

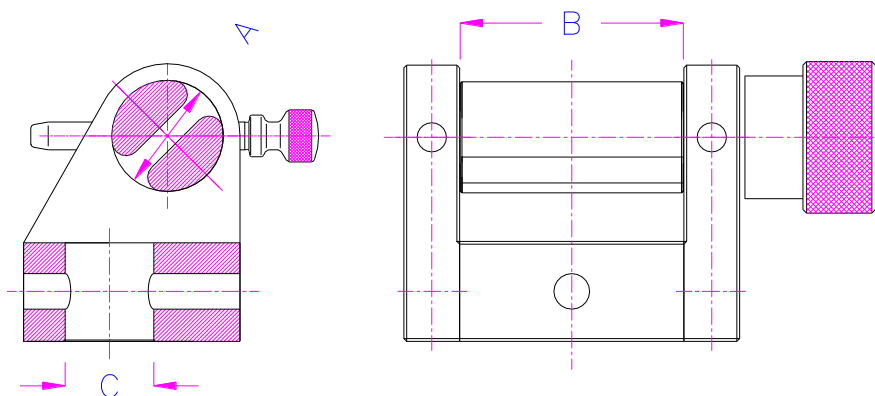
Ribbon grips

TH222 ribbon grips are applicable for soft and flexible samples – ribbons, fabrics etc.

Depending on the friction coefficient of the sample, the sample will be wrapped once or multiple times around the roll.

Temperature range: -40 ... +350°C
Further temperature ranges on request.

Order information:
TH222 are supplied in pairs, but can also be ordered as a single grip (0.5 pair).



| | TH222-30-80 | TH222-40-80 | TH222-60-80 | TH222-60-100 | TH222-60-120 | TH222-80-120 |
|-----------------------------|-------------|-------------|-------------|--------------|--------------|--------------|
| Tensile force | 20 kN | 50 kN | 100 kN | 100 kN | 100 kN | 150 kN |
| A: Roll diameter Ø | 30 mm | 40 mm | 60 mm | 60 mm | 60 mm | 80 mm |
| B: Max. sample width | 80 mm | 80 mm | 80 mm | 100 mm | 120 mm | 120 mm |
| Max. thickness | 5 mm | 7 mm | 11 mm | 11 mm | 11 mm | 11 mm |
| Min. sample length | 460 mm | 600 mm | 910 mm | 910 mm | 910 mm | 1160 mm |
| C: Coupling* | Af159* | Af318* | Af40* | Af40* | Af40* | Af40* |
| Weight /grip | 2.3 kg | 4.5 kg | 7.3 kg | 8.1 kg | 8.8 kg | 15 kg |

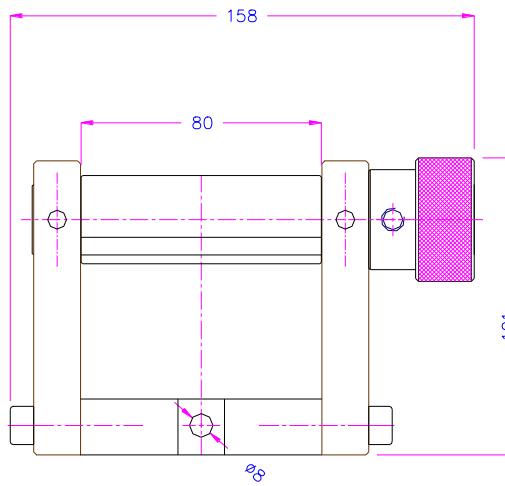
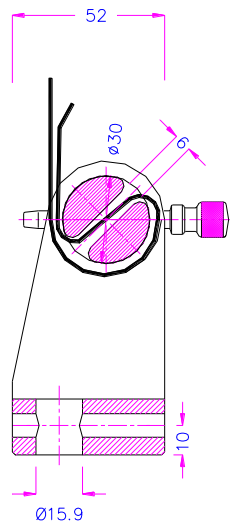
*Further couplings on request.



