
<td>0.13 kg</td>
</tr>
<tr>
<td>TH240k-EBV3</td>
<td>V insert jaws</td>
<td>30 x 50 mm</td>
<td>Ø 3 – 14 mm</td>
<td>Ø 3 – 24 mm</td>
<td>Ø 3 – 46 mm</td>
<td>Ø 3 – 66 mm</td>
<td>0.13 kg</td>
</tr>
<tr>
<td>TH240k-EBW50</td>
<td>Wave insert jaws</td>
<td>30 x 50 mm</td>
<td>0 – 4 mm</td>
<td>0 – 14 mm</td>
<td>0 – 24 mm</td>
<td>0 – 46 mm</td>
<td>0.12 kg</td>
</tr>
<tr>
<td>TH240k-EBD50</td>
<td>Diamond insert jaws</td>
<td>30 x 50 mm</td>
<td>0 – 4 mm</td>
<td>0 – 14 mm</td>
<td>0 – 24 mm</td>
<td>0 – 46 mm</td>
<td>0.14 kg</td>
</tr>
</tbody>
</table>

**Note:**

- Insert jaws require carriers.

**Jaws with other dimensions and surface coatings on request**

All specifications subject to change without prior notice
Pneumatic accessories:

**TH205-1  Foot pedals**
*None locking*: The jaws of the grip open by pressing the foot pedal and close after removing the foot from the pedal.
Scope of delivery: 1 pair of foot switches including tubes and fittings

**TH205-2  Foot pedals**
*With locking function*: The jaws of the grip open by pressing the foot pedal and remain opened after removing the foot from the pedal. The jaws close by pressing the pedal one more time.
Scope of delivery: 1 pair of foot switches including tubes and fittings

**TH205-PR16bar  Pressure regulator**
Optional for TH205-1 or TH205-2
To adjust air pressure: 1-16 bar

**TH205-3  Hand switches**
*With locking function*: The jaws of the grip close by pulling the handle and remain closed. The jaws open by pushing the handle back.
Scope of delivery: 1 unit of hand switches including tubes and fittings

**TH205-4-M5  Hand switches**
Pneumatic micro – hand switches, tubes and fittings, M5 connection
*With locking function*: The hand switches are directly installed at the grips, 3/2 directional valve.
Only for single action rods with spring inside.
Scope of supply: 2 hand switches including tubes and fittings

**TH216  Silent compressor for laboratories, oil-lubricated, with pressure reducer**
Max pressure 16 bar; 230 V/50 Hz; noise level: 38 dB(A)
Motor: 0.13 kW; displacement: 17 l/min; tank size 3.5 l
Dimensions: 340x290x340 mm (L x W x H); weight 18 kg