

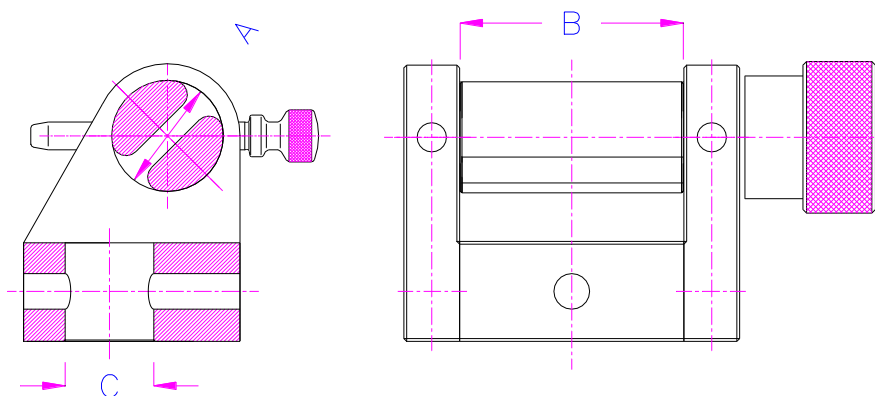
Ribbon grips

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	100 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

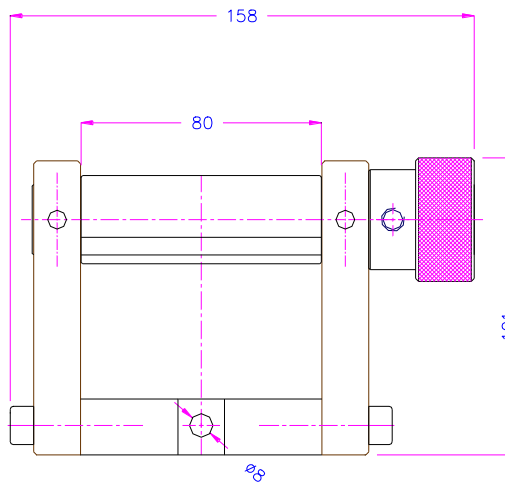
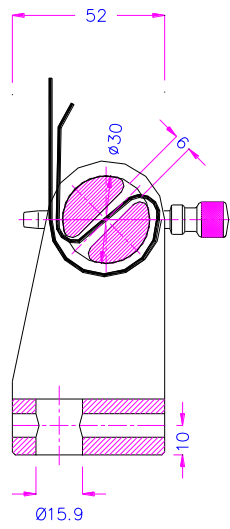
*Further couplings on request.



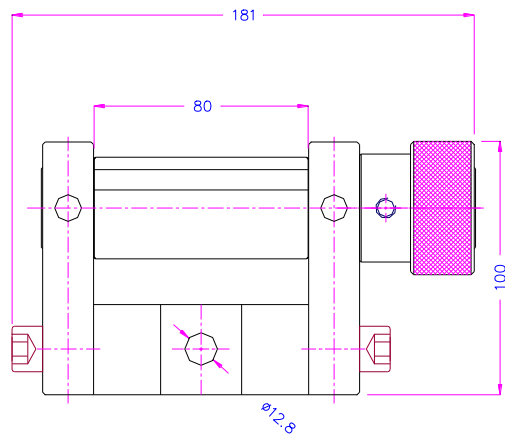
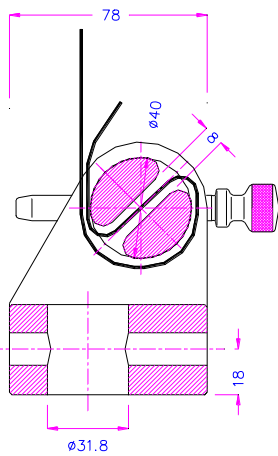
TH222-30-80



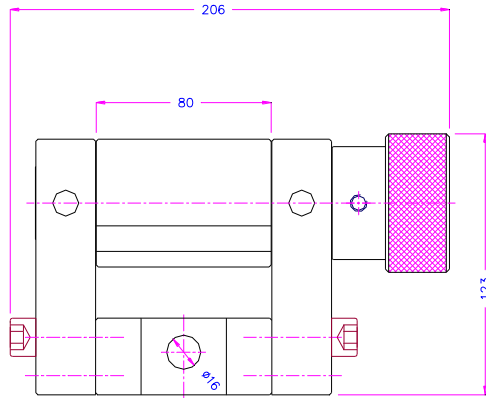
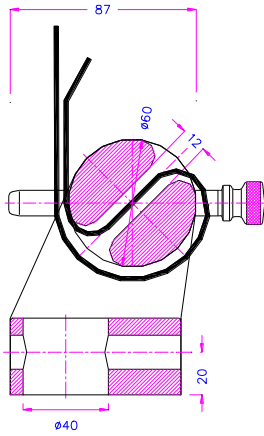
TH222-60-80