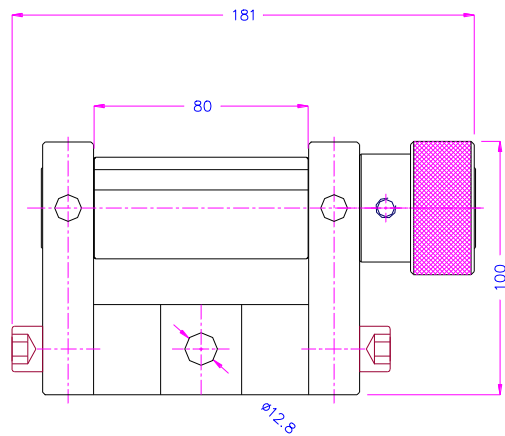
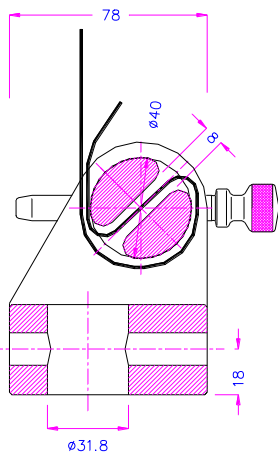
TH222-30-80



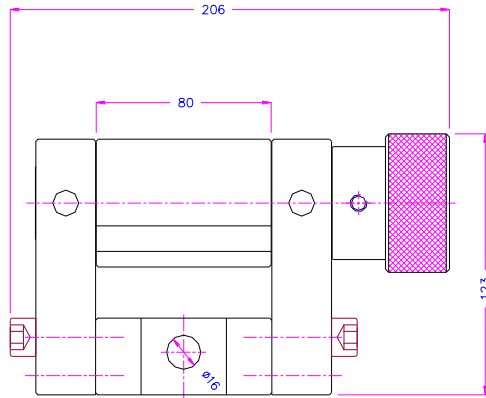
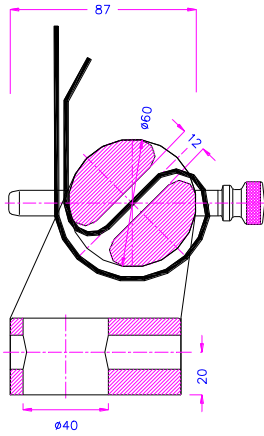
TH222-60-80



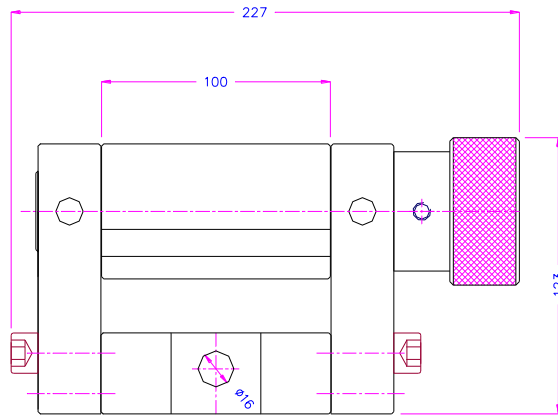
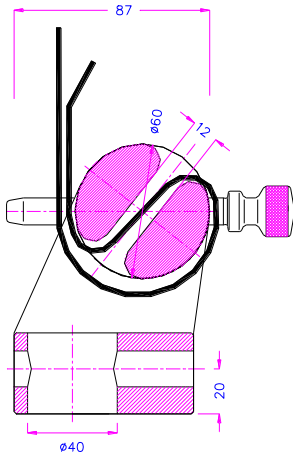
TH222-30-80



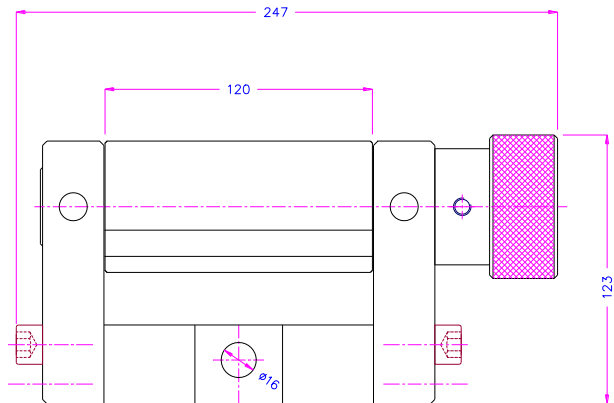
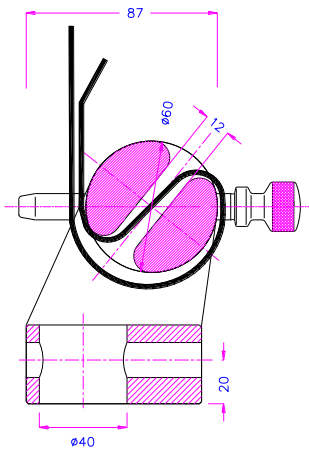
TH222-40-80



