



# High Torque Indicating Ratchet Wrenches



## Dynamic Torque Feedback

- 1 Versatility**  
Two distinct wrench designs are now available to enable placement of additional ZimVie Implants with a High Torque Indicating Ratchet Wrench.
- 2 Accuracy**  
Indicates forward and reverse insertion torque levels for implant insertion from 50 to 90 Ncm.
- 3 Simplicity**  
Disassembles and reassembles easily for cleaning, sterilization, and use.  
No lubrication or calibration needed.



ZimVie now offers two High Torque Ratchet Wrenches, allowing placement of additional dental implants with dynamic torque feedback. The two ratchet wrenches are visually distinct to differentiate and facilitate accurate selection for the implant being placed.

### H-TIRW



H-TIRW is utilized with T3<sup>®</sup> and Osseotite<sup>®</sup> Implants and features a black head and insert. Insertion torque during placement of these implants with the H-TIRW is not to exceed 90 Ncm.

### ZTIRW

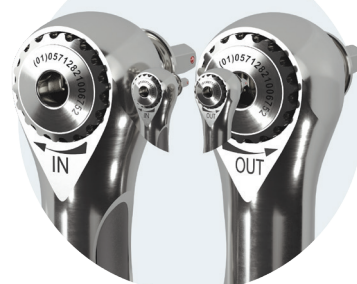


ZTIRW is compatible with placement of Trabecular Metal<sup>™</sup>, TSX<sup>™</sup>, TSV<sup>®</sup>, Eztetic<sup>®</sup>, and Tapered SwissPlus<sup>®</sup> Implants, and all three of the tool components are silver in color. Additional visual distinction from the H-TIRW includes a laser line on the head of the tool and the part number [ZTIRW] etched on the shank. NOTE: If high insertion torque during implant placement is anticipated, dense bone preparation and tapping are required to reduce insertion torque to 90 Ncm or below when using ZTIRW for torque indication. Do not exceed 90 Ncm when pulling on the torque-indicating arm. Utilize the ZTIRW body, without pulling on torque-indicating arm, as a traditional ratchet wrench, for torques up to 110 Ncm.

### Easy disassembly for cleaning and sterilization



### Forward and reverse torque indication from 50 to 90 Ncm



### Ordering Information

Item No.	Description
H-TIRW	High Torque Indicating Ratchet Wrench for T3 and Osseotite Implants (Compatible drivers include IRE100U, IRE200U for implants with the Certain <sup>®</sup> connection and RE100, RE200 for implants with an External Hex)
ZTIRW	High Torque Indicating Ratchet Wrench for Trabecular Metal, TSX <sup>™</sup> , TSV, Eztetic, and Tapered SwissPlus Implants (Compatible implant drivers include CHR2.1, CHRL2.1, RH2.5, RHL2.5, HX3.0-S, HXL3.0-S, OT3.0-S, OTL3.0-S and Implant Fixture Mounts)

For more information, visit [ZimVie.com](http://ZimVie.com)

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