

## INTERCHANGEABLE HEAD PRESET TORQUE WRENCHES



ATTENTION: CLOCKWISE  
OPERATION ONLY

- Torque is preset, to prevent adjustment by mistake during use
- The torque is set at the factory before delivery.  
Customers can also set the torque with torque adjustment tool (optional) and digital torque testers (IST-TT□□□, optional)
- Clockwise operation only



IST-41WM120



torque adjustment tool  
(optional)

### SPECIFICATION

| Code         | Adjustable range* |               | Accuracy                       | Socket size (A×B) | Length | Weight |
|--------------|-------------------|---------------|--------------------------------|-------------------|--------|--------|
| IST-41WM5    | 1~5N.m            | 10~45lb.in    | ±3%                            | 12×9mm            | 145mm  | 220g   |
| IST-41WM10   | 2~10N.m           | 20~90lb.in    |                                | 12×9mm            | 155mm  | 230g   |
| IST-41WM12   | 2.5~12N.m         | 20~105lb.in   |                                | 12×9mm            | 200mm  | 340g   |
| IST-41WM20   | 4~20N.m           | 30~180lb.in   |                                | 12×9mm            | 240mm  | 400g   |
| IST-41WM30   | 6~30N.m           | 50~250lb.in   |                                | 12×9mm            | 240mm  | 400g   |
| IST-41WM60   | 10~60N.m          | 9~45lb.ft     |                                | 12×9mm            | 310mm  | 400g   |
| IST-41WM120  | 25~120N.m         | 20~90lb.ft    |                                | 12×9mm            | 355mm  | 600g   |
| IST-41WM200  | 40~200N.m         | 30~150lb.ft   |                                | 18×14mm           | 417mm  | 860g   |
| IST-41WM340  | 65~340N.m         | 50~250lb.ft   |                                | 18×14mm           | 681mm  | 1300g  |
| IST-41WM500  | 100~500N.m        | 80~400lb.ft   |                                | 32×24mm           | 910mm  | 2300g  |
| IST-41WM650  | 150~650N.m        | 100~500lb.ft  | ±3% (≤500N.m)<br>±4% (>500N.m) | 32×24mm           | 1030mm | 2560g  |
| IST-41WM800  | 160~800N.m        | 120~600lb.ft  |                                | 32×24mm           | 1030mm | 4800g  |
| IST-41WM1000 | 200~1000N.m       | 150~750lb.ft  |                                | 32×24mm           | 1260mm | 5700g  |
| IST-41WM1500 | 300~1500N.m       | 200~1100lb.ft |                                | 36×27mm           | 1610mm | 7800g  |
| IST-41WM2000 | 400~2000N.m       | 300~1500lb.ft |                                | 36×27mm           | 1910mm | 9200g  |
| IST-41WM3000 | 600~3000N.m       | 400~2200lb.ft | ±4%                            | 36×27mm           | 2010mm | 9600g  |

### OPTIONAL ACCESSORY

|                        |  |
|------------------------|--|
| Torque adjustment tool | IST-36WM-TOOL1 (suitable for IST-41WM5, IST-41WM10)  |
|                        | IST-36WM-TOOL2 (suitable for IST-41WM12, IST-41WM20, IST-41WM30, IST-41WM60, IST-41WM120)  |
|                        | IST-PW-TOOL (suitable for IST-41WM200, IST-41WM340, IST-41WM500, IST-41WM650, IST-41WM800, IST-41WM1000, IST-41WM1500, IST-41WM2000, IST-41WM3000) |

\* Adjust to a fixed torque value according to customer requirements before delivery

### RATCHET HEAD (optional)

| Code        | Square driver | Applicable wrenches  |
|-------------|---------------|--|
| IST-11WM-R1 | 1/4"          | IST-41WM5, IST-41WM10, IST-41WM12, IST-41WM20, IST-41WM30                          |
| IST-11WM-R2 | 3/8"          | IST-41WM5, IST-41WM10, IST-41WM12, IST-41WM20, IST-41WM30, IST-41WM60, IST-41WM120 |
| IST-11WM-R3 | 1/2"          | IST-41WM200, IST-41WM340   |
| IST-11WM-R4 | 3/4"          | IST-41WM200, IST-41WM340   |
| IST-11WM-R5 | 3/4"          | IST-41WM500, IST-41WM650, IST-41WM800, IST-41WM1000                                |
| IST-11WM-R6 | 1"            | IST-41WM1500, IST-41WM2000, IST-41WM3000   |

