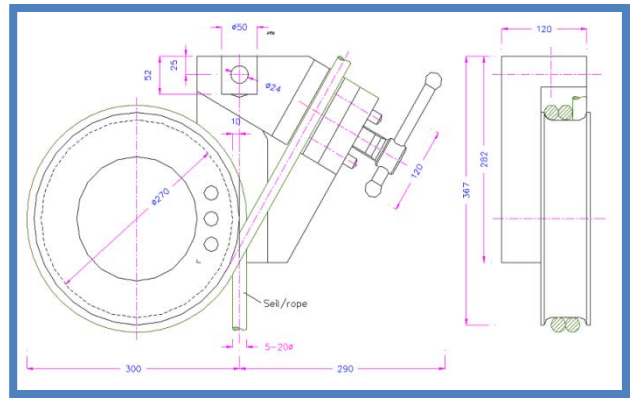


Bollard Grips

The grip is suitable for samples such as rope and strapping tape. The grips are designed so that the sample can be wrapped around the bollard and clamped at one end, this helps reduce the sample suffering a jaw break and spreads the load around the bollard by introducing friction to the sample. Ideally it should be used with an extensometer to calculate true strain in the sample.

Temperature Range 0 °C to + 70 °C
(Plates with other dimensions available on request)

01/4628	Crosscut jaws
Jaw Size	120mm x 30mm
Maximum Sample Width	12mm
Maximum Sample Diameter	5mm - 20mm
Minimum Sample Length	1500mm
Jaw Opening	20mm
Maximum Force Rating	100KN
Fixing Type	1 ¼ inch
Weight	45Kg
Minimum Loadcell	2500N
Width	590mm
Height	385mm
Depth	120mm
Bollard Diameter	270mm



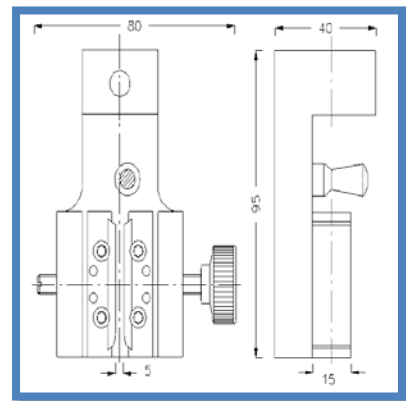
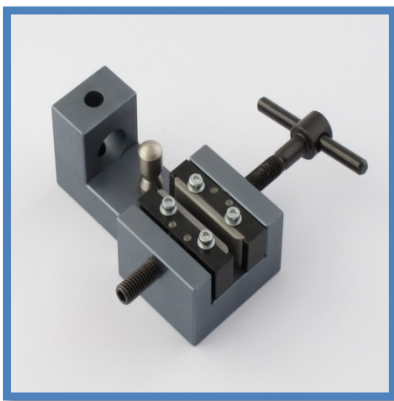
Bollard Grips

Thin wire bollard grip, ideally it should be used with an extensometer to calculate true strain in the sample. Pneumatic versions are available

The 01/4617 is designed for thin wires and is best used with the diamond faces the sample can be wrapped around the bollard then doubled back on itself for additional gripping. The grip is fitted with carriers which act as a mounting place for the faces which are supplied separately

Temperature Range 0 °C to + 70 °C
(Plates with other dimensions available on request)

01/4617	Screw action, with carriers but without jaws
Maximum Sample Width	15mm
Maximum Sample Diameter	5mm
Jaw Opening	5mm
Maximum Force Rating	2.5kN
Fixing Type	5/8 inch
Weight	380g
Minimum Loadcell	50N
Width	80mm
Height	95mm
Depth	40mm



Shown above the grip with a preset face on one side and a adjustable T-bar on the other, the grip carrier plate and the plain and diamond faces. The outline drawing shown for reference only

Part Number	Description	Max Sample Width	Sample Diameter	Opening	Rating	Fixing Type
01/4618	15mm x 37mm diamond coated jaws	15mm	N/A	N/A	2.5kN	N/A
01/4619	15mm x 37mm plain jaw faces	15mm	N/A	N/A	2.5kN	N/A

