**Description**: Self tightening wedge grips with spring loaded wedges to provide the initial gripping and allow rapid loading of the specimen. A variety of gripping wedges and faces are available and must be ordered separately; these can be serrated jaw faces or cross hatched jaw faces for gripping flat specimens, or V profile wedges are available for gripping round sections up to 15mm (6/10th inch).

**Used On**: Benchtop materials testing machines

**Applications**: Recommended for gripping relatively soft materials in parallel or dumbbell form. Typical materials include copper, semi-rigid plastics, and small components with flat surfaces; ideally the overall specimen length should be greater than 150 mm (6 in)

**Specifications**:
- Max. Capacity: 10 kN/2,000 lbf
- Min Loadcell: 250 N/50 lbf
- Gripping Length: 50 mm/2 in
- Max Specimen Width: 25 mm/1 in
- Max Specimen Thickness: 8 mm/0.3 in
- Length Each: 120 mm/4.75 in
- Weight Each: 1.8 kg/4 lbf
- Temperature Limits: -30 to 70 °C

**V Profile Jaw Face Options**
- HW10R8: 4 - 8 mm/0.15 - 0.31 in dia
- HW10R10: 6 - 10 mm/0.23 - 0.4 in dia
- HW10R15: 10 - 15 mm/0.4 - 0.6 in dia

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**Description**: Self tightening bollard wedge grips; the combination of a wedge and bollard provides an efficient method of gripping low friction flexible materials. A lever release allows rapid loading of the test specimen.

**Used On**: Benchtop materials testing machines

**Applications**: Flexible low friction materials such as polypropylene strapping, PTFE tape, roofing felts etc.; ideally the overall specimen length should be greater than 350 mm (14 in)

**Specifications**:
- Max. Capacity: 10 kN/2,000 lbf
- Min Loadcell: 500 N/100 lbf
- Max Specimen Width: 25 mm/1 in
- Max Specimen Thickness: 3 mm/0.1 in
- Length Each: 130 mm/5.1 in
- Weight Each: 2.2 kg/4.5 lbf
- Temperature Limits: -30 to 70 °C

**V Profile Jaw Face Options**
- HW16R2: 1 - 2 mm/0.04 - 0.08 in dia
- HW16R5: 3 - 5 mm/0.12 - 0.2 in dia
Description: Self tightening wedge grips; wedges remain stationary when applying initial force on the specimen via the handwheel, thus avoiding excessive compression of specimen prior to test. A variety of gripping wedges and faces are available and must be ordered separately; these can be serrated or cross hatched jaw faces for gripping flat specimens, or V profile wedges are available for gripping round sections up to 15 mm (6/10th inch).

Used On: Benchtop materials testing machines

Applications: Suitable for gripping high strength rigid material in parallel or dumbbell form; ideally the overall specimen length should be greater than 150 mm (6 in)

Specifications:
- Max. Capacity: 25 kN/5,000 lbf
- Min Loadcell: 500 N/100 lbf
- Gripping Length: 50 mm/2 in
- Max Specimen Width: 30 mm/1.2 in
- Max Specimen Thickness: 15 mm/0.6 in
- Length Each: 210 mm/8.3 in
- Weight Each: 6.3 kg/14 lbf
- Temperature Limits: -30 to 70 °C

V Profile Jaw Face Options
- HW20R5: 3 - 5 mm/0.12 - 0.2 in dia
- HW20R8: 4 - 8 mm/0.15 - 0.31 in dia
- HW20R10: 5 - 10 mm/0.2 - 0.4 in dia
- HW20R15: 8 - 15 mm/0.31 - 0.6 in dia

V Profile Jaw Face Options
- HW20R5: 3 - 5 mm/0.12 - 0.2 in dia
- HW20R8: 4 - 8 mm/0.15 - 0.31 in dia
- HW20R10: 5 - 10 mm/0.2 - 0.4 in dia
- HW20R15: 8 - 15 mm/0.31 - 0.6 in dia

Contact Your Local Representative: