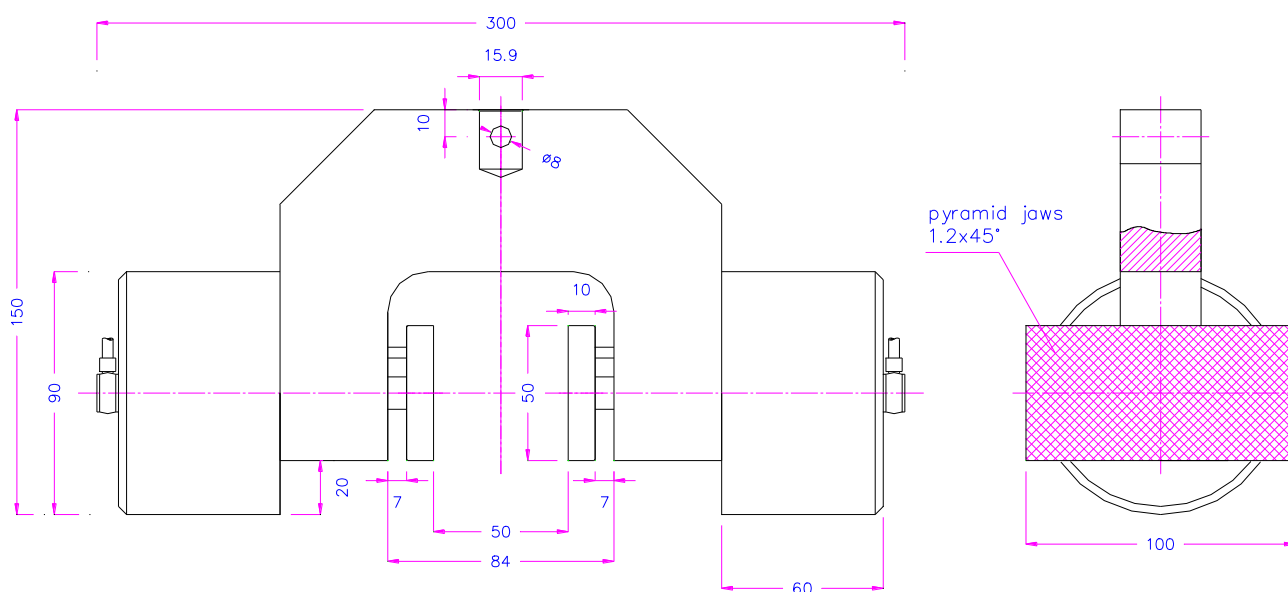
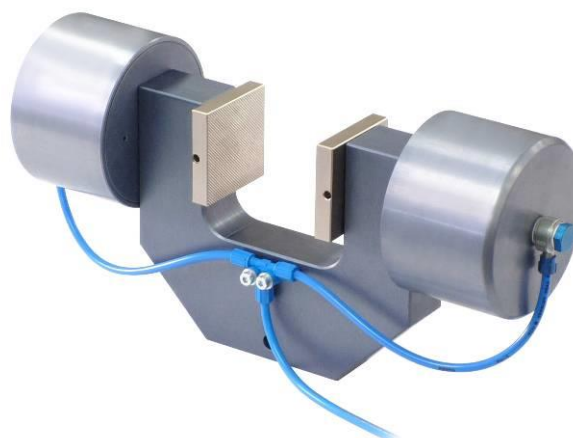


## Pneumatic grip with symmetrical jaw movement

|                    |   |
|--------------------|---|
| <b>Item no.:</b>   | <b>THS22-S60</b>                                |
| Load:              | Max. 5 kN                                       |
| Clamping force:    | 3.5 kN (7 bar)<br>Max. 8 kN (16 bar with TH216) |
| Temperature range: | 0° ... +70°C<br>Further ranges on request       |
| Standard coupling: | Af159 or Af20<br>Further couplings on request   |
| Body:              | Aluminum, anodized                              |
| Jaws:              | Hardened steel 58HRC                            |
| Weight:            | 2.6 kg per grip without jaws                    |
| Scope of delivery: | 1 pair of grips without jaws                    |