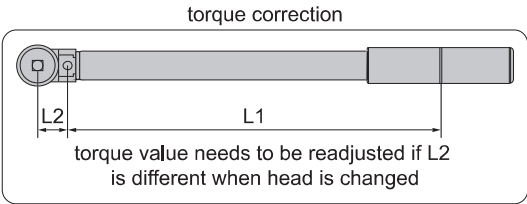




# OPEN END HEAD (optional)

| Code          | Open size | Applicable wrenches   |
|---------------|-----------|---|
| IST-11WM-K4   | 4mm       | <b>IST-41WM5</b><br><b>IST-41WM10</b><br><b>IST-41WM12</b><br><b>IST-41WM20</b><br><b>IST-41WM30</b><br><b>IST-41WM60</b><br><b>IST-41WM120</b><br>(A×B 12×9mm) |
| IST-11WM-K5   | 5mm       |   |
| IST-11WM-K5D5 | 5.5mm     |   |
| IST-11WM-K6   | 6mm       |   |
| IST-11WM-K7   | 7mm       |   |
| IST-11WM-K8   | 8mm       |   |
| IST-11WM-K9   | 9mm       |   |
| IST-11WM-K10  | 10mm      |   |
| IST-11WM-K11  | 11mm      |   |
| IST-11WM-K12  | 12mm      |   |
| IST-11WM-K13  | 13mm      |   |
| IST-11WM-K14  | 14mm      |   |
| IST-11WM-K15  | 15mm      |   |
| IST-11WM-K16  | 16mm      |   |
| IST-11WM-K17  | 17mm      |   |
| IST-11WM-K19* | 19mm      |   |
| IST-11WM-K20* | 20mm      |   |
| IST-11WM-K25* | 25mm      |   |
| IST-11WM-K30* | 30mm      |   |
| IST-11WM-K35* | 35mm      |   |
| IST-11WM-K40* | 40mm      |   |
| IST-11WM-K45* | 45mm      |   |
| IST-11WM-K50* | 50mm      |   |
| IST-11WM-K55* | 55mm      |   |
| IST-11WM-K60* | 60mm      |   |
| IST-11WM-K65* | 65mm      |   |
| IST-11WM-K70* | 70mm      |   |
| IST-11WM-K75* | 75mm      |   |
| IST-11WM-K80* | 80mm      |   |
| IST-11WM-K85* | 85mm      |   |
| IST-11WM-K90* | 90mm      |   |
| IST-11WM-K95* | 95mm      |   |
| IST-11WM-K6A  | 6mm       | <b>IST-41WM200</b><br><b>IST-41WM340</b><br>(A×B 18×14mm)   |
| IST-11WM-K7A  | 7mm       |   |
| IST-11WM-K8A  | 8mm       |   |
| IST-11WM-K9A  | 9mm       |   |
| IST-11WM-K10A | 10mm      |   |

\* Torque value needs to be readjusted for these heads



| Code           | Open size | Applicable wrenches  |
|----------------|-----------|--|
| IST-11WM-K11A  | 11mm      | <b>IST-41WM200</b><br><b>IST-41WM340</b><br>(A×B 18×14mm)  |
| IST-11WM-K12A  | 12mm      |  |
| IST-11WM-K13A  | 13mm      |  |
| IST-11WM-K14A  | 14mm      |  |
| IST-11WM-K15A  | 15mm      |  |
| IST-11WM-K16A  | 16mm      |  |
| IST-11WM-K17A  | 17mm      |  |
| IST-11WM-K18A  | 18mm      |  |
| IST-11WM-K19A  | 19mm      |  |
| IST-11WM-K20A  | 20mm      |  |
| IST-11WM-K21A  | 21mm      |  |
| IST-11WM-K22A  | 22mm      |  |
| IST-11WM-K23A  | 23mm      |  |
| IST-11WM-K24A  | 24mm      |  |
| IST-11WM-K25A  | 25mm      |  |
| IST-11WM-K30A* | 30mm      |  |
| IST-11WM-K35A* | 35mm      |  |
| IST-11WM-K40A* | 40mm      |  |
| IST-11WM-K45A* | 45mm      |  |
| IST-11WM-K50A* | 50mm      |  |
| IST-11WM-K55A* | 55mm      |  |
| IST-11WM-K60A* | 60mm      |  |
| IST-11WM-K65A* | 65mm      |  |
| IST-11WM-K70A* | 70mm      |  |
| IST-11WM-K75A* | 75mm      |  |
| IST-11WM-K80A* | 80mm      |  |
| IST-11WM-K85A* | 85mm      |  |
| IST-11WM-K90A* | 90mm      |  |
| IST-11WM-K13B  | 13mm      | <b>IST-41WM500</b><br><b>IST-41WM650</b><br><b>IST-41WM800</b><br><b>IST-41WM1000</b><br>(A×B 32×24mm) |
| IST-11WM-K14B  | 14mm      |  |
| IST-11WM-K15B  | 15mm      |  |
| IST-11WM-K16B  | 16mm      |  |
| IST-11WM-K17B  | 17mm      |  |
| IST-11WM-K18B  | 18mm      |  |
| IST-11WM-K19B  | 19mm      |  |
| IST-11WM-K20B  | 20mm      |  |
| IST-11WM-K21B  | 21mm      |  |
| IST-11WM-K22B  | 22mm      |  |
| IST-11WM-K24B  | 24mm      |  |
| IST-11WM-K25B  | 25mm      |  |
| IST-11WM-K26B  | 26mm      |  |
| IST-11WM-K27B  | 27mm      |  |
| IST-11WM-K28B  | 28mm      |  |
| IST-11WM-K29B  | 29mm      |  |
| IST-11WM-K30B  | 30mm      |  |

