



Long Hex Key Wrench Ball-End Type

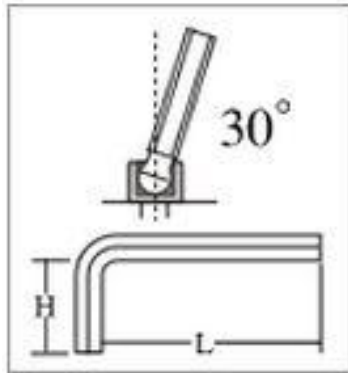
Sizes across flats : 1.5~10.0mm BL-1.5~10.0 / 9pcs. in package BL-A



- Made of the highest quality alloy steel.
- Induction hardened by complete non-oxidizing decarburization correction method.
- Chrome plated surface.
- Ball-end side for temporary fastening. Do not use for tightly fastening to prevent wearing.
- Short flat-faced side for tight fastening.
- Ball end works up to 30° against holes.

Specifications





- Material | Alloy steel
- Heat Treatment | Fully oxide-free heat treatment
- Hardness | 53~61
- Surface treatment | Solid chrome plating



| Part # | Hex size across flats (mm) | H×L (mm) | Weight [g] | Torque capacity | | EAN-code (4952269) |
|--------|-------------------------------|-------------|---------------|-----------------|----------|-----------------------|
| | | | | N · m | kgf · cm | |
| BL-15 | 1.5 | 14×80 | 5 | 0.82 | 8.36 | 608021 |
| BL-20 | 2.0 | 19×96 | 8 | 1.9 | 19.4 | 608038 |
| BL-25 | 2.5 | 18×111 | 10 | 3.8 | 38.7 | 608045 |
| BL-30 | 3.0 | 20×127 | 11 | 6.6 | 67.3 | 608052 |
| BL-40 | 4.0 | 25×142 | 20 | 16 | 163 | 608069 |
| BL-50 | 5.0 | 28×160 | 37 | 30 | 306 | 608076 |
| BL-60 | 6.0 | 32×180 | 55 | 52 | 530 | 608083 |
| BL-80 | 8.0 | 36×198 | 110 | 120 | 1224 | 608090 |
| BL-100 | 10.0 | 40×225 | 190 | 220 | 2243 | 608106 |
| BL-A | 9pcs. set in package | | | | | 648010 |

*Torque capacity is for short (flat-face) side.

*Don't use these items with torque exceeding capacity shown above.

| Correspondance between hex key and bolts | | | | |
|--|---|---|--|---|
| Hex diameter across flats (mm) | Cap screw | Hex socket set screw | Hex socket button head screw | Hex socket countersunk head screw |
| |  |  |  |  |
| 1.5 | M1.6 M2 | M3 | | |
| 2.0 | M2.5 | M4 | M3 | M3 |
| 2.5 | M3 | M5 | M4 | M4 |
| 3.0 | M4 | M6 W1/4 | M5 | M5 |
| 4.0 | M5 | M8 W5/16 | M6 | M6 |
| 5.0 | M6 W1/4 | M10 W3/8 | M8 | M8 |
| 6.0 | M8 W5/16 | M12 W1/2 | M10 | M10 |
| 8.0 | M10 W3/8 | M16 W5/8 | M12 | M12 |
| 10.0 | M12 W1/2 | M20 W3/4 | M16 | M16 |