

CAPSTAN RIBBON GRIPS

to test metal foils, ribbons, straps, etc.

Manual and pneumatic modifications available.

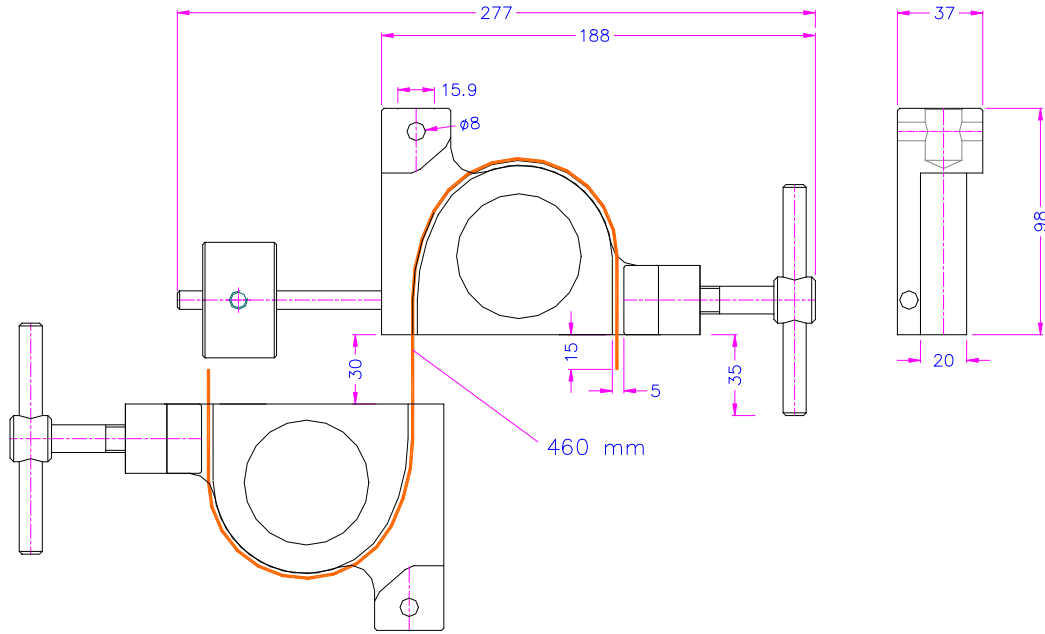
Manual grips

| Item no.: | TH172-20 | TH172-40 | TH172-60 |
|-----------------------|--|---|---|
| Max. load: | 20 kN | 20 kN (with Af159) 50 kN (with Af318) | 50 kN |
| Coupling: | Af159 or Af20 | Af159 or Af318 | Af318 |
| Max. sample width: | 20 mm | 40 mm | 60 mm |
| Min. sample length: | 460 mm | 460 mm | 460 mm |
| Jaw surfaces: | Blank jaws Diamond-coated jaws | Blank jaws Diamond-coated jaws | Blank jaws Pyramid (serrated) jaws Wave jaws Diamond-coated jaws |
| Clamping surface HxW: | 30x20 mm | 30x40 mm | 30x60 mm |
| Body: | Steel, nickel-plated | Steel, nickel-plated | Steel, nickel-plated |
| Temperature range: | -70°C ... +350°C | -70°C ... +350°C | -70°C ... +350°C |
| Weight incl. jaws: | Grip with counterweight – 2.3 kg Grip without counterweight – 1.45 kg | Grip with counterweight – 6.35 kg Grip without counterweight – 5.15 kg | Grip with counterweight – 6.78 kg Grip without counterweight – 5.58 kg |
| Scope of supply: | 1 pair of grips | 1 pair of grips | 1 pair of grips |