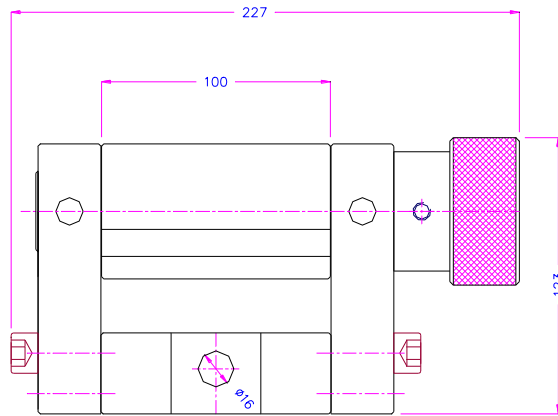
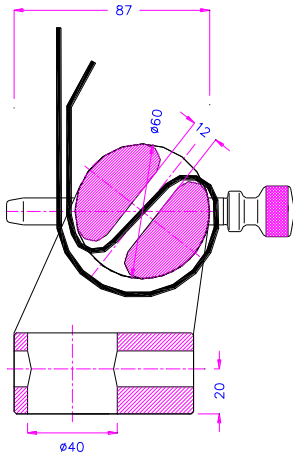
TH222-30-80



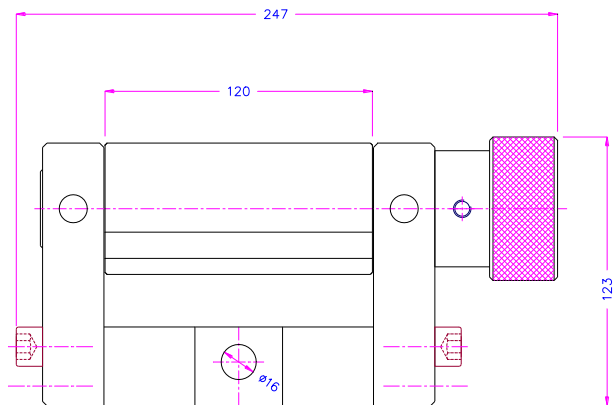
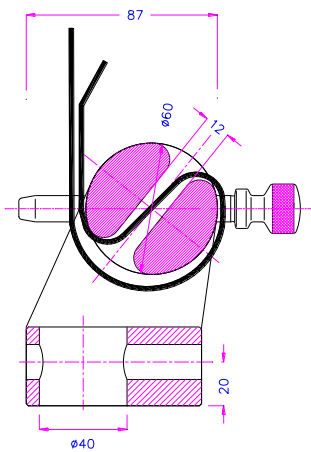
TH222-40-80



