# Manual Capstan Rope Tensile Grip

## Description



AHP PLASTIK MAKINA

This manual capstan grips are used for testing high capacity ropes. The test specimen is wrapped one or more times around the capstan before being clamped with jaws. The capstan roller generates a slow notch free stress relief to prevent the breakage of the specimen in the jaw clamping area. The number of wraps depends on the sampleâ€™s coefficient of friction.

Model: AHP170-150

Max Force Capacity: 150 kN (33750 lbf)

Sample Diameter: 5 to 25 mm

Sample Type: round

Temperature Range: 0 to 70 C (32 to 160 F) â€“ other temperatures available on request.

Fixture Adapter: Af50 (50 mm or 1.97 in) diameter with 25 mm crosspin; Other adapters available upon request.

Max Jaw Width: 50 mm (1.97 in)

Capstan Diameter: 270 mm (10.6 in)

Capstan Width: 70 mm

Minimum Sample Length: 2600 mm

### Category

1. Tensile Grips