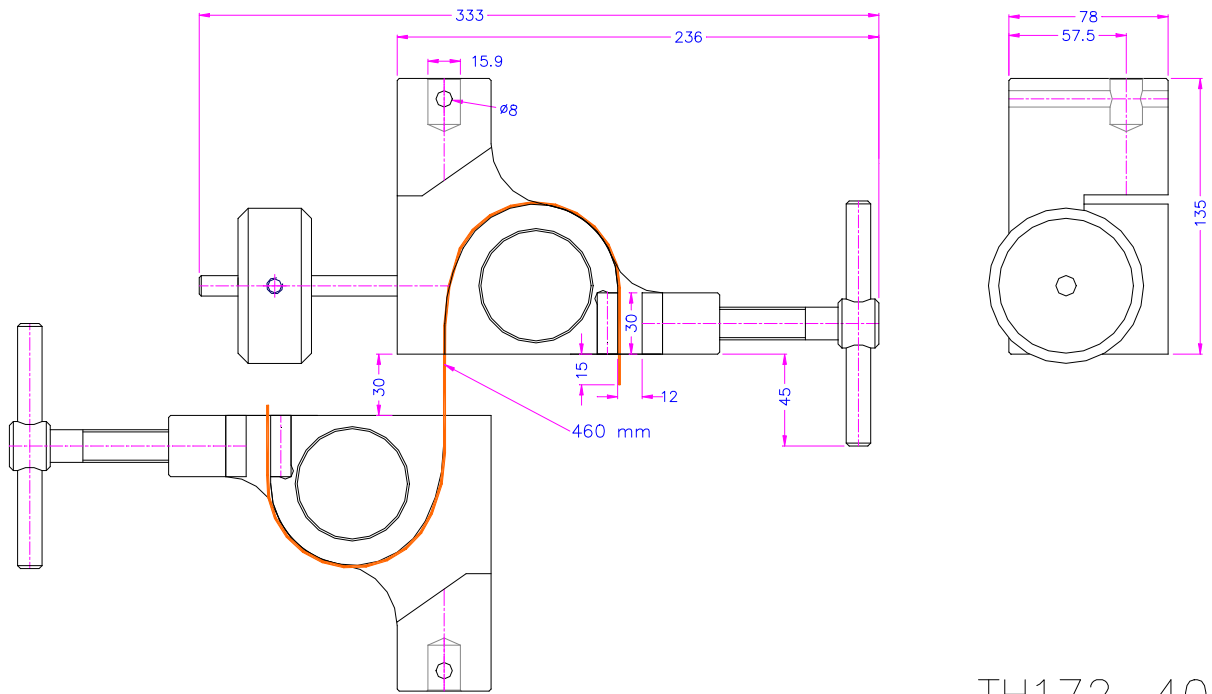
Further couplings, temperature ranges and jaw surfaces on request.