### Jaws for THS22\* Scope of delivery: 1 set = 4 jaws

| Item no.    | Surface                  | Clamping surface HxW | Opening     | Weight per pair |
|-------------|--------------------------|----------------------|-------------|-----------------|
| THS22-B     | Blank (smooth) jaws      | 50x50 mm             | 0 - 60 mm   | 0.38 kg         |
| THS22-BP    | Pyramid (serrated) jaws  | 50x50 mm             | 0 - 60 mm   | 0.36 kg         |
| THS22-BV4   | V-jaws for round samples | Height 50 mm         | 4 - 30 mm Ø | 0.19 kg         |
| THS22-BG    | Rubber-coated jaws       | 50x50 mm             | 0 - 60 mm   | 0.39 kg         |
| THS22-BW    | Wave jaws                | 50x50 mm             | 0 - 60 mm   | 0.34 kg         |
| THS22-BD    | Diamond-coated jaws      | 50x50 mm             | 0 - 60 mm   | 0.38 kg         |
| THS22-B100  | Blank (smooth) jaws      | 50x100 mm            | 0 - 60 mm   | 0.76 kg         |
| THS22-BP100 | Pyramid (serrated) jaws  | 50x100 mm            | 0 - 60 mm   | 0.72 kg         |
| THS22-BG100 | Rubber-coated jaws       | 50x100 mm            | 0 - 60 mm   | 0.78 kg         |
| THS22-BW100 | Wave jaws                | 50x100 mm            | 0 - 60 mm   | 0.70 kg         |
| THS22-BD100 | Diamond-coated jaws      | 50x100 mm            | 0 - 60 mm   | 0.76 kg         |

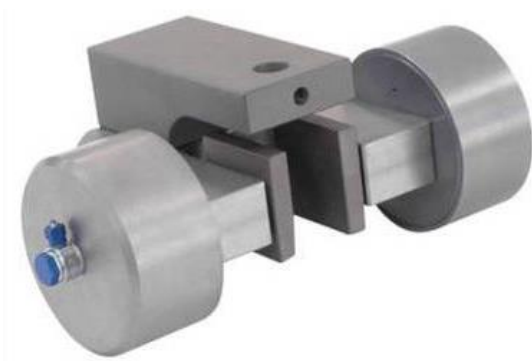
### Insert jaws for THS22\*

Jaw quick-change system. Insert jaws require a carrier (THS22-GT). Scope of delivery: 1 set = 4 jaws

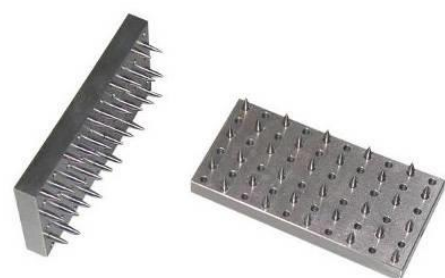
| Item no.   | Surface                         | Clamping surface HxW | Opening     | Weight per pair |
|------------|---------------------------------|----------------------|-------------|-----------------|
| THS22-GT   | Carrier                         | -                    | -           | 0.32 kg         |
| THS22-EB   | Blank insert jaws               | 50x50 mm             | 0 - 46 mm   | 0.32 kg         |
| THS22-EBV4 | V-insert jaws for round samples | Height 50 mm         | 4 - 14 mm Ø | 0.15 kg         |
| THS22-EBP  | Pyramid (serrated) insert jaws  | 50x50 mm             | 0 - 46 mm   | 0.29 kg         |
| THS22-EBG  | Rubber-coated insert jaws       | 50x50 mm             | 0 - 44 mm   | 0.33 kg         |
| THS22-EBW  | Wave insert jaws                | 50x50 mm             | 0 - 46 mm   | 0.30 kg         |
| THS22-EBD  | Diamond-coated insert jaws      | 50x50 mm             | 0 - 46 mm   | 0.32 kg         |

\*Jaws with other surface coatings and openings are possible on request

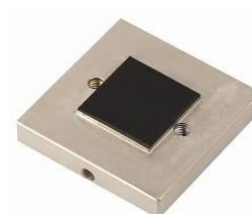
Examples for customized solutions:



**THS22-S60-A90**  
Reduced height 90 mm



**THS22-B50x80-S3**  
Needle jaws for foam, Rockwool



**THS22-BG25.4x25.4**  
Jaws 50x50 mm with elevated rubber-coated clamping surface 25.4 x 25.4 mm



**THS22-BP60**  
Pyramid jaws 60x60 mm



**THS22-BP0.8x45**  
Pyramid jaws 50x50 mm with 0.8x45 pyramids

**Pneumatic 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-M5 Hand switches for THS22**

Pneumatic micro – hand switches, tubes and fittings, M5 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