# **Standard Attachments for Force Gauges**

The standard attachments are an attachments included in the force gauges as standard \*1 Able to be selected according to the measurement sample and application

\*1 Included attachment is different slightly depending on the force gauge. Please refer to P2 [List of included attachment] for details.

#### ■ Standard attachments: For M6 screw

-A model: Aluminum made

Range of force gauge: less than 100N

-S model: Steel made

Range of force gauge: 200N ~ 1000N (In the case of small hook is SR-1 at 1000N)

Small Hook A-1/S-1/SR-1	Flat Tip A-2/S-2	Conical Tip A-3/S-3	Chisel Tip A-4/S-4	
For tension	For compression	For compression	For compression	
Notched Tip	Extension Shaft	Large Hook	Y Hook	
A-5/S-5	A-6/S-6	A-7S-7	A-8/S-8	
For compression	For length extension	For tension	For tension	

### ■ High capacity model attachments: For M10 screw

-B model: Steel made

Range of force gauge: 1000N ~ 5000N

Small Hook B-1	Flat Tip B-2	Conical Tip B-3	Chisel Tip B-4	
For tension	For compression	For compression	For compression	
Notched Tip B-5	Extension Shaft B-6	Handles B-7*1	Mounting bolts B-8 *2	
For compression	For length extension	For stable measurement	For fixing to test stand	
			†† • • • • • • • • • • • • • • • • • • •	

<sup>\*1 2</sup>pcs set as B-7

<sup>\*2 4</sup>pcs set as B-8

# IMADA CO.,LTD. Standard Attachments

[Specifications]

Model	Α	S	В			
Capacity	A-1~A-8: 100N	S-1: 500N SR-1: 1000N S-2~S-8: 1000N	B-1~8: 5000N			
Screw	M6 female screw	M6 female screw	M10 female screw			
Dimension	Please refer to drawings					
Weight	Please refer to drawings					
Recommended Force gauges(N)	PS/FB/DS2/DST/DSV/ Z2/ZP/ZT series 2N~100N	PS/FB/DS2/DST/DSV/ Z2/ZP/ZT series 200N~1000N	PSH/Z2H/ZPH/ZT series 1000N~5000N			

[List of included attachment] Included standard attachments: For M6 screw

Model	A-1	A-2	A-3	A-4	A-5	A-6	A-7	A-8
ZTS/ZTA 2~100N	✓	✓	✓	1	✓	1	1	1
ZTS/ZTA-DPU 2~100N	✓	✓	✓	1	✓	1	1	1
DST/DSV 2~50N	✓	✓	1	1	1	✓		
PS/PSM 5~100N (0.5~10K) (5~20lb)	/	<b>√</b>	1	1	1	1	1	1
FB 10~100N (0.5~10K) (5~20lb)	/	1	1	1	1	1		

Model	S-1/SR-1 *1	S-2	S-3	S-4	S-5	A-6	S-7	S-8
ZTS/ZTA 200~1000N	<b>✓</b>	✓	1	<b>√</b>	✓	<b>√</b>	1	✓
ZTS/ZTA-DPU 200~500N	✓	✓	1	1	✓	✓	1	1
DST/DSV 200~1000N	✓	✓	1	1	✓	✓		
PS/PSM 200~500N (20~50K) (30~100lb)	<b>√</b>	<b>√</b>	1	1	/	<b>√</b>	1	1
FB 200~500N (20~50K) (30~100lb)	<b>√</b>	<b>√</b>	1	1	<b>/</b>	<b>√</b>		

<sup>\*1</sup> For 1000N model, SR-1 is included instead of S-1.

