

Compression Plates A-40/60 S-40/40-SL/60

Disk shaped attachment designed for a wide range of compression tests.
Suitable for compression strength tests of ball, sponge, rubber, etc.
Material (Aluminum/Steel) and size (40mm/60mm) are selectable.
S-40-SL is ideal for top load tests of PET bottles due to its slots for air vent.





A-40



S-60



S-40-SL

Testing Image	
Elasticity Force Test of Ball with S-60	Plastic Bottle Top-load Testing with S-40-SL
	

Specifications					
Model	A-40	A-60	S-40	S-40-SL	S-60
Capacity	200N		1000N		
Plate diameter	φ40mm	φ60mm	φ40mm		φ60mm
Dimensions	See [Dimension]				
Weight *1	Approx. 38g	Approx. 84g	Approx. 110g		Approx. 238g
Material	Aluminum		Steel		
Mounting thread	M6				
Compression surface	Flat			Slotted	Flat

* According to the position and the shape of the sample, unbalanced load might happen during the measurement. Using the universal joint for more precise measurement. (Separate sold)

*1 Weight of the attachment is also applied as a load on the force gauge. Consider it when selecting the capacity of a force gauge.

Examples of Product Configuration A-40	
Example 1 For simple compression test up to 200N	Code: 1A2002A
Digital Force Gauge: DST-200N Manual Test Stand: SVL-1000N Optional Attachment: A-40	
Example 2 For functional and versatile testing up to 200N	Code: 1A2002B
Digital Force Gauge: ZTS-200N Motorized Test Stand: MX2-500N Optional Attachment: A-40 Optional Cable: CB-528 *1	
Examples of Product Configuration S-40	
Example 1 For simple compression test up to 1000N	Code: 1S2006A
Digital Force Gauge: DST-1000N Manual Test Stand: SVL-1000N Optional Attachment: S-40	
Example 2 For functional and versatile testing up to 1000N	Code: 1S2006B
Digital Force Gauge: ZTS-1000N Motorized Test Stand: MX2-1000N Optional Attachment: S-40 Optional Cable: CB-528 *1	



A-40 Example 1 Image






A-40 Example 2 Image

* Refer to specifications of each product for details.

* Product configuration varies depending on the shape and characteristic of the sample, and measurement conditions.




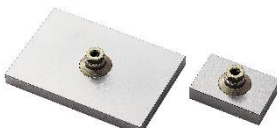



* The recommended capacity of force gauge varies depending on the expected force to be loaded.

*1 Durability test with predetermined force and time can be activated by using optional cable.

Mountable Force Gauge		
DST/DSV series	ZTS/ZTA series	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.
		

* Refer to specifications of the individual product for details.

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

Related Products			
For Small Spot Compression PG series	Urethane Spherical Compression Jig UR series	High Capacity [Disc type] PC series	High Capacity [Rectangle type] SQ series
			
For small area compression, push puncture or penetration test.	For finger pressed image tests, up to 50N.	Ideal for high capacity compression/ breaking testing up to 5000N. They can contact a test samples closely due to a free joint design.	Ideal for high capacity compression/ breaking testing up to 5000N. They can contact a test samples closely due to a free joint design.
High Capacity [Spherical type] SP series	Universal Joint UJ6-1000N/ UJ10-5000N	Durability Test Fixture PR-500N/2500N	
			
For high capacity compression and breaking test up to 5000N.	An optional attachment to prevent unbalanced load.	Ideal for durability tests for retort pouch, heat sealed package, up to 2500N.	

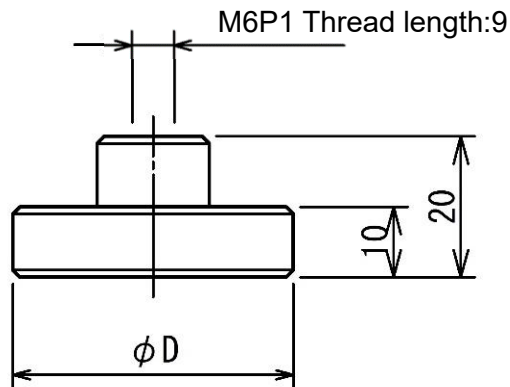
* Refer to specifications of the individual product for details.

Custom made solutions	
Plate Diameter [D]	φ20~100mm
Material	Steel, Aluminum, Plastic, Stainless
Others	Air vent or slit machining

* For other requests, please contact us for details.

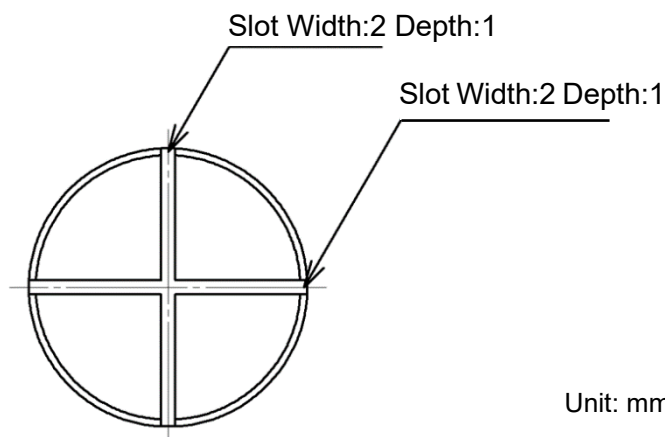
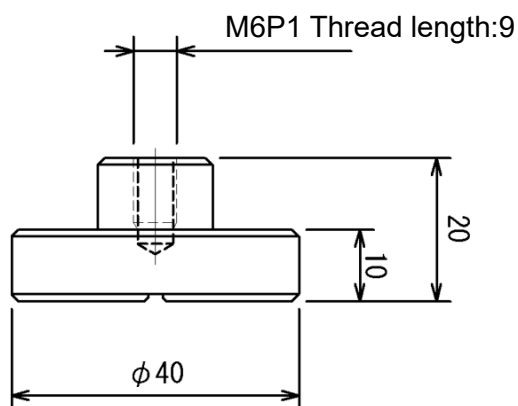
[Dimension]

A-40/60, S-40/60



Model	A-40	A-60	S-40	S-60
Plate Diameter [D]	$\phi 40$	$\phi 60$	$\phi 40$	$\phi 60$

S-40-SL



Unit: mm

[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.
- A force gauge (sold separately) is required to use this product.
- Some samples may not be suitable to measure with this product.

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