

SAE GRADE 5 RECOMMENDED BOLT TORQUE CHART

(1)	(2)	(3)	(4)	(5)	(6) *	(7) **
1/4 - 20	.0318	120	2700	2020	8	6.3
1/4 - 28	.0364	120	3100	2320	10	7.2
5/16 - 18	.0524	120	4450	3340	17	13
5/16 - 24	.0580	120	4900	3700	19	14
3/8 - 16	.0775	120	6600	4950	30	23
3/8 - 24	.0878	120	7450	5600	35	25
7/16 - 14	.1063	120	9050	6780	50	35
7/16 - 20	.1187	120	10100	7570	55	40
1/2 - 13	.1419	120	12100	9050	75	55
1/2 - 20	.1599	120	13600	10200	85	65
9/16 - 12	.1820	120	15500	11600	110	80
9/16 - 18	.2030	120	17300	12950	120	90
5/8 - 11	.226	120	19200	14400	150	110
5/8 - 18	.256	120	21800	16350	170	130
3/4 - 10	.334	120	28400	21300	260	200
3/4 - 16	.373	120	31700	23780	300	220
7/8 - 9	.462	120	39300	29450	430	320
7/8 - 14	.509	120	43300	32450	470	350
1 - 8	.606	120	51500	38600	640	480
1 - 14	.679	120	57700	43300	720	540
1-1/8 - 7	.763	105	56500	42300	790	590
1-1/8 - 12	.856	105	63300	47500	890	670
1-1/4 - 7	.969	105	71700	53800	1120	840
1-1/4 - 12	1.073	105	79400	59600	1240	930
1-1/2 - 6	1.405	105	104000	78000	1950	1460
1-1/2 - 12	1.581	105	117000	87700	2200	1640

*Use these values if you do not lubricate the bolt.

**Use these values if we supplied equipment with vibrator drive(s) attached.

<DO NOT REUSE LOCK NUTS>

- (1) Diameter & Threads per Inch
- (2) Stress Area Square Inches
- (3) Tensile Strength Minimum KSI
- (4) Proof Load in Pounds

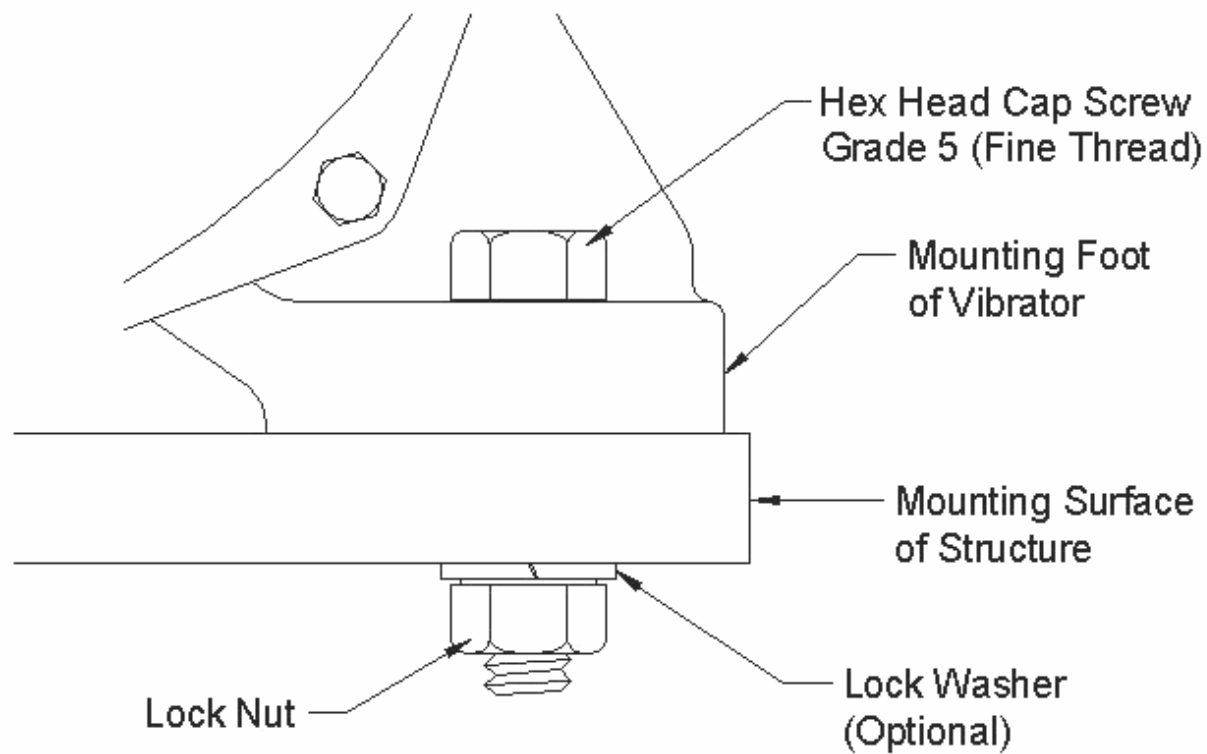
- (5) Clamp Load Pounds
- (6) Torque, Dry, Foot Pounds
- (7) Torque, Lubricated, Foot Pounds

NOTE: TORQUE VALUES FOR 1-3/4" DIA. BOLTS ARE THE SAME AS 1-1/2" DIA. VALUES



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**Vibrator Mounting
Arrangement**