

CAPSTAN ROPE GRIPS

High-capacity capstan rope grips are designed to test ropes and other materials with breaking forces from 50 kN to 300 kN.

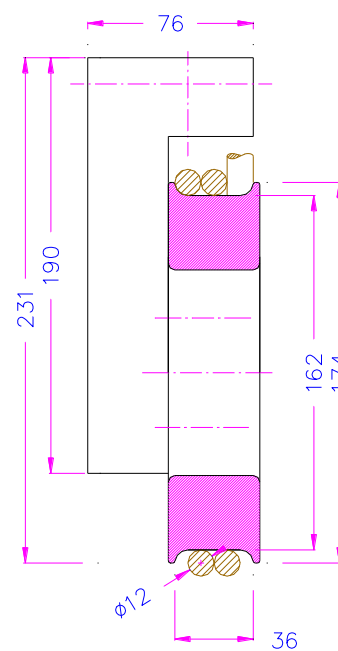
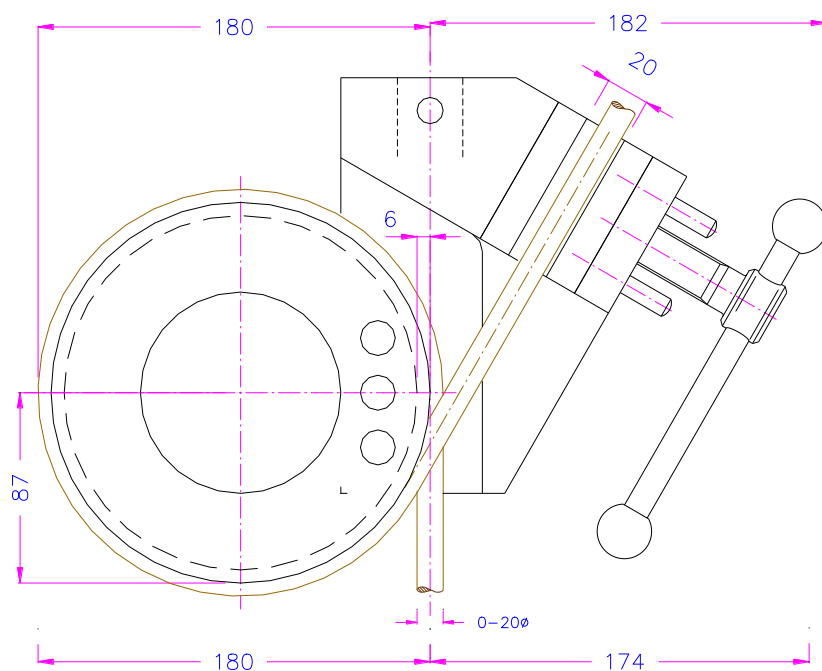
Depending on the friction coefficient, the specimen will be rolled once or multiple times around the guide roller, then fixed within the clamping jaws.

The design features guide rollers that generate a slow notch free stress relief to prevent the specimen breaking in the jaw clamping area.

Available versions:

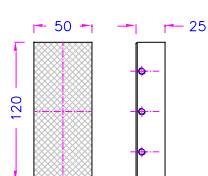
- Manual and hydraulic versions
- 50 kN, 100 kN, 150 kN, 200 kN capacities
- Modified diameters of the guide roller

Item no.:	GR-50T
Max. load:	50 kN
Recommended Rope Diameter:	Max. 20 mm Ø
Minimum Specimen Length:	1500 mm
Jaw Surface Options:	• Pyramid jaws (1.2 x 45°) • Wave jaws • Blank (smooth) jaws Other options available on request
Jaw Clamping Surface (HxW):	70x30 mm
Bollard Diameter:	162 mm
Temperature Range:	0 ... +70°C Further temperature ranges available
Weight per Grip:	13.9 kg

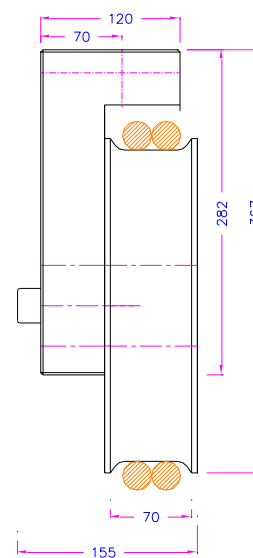
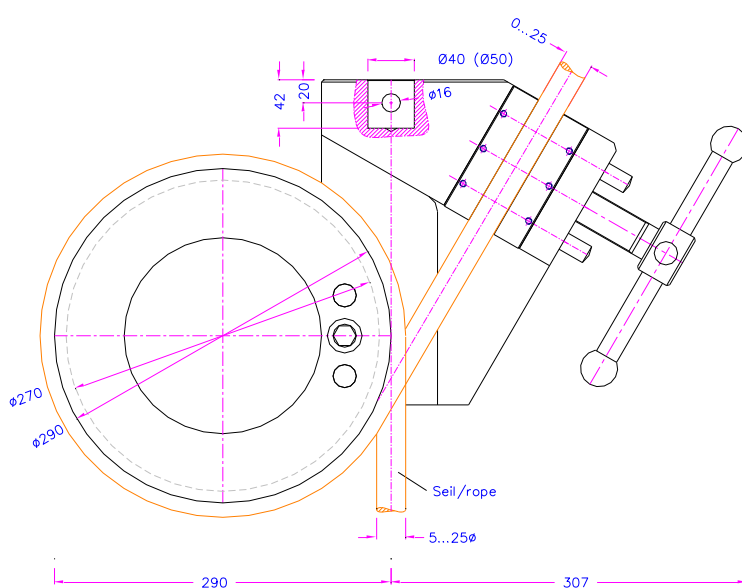


GR-50T

Item no.:	GR-100T GR-150T
Max. load:	100 kN / 150 kN
Recommended Rope Diameter:	Max. 25 mm Ø
Minimum Specimen Length:	2600 mm
Jaw Surface Options:	- Pyramid jaws (1.2 x 45°) - Blank (smooth) jaws Other surfaces available on request
Jaw Clamping Surface (HxW):	120x50 mm
Bollard Diameter:	270 mm
Temperature Range:	0 ... +70°C Further temperature ranges available
Weight per Grip:	50 kg



TH170-100-24-BP-Jaws

GR-100T
GR-150T**Jaw Surfaces:**

BP Pyramid (Serrated) Jaws	BW Wave Jaws

Examples of Other Versions:

	
GR-250T+Ko Hydraulic capstan rope grip	Tensile force: 250 kN
	
GR-50T-D296-B38R6+BP Bollard diameter: 296 mm, width 38 mm	GR-100T-T180-Ni-rot45 Temperature range up to +180°C