

# Grips and Fixtures

## Bollard Fixture

This bollard fixture is designed for wire, yarn and thread. The sample is wrapped around the bollard and the free end clamped firmly in place using a thumbscrew.

## Manually Tighten Fixture

This fixture is used for testing tensile strength on wire, filament, magnetic tape, etc. The sample is wrapped around a center post and tightened using a thumbscrew.

## Grooved Snubber Fixture

Grooved snubber and post design ensures centerline breaks of flexible wires and cable up to 1.6mm (0.06 in) diameter. The 25mm (1 in) diameter snubber is mounted on a swiveling plate so that the sample aligns when force is applied.

Top and Bottom fixture may be ordered separately:

Top Fixture- [GF3-Top](#)

Bottom Fixture- [GF3-Bot](#)

## Miniature Bollard

Includes top and bottom fixture for lightweight loads. Ideal for extremely small wire and filament. Fixtures have a 11mm (0.4 in) diameter snubber which is part of a precision machined swivelling mechanism that ensures sample alignment.

May order Top and Bottom fixtures separately:

Top Fixture- [GF4-Top](#)

Bottom Fixture- [GF4-Bot](#)



### TG-12

#### Sample Size

5mm (0.2 in) Diameter

#### Capacity

450 lbf, 2000 N

#### Thread

Top Fixture- 5/8" Eye End

Bottom Fixture- 5/8" Eye End



### TG-11

#### Sample Size

5mm (0.2 in) Diameter

#### Capacity

450 lbf, 2000 N

#### Thread

Top Fixture- 5/8" Eye End

Bottom Fixture- 5/8" Eye End



### GF-3

#### Sample Size

1.6mm (0.06 in) Diameter

#### Capacity

225 lbf, 1000 N

#### Thread

Top Fixture- 1/4-20M

Bottom Fixture- 3/8-16F



### GF-4

#### Sample Size

0.8mm (0.03 inch) Diameter

#### Capacity

55 lbf, 250 N

#### Thread

Upper Fixture - 1/4-20M

Lower Fixture - 3/8-16F

Willrich Precision Ph 866-945-5742 email: [sales@willrich.com](mailto:sales@willrich.com)