

