

Torque Wrench Guide

Connector	Material ¹	Minimum ²	Recommended ³	Click-Type ⁴	Breakover-Type ⁵	Screwdriver-Type ⁶
SMA	Brass	3 in-lbs .34 N-m	5 in-lbs .56 N-m	74Z-0-0-79 (5/16" 4 in-lbs / .45 N-m) ST-SMA5 (5/16" 5 in-lbs / .56 N-m)	ST-SMA10 (5/16" 5 in-lbs / .56 N-m) ST-SMA-516-BO5 (5/16" 5 in-lbs / .56 N-m)	ST-SMA9 (5/16" 5 in-lbs / .56 N-m)
	Stainless Steel	6 in-lbs .68 N-m	7.5 ~ 9 in-lbs .85 ~ 1.07 N-m	ST-SMA1 (5/16" 7.5 in-lbs / .85 N-m) ST-SMA2 (5/16" 6 in-lbs / .68 N-m) ST-SMA3 (5/16" 8 in-lbs / .90 N-m) 74Z-0-0-21 (5/16" 8.85 in-lbs / 1 N-m)	ST-SMA7 (5/16" 8 in-lbs / .90 N-m) ST-SMA-516-BO8 (5/16" 8 in-lbs / .90 N-m)	ST-SMA8 (5/16" 8 in-lbs / .90 N-m)
SSMA	Brass	3 in-lbs .34 N-m	5 in-lbs .56 N-m	ST-SSMA1 (1/4" 5 in-lbs / .56 N-m)	ST-SSMA-14-BO5 (1/4" 5 in-lbs / .56 N-m)	*
	Stainless Steel	7 in-lbs .79 N-m	8 in-lbs .90 N-m	ST-SSMA2 (1/4" 8 in-lbs / .90 N-m)	ST-SSMA-14-BO8 (1/4" 8 in-lbs / .90 N-m)	*
SMC	Brass	1.9 in-lbs .21 N-m	3.1 in-lbs .35 N-m	ST-SMC1 (1/4" 3 in-lbs / .34 N-m)	ST-SMC-1564-BO3 (15/64" 3 in-lbs / .34 N-m)	*
SSMC	Brass	1.75 in-lbs .2 N-m	2 in-lbs .23 N-m	ST-SSMC (5/32" 2 in-lbs / .23 N-m) ST-SSMC1 (5/32" 2 in-lbs / .23 N-m low-profile)	ST-SSMC-532-BO2 (5/32" 2 in-lbs / .23 N-m)	ST-SSMC2 (5/32" 2 in-lbs / .23 N-m)
1mm	Stainless Steel	4 in-lbs .45 N-m	4 in-lbs .45 N-m	ST-1mm1 (6mm 4 in-lbs / .45 N-m)	ST-1MM-1564-BO4 (15/64" 4 in-lbs / .45 N-m)	*
1.85mm	Stainless Steel	9 in-lbs 1.02 N-m	9 in-lbs 1.02 N-m	ST-MW1 (5/16" 9 in-lbs / 1.02 N-m)	ST-SMA-516-BO12 (5/16" 12 in-lbs / 1.36 N-m)	*
2.4mm	Stainless Steel	9 in-lbs 1.02 N-m	9 in-lbs 1.02 N-m	ST-MW1 (5/16" 9 in-lbs / 1.02 N-m)	ST-SMA-516-BO12 (5/16" 12 in-lbs / 1.36 N-m)	*
2.92mm	Stainless Steel	9 in-lbs 1.02 N-m	9 in-lbs 1.02 N-m	ST-MW1 (5/16" 9 in-lbs / 1.02 N-m)	ST-SMA-516-BO12 (5/16" 12 in-lbs / 1.36 N-m)	*
3.5mm	Stainless Steel	9 in-lbs 1.02 N-m	9 in-lbs 1.02 N-m	ST-MW1 (5/16" 9 in-lbs / 1.02 N-m)	ST-SMA-516-BO12 (5/16" 12 in-lbs / 1.36 N-m)	*
7mm	Stainless Steel	10 in-lbs 1.13 N-m	12 in-lbs 1.36 N-m	ST-7mm (3/4" 12 in-lbs / 1.36 N-m)	*	N/A
TNC	Brass	6 in-lbs .68 N-m	6.1 in-lbs .69 N-m	*	ST-TNC-58-BO6 (5/8" 6.1 in-lbs / .69 N-m) ST-TNC-916-BO6 (9/16" 6.1 in-lbs / .69 N-m)	N/A
	Stainless Steel	12 in-lbs 1.36 N-m	13 in-lbs 1.47 N-m	ST-TNC1 (9/16" 13 in-lbs / 1.47 N-m) ST-TNC2 (5/8" 13 in-lbs / 1.47 N-m)	ST-TNC-58-BO12 (5/8" 12 in-lbs / 1.36 N-m) ST-TNC-916-BO12 (9/16" 12 in-lbs / 1.36 N-m)	N/A
N	Brass	6.2 in-lbs .7 N-m	8.85 in-lbs 1 N-m	ST-N5 (20mm 8.85 in-lbs / 1 N-m)	ST-N-2532-BO8 (25/32" 8.1 in-lbs / .92 N-m) ST-N-34-BO8 (3/4" 8.1 in-lbs / .92 N-m) ST-N-1316-BO8 (13/16" 8.1 in-lbs / .92 N-m)	N/A
	Stainless Steel	12 in-lbs 1.36 N-m	13 ~ 14 in-lbs 1.47 ~ 1.58 N-m	ST-N1 (13/16" 14 in-lbs / 1.58 N-m) ST-N2 (3/4" 13 in-lbs / 1.47 N-m) ST-N3 (18mm 13 in-lbs / 1.47 N-m) ST-N4 (19mm 13 in-lbs / 1.47 N-m) ST-N8 (20mm 13 in-lbs / 1.47 N-m)	ST-N-2532-BO14 (25/32" 14 in-lbs / 1.58 N-m) ST-N-34-BO14 (3/4" 14 in-lbs / 1.58 N-m) ST-N-1316-BO14 (13/16" 14 in-lbs / 1.58 N-m)	N/A
HN	Brass	15 in-lbs 1.69 N-m	16 in-lbs 1.81 N-m	ST-HN1 (7/8" 16 in-lbs / 1.81 N-m)	*	N/A
4.1/9.5 MINIDIN	Brass	88 in-lbs 9.94 N-m	90 in-lbs 10.17 N-m	ST-4195 (22mm 90 in-lbs / 10.17 N-m)	*	N/A
7/16	Brass	221 in-lbs 24.97 N-m	221 in-lbs 24.97 N-m	ST-D1 (32mm 221 in-lbs / 24.97 N-m) ST-D2 (27mm 221 in-lbs / 24.97 N-m) ST-D3 (1 3/8" 221 in-lbs / 24.97 N-m)	*	N/A

* A torque wrench for this configuration is not currently in stock. Please call Sales @ 1-800-715-4396 for a quote.

1 The material the connector body is comprised of.

2 Minimum recommended torque value for a successful connection per applicable MIL-STD or industry standard.

3 Fairview recommended torque value for an optimal connection.

4 A torque wrench using a ball detent and spring style clutch mechanism.

5 A torque wrench that 'breaks over' once the preset torque value is reached, removing the chance of over torquing.

6 A torque screwdriver that eliminates over torquing by use of an internal slipping mechanism.