

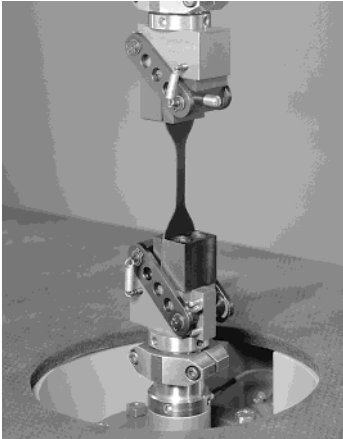
# 684.01 Low-Force, Cam-Action Tensile Grips

These quick-release, low-force grips are designed for use in dynamic characterization work where properties are studied as a function of dynamic or mean-strain amplitudes, mean condition, frequency or temperature. They weigh just 0.27 kg (7.5 ounces) each and have a load capacity of 900 N (200 lb).

Their cam-action design makes it fast and easy to change specimens and assures a constant gripping

force. These grips can be used for everything from films or threads up to specimens 25 mm (1 inch) wide by 3.2 mm (1/8-inch) thick.

684.01 grips are rated for testing at temperatures up to 150°C (300°F). Three different grip faces are available: steel or aluminum with sandblasted faces, and aluminum with a serrated face. With the steel faces, grip weight increases to 10 ounces.



## SPECIFICATIONS

Model Number	Force Rating	Specimen Dimensions (Max)		Temperature Range	Part Number
		Width	Thickness		
684.01	900 N (200 lb)	25 mm (1 in)	7.6 mm (1/8 in)	-130 to +150°C (-200 to +300°F)	45-644-501

\*Grip weight increases to 10 oz (0.35 kg) with steel faces.

## BENEFITS

### Low Mass

- ▶Minimizes dynamic load errors.

### Fast, Easy Specimen Loading

- ▶Quick release feature makes specimen insertion and release fast and easy.

### Excellent Repeatability

- ▶Specimen insertion stops assure excellent repeatability of end restraints.

### Choice of Grip Faces

- ▶Choose from steel sandblasted, aluminum sandblasted or aluminum serrated faces.

