TH83 Pneumatic grip

Clamping force: 7 kN /7 bar (max.16 bar)
Standard temperature range: 0 °C - +70°C
Further temperature ranges on request
Body made of aluminum

Pneumatic internal thread connection: 1/8"

Weight 3.2 kg each without jaws

Scope of supply: 1 pair

Jaws for TH83:
- Blank (smooth) jaws
  - Suitable for own further treatments
  - Steel-blanks without coating
- Pyramid jaws (serrated)
  - Pyramids 1.2x45°
  - Hardened steel 58HRC
  - Nickel-plated
- V-jaws
  - For all kinds of round samples
  - Tooth pitch 1.2 mm
  - Hardened steel 58HRC
  - Nickel-plated
- Wave jaws (corrugated)
  - For flexible materials
  - Wave 5 mm
  - Hardened steel 58HRC
  - Nickel-plated
- Diamond coated jaws
  - Clamping surface coated with synthetic diamonds D91 (170/200 mesh)
  - Nickel-plated

Insert jaws for TH83:
- Jaw quick changing system
- Insert jaws require carriers (TH83-GT)
- Scope of delivery: 1 set = 4 jaws

Jaws with other dimensions and surface coatings on request

All specifications subject to change without prior notice
TH83 + TH83-BW200

TH83 + TH83-GT100 + TH83-EBG100

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 for TH83**
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

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Siehe auch
www.grip.de/G12

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