TH240g+Ko Pneumatic vise grip
Single pneumatic cylinder
Sample size: 0 – 18 mm (depending on jaws)
Weight: 1.55 kg each grip (without jaws)

TH240g+2Ko Pneumatic vise grip
Dual pneumatic cylinder
Sample size: 0 – 18 mm (depending on jaws)
Weight: 1.93 kg each grip (without jaws)

- Clamping force: 2.6 kN / 7 bar
- Max. possible pressure: 16 bar
- Pneumatic cylinder 70 mm Ø
- Temperature range: -10°C ... +70°C
- Other temperature ranges on request
- Body: Aluminium, anodized
- Pneumatic connection: female thread 1/8"

Also as manual vise grip available
see: TH240g_Datasheet.pdf

Ordering information
Item no.: TH240g+Ko
Item No.: TH240g+2Ko
Scope of delivery: 1 pair of grips.
Jaws need to be ordered separately.

Jaws for TH240g+Ko and TH240g+2Ko: Scope of delivery 1 set = 4 jaws

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Surface</th>
<th>Clamping surface</th>
<th>Jaw opening with rod L56.5</th>
<th>Jaw opening with rod L51.5*</th>
<th>Weight per pair</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH240g-B</td>
<td>Blank jaws</td>
<td>30x50 mm</td>
<td>0 – 18 mm</td>
<td>10 – 28 mm</td>
<td>0.22 kg</td>
</tr>
<tr>
<td>TH240g-BG</td>
<td>Rubber jaws</td>
<td>30x50 mm</td>
<td>0 – 16 mm</td>
<td>8 – 26 mm</td>
<td>0.22 kg</td>
</tr>
<tr>
<td>TH240g-BP</td>
<td>Pyramid jaws</td>
<td>30x50 mm</td>
<td>0 – 18 mm</td>
<td>10 – 28 mm</td>
<td>0.21 kg</td>
</tr>
<tr>
<td>TH240g-BV2</td>
<td>V-jaws</td>
<td>Height 30 mm</td>
<td>Ø 2 – 18 mm</td>
<td>Ø 12 – 28 mm</td>
<td>0.22 kg</td>
</tr>
<tr>
<td>TH240g-BV5</td>
<td>V-jaws</td>
<td>Height 30 mm</td>
<td>Ø 5 – 18 mm</td>
<td>Ø 15 – 28 mm</td>
<td>0.25 kg</td>
</tr>
<tr>
<td>TH240g-BW</td>
<td>Wave jaws</td>
<td>30x50 mm</td>
<td>0 – 18 mm</td>
<td>10 – 28 mm</td>
<td>0.20 kg</td>
</tr>
<tr>
<td>TH240g-BD</td>
<td>Diamond jaws</td>
<td>30x50 mm</td>
<td>0 – 18 mm</td>
<td>10 – 28 mm</td>
<td>0.22 kg</td>
</tr>
<tr>
<td>TH240g-B80</td>
<td>Blank jaws</td>
<td>30x80 mm</td>
<td>0 – 18 mm</td>
<td>10 – 28 mm</td>
<td>0.36 kg</td>
</tr>
<tr>
<td>TH240g-B8B0</td>
<td>Rubber jaws</td>
<td>30x80 mm</td>
<td>0 – 16 mm</td>
<td>8 – 26 mm</td>
<td>0.37 kg</td>
</tr>
<tr>
<td>TH240g-B8B0</td>
<td>Pyramid jaws</td>
<td>30x80 mm</td>
<td>0 – 18 mm</td>
<td>10 – 28 mm</td>
<td>0.34 kg</td>
</tr>
<tr>
<td>TH240g-BWB0</td>
<td>Wave jaws</td>
<td>30x80 mm</td>
<td>0 – 18 mm</td>
<td>10 – 28 mm</td>
<td>0.33 kg</td>
</tr>
<tr>
<td>TH240g-BDB0</td>
<td>Diamond jaws</td>
<td>30x80 mm</td>
<td>0 – 18 mm</td>
<td>10 – 28 mm</td>
<td>0.37 kg</td>
</tr>
<tr>
<td>TH240g-B100</td>
<td>Blank jaws</td>
<td>30x100 mm</td>
<td>0 – 20 mm</td>
<td>10 – 28 mm</td>
<td>0.46 kg</td>
</tr>
<tr>
<td>TH240g-B1G00</td>
<td>Rubber jaws</td>
<td>30x100 mm</td>
<td>0 – 18 mm</td>
<td>8 – 26 mm</td>
<td>0.47 kg</td>
</tr>
<tr>
<td>TH240g-BP100</td>
<td>Pyramid jaws</td>
<td>30x100 mm</td>
<td>0 – 20 mm</td>
<td>10 – 28 mm</td>
<td>0.44 kg</td>
</tr>
<tr>
<td>TH240g-BW100</td>
<td>Wave jaws</td>
<td>30x100 mm</td>
<td>0 – 20 mm</td>
<td>10 – 28 mm</td>
<td>0.42 kg</td>
</tr>
<tr>
<td>TH240g-BD100</td>
<td>Diamond jaws</td>
<td>30x100 mm</td>
<td>0 – 20 mm</td>
<td>10 – 28 mm</td>
<td>0.46 kg</td>
</tr>
</tbody>
</table>

* L51.5 rod is not included in scope of supply and must be ordered separately. Item no.: TH240g-Ko-09-L51.5.

