Description: Side loading hydraulic wedge grips.

Used On: High force electromechanical test frames and hydraulic test frames

Applications: Metal, and other high force specimens.

Specifications:
- Max Capacity: 120kN/30klbf
- Standard Wedge Width*: 45mm/1.75in
- Length Each: 180mm/7.4in
- Weight Each: 30kg/67lb
- Temperature Limits: -40 to 175°C
- Required Hydraulic Pressure: 21MPa/3kpsi

Required Accessories:
- Hydraulic pumping unit
- Grip Faces
- Alignment Fixtures

* Alternate wedge widths available

Description: Hydraulic pumping unit with grip control for use with the 120kN grips (ref. 01036010).

Specifications:
- Max Pressure: 21MPa/3kpsi
- Min. Pressure: 0.7MPa / 100psi
- Pressure Stability: +/-100psi
- Weight: 76kg/170 lb
- Temperature Range: -40 to 177°C

Description: Wedge grip faces used in the side loading hydraulic wedge grip body. The wedge grips are available in a variety of different shapes that best match the specimen profile.

Specifications:
- Flat Wedge Specimens
  - Specimen Thickness: 0-7.6mm / 0 - 0.3 in
  - or 7.1-14.2 mm / 0.28-0.56 in
  - or 11.7-19.1mm / 0.46-0.75 in
- Narrow Wedge Set
  - Wedge Width: 44.5 mm / 1.75 in
- Wide Wedge Set
  - Wedge Width: 76.2 mm / 3.00 in
- Round Wedge Specimens
  - Specimen Diameter: 12.15,20mm
  - or 0.5,0.75,1.0in
- Vee Wedge Specimens
  - Specimen Diameter: 5.8-10.2 mm
  - or 0.23-0.40 in
  - or 10.9-12.8mm
  - or 0.43-0.5 in

Description: Alignment fixture allows alignment adjustment to eliminate loading inconsistencies and inaccuracies that frequently occur during sample loading.

Specifications:
- Max Capacity: 120kN/30klbf

Description: Alignment fixture used in the side loading hydraulic wedge grip body. The wedge grips are available in a variety of different shapes that best match the specimen profile.
**Optional Level 1 — Test Navigator Basic**

- A user-friendly graphic interface.
- A Wizard for creating or modifying test settings.
- Built-in recall functionality.
- An advanced HTML help system, which includes the ability to print a manual.
- An advanced database interface: SQL Server.
- A standard device interface to accept inputs from micrometers, calipers, and scales (Gageport NT receiver is required).
- Password protection for test settings.
- Free technical support.

**Optional Level 2 — Test Navigator Standard**

To all the features of Test Navigator Basic, we add:

- A test result creator.
- A zoom feature for zeroing in on graph sections.
- The ability to simultaneously display and print different versions of the same graph.
- The ability to simultaneously display and print different versions of the same report.
- Advanced modulus calculations.
- Multi-curve functionality.
- Exporting of test results and test curve data in ASCII delimited format.
- Instrument set-up — channel definition.
- Users can incorporate their company's logo on printouts.

**Optional Level 3 — Test Navigator Plus**

To all the features of Test Navigator Standard, we add:

- The ability to create results using your own formulas.
- Importing of test information (ASCII or XML formats).
- Direct query editing for recalling tests.
- Advanced device input.
- Calculation of results from a stored curve.
- Crosshead remote control via a versatile handheld controller.

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**Grip Reference 01036030**

- **Description:** Side loading hydraulic wedge grips.
- **Used On:** High force electromechanical test frames and hydraulic test frames
- **Applications:** Metal, and other high force specimens.
- **Specifications:**
  - Max Capacity: 300kN/60klbf
  - Standard Wedge Width*: 50 mm / 2 in
  - Length Each: 180mm/7.4in
  - Weight Each: 77kg/170lb
  - Temperature Limits: -40 to 175°C
  - Required Hydraulic Pressure: 70MPa/10kpsi
- **Required Accessories:**
  - Hydraulic pumping unit
  - Grip Faces
  - Alignment Fixtures

* Alternate wedge widths available

**Grip Reference 01036002**

- **Description:** Hydraulic pumping unit with grip control for use with the 300kN grips (ref. 01036030).
- **Specifications:**
  - Max Pressure: 70MPa/10kpsi
  - Min. Pressure: 10MPa / 1.5kpsi
  - Pressure Stability: +/-100psi
  - Weight: 76kg/170 lb
  - Temperature Range: -40 to 177°C

**Grip Faces**

- **Description:** Wedge grip faces used in the side loading hydraulic wedge grip body. The wedge grips are available in a variety of different shapes that best match the specimen profile.
- **Specifications:**
  - **Flat Wedge Specimens**
    - Specimen Thickness: 1-11.9 mm / 0.04 - 0.47 in
    - or 6.1-17 mm
    - or 0.24-0.67 in
    - or 15 - 25.9 mm
    - or 0.59 -1.02 in
  - **Narrow Wedge Set**
    - Wedge Width: 50.8 mm / 2 in
  - **Wide Wedge Set**
    - Wedge Width: 101.6 mm / 4.00 in
  - **Round Wedge Specimens**
    - Specimen Diameter: 15, 20, 30 mm / 0.5, 1.0 in
  - **Vee Wedge Specimens**
    - Specimen Diameter: 6.4 - 10.2 mm / 0.25 - 0.4 in
    - or 10.7-16.8 mm / 0.42-0.66 in
    - or 16.8-20 mm /0.56-0.79 in

**Alignment Fixture Grip Reference 01036004**

- **Description:** Alignment fixture allows alignment adjustment to eliminate loading inconsistencies and inaccuracies that frequently occur during sample loading.
- **Specifications:**
  - Max Capacity: 300kN/60klbf