

testing to perfection

# 500N & 200N Wedge Grips





Shown with Cable Cam Grip testing crimp

## Description

This small, lightweight wedge grip is ideal for tensile testing below 500N. A spring-loaded lever ensures the serrated jaws are easy to open for fast securing and release of samples. As load is applied the wedge action of the jaws ensures the sample is held rigidly without slippage. When fixing to a loadcell/gauge these wedge grips can be used with a chain link assembly (Part No. 432-259) to provide a flexible connection with the sample, particularly useful when testing very low forces. Jaw width is either 16mm or 25mm (200N capacity) and a slot in the rear body allows wider samples to be fitted, although held only over the jaw-width.

### **Applications**

Used for general purpose tensile testing of:

- crimp and welded joints
- films
- flexible sheet materials
- paper

- laminates
- wires
- textiles
- many other materials

#### Specifications

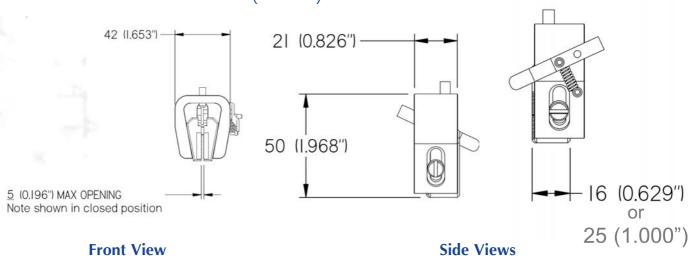
Maximum Capacity	Maximum Specimen Dimensions		Weight	Length	Part No.
	Width	Thickness			
500N (50kgf, 110lbf)	16mm (0.629")	5mm (0.196")	100g (0.22lbs)	50mm (1.968")	432-385
200N (20kgf, 44lbf)	25mm (1")	5mm (0.196")	120g (0.26lbs)	50mm (1.968")	432-415

## www.mecmesin.com



testing to perfection





#### Adaptors

To fit to:	Adaptor Type and (Part Number)**			
Loadcells				
XLC-T / ILC-T 25kN	Not suitable			
XLC-T / ILC-T 10kN, XLC-S / ILC-S 2500N, 5000N	432-331 + 432-329			
XLC-S / ILC-S 1000N	432-364			
XLC-S / ILC-S 100N, 200N, 500N	432-417			
Force Gauge with 5/16 UNC Thread	432-329			
ILC / Force Gauge 10/32 UNF Thread	None required			
Test Stands				
MultiTest 10kN / 25kN	None required - fits to anvil plate			
MultiTest 5kN	None required - fits to anvil plate			
MultiTest 2.5kN	None required - fits to anvil plate			
MultiTest 1kN	None required - fits to anvil plate			
** For further information please see Adaptor Datasheet 431-354-1-1				



**DISTRIBUTOR STAMP** 

Mecmesin reserves the right to alter equipment specifications without prior notice.

**Head Office** Mecmesin Limited Newton House, Spring Copse Business Park, Slinfold, West Sussex, RHI3 OSZ, UK e. sales@mecmesin.com t. +44 (0) 1403 799979

f. +44 (0) 1403 799975

Mecmesin Corporation

U.S.A. e, info@mecmesincorp.com t. +1 703 433 9247 f. +1 703 444 9860

North America

45921 Maries Road,

Suite 120, Sterling

Virginia 20166,

Asia

Mecmesin Asia Co. Ltd 91/1 Chaiyo Building, 11th Floor, Room 1106, Rama 9 Road, Huaykwang,

Bangkok, 10310, Thailand

e. sales@mecmesinasia.com t. +66 2 247 46 81 f. +66 2 247 46 82

China Mecmesin (Shanghai) Pte Ltd

431-354-25-1

Room 302, No. 172, Daxue Lu - University Avenue, Yangpu District, Shanghai, 200433 People's Republic of China e. sales@mecmesin-china.com t. +86 21 5566 1037 / 3377 1738

f. +86 21 5566 1057