

Series **STW**

TORQUE WRENCHES

Reference Guide

GENERAL

Carefully remove the sensor from its packaging and inspect for any damage.

The sensor is shipped ready to use. No assembly is required.

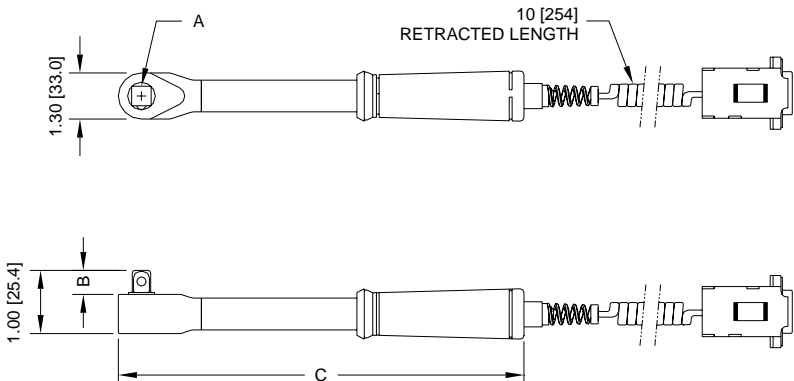
Series STW torque sensors work in conjunction with the BGI force/torque indicator for instantaneous, average, and peak torque measurements. Simply plug the 15-pin connector into the external sensor connector on the indicator.

Please note that all calibration data and menu selections programmed and saved during setup with the BGI are saved within the sensor. While this allows for interchangeability, each sensor must be programmed separately.

For the most accurate readings, be sure to apply torque gradually. Avoid repetitive shock and impact loading in order to extend the life of your unit.

DIMENSIONS AND SPECIFICATIONS

in [mm]



Model	Capacity x Resolution	A	B	C
STW100	100 x 0.1 lbFin, 1150 x 1 kgFmm, 1150 x 1 Ncm	3/8" SQUARE	0.5 [12.7]	11.0
STW500	500 x 0.5 lbFin, 5000 x 5 kgFmm, 5000 x 5 Ncm			14.0
STW1000	1000 x 1 lbFin, 11500 x 10 kgFmm, 11000 x 10 Ncm	1/2"	0.7	20.0

Accuracy: $\pm 0.6\%$ FS + BGI
 Operating conditions:
 Temperature: 40°F - 110°F [5°C - 45°C]
 Humidity: 96% max. (no condensation)
 Safe overload % of capacity: 150