

Standard Attachments for Force Gauges

The standard attachments are 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 | • | | |
|----------------------------|----------------------|-----------------|-----------------|--|
| 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-7/S-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 | Extension Shaft | Handles | Mounting bolts | |
| B-5 | B-6 | B-7*1 | B-8 *2 | |
| For compression | For length extension | For stable measurement | For fixing to test stand | |
| | | | | |

^{*1 2}pcs set as B-7

^{*2 4}pcs set as B-8



[Specifications]

| [epecinicatione] | | | | | | |
|------------------------|--------------------------|--------------------------|-----------------------|--|--|--|
| Model | A | S | В | | | |
| Capacity A-1~A-8: 100N | | S-1: 500N SR-1: 1000N | B-1~8: 5000N | | | |
| | | S-2~S-8: 1000N | D-1~0. 5000IN | | | |
| Screw | M6 female screw | M6 female screw | M10 female screw | | | |
| Dimension | Please refer to drawings | | | | | |
| Weight | Please refer to drawings | | | | | |
| Recommended | PS/FB/DS2/DST/DSV/ | PS/FB/DS2/DST/DSV/ | PSH/Z2H/ZPH/ZT series | | | |
| Force | Z2/ZP/ZT series | Z2/ZP/ZT series | | | | |
| gauges(N) | 2N~100N | 200N~1000N | 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 |
| ZTS/ZTA-DPU 2~100N | √ | 1 | √ | √ | √ | 1 | ✓ | 1 |
| DST/DSV 2~50N | √ | ✓ | √ | 1 | ✓ | 1 | | |
| PS/PSM 5~100N (0.5~10K) (5~20lb) | √ | 1 | ✓ | 1 | ✓ | 1 | 1 | 1 |
| FB 10~100N (0.5~10K) (5~20lb) | 1 | 1 | 1 | 1 | 1 | 1 | | |

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

^{*1} For 1000N model, SR-1 is included instead of S-1.

High capacity model attachments: For M10 screw

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



[Drawings]

■ A model

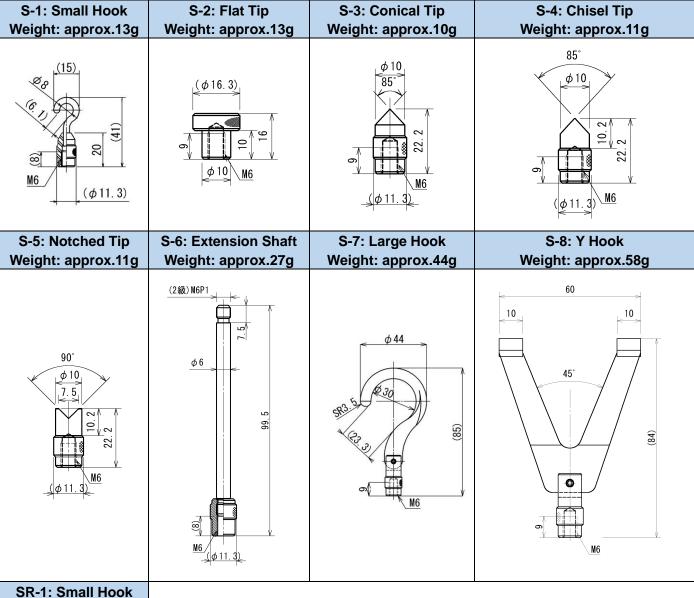
| A-1: Small Hook Weight: approx.3g | A-2: Flat Tip Weight: approx.3g | A-3: Conical Tip Weight: approx.2g | A-4: Chisel Tip Weight: approx.2g | | |
|---------------------------------------|--|---------------------------------------|---|--|--|
| (12) (3.8) (49.3) (49.3) | (ф13.3) ф9 M6 深9 | 85° 夕 8 0.2 (夕 9.3) M6 深9 | | | |
| A-5: Notched Tip Weight: approx.2g | A-6: Extension Shaft Weight: approx.7g | A-7: Large Hook Weight: approx.7g | A-8: Y Hook Weight: approx.9g | | |
| 90° \$\frac{\phi 8}{6} | M6 | SR1. 75 | 36 < 26 26 20 20 | | |
| (夕9.3) M6 深9 | φ6 9.3) M6 (φ9.3) | M6 深9 | M6 深9 | | |

Unit: mm

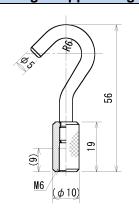


[Drawings]

■ S model



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

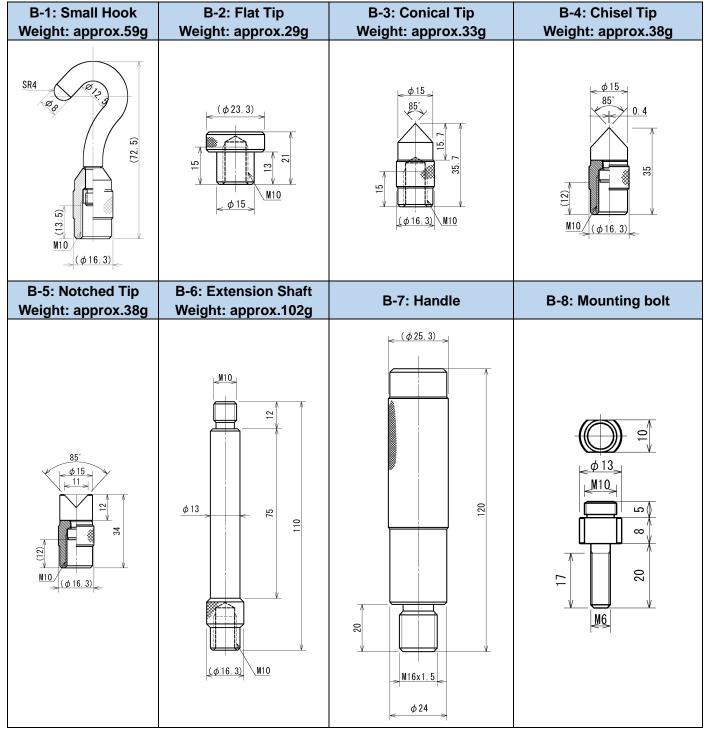


Unit: mm



[Drawings]

■ B model



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

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