| Code            | Open size | Applicable wrenches  |
|-----------------|-----------|--|
| IST-11WM-K32B   | 32mm      | <b>IST-41WM500</b><br><b>IST-41WM650</b><br><b>IST-41WM800</b><br><b>IST-41WM1000</b><br>(A×B 32×24mm) |
| IST-11WM-K35B*  | 35mm      |  |
| IST-11WM-K40B*  | 40mm      |  |
| IST-11WM-K45B*  | 45mm      |  |
| IST-11WM-K50B*  | 50mm      |  |
| IST-11WM-K55B*  | 55mm      |  |
| IST-11WM-K60B*  | 60mm      |  |
| IST-11WM-K65B*  | 65mm      |  |
| IST-11WM-K70B*  | 70mm      |  |
| IST-11WM-K75B*  | 75mm      |  |
| IST-11WM-K80B*  | 80mm      | <b>IST-41WM1500</b><br><b>IST-41WM2000</b><br><b>IST-41WM3000</b><br>(A×B 36×27mm)                     |
| IST-11WM-K85B*  | 85mm      |  |
| IST-11WM-K95B*  | 95mm      |  |
| IST-11WM-K17C   | 17mm      |  |
| IST-11WM-K18C   | 18mm      |  |
| IST-11WM-K19C   | 19mm      |  |
| IST-11WM-K20C   | 20mm      |  |
| IST-11WM-K22C   | 22mm      |  |
| IST-11WM-K24C   | 24mm      |  |
| IST-11WM-K26C   | 26mm      |  |
| IST-11WM-K27C   | 27mm      |  |
| IST-11WM-K28C   | 28mm      |  |
| IST-11WM-K29C   | 29mm      |  |
| IST-11WM-K30C   | 30mm      |  |
| IST-11WM-K32C   | 32mm      |  |
| IST-11WM-K34C   | 34mm      |  |
| IST-11WM-K36C   | 36mm      |  |
| IST-11WM-K38C   | 38mm      |  |
| IST-11WM-K40C   | 40mm      |  |
| IST-11WM-K41C   | 41mm      |  |
| IST-11WM-K42C   | 42mm      |  |
| IST-11WM-K44C   | 44mm      |  |
| IST-11WM-K45C   | 45mm      |  |
| IST-11WM-K46C   | 46mm      |  |
| IST-11WM-K50C*  | 50mm      |  |
| IST-11WM-K55C*  | 55mm      |  |
| IST-11WM-K60C*  | 60mm      |  |
| IST-11WM-K65C*  | 65mm      |  |
| IST-11WM-K70C*  | 70mm      |  |
| IST-11WM-K75C*  | 75mm      |  |
| IST-11WM-K80C*  | 80mm      |  |
| IST-11WM-K85C*  | 85mm      |  |
| IST-11WM-K90C*  | 90mm      |  |
| IST-11WM-K95C*  | 95mm      |  |
| IST-11WM-K100C* | 100mm     |  |

# OPTIONAL ACCESSORY

|                           |   |
|---------------------------|---|
| Non-standard wrench heads | customized according to customer requirements |
|---------------------------|---|