PNEUMATIC GRIPS
Universal pneumatic grips for quick clamping action to test foils, textiles, paper, etc. Easy to use since there is enough space behind the jaws.

Also available as manual vise grip, see TH56g data sheet

<table>
<thead>
<tr>
<th>Item no.:</th>
<th>TH56g+Ko</th>
<th>TH56g+2Ko</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clamping force:</td>
<td>2.6 kN</td>
<td></td>
</tr>
<tr>
<td>Jaw opening:</td>
<td>0 – 14 mm depending on jaw type (see page 3)</td>
<td></td>
</tr>
<tr>
<td>Coupling:</td>
<td>Af159 or Af20</td>
<td>Further couplings on request</td>
</tr>
<tr>
<td>Pneumatic connection:</td>
<td>1/8” internal thread</td>
<td></td>
</tr>
<tr>
<td>Body:</td>
<td>Anodized aluminium</td>
<td></td>
</tr>
<tr>
<td>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>1.5 kg (TH56g+Ko)</td>
<td>1.85 kg (TH56g+2Ko)</td>
</tr>
<tr>
<td>Scope of supply:</td>
<td>1 pair of grips without jaws</td>
<td></td>
</tr>
</tbody>
</table>

All specifications subject to change without prior notice
**Item no.:** TH56g-H200+Ko  
TH56g-H200+2Ko

- **Clamping force:** 2.6 kN
- **Jaw opening:** 0 – 42 mm depending on jaw type (see page 3)
- **Coupling:** Af159 or Af20  
  Further couplings on request
- **Pneumatic connection:** 1/8” internal thread
- **Body:** Anodized aluminium
- **Temperature range:** 0 ... +70°C  
  Further temperature ranges on request
- **Weight per grip with jaws:** 1.5 kg (TH56g-H200+Ko)  
  1.85 kg (TH56g-H200+2Ko)
- **Scope of supply:** 1 pair of grips without jaws

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Jaws for TH56g+Ko and TH56g-H200+Ko

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 TH56g+Ko</th>
<th>Opening TH56g-H200+Ko*</th>
<th>Weight per pair</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH56g-B</td>
<td>Blank jaws</td>
<td>30 x 50 mm</td>
<td>0 – 14 mm</td>
<td>0 – 42 mm</td>
<td>0.13 kg</td>
</tr>
<tr>
<td>TH56g-BG</td>
<td>Rubber-coated jaws</td>
<td>30 x 50 mm</td>
<td>0 – 12 mm</td>
<td>0 – 40 mm</td>
<td>0.13 kg</td>
</tr>
<tr>
<td>TH56g-BP</td>
<td>Pyramid (serrated) jaws</td>
<td>30 x 50 mm</td>
<td>0 – 14 mm</td>
<td>0 – 42 mm</td>
<td>0.12 kg</td>
</tr>
<tr>
<td>TH56g-BV2</td>
<td>V jaws</td>
<td>30 x 50 mm</td>
<td>2 – 14 mm Ø</td>
<td>2 – 42 mm Ø</td>
<td>0.13 kg</td>
</tr>
<tr>
<td>TH56g-BV5</td>
<td>V jaws</td>
<td>30 x 50 mm</td>
<td>5 – 14 mm Ø</td>
<td>5 – 42 mm Ø</td>
<td>0.13 kg</td>
</tr>
<tr>
<td>TH56g-BW</td>
<td>Wave jaws</td>
<td>30 x 50 mm</td>
<td>0 – 14 mm</td>
<td>0 – 42 mm</td>
<td>0.12 kg</td>
</tr>
<tr>
<td>TH56g-BD</td>
<td>Diamond jaws</td>
<td>30 x 50 mm</td>
<td>0 – 14 mm</td>
<td>0 – 42 mm</td>
<td>0.13 kg</td>
</tr>
</tbody>
</table>

*2 rods are required: for opening 0-20 mm and opening 22-42 mm

**Examples for customized solutions:**

- TH56k-BG20x20
- TH56k-BP0.5x45 Fine serration 0.5 mm
- TH56k-BP20x30
- TH56k-BTe Teflon coating
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  1/8” Hand switches**
Pneumatic micro – hand switches, tubes and fittings, 1/8” connection
The hand switches are directly mounted at the grips. 3/2 directional valve
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