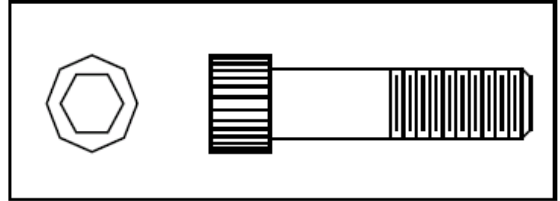
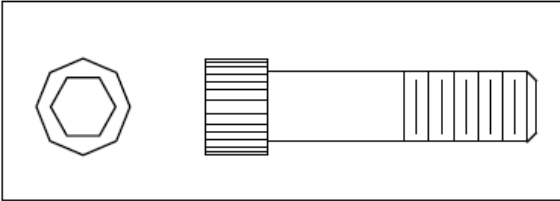
**SOCKETHEAD COARSE THREAD**

BOLT size-pitch	LUBRICATED		WITH ANTI-SEIZE	
	in-lbs	Nm	in-lbs	Nm
1/4"-20	150	17	100	11
	ft-lbs	Nm	ft-lbs	Nm
5/16"-18	26	35	18	24
3/8"-16	46	62	31	42
7/16"-14	74	100	49	66
1/2"-13	115	156	75	102
9/16"-12	160	217	105	142
5/8"-11	215	292	145	197
3/4"-10	385	522	255	346
7/8"-9	615	834	410	556
1"-8	920	1,247	615	834
1 1/8"-7	1,305	1,769	870	1,180
1 1/4"-7	1,840	2,495	1,230	1,668
1 3/8"-6	2,415	3,274	1,610	2,183
1 1/2"-6	3,205	4,345	2,135	2,895
1 3/4"-5	5,050	6,847	3,370	4,569
2"-4.5	7,590	10,291	5,060	6,860
2 1/4"-4.5	11,100	15,050	7,400	10,033
2 1/2"-4	15,185	20,588	10,125	13,728
2 3/4"-4	20,610	27,943	13,740	18,629
3"-4	27,190	36,865	18,130	24,581

SOCKETHEAD FINE THREAD

BOLT size-pitch	LUBRICATED		WITH ANTI-SEIZE	
	in-lbs	Nm	in-lbs	Nm
1/4"-28	172	19	115	13
	ft-lbs	Nm	ft-lbs	Nm
5/16"-24	29	39	20	27
3/8"-24	52	71	35	47
7/16"-20	82	111	55	75
1/2"-20	130	176	84	114
9/16"-18	175	237	120	163
5/8"-18	245	332	165	224
3/4"-16	425	576	285	386
7/8"-14	680	922	455	617
1"-14	1,035	1,403	690	936
1 1/8"-12	1,465	1,986	975	1,322
1 1/4"-12	2,040	2,766	1,360	1,844
1 3/8"-12	2,750	3,728	1,835	2,488
1 1/2"-12	3,605	4,888	2,405	3,261



METRIC GRADE 12.9 SOCKET HEAD COARSE THREAD

BOLT size-pitch	LUBRICATED		WITH ANTI-SEIZE	
	in-lbs	Nm	in-lbs	Nm
6-1.00	135	15	90	10
	ft-lbs	Nm	ft-lbs	Nm
8-1.25	28	38	19	26
10-1.50	54	73	36	49
12-1.75	95	129	63	85
14-2.00	155	210	105	142
16-2.00	235	319	160	217
20-2.50	460	624	305	414
22-2.50	625	847	415	563
24-3.00	790	1,071	525	712
27-3.00	1,160	1,573	770	1,044
30-3.50	1,570	2,129	1,050	1,424
36-4.00	2,740	3,715	1,830	2,481
42-4.50	4,390	5,952	2,930	3,973
48-5.00	6,590	8,935	4,390	5,952
56-5.50	10,600	14,372	7,060	9,572
64-6.00	16,000	21,693	10,700	14,507
72-6.00	23,200	31,455	15,500	21,015
80-6.00	32,400	43,929	21,600	29,286
90-6.00	46,900	63,588	31,300	42,437
100-6.00	65,200	88,399	43,500	58,978

METRIC GRADE 12.9 SOCKET HEAD FINE THREAD

BOLT size-pitch	LUBRICATED		WITH ANTI-SEIZE	
	in-lbs	Nm	in-lbs	Nm
6-0.75	148	17	98	11
	ft-lbs	Nm	ft-lbs	Nm
8-1.00	30	41	20	27
10-1.25	57	77	38	52
12-1.50	99	134	66	89
14-1.50	165	224	110	149
16-1.50	250	339	170	230
18-1.50	405	549	270	366
20-1.50	560	759	375	508
22-1.50	745	1,010	500	678
24-2.00	970	1,315	645	875
27-2.00	1,390	1,885	925	1,254
30-1.50	2,090	2,834	1,390	1,885

This information is provided from Allied Systems Company webpage