Pneumatic Bollard Grips

TAS13

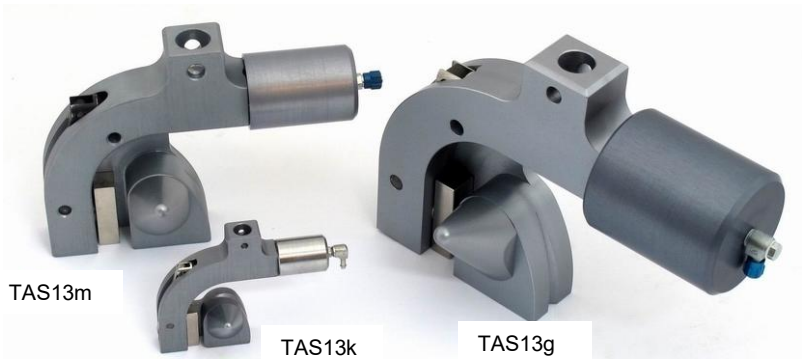
TAS13 Pneumatic Grips
Bollard Style
200N, 2KN, 5kN, 10kN

TAS13 grips are applicable (depending on type) for fibers, fine wires, cords, filaments yarns, cord etc.

Guide horn with centering groove

180° redirection of specimen

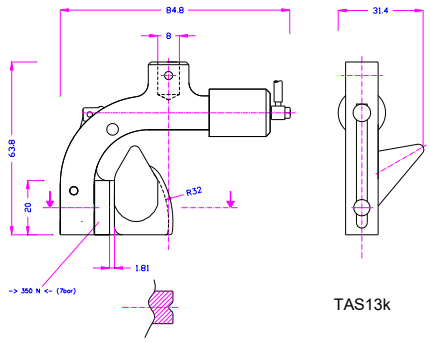
The breakage of the specimen in the clamping area is prevented by generating a slow notch free stress relief



Item number	TAS13k	TAS13m and TAS13m+SSB	TAS13g-5 and TAS13g-10
Applicable for	Fibers, filaments, etc. up to 200N	Yarns, cords, strands, etc.	Wires, strands, cords, etc.
Tensile force	200 N / 7 bar	2 kN / 7 bar	6 kN / 7 bar (TAS13g-5) 14kN / 7 bar (TAS13g-10)
Recommended specimen diameter	0-2 mm Ø	0-6 mm Ø	0-8 mm Ø
Minimal specimen length	15 cm	25 cm	30 cm
Jaws surfaces	Blank jaws (TAS13k-B) Diamond jaws (TAS13k-BD) Other surfaces on request	Blank jaws (TAS13m-B) Diamond jaws (TAS13m-BD) Other surfaces on request	Blank jaws (TAS13g-B) Diamond jaws (TAS13g-BD) Other surfaces on request
Clamping surface of jaws HxW	6 x 20mm	12 x 36mm	15 x 44mm
Temperature range * Other temperature ranges on request	-10 – 80°C*	-10 – 80°C*	-10 – 80°C*
Pneumatic connection	M3 for micro fittings or with additional adapter (TA205-PK23) for 1/8" normal pneumatics	Internal thread M5	Internal thread M5
Body	Aluminum, anodized	Aluminum, anodized	Aluminum, anodized
Weight inclusive jaws	0.15 kg	1.13 kg (TAS13m) 1.25 kg (TAS13m+SSB)	1.82 kg (TAS13g-5) 2.22 kg (TAS13g-10)
Ordering information Scope of delivery	1 pair of grips without jaws	1 pair of grips without jaws	1 pair of grips without jaws

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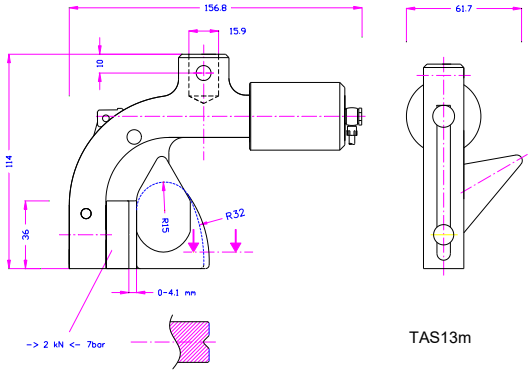
TAS13



TAS13k



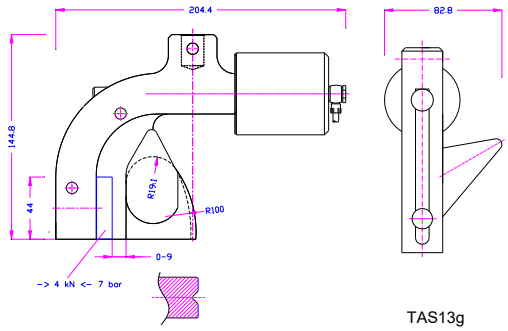
TAS13k with TA205-PK23 adapter



TAS13m



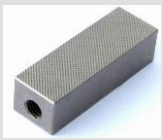
TAS13m with TAS13m-BG rubber jaws



TAS13g



Examples of special versions:



TAS13m-BP0.5
Fine pyramids (serrated, cross cut) 0.5x45°



TAS13m-BG and TAS13k-BG
Rubber jaws for TAS13



TAS13m-SS
Stainless steel guide horn (ASTMD7279)