



**BOLTORQ**  
Inspiring Bolting Era, Accelerating Growth

# Hydraulic Torque Wrench

I B T Series



[www.boltorq.com](http://www.boltorq.com)

# Hydraulic Torque Wrench

Hydraulic Torque Wrenches are a work horse of the bolting world, readily available and proven, the Wrenches have a wide variety of applications.

## FEATURES :

- Simple, faster, efficient and reliable Torque Wrench.
- High pressure seal design, suitable for static & dynamic applications.
- Quick push through drive for ease of loosening & tightening.



## SPECIFICATIONS :

- Available torque ranges up to 50,000 Ft. Lbs. with Maximum operating pressure of 10000 PSI (700 bar).
- Applications include Tower Bolt Sections, Pillow block for gearbox / Alternator and Yaw drive and cover most bolt sizes for Wind Turbines.
- Special Tools for Holding Available.
- BOLTORQ Hydraulic Torque Wrenches maintain an accuracy of  $\pm 3\%$  while torquing.

BOLTORQ manufactures Simple, Faster, Efficient and Reliable Hydraulic Torque Wrenches that are user friendly. The high strength alloy steel and controlled vacuum heat treatment ensures stronger drive components. Improved high pressure seal design is suitable for static & dynamic applications.

## There are -

- Provision for lifting tools / handle.
- Standard spline design with torque effective length for exact PCD engagement of reaction Arm.
- High strength aerospace aluminium material for light weight and stronger body design.
- Scratch proof hard anodized body and reaction arm.

## TECHNICAL DATA

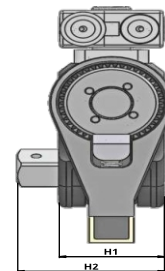
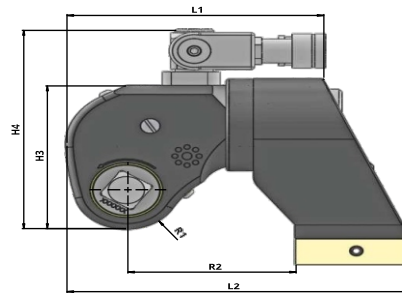
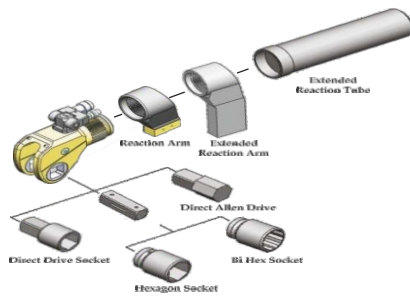
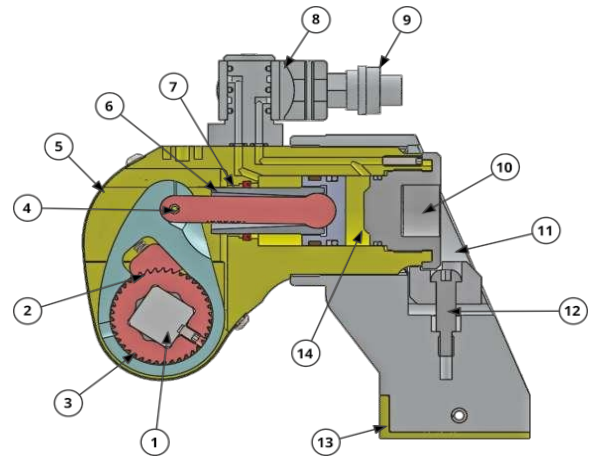
| TYPE          | 07IBT    | 11BT     | 31BT     | 51BT     | 81BT       | 101BT      | 201BT      | 251BT      | 351BT      | 501BT      |
|---------------|----------|----------|----------|----------|------------|------------|------------|------------|------------|------------|
| Torque (N.m)  | 112-1120 | 183-1837 | 451-4512 | 752-7528 | 1078-10780 | 1551-15516 | 2666-26664 | 3472-34725 | 4866-48666 | 7200-72000 |
| Bolt Size (M) | 14-30    | 16-36    | 22-48    | 27-56    | 30-64      | 36-72      | 42-90      | 48-100     | 64-120     | 72-125     |
| Weight (Kg)   | 1.8      | 2.5      | 5        | 8        | 11         | 15         | 26.5       | 35         | 50         | 87         |
| Square Drive  | 3/4"     | 3/4"     | 1"       | 1-1/2"   | 1-1/2"     | 1-1/2"     | 2-1/2"     | 2-1/2"     | 2-1/2"     | 2-1/2"     |

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- 1) Quick push through drive for ease of loosening and targeting.
- 2) Fine Ratchet and Pawl for better engagement.
- 3) Multi tooth drive segment ensures and engagement upto 32°.
- 4) Balanced drive Rod - Side load free piston movement.
- 5) Laser engraved torque chart in (Nm & ft lbs).
- 6) Hard chrome plating on piston rod ensures better wear resistance of rod seal.
- 7) Self lubricating low Nickel Bronze drive bush protects the body from wear.
- 8) 360° x 180° swivel for Hydraulic Couplers offer better degree of movement.
- 9) Leak proof quick connect couplers for easy & safe operation.
- 10) End-cap design for sufficient back pressure for smooth piston forward force.
- 11) Rigid reaction suitable for heavy load application.
- 12) Simple design reaction arm release button for ease of operations.
- 13) Alloy Steel reaction boot (Available in multi-color option).
- 14) Cold worked cylinder bore for longer life and super finish for long working conditions.



## DINENSIONAL DATA

| TYPE   | L1    | L2    | H1  | H2   | H3   | H4    | R     | R1   | R2   | R3   |
|--------|-------|-------|-----|------|------|-------|-------|------|------|------|
| 07 IBT | 110.8 | 139.3 | 42  | 65.8 | 76.2 | 108.1 | 75    | 20.5 | 68.3 | 25   |
| 1 IBT  | 144.5 | 173.5 | 50  | 72   | 96   | 131   | 91.5  | 26   | 85   | 29   |
| 3 IBT  | 178   | 229   | 68  | 95   | 127  | 176.5 | 123.5 | 34   | 114  | 40   |
| 5 IBT  | 210.5 | 270.5 | 80  | 123  | 149  | 199   | 140   | 39   | 137  | 46.5 |
| 8 IBT  | 222   | 293   | 90  | 134  | 167  | 217   | 165   | 47   | 153  | 47   |
| 10 IBT | 245.5 | 317.5 | 100 | 142  | 182  | 232   | 178   | 51   | 154  | 58.5 |
| 20 IBT | 307.5 | 383.5 | 120 | 183  | 220  | 270   | 213   | 59   | 186  | 71   |
| 25 IBT | 323   | 401   | 137 | 200  | 247  | 297   | 228   | 66   | 199  | 66   |
| 35 IBT | 372.5 | 496.5 | 153 | 216  | 282  | 332   | 243.5 | 77   | 241  | 79   |
| 50 IBT | 400   | 516   | 160 | 223  | 291  | 341   | 258   | 81   | 259  | 97.5 |





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## **BOLTORQ Infracon PVT LTD**

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