Insert jaws for TH240g+Ko and TH240g+2Ko
Scope of delivery 1 set = 4 jaws
Quick-change system.
Insert jaws require carriers (TH240g-GT)

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Surface</th>
<th>Clamping surface</th>
<th>Opening</th>
<th>Weight per pair</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH240g-GT</td>
<td>Carrier</td>
<td>-</td>
<td>-</td>
<td>0.18 kg</td>
</tr>
<tr>
<td>TH240g-EB</td>
<td>Blank insert jaws</td>
<td>30 x 50 mm</td>
<td>0 – 14 mm</td>
<td>0.14 kg</td>
</tr>
<tr>
<td>TH240g-EBG</td>
<td>Rubber insert jaws</td>
<td>30 x 50 mm</td>
<td>0 – 12 mm</td>
<td>0.14 kg</td>
</tr>
<tr>
<td>TH240g-EBP</td>
<td>Pyramid insert jaws</td>
<td>30 x 50 mm</td>
<td>0 – 14 mm</td>
<td>0.13 kg</td>
</tr>
<tr>
<td>TH240g-EBV</td>
<td>V insert jaws</td>
<td>Height 30 mm</td>
<td>Ø 3 – 14 mm</td>
<td>0.13 kg</td>
</tr>
<tr>
<td>TH240g-EBW</td>
<td>Wave insert jaws</td>
<td>30 x 50 mm</td>
<td>0 – 14 mm</td>
<td>0.12 kg</td>
</tr>
<tr>
<td>TH240g-EBD</td>
<td>Diamond insert jaws</td>
<td>30 x 50 mm</td>
<td>0 – 14 mm</td>
<td>0.14 kg</td>
</tr>
<tr>
<td>TH240g-EB100</td>
<td>Blank insert jaws</td>
<td>30 x 100 mm</td>
<td>0 – 10 mm</td>
<td>0.37 kg</td>
</tr>
<tr>
<td>TH240g-EBG100</td>
<td>Rubber insert jaws</td>
<td>30 x 100 mm</td>
<td>0 – 8 mm</td>
<td>0.38 kg</td>
</tr>
<tr>
<td>TH240g-EBP100</td>
<td>Pyramid insert jaws</td>
<td>30 x 100 mm</td>
<td>0 – 10 mm</td>
<td>0.35 kg</td>
</tr>
<tr>
<td>TH240g-EBW100</td>
<td>Wave insert jaws</td>
<td>30 x 100 mm</td>
<td>0 – 10 mm</td>
<td>0.34 kg</td>
</tr>
<tr>
<td>TH240g-EBD100</td>
<td>Diamond insert jaws</td>
<td>30 x 100 mm</td>
<td>0 – 10 mm</td>
<td>0.38 kg</td>
</tr>
</tbody>
</table>

Blank jaws
- Applicable for own further treatments
- Steel blanks without coating

Rubber jaws
- 1 mm rubber coating (NBR)
- Nickel-plated

Pyramid jaws
- Pyramids 1.2x45°
- Hardened steel 58 HRC
- Nickel-plated

V-jaws
- For all kinds of round samples
- Tooth pitch 1 mm (BV5) or 0.8 mm (BV2)
- Hardened steel 58HRC
- Nickel-plated

Wave jaws
- For flexible materials
- Wave 5 mm
- Hardened steel 58HRC
- Nickel-plated

Diamond jaws
- Clamping surface coated with synthetic diamonds
- Nickel-plated

All specifications subject to change without prior notice
TH240q+2Ko with a pneumatic micro hand switch TH205-4. An additional T-piece is needed.
Customized solutions:

- TH240g-BP25x25
  HxW 30x50 mm
- TH240g-BW30x130
  HxW 30x130 mm
- TH240g-BVG
  Rubber-coated V-jaws

TH240g+Ko+UP10

Additional plates between pneumatic rods and grip bodies allow to minimize distance between grips to 0

Test videos:

- http://www.youtube.com/watch?v=Mk_O7LWxih0
  TH240g+Ko+BW
  Test with yellow ribbon at 12 bar pressure

- http://www.youtube.com/watch?v=N9gA2_ThfHQ
  TH240g+Ko+BV
  Solar cell plug testing
Pneumatic accessories:

**TH205-1**
2 pneumatic foot switches, tubes and fittings
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**
2 pneumatic foot switches, tubes and fittings,
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-PR16**
Optional for TH205-1 or TH205-2
Pressure regulator
To adjust air pressure: 1-16 bar

**TH205-3**
1 unit of pneumatic hand switches, tubes and fittings
With locking function: Handle with 2 positions. 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

**TH205-4-1/8”**
Pneumatic micro – hand switches, tubes and fittings, 1/8” 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
Requires T-Piece for 2 rods

**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

See also [TH205_Datasheet.pdf](#)