

Mechanical Wedge Action Grips

G527 Mechanical wedge action grips feature grip bodies that move vertically to open and close the wedge jaws, which remain fixed in position on the test sample. As the grip bodies move, the jaws are held in position on the sample and open and close laterally. The dual acting wedge jaws also move simultaneously relative to the grip centerline, ensuring correct specimen alignment, removing bending strains that invalidate test results. G527 grips test round and flat samples and save time with a side opening that enables quick and easy sample insertion.



| G527 Family | G527-20 | G527-50 | G527-100 | G527-150 | G527-250 |
|------------------------|-----------------|------------------|-------------------|-------------------|-------------------|
| Maximum Force Capacity | 20 kN (4500 lb) | 50 kN (11250 lb) | 100 kN (22500 lb) | 150 kN (33700 lb) | 250 kN (55000 lb) |
| Max Sample Width | 40 mm (1.6 in) | 80 mm (3.1 in) | 100 mm (4 in) | 100 mm (4 in) | 150 mm (6 in) |
| Max Sample Thickness | 22 mm (0.86 in) | 30 mm (1.2 in) | 16 mm (0.63 in) | 26 mm (1 in) | 26 mm (1 in) |

Interchangeable Jaws available to size requirements

| Jaw | Description |
|-----------|-------------------------------|
| J527-XXBP | Pyramid Serrated (0.8 mm x45) |
| J527-XXBV | V-Jaw for rounds |

Contact an application engineer to configure a solution to your application requirements.