High capacity model attachments: For M10 screw

Model	B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8
ZTS/ZTA 2500/5000N	<b>√</b>	✓	✓	✓	✓	<b>✓</b>	✓	<b>√</b>
ZTS/ZTA-DPU 1000~5000N	1	1	1	1	1	1		
PSH 500~3000N (50~300K) (200~500lb)	<b>√</b>	1	1	1	1	<b>√</b>	1	/

# [Drawings]

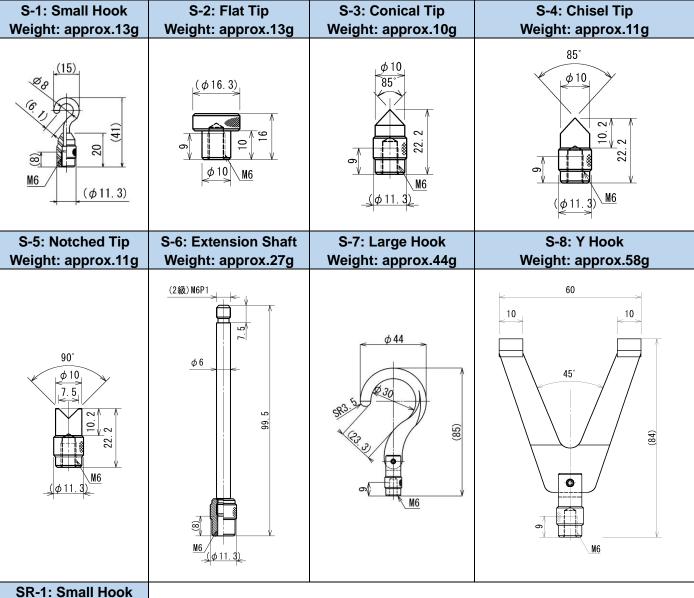
### ■ A models

A-1: Small Hook	A-2: Flat Tip	A-3: Conical Tip	A-4: Chisel Tip
Weight: approx.3g	Weight: approx.3g	Weight: approx.2g	Weight: approx.2g
(12) (3.8) (49.3) (49.3)	(ф13.3) ф9 M6 深9	85°	85° 0.2 01 00 01 00 01 00 01 00 01 00 01 01
A-5: Notched Tip	A-6: Extension Shaft	A-7: Large Hook	A-8: Y Hook
Weight: approx.2g	Weight: approx.7g	Weight: approx.7g	Weight: approx.9g
90° 01 01 01 01 01 01 01 01 01 01	φ6 φ6 99.3) M6 (φ9.3)	SR1.15 (9.19) (6.15) (6.15) (6.15) (6.15) (6.15)	36 26 26 (9 7 25) M6 深9

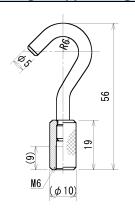
Unit: mm

# [Drawings]

#### ■ S models



SR-1: Small Hook Weight: approx.19g



Unit: mm

# [Drawings]

# ■ B models

B-1: Small Hook	B-2: Flat Tip	B-3: Conical Tip	B-4: Chisel Tip
Weight: approx.59g	Weight: approx.29g	Weight: approx.33g  (φ 16. 3) M10	Weight: approx.38g  φ15  85  0.4  (φ16.3)
B-5: Notched Tip Weight: approx.38g	B-6: Extension Shaft Weight: approx.102g	B-7: Handle	B-8: Mounting bolt
85° φ15 11 11 12 4ε (φ16. 3)	φ13 92 011 011 φ16. 3) M10	02 M16x1. 5 φ24	$\begin{array}{c c}  & & & & \\ \hline 01 & & & & \\ \hline 01 & & & & \\ \hline 01 & & & \\ \hline 02 & & & \\ \hline 8 & & & \\ \hline 02 & & & \\ \hline 8 & & & \\ \hline 03 & & & \\ \hline 8 & & & \\ \hline 04 & & & \\ \hline 8 & & & \\ \hline 05 & & & \\ \hline 8 & & & \\ \hline 06 & & & \\ \hline 8 & & & \\ \hline 07 & & & \\ \hline 8 & & & \\ \hline 08 & & & \\ \hline 10 & & & \\ 10 & & & \\ \hline 10 & & & \\ 10 & & & \\ \hline 10 & & & \\ 10 & & & \\ \hline 10 & & & \\ 10 & & & \\ \hline 10 & & & \\ 10 & & & \\ \hline 10 & & & \\ 10 & & & $

Unit: mm

#### IMADA CO.,LTD. Standard Attachments

## [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.
- Some samples may not be suitable to measure with this product.

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