



Lawson Tru-Torq® Torque Chart

Diameter/ Pitch	Clamp Load (Lbs.)	Torque @ 75% Proof Load (Ft.-Lbs.)
1/4-20	3,580	19
1/4-28	4,092	21
5/16-18	5,898	34
5/16-24	6,532	37
3/8-16	8,718	41
3/8-24	9,881	46
7/16-14	11,960	65
7/16-20	13,356	73
1/2-13	15,964	100
1/2-20	17,995	112

Diameter/ Pitch	Clamp Load (Lbs.)	Torque @ 75% Proof Load (Ft.-Lbs.)
9/16-12	20,469	144
9/16-18	22,835	161
5/8-11	25,425	252
5/8-18	28,795	285
3/4-10	37,627	447
3/4-16	41,958	498
7/8-9	51,945	720
7/8-14	57,260	794
1-8	68,148	1,079
1-14	76,487	1,211

The above torque values apply only when all components of the Tru-Torq® fastener system are used. If the Tru-Torq® through-hardened washer is omitted, if any substitution of any component is made, or if the surface finish is altered in any way (including lubrication), these torque values are not applicable. When a Tru-Torq® fastener system is torqued from the capscrew head instead of the nut, the above torque values should be increased by 15%. If Tru-Torq® capscrews are used in tapped holes, the torque values must be adjusted (approximately 40% increase recommended) to allow for the variables of joint material hardness, tapped thread conditions, etc.