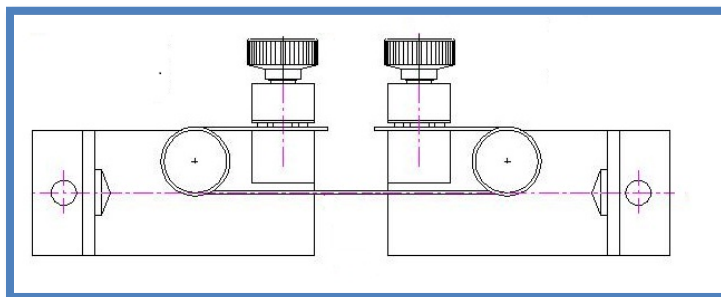
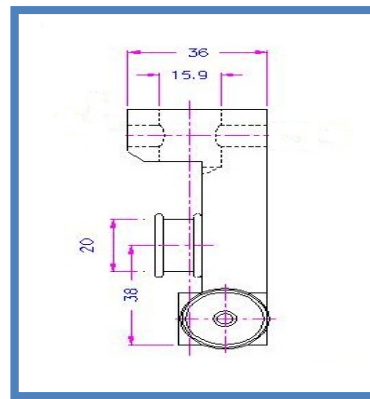
Bollard Grips

The Bollard grip is suitable for a wide range of samples such as fiber, yarn, thread, rope, string, and strapping tape. The grips are designed so that the sample can be wrapped around the bollard and clamped at one end, this helps reduce the sample suffering a jaw break and spreads the load around the bollard by introducing friction to the sample.

Ideally it should be used with an extensometer to calculate true strain in the sample

*Temperature Range 0 °C to + 70 °C
(Plates with other dimensions available on request)*

01/4620	Screw action grip with rubber faces
Jaw Size	20mm x 10mm
Maximum Sample Width	7mm
Maximum Sample Diameter	2mm
Jaw Opening	2mm
Maximum Force Rating	1kN
Fixing Type	5/8 inch
Weight	290g
Minimum Loadcell	50N
Width	69mm
Height	90mm
Depth	36mm
Bollard Diameter	20mm



Above the 01/4620 shown, the dimension drawing for reference and the sample loading method

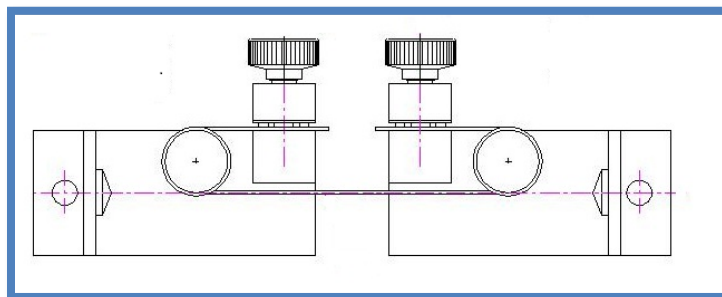
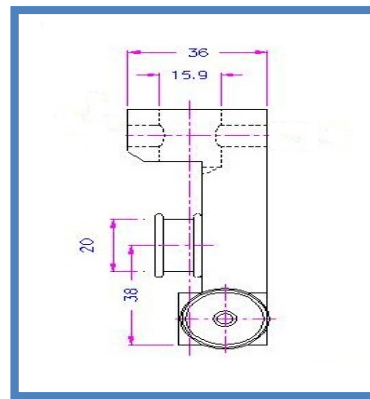
Bollard Grips

The Bollard grip is suitable for a wide range of samples such as fiber, yarn, thread, rope, string, and strapping tape. The grips are designed so that the sample can be wrapped around the bollard and clamped at one end, this helps reduce the sample suffering a jaw break and spreads the load around the bollard by introducing friction to the sample.

Ideally it should be used with an extensometer to calculate true strain in the sample

Temperature Range 0 °C to + 70 °C
(Plates with other dimensions available on request)

01/4621	Screw action grip with diamond faces
Jaw Size	20mm x 10mm
Maximum Sample Width	7mm
Maximum Sample Diameter	2mm
Jaw Opening	2mm
Maximum Force Rating	1kN
Fixing Type	5/8 inch
Weight	290g
Minimum Loadcell	50N
Width	69mm
Height	90mm
Depth	36mm
Bollard Diameter	20mm



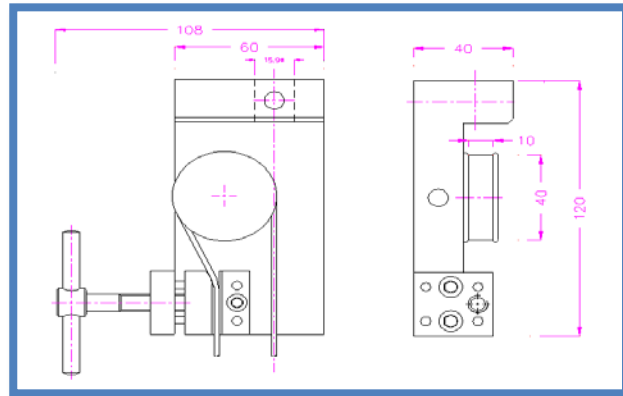
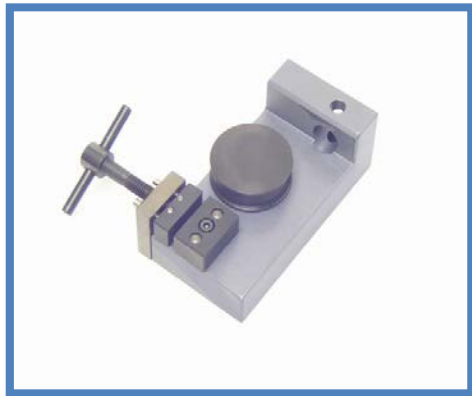
Above the 01/4621 shown, the dimension drawing for reference and the sample loading method

