**GP-7T Pneumatic grip**

- Clamping force: 7 kN / 7 bar (max. 16 bar)
- Standard temperature range: 0 °C - +70°C

Further temperature ranges available on request.
- Body made of aluminum
- Pneumatic internal thread connection: 1/8”
- Weight 3.2 kg per grip without jaws
- Scope of supply: 1 pair

**Jaws for GP-7T:** Scope of supply: 1 Set = 4 jaws

### Blank (smooth) jaws
- Suitable for own further treatments
- Steel-blanks without coating

### Pyramid jaws (serrated)
- Pyramid 1.2x45
- Hardened steel 58HRC
- Nickel-plated

### Wave jaws (corrugated)
- For flexible materials
- Wave 5 mm
- Hardened steel 58HRC
- Nickel-plated

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

### V-jaws
- For all kinds of round samples
- Tooth pitch 1.2 mm
- Hardened steel 58HRC
- Nickel-plated

### Diamond coated jaws
- Clamping surface coated with synthetic diamonds D91 (170/200 mesh)
- Nickel-plated

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**Item number** | **Surface** | **Clamping surface H x W** | **Opening** | **Temperature range** | **Weight/ 1 pair**
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GP-7T-B | Blank jaws | 40 x 60mm | 0 - 10 mm | +20 °C - +180°C | 0.35 kg
GP-7T-BG | Rubber coated jaws | 40 x 60mm | 0 - 10 mm | -70 °C - +70°C | 0.36 kg
GP-7T-BP | Pyramid jaws | 40 x 60mm | 0 - 10 mm | -70 °C - +180°C | 0.33 kg
GP-7T-BV | V-jaws | 40 x 60mm | 4 - 10 mm Ø** | -70 °C - +180°C | 0.32 kg
GP-7T-BW | Wave jaws | 40 x 60mm | 0 - 10 mm | -70 °C - +180°C | 0.40 kg
GP-7T-BD | Diamond coated jaws | 40 x 60mm | 0 - 10 mm | -70 °C - +180°C | 0.35 kg
GP-7T-B100 | Blank jaws | 40 x 100 mm | 0 - 10 mm | +20 °C - +180°C | 0.72 kg
GP-7T-BG100 | Rubber coated jaws | 40 x 100 mm | 0 - 10 mm | -70 °C - +70°C | 0.74 kg
GP-7T-BP100 | Pyramid jaws | 40 x 100 mm | 0 - 10 mm | -70 °C - +180°C | 0.69 kg
GP-7T-BW100 | Wave jaws | 40 x 100 mm | 0 - 10 mm | -70 °C - +180°C | 0.66 kg
GP-7T-BD100 | Diamond coated jaws | 40 x 100 mm | 0 - 10 mm | -70 °C - +180°C | 0.72 kg
GP-7T-BP200 | Pyramid jaws | 60 x 200 mm | 0 - 10 mm | -70 °C - +70°C | 3.00 kg
GP-7T-BGZ200 | Rubber jaws | 60 x 200 mm | 0 - 10 mm | -70 °C - +180°C | 3.06 kg
GP-7T-BW200 | Wave jaws | 60 x 200 mm | 0 - 10 mm | -70 °C - +180°C | 3.00 kg

* Rods for 10mm – 20mm and 20mm – 30mm openings are included in the scope of delivery.

**Inset jaws for GP-7T:**

### Jaw quick changing system

Inset jaws require carriers (GP-7T-GT)

Scope of delivery: 1 Set = 4 jaws

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**Item number** | **Surface** | **Clamping surface H x W** | **Opening** | **Temperature range** | **Weight/ 1 pair**
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GP-7T-GT | Carrier | - | - | -70 °C - +180°C | 0.33 kg
GP-7T-EB | Blank inset jaws | 50 x 60mm | 0-9mm | +20 °C - +180°C | 0.29 kg
GP-7T-EBG | Rubber coated inset jaws | 50 x 60mm | 0-9mm | -70 °C - +70°C | 0.30 kg
GP-7T-EBP | Pyramid inset jaws | 50 x 60mm | 0-9mm | -70 °C - +180°C | 0.28 kg
GP-7T-EBW | Wave inset jaws | 50 x 60mm | 0-9mm | -70 °C - +180°C | 0.26 kg
GP-7T-EBD | Diamond coated inset jaws | 50 x 60mm | 0-9mm | -70 °C - +180°C | 0.29 kg
GP-7T-GT100 | Carrier | - | - | -70 °C - +180°C | 0.69 kg
GP-7T-EB100 | Blank inset jaws | 50 x 100mm | 0-9mm | +20 °C - +180°C | 0.63 kg
GP-7T-EBG100 | Rubber coated inset jaws | 50 x 100mm | 0-9mm | -70 °C - +70°C | 0.65 kg
GP-7T-EBP100 | Pyramid inset jaws | 50 x 100mm | 0-9mm | -70 °C - +180°C | 0.60 kg
GP-7T-EBW100 | Wave inset jaws | 50 x 100mm | 0-9mm | -70 °C - +180°C | 0.57 kg
GP-7T-EBD100 | Diamond coated inset jaws | 50 x 100mm | 0-9mm | -70 °C - +180°C | 0.63 kg

* On request: opening 9–19mm
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-+PR**
Optional for TH205-1 or TH205-2
Pressure regulator
To adjust air pressure: 1-10 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**
Pneumatic Micro – hand switches, tubes and fittings
*With locking function:* The hand switches will be connected directly at the grips (only for 1/8" couplings), 3/2 directional valve
Scope of supply: 2 hand switches including tubes and fittings

**TH216**
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