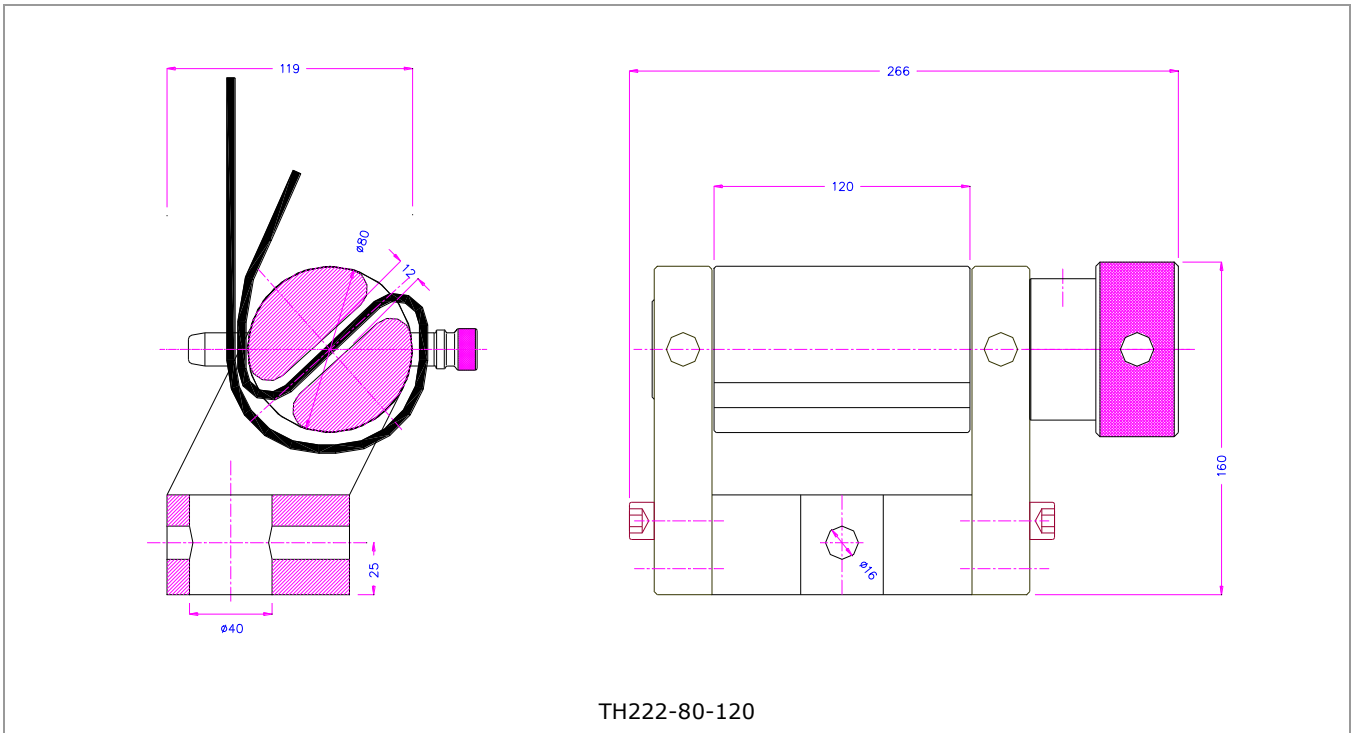
TH222-60-80



TH222-60-100



TH222-60-120




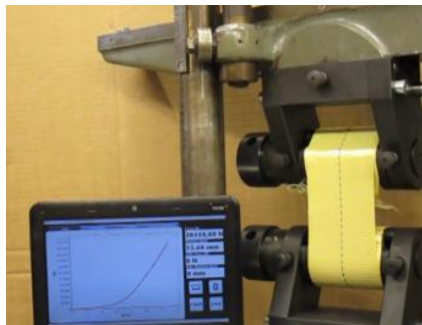
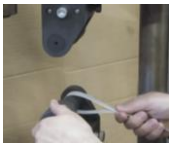


TH222-80-120

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>

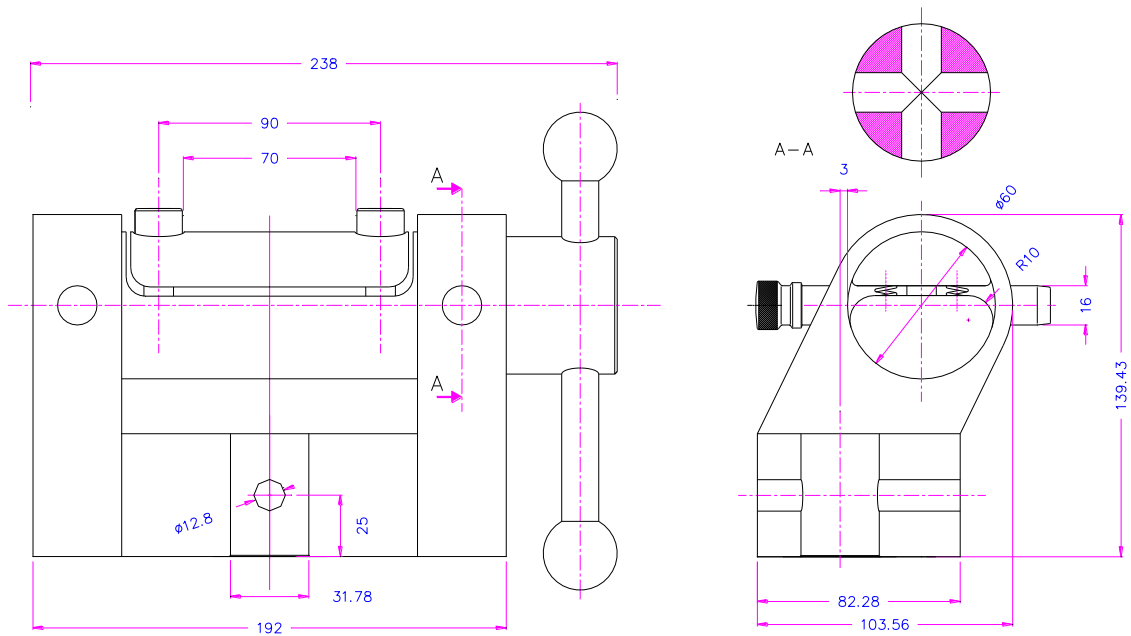
Videos of tensile tests with TH222

	
<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 insert and fix a ribbon in TH222</p>
<p>http://youtu.be/x-fp_RYyV6c</p>	<p>https://youtu.be/0orDY3cG_nQ</p>

Similar version on request – TH221



TH221-60-80



See also

TH252

www.grip.de/G07