Bollard Grips

The Bollard grip is suitable for a wide range of samples such as fiber, yarn, thread, rope, string, and strapping tape. The grips are designed so that the sample can be wrapped around the bollard and clamped at one end, this helps reduce the sample suffering a jaw break and spreads the load around the bollard by introducing friction to the sample. Ideally it should be used with an extensometer to calculate true strain in the sample

Temperature Range 0 °C to + 70 °C
(Plates with other dimensions available on request)

01/4622	Screw action grip with crosscut faces
Jaw Size	30mm x 12mm
Maximum Sample Width	8mm
Maximum Sample Diameter	5mm
Jaw Opening	5mm
Maximum Force Rating	5KN
Fixing Type	5/8 inch
Weight	800g
Minimum Loadcell	50N
Width	108mm
Height	120mm
Depth	40mm
Bollard Diameter	40mm



Above the 01/4622 grip and grip dimensions for reference only

Bollard Grips

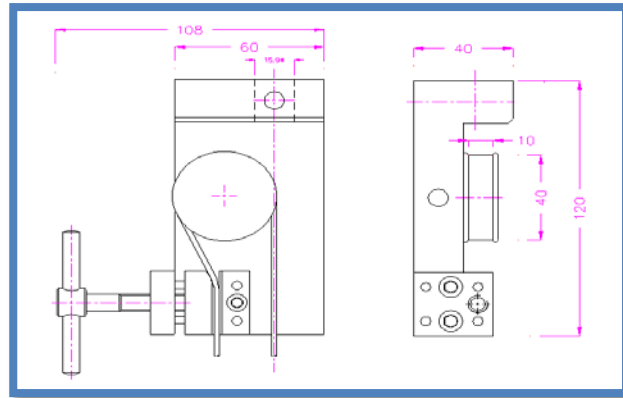
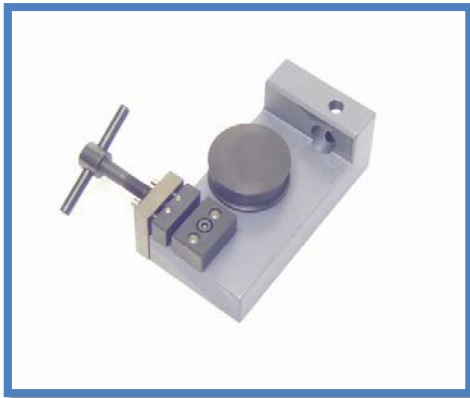
The Bollard grip is suitable for a wide range of samples such as fiber, yarn, thread, rope, string, and strapping tape. The grips are designed so that the sample can be wrapped around the bollard and clamped at one end, this helps reduce the sample suffering a jaw break and spreads the load around the bollard by introducing friction to the sample.

Ideally it should be used with an extensometer to calculate true strain in the sample

Temperature Range 0 °C to + 70 °C

(Plates with other dimensions available on request)

01/4623	Screw action grip with diamond faces
Jaw Size	30mm x 12mm
Maximum Sample Width	8mm
Maximum Sample Diameter	5mm
Jaw Opening	5mm
Maximum Force Rating	5KN
Fixing Type	5/8 inch
Weight	800g
Minimum Loadcell	50N
Width	108mm
Height	120mm
Depth	40mm
Bollard Diameter	40mm



Above the 01/4623 grip and dimensions for reference only

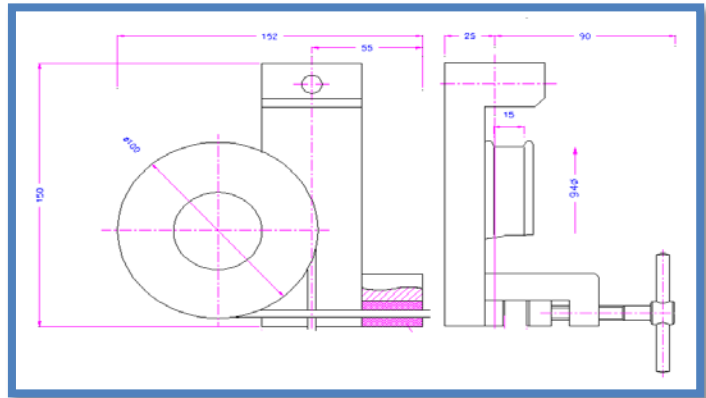
Bollard Grips

The Bollard grip is suitable for a wide range of samples such as yarn, rope, string, and strapping tape. The grips are designed so that the sample can be wrapped around the bollard and clamped at one end, this helps reduce the sample suffering a jaw break and spreads the load around the bollard by introducing friction to the sample.

