






Soft padding attachment PAD Series

(Rectangle Pad • Curved Pad • Square Pad • Round Pad)





This series of attachment with thick foamy pads is ideal for measuring purposes below.

- To avoid scratching surfaces of measuring samples
- To mitigate impact when in contact to samples and put a force gradually
- To put a force evenly on wide or uneven surfaces

PAD series consists of 4 pads in different forms to assess various samples.

Rectangle Pad (PAD-100-25)	Curved Pad (PAD-R80)	Square Pad (PAD-25-25)	Round Pad (PAD-D80)
			
How to install an attachment			
		<p>All of soft padding attachment are installable to any IMADA's force gauges whose measuring capacities are 1000N or lower.*</p> <p>Screw force gauge's male thread into female thread of a soft padding attachment.</p>	

*Please refer to the list of mountable force gauges on the following page.

Testing Image			
Slide resistance test of a drawer (With a rectangle pad)	Arm muscle strength test (With a curved pad)	Force test of putting a lid on a cup (With a round pad)	Car hood closing test (With a round pad)
			




Specifications				
Model	Rectangle Pad PAD-100-25	Curved Pad PAD-R80	Square Pad PAD-25-25	Round Pad PAD-D80
Max. Capacity (N)	1000N	1000N	1000N	1000N
Dimensions	See [Dimensions]			
Hardness	Asker C35 Hardness like soft bicycle grips			
Weight(g) *1	Approx.95	Approx.75	Approx.30	Approx.140
Mounting Screw	M6			

*1 When selecting a force gauge, be noted that weight of jigs is also applied as a load on the force gauge.





*2 We can repair soft paddings once they get deteriorated. Please inquire when repairment is needed.

*3 Different sizes of pads are available as custom-made products. Please inquire when in need.

*4 PAD series is unrecommendable for force-displacement test since the soft pads affect the displacement value. In the same manner, force value is also buffered so it is to be used for relative measurements.

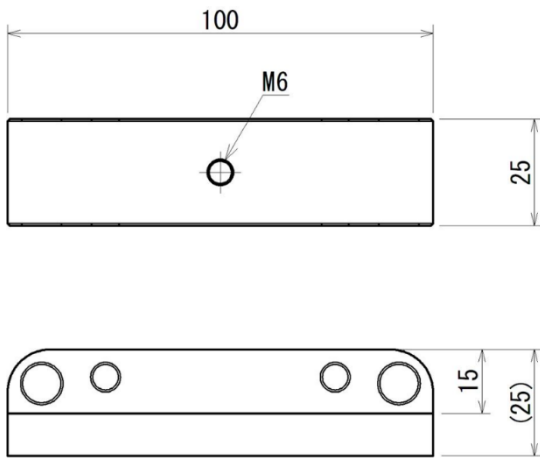
Mountable force gauges		
Digital DST/DSV series	Digital ZTS/ZTA series	Mechanical FB/PS/PSM series
Digital force gauge with excellent cost-performance capable to manage data with PC	Digital force gauge with high precision, featuring high sampling rate and a variety of useful functions.	Mechanical force gauge for easy handling
		

*Select suitable force gauge to correspond with the mounting screws of attachment.

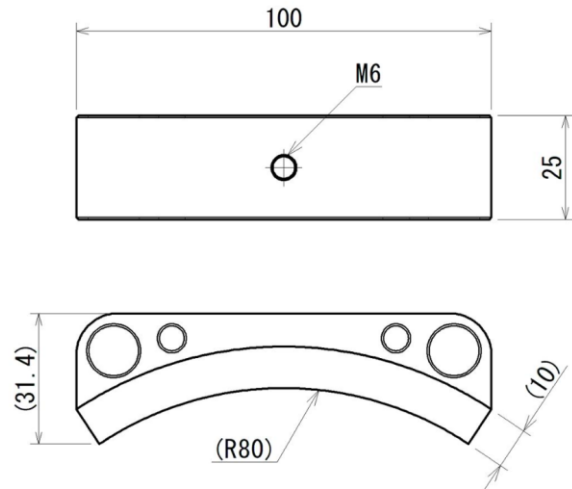
Related Products			
A kit of measuring tool for muscle strength Muscle Force Measurement Device	Optional Handle FOH-1 Hand Grip Belt HGB-1	Universal Joint UJ6-1000N	Simple Type Manual Test Stand SVL-1000N
This kit has 6 jigs including soft padding attachment and a force gauge with a handle in a hard carrying case.	Designed to support testers to put force even on their samples for more precise result. Installable by screws.	Free-joint design to reduce biased load to samples for higher reproducibility.	Manual test stand with a lever to support measuring efficiency.
			

[Dimensions]

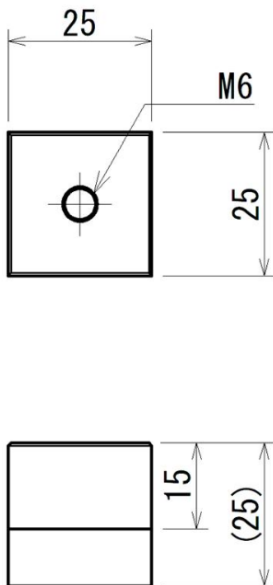
◇Rectangle Pad PAD-100-25



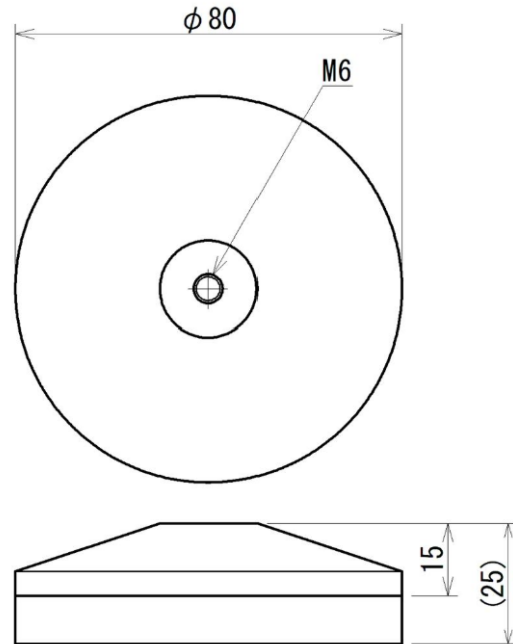
◇Curved Pad PAD-R80



◇Square Pad PAD-25-25



◇Round Pad PAD-D80



[Cautions]

- Information in this document is subject to change without prior notice.
- This document is product descriptions and handling precautions, and do not guarantee various characteristics or safety.
- This product is designed for force measurement purpose only.
- Do not copy and use this content without authorization.
- Do not use this product in the environments including fierce temperature changes, high temperature, high humidity, near water, dusty place.

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