GP-1X Pneumatic grip

- Clamping force: 1 kN / 7 bar
- Opening: 0-10 mm (depending on jaws)
- Temperature range: 0°C - +70°C (depending on jaws)
  Other temperature ranges on request
- Body: Aluminium anodized
- Pneumatic connection: internal thread M5
- Weight: 260 gram per item (without jaws)
- Scope of delivery: 1 pair

Jaws for GP-1X: Scope of delivery 1 set = 4 jaws

<table>
<thead>
<tr>
<th>Item number</th>
<th>Surface</th>
<th>Clamping surface H x W</th>
<th>Opening</th>
<th>Weight per pair</th>
</tr>
</thead>
<tbody>
<tr>
<td>GP-1X-B25</td>
<td>Blank jaws</td>
<td>10 x 25mm</td>
<td>0 - 8mm*</td>
<td>18 gram</td>
</tr>
<tr>
<td>GP-1X-BG25</td>
<td>Rubber jaws</td>
<td>10 x 25mm</td>
<td>0 - 6mm</td>
<td>19 gram</td>
</tr>
<tr>
<td>GP-1X-BP25</td>
<td>Pyramid jaws</td>
<td>10 x 25mm</td>
<td>0 - 8mm*</td>
<td>17 gram</td>
</tr>
<tr>
<td>GP-1X-BW25x25</td>
<td>Wave jaws</td>
<td>25 x 25mm</td>
<td>0 - 6mm</td>
<td>48 gram</td>
</tr>
<tr>
<td>GP-1X-BD25</td>
<td>Diamond jaws</td>
<td>10 x 25mm</td>
<td>0 - 8mm*</td>
<td>18 gram</td>
</tr>
<tr>
<td>GP-1X-B50</td>
<td>Blank jaws</td>
<td>10 x 50mm</td>
<td>0 - 6mm</td>
<td>46 gram</td>
</tr>
<tr>
<td>GP-1X-BG50</td>
<td>Rubber jaws</td>
<td>10 x 50mm</td>
<td>0 - 4mm</td>
<td>48 gram</td>
</tr>
<tr>
<td>GP-1X-BP50</td>
<td>Pyramid jaws</td>
<td>10 x 50mm</td>
<td>0 - 6mm</td>
<td>43 gram</td>
</tr>
<tr>
<td>GP-1X-BW50x25</td>
<td>Wave jaws</td>
<td>25 x 50mm</td>
<td>0 - 6mm</td>
<td>100 gram</td>
</tr>
<tr>
<td>GP-1X-BD50</td>
<td>Diamond jaws</td>
<td>10 x 50mm</td>
<td>0 - 6mm</td>
<td>46 gram</td>
</tr>
<tr>
<td>GP-1X-B100</td>
<td>Blank jaws</td>
<td>10 x 100mm</td>
<td>0 - 6mm</td>
<td>92 gram</td>
</tr>
<tr>
<td>GP-1X-BG100</td>
<td>Rubber jaws</td>
<td>10 x 100mm</td>
<td>0 - 4mm</td>
<td>95 gram</td>
</tr>
<tr>
<td>GP-1X-BD100</td>
<td>Diamond jaws</td>
<td>10 x 100mm</td>
<td>0 - 6mm</td>
<td>92 gram</td>
</tr>
</tbody>
</table>

* Special pins to change the opening to 2 – 10mm are included in price of the grips. Grip reassembly is necessary to change the pins. Jaws with other dimensions and surfaces on request

Examples for other versions and custom-built solutions

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

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

Pyramid jaws
- Pyramids 0.8x45°
- Hardened steel 58 HRC
- Nickel plated

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

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

**GP-1 Non-Locking Foot Switches**
2 pneumatic foot switches, tubes and fittings
Non-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

**GP-2 Locking Foot Switches**
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

**GP-PR**
Optional for GP-1 or GP-2
Pressure regulator
To adjust air pressure: 1-10 bar

**GP-3 Locking Hand Switches**
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

**GP-CR**
Silent compressor appropriate for laboratories
Max pressure: 16 bar; noise level: 45dB(A)
Motor 400 Watt; displacement 25 l/min
With pressure reducer/water trap
Dimensions: 280x190x240 mm (L x W x H); weight ~ 14 kg