Ideally it should be used with an extensometer to calculate true strain in the sample

*Temperature Range 0 °C to + 70 °C
(Plates with other dimensions available on request)*

01/4624	Screw action grip with crosscut faces
Jaw Size	30mm x 15mm
Maximum Sample Width	9mm
Maximum Sample Diameter	9mm
Jaw Opening	20mm
Maximum Force Rating	20KN
Fixing Type	5/8 inch
Weight	2.7Kg
Minimum Loadcell	500N
Width	152mm
Height	150mm
Depth	115mm
Bollard Diameter	94mm



Above the 01/4624 shown with a rope sample and the outline drawing for reference

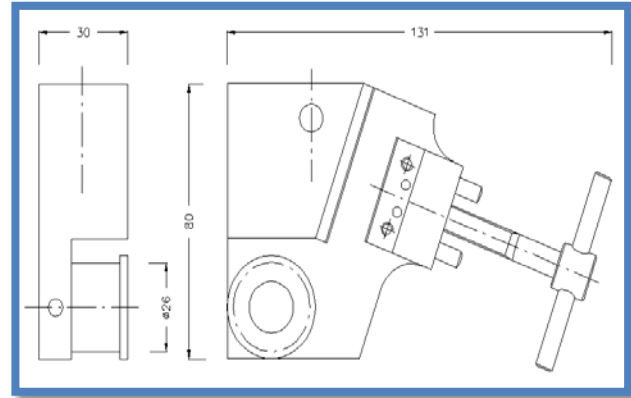
Bollard Grips

A thin rope, yarn and thread bollard grip, ideally it should be used with an extensometer to calculate true strain in the sample. Pneumatic versions are available

The 01/4625 is designed for the tensile strength of fibers, wires, yarns, threads and ropes it is fitted with a crosscut face as standard with no optional faces

*Temperature Range 0 °C to + 70 °C
(Plates with other dimensions available on request)*

01/4625	Screw action with crosscut face 30mm x 15mm
Maximum Sample Width	15mm
Maximum Sample Diameter	5mm
Jaw Opening	5mm
Maximum Force Rating	5KN
Fixing Type	5/8 inch
Weight	900g
Minimum Loadcell	50N
Width	131mm
Height	80mm
Depth	30mm



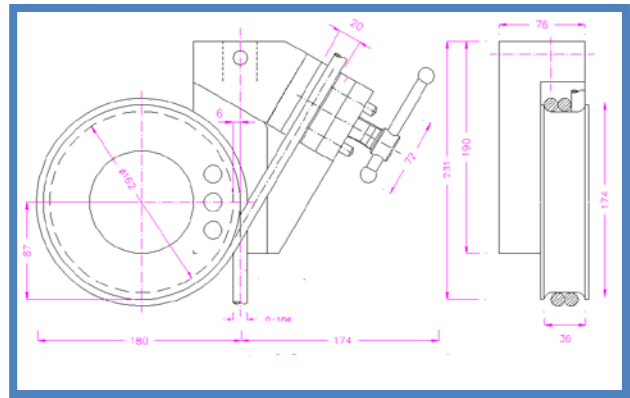
The grip shown above with a dimension drawing for reference

Bollard Grips

The grip is suitable for samples such as rope and strapping tape. The grips are designed so that the sample can be wrapped around the bollard and clamped at one end, this helps reduce the sample suffering a jaw break and spreads the load around the bollard by introducing friction to the sample. Ideally it should be used with an extensometer to calculate true strain in the sample

Temperature Range 0 °C to + 70 °C
(Plates with other dimensions available on request)

01/4628	Crosscut jaws
Jaw Size	70mm x 30mm
Maximum Sample Width	12mm
Maximum Sample Diameter	20mm
Minimum Sample Length	1500mm
Jaw Opening	20mm
Maximum Force Rating	50KN
Fixing Type	1 ¼ inch
Weight	13.9Kg
Minimum Loadcell	1000N
Width	354mm
Height	231mm
Depth	76mm
Bollard Diameter	162mm



Above the grip shown and the dimension drawing for reference