

## Grips & Fixture Selection Guide

| Circular Compression Platens       | Model Number | Capacity |           | Maximum Sample Diameter |
|------------------------------------|--------------|----------|-----------|-------------------------|
|                                    |              | N        | lbf       |                         |
| Gauge Platen                       | 17109        | 1 kN     | 225 lbf   | 50.8 mm (2 in)          |
| Gauge Platen                       | 17012        | 2.5 kN   | 562 lbf   | 76.2 mm (3 in)          |
| 50 mm (2 in) Platens               | ST6/1        | 20 kN    | 4496 lbf  | 50 mm (1.97 in)         |
| 100 mm (4 in) Platens              | ST6/2        | 20 kN    | 4496 lbf  | 100 mm (3.93 in)        |
| 150 mm (6 in) Platens              | ST6/3        | 20 kN    | 4496 lbf  | 150 mm (5.91 in)        |
| 50 mm (2 in) Platens               | ST6/4        | 100 kN   | 22480 lbf | 50 mm (1.97 in)         |
| 100 mm (4 in) Platens              | ST6/5        | 100 kN   | 22480 lbf | 100 mm (3.93 in)        |
| 150 mm (6 in) Platens              | ST6/6        | 100 kN   | 22480 lbf | 150 mm (5.91 in)        |
| Low Force Platens                  | TG87         | 500 N    | 112.5 lbf | 36 mm (1.42 in)         |
| Compression Cage (50 mm)           | TG67         | 20 kN    | 4496 lbf  | 50 mm (1.97 in)         |
| 80 mm (3 in) Platens               | TG63         | 100 kN   | 22480 lbf | 80 mm (3.15 in)         |
| 150 mm (6 in) Platens              | TG64         | 100 kN   | 22480 lbf | 150 mm (5.91 in)        |
| 200 mm (8 in) Platens              | TG364        | 300 kN   | 67442 lbf | 200 mm (7.87 in)        |
| Compression Jig with Linear Guides | TG162        | 2.5 kN   | 562.5 lbf | 115 mm (4.53 in)        |

### 17109

#### Circular, Low Force Compression Platen

This circular, 2-inch (50.8mm) direct compression aluminum fixture is ideal for general purpose compression testing. Platen has #10-32F thread.

#### Capacity

1 kN, 225 lbf

#### Packaging

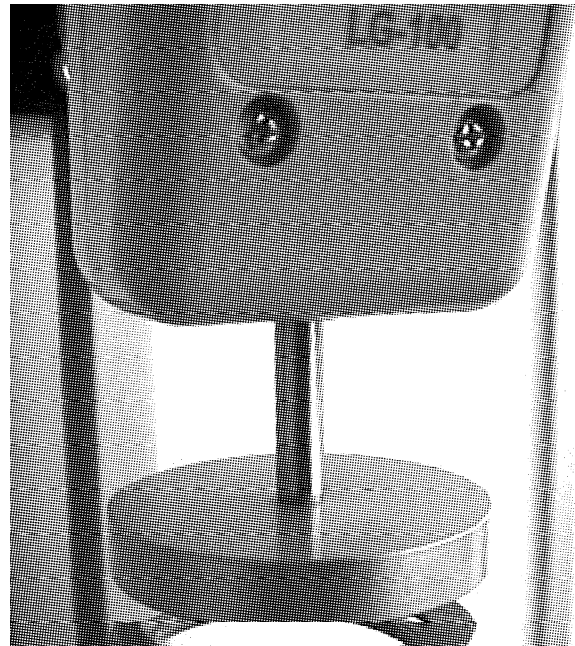
Single item.

#### Applications

Used to determine compression characteristics at low force for small components and specimens.

#### Specification

|                         |            |         |
|-------------------------|------------|---------|
| Maximum Capacity        | 1000 N     | 225 lbf |
| Maximum Sample Diameter | 50 mm      | 2 in    |
| Screw Thread            | #10-32 UNF |         |



*Note: See Grip Adapter Section (Page 105) for adapters required to fit force gauges, loadcells and test stands.*

#### Ordering Information

| Model | Part No. | Description   |
|-------|----------|---|
| 17109 | 17109    | Low Force, 2 inch Round Compression Platen - 1 kN (225 lbf) |