



MTS Series 640 Fracture Mechanics Clevis Grips

Benefits

Rugged

- » Made of 4340 aircraft quality steel for extra long life.

Meet ASTM Standards

- » E399
- » E1290

Temperature Range

- » From -129 to $+177^{\circ}\text{C}$ (-200 to $+350^{\circ}\text{F}$)

MTS 640.20 Fracture Mechanics Grips are specifically manufactured to meet ASTM E-399 standards for testing compact tension (C [T]), disk compact tension (DC [T]), arc tension (A [T]), WOL, center-cracked or edge-cracked panel geometries specified in the performance of fracture toughness (K_{Ic}),

J-Integral, crack growth or R-curve determination tests. They include the D-shaped pinhole and exact standard widths needed to accommodate specimen widths from 12.7 to 25.4 mm (0.5 to 1.0 in).

Included are upper and lower grips and two grip pins. Options include additional pins and a mounting kit.

be certain.

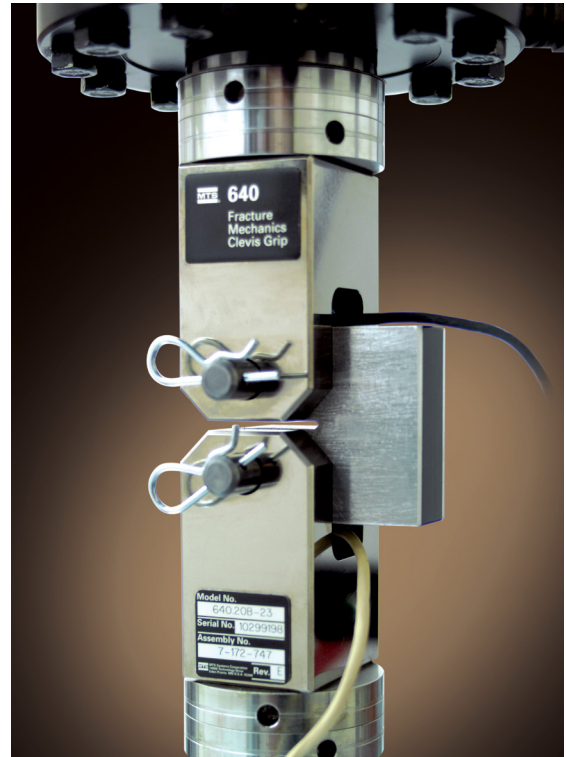
Specifications

Model Number	Specimen (Nominal)		Stud Size	Weight (Each)	Dimensions						
	Width	Pinhole			A	B	C	D	E	F	G
640.20B-21	12.7 mm	12.7 mm	M27x2	0.7 Kg	12.2 mm	38.1 mm	38.1 mm	80 mm	40 mm	13.2 mm	13.2 mm
640.20B-01	0.5 in	0.5 in	1-14	1.5 lb	0.480 in	1.5 in	1.5 in	3.14 in	1.58 in	0.52 in	0.52 in
640.20C-03	25.4 mm	12.7 mm	M27x2	1.4 Kg	12.2 mm	55.9 mm	45.7 mm	80 mm	41 mm	26.2 mm	13.2 mm
	1.0 in	0.5 in	1-14	3 lb	0.480 in	2.2 in	1.8 in	3.14 in	1.62 in	1.03 in	0.52 in

Pin Kits

Each kit includes 2 pins and 4 spring retainers.

Description	Part Number
Replacement pins for 640.20B-01/-21	100-288-705
Replacement pins for 640.20C-03	100-288-702



MTS Systems Corporation
 14000 Technology Drive
 Eden Prairie, MN 55344-2290 USA
 Telephone: 1-952-937-4000
 Toll Free: 1-800-328-2255
 Fax: 1-952-937-4515
 E-mail: info@mts.com
 www.mts.com
 ISO 9001 Certified QMS

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