

SAE Grade Clamping Specs

Size	SAE GRADE 2			SAE GRADE 5			SAE GRADE 8		
	Clamp Load	Assy Torque Dry	Assy Torque Lubed	Clamp Load	Assy Torque Dry	Assy Torque Lubed	Clamp Load	Assy Torque Dry	Assy Torque Lubed
4-40	250	5	4	380	8	6	540	12	9
4-48	275	6	5	420	9	7	600	13	10
6-32	375	10	8	580	16	12	820	23	17
6-40	420	12	9	640	18	13	920	25	19
8-32	580	19	14	900	30	22	1260	41	31
8-36	610	20	15	940	31	23	1320	43	32
10-24	725	27	21	1120	43	32	1580	60	45
10-32	825	31	23	1285	49	36	1800	68	51
1/4-20	1320	66	50	2000	8	75	2850	12	9
1/4-28	1500	76	56	2300	10	86	3250	14	10
5/16-18	2160	11	8	3350	17	13	4700	25	18
5/16-24	2400	12	9	3700	19	14	5200	25	20
3/8-16	3200	20	15	4950	30	23	7000	45	35
3/8-24	3620	23	17	5600	35	25	7900	50	35
7/16-14	4390	32	24	6800	50	35	9550	70	55
7/16-20	4900	36	27	7600	55	40	10650	80	60
1/2-13	5850	50	35	9000	75	55	12750	110	80
1/2-20	6600	55	40	10250	90	65	14375	120	90
9/16-20	7500	70	55	11600	110	80	16375	150	110
9/16-18	8400	80	60	13000	120	90	18250	170	130
5/8-11	9350	100	75	14400	150	110	20350	220	170
5/8-18	10550	110	85	16375	180	130	23000	240	180
3/4-10	13800	175	130	21300	260	200	30100	380	280
3/4-16	15400	200	150	23800	300	220	33500	420	320
7/8-9	11450	170	125	29450	430	320	41600	600	460
7/8-14	12600	180	140	32450	470	360	45900	660	500
1.00-8	15000	250	190	38600	640	480	54500	900	680
1.00-12	16400	270	210	42300	710	530	59700	1000	740
1.00-14	16800	280	210	43400	730	540	61200	1020	760
1.125-7	18900	350	270	42300	800	600	68900	1280	960
1.125-12	21200	400	300	47500	880	660	77000	1440	1080
1.250-7	24000	500	380	53800	1120	840	87200	1820	1360
1.250-12	26600	550	420	59600	1240	920	96600	2000	1500
1.375-6	28600	670	490	64100	1460	1100	104000	2380	1780
1.375-12	32500	750	560	73000	1680	1260	118400	2720	2040
1.500-6	34800	870	650	78000	1940	1460	126500	3160	2360
1.500-12	39100	980	730	87700	2200	1640	142200	3560	2660