

# Pneumatic Cord and Yarn Tensile Grips

## Series 13

These pneumatic operated tensile grips are designed for tensile tests on fibres, fine wires, cords, filaments, yarns and other sensitive specimens. The Capstan design provides reduced problems with jaw breaks associated with testing of this sensitive specimens.

Specimen loading is easy, place it over the top of the horn and clamp it pneumatically by the foot- or handswitch with the possibility to adjust the clamping force according to specimen's strength, material, and surface.



The grips are available for tensile forces of 200 N, 2000 N, 5000 N or 10 kN.

### Technical Data

Model		13k	13m	13mSSB	13g-5	13g-10
Tensile Force	N	200	2000	2000	5000	10000
Clamping Force	N	880	1900	6000	6000	16000
Recommended specimen Ø	mm	0-1	0-2	0-2	0-3	0-3
Minimum Specimen length	mm	150	250	250	300	300
Jaw Dimension (Height x Width)	Mm	6 x 20	12 x 36	12 x 36	15 x 44	15 x 44
Body		Aluminum, Anodized				
Horn		Aluminum, Anodized		Stainless Steel	Aluminum, Anodized	Stainless Steel
Temperature Range*	°C	-10 to +70 (Option for -70°C to +180°C available)				
Weight per Grip	Kg	0.15	1.13	1.25	1.82	2.22

Available Jaw surfaces Blank  
(B) Jaws

Rubber Coated  
(BG) Jaws

Diamond-Faced  
(BD) Jaws

Pyramid Serrated  
(BP) Jaws