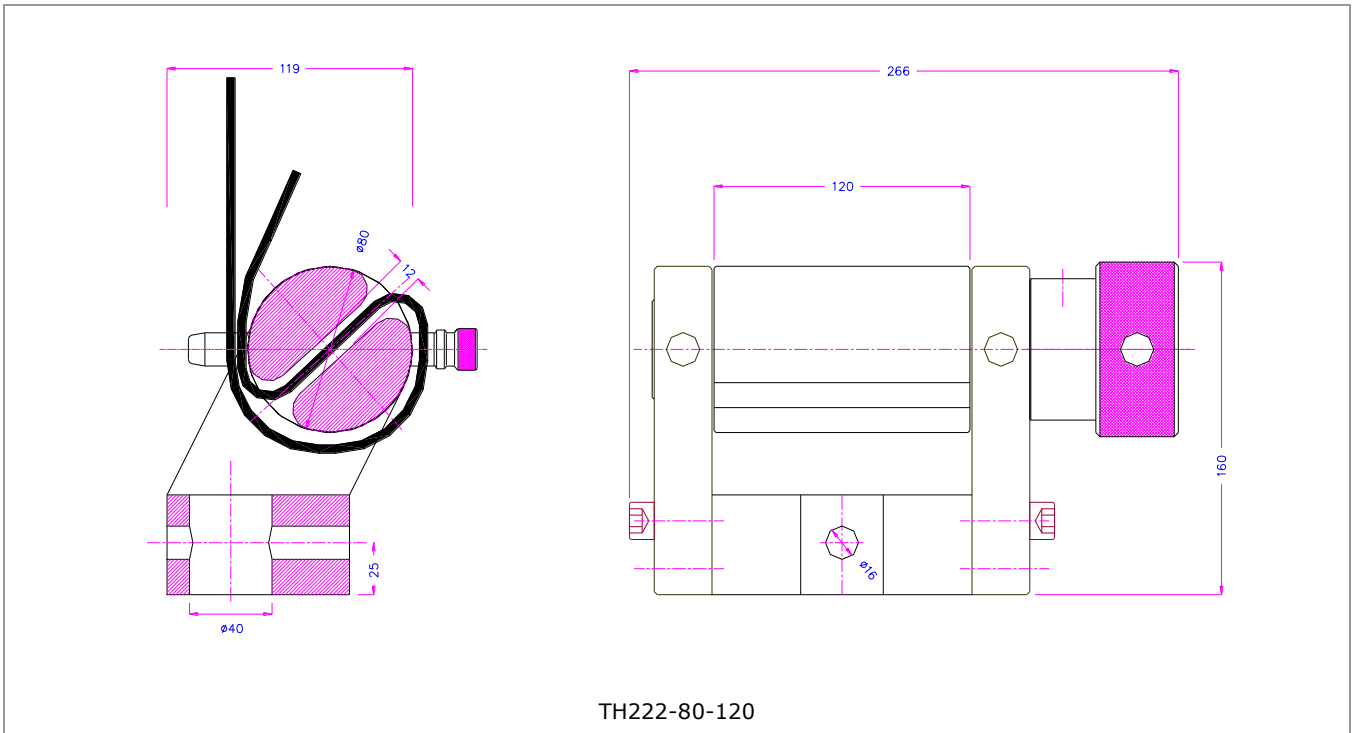
TH222-60-80



TH222-60-100



TH222-60-120




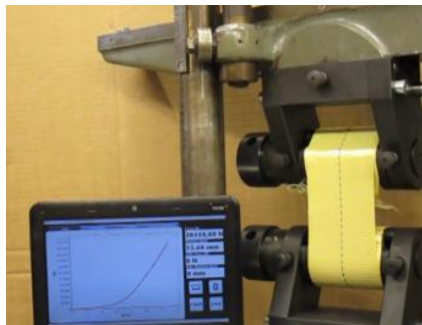


TH222-80-120

Examples for customized versions

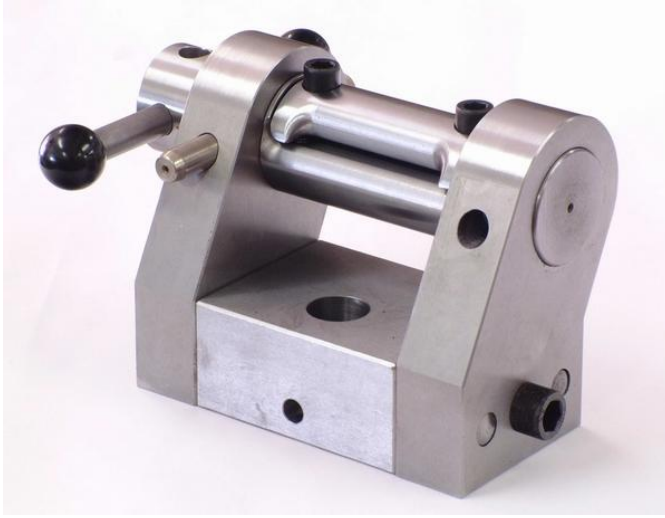
| | | | |
|---|--|--|---|
|  | <p>TH222-6-40 Ø Roll 6 mm 40 mm width Special small version</p> |  | <p>TH222-100-80-AL Ø Roll 100 mm 80 mm width Aluminum</p> |
|  | <p>TH222-150-160 Ø Roll 150 mm 160 mm width 300 kN</p> |  | <p>TH222-60-310 Ø Roll 60 mm 310 mm width Steel Nickel</p> |

Videos of tensile tests with TH222

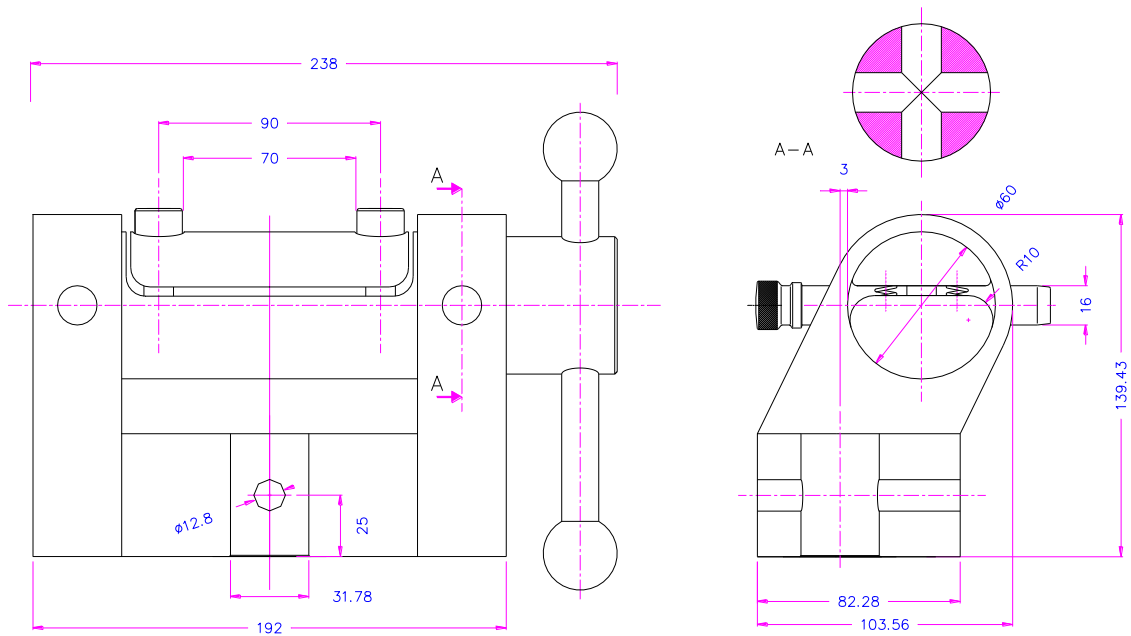
| | |
|--|--|
|  |  |
| <p>TH222-40-80 with textile ribbon</p> | <p>TH222-40-80 with plastic ribbon</p> |
| <p>http://www.youtube.com/watch?v=Vyo8sKI43PQ</p> | <p>http://www.youtube.com/watch?v=MrfqHJMWq80</p> |
|  |  |
| <p>TH222-30-80 with plastic strap</p> | <p>TH222-80-120 for ribbon</p> |
| <p>http://www.youtube.com/watch?v=agRoJ1u7OhY</p> | <p>http://youtu.be/OKPv_ARGHP8</p> |
| <p>How to fix a ribbon http://youtu.be/x-fp_RYyV6c</p> | |

See also www.grip.de/G07

Similar version on request – TH221



TH221-60-80



See also

TH252

www.grip.de/G07