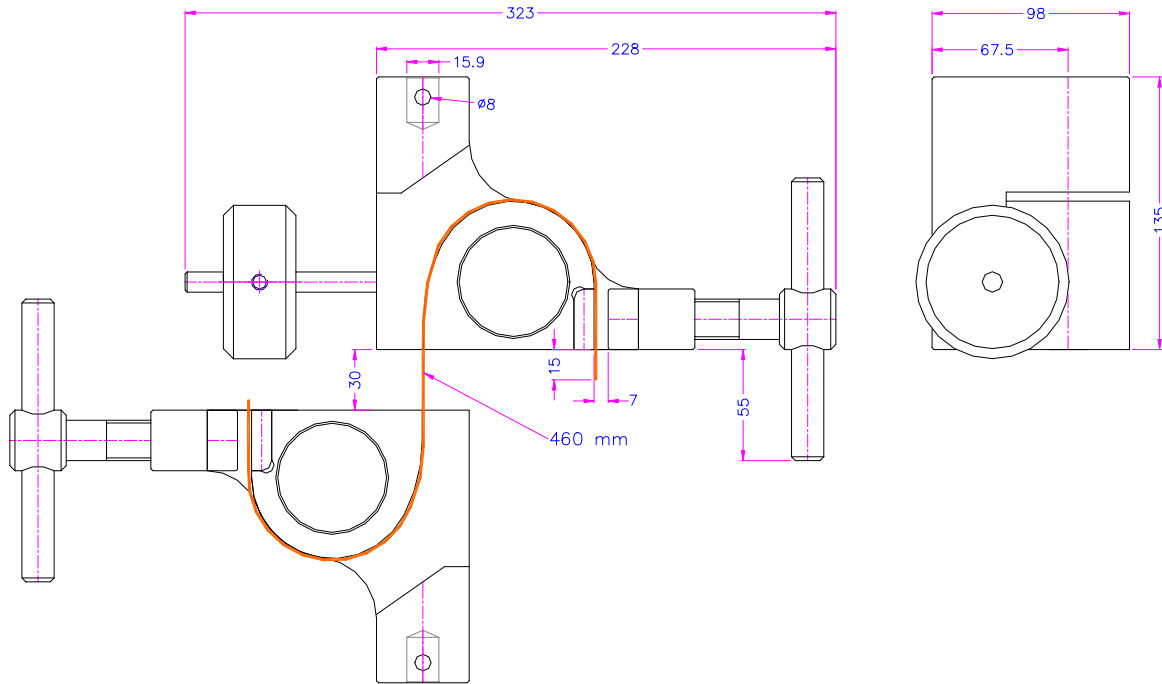
TH172-20 with a specimen



TH172-20



TH172-40



TH172-60

Jaws for TH172 manual grips:



Diamond-coated jaws for TH172-20



Blank jaws for TH172-40



Diamond-coated jaws for TH172-40



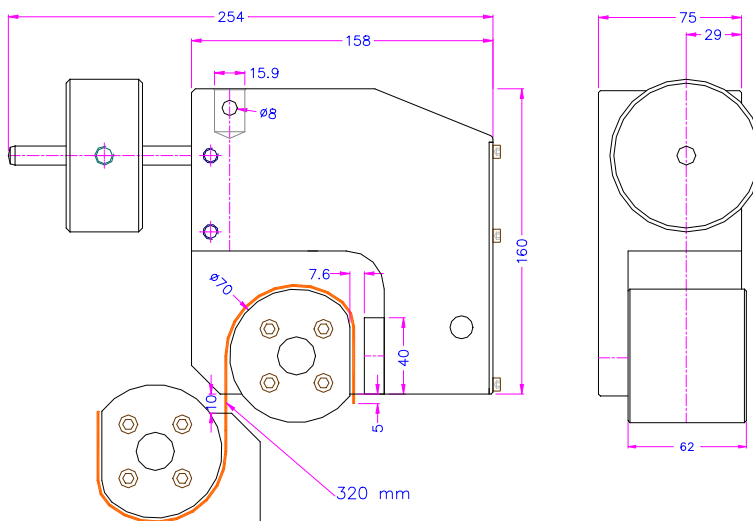
Pyramid (serrated) jaws for TH172-60



Wave jaws for TH172-60

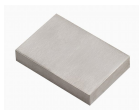
Pneumatic modification

| Item no.: | TH172-P TH172-P-T180 |
|------------------------|--|
| Max. load: | 7 kN at 7 bar |
| Coupling: | Af159. Further couplings on request. |
| Pneumatic connection: | 1/8" |
| Max. sample thickness: | 4 mm |
| Min. sample length: | 320 mm |
| Clamping surface HxW: | 40x60 mm |
| Jaw surfaces: | Blank jaws Diamond-coated jaws Rubber-coated jaws Pyramid (serrated) jaws |
| Body: | Aluminium anodized |
| Temperature range: | 0..+70°C or -30°C ... +180°C |
| Weight incl. jaws: | Grip with counterweight – 8.4 kg Grip without counterweight – 5.7 kg |
| Scope of supply: | 1 pair of grips |

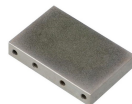


TH172-P

Jaws for TH172-P



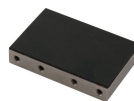
Blank (smooth) jaws
 - Suitable for own further treatments
 - Steel-blanks without coating



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



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



Rubber coated jaws
 - 1 mm rubber coated (NBR)
 - Nickel-plated
 -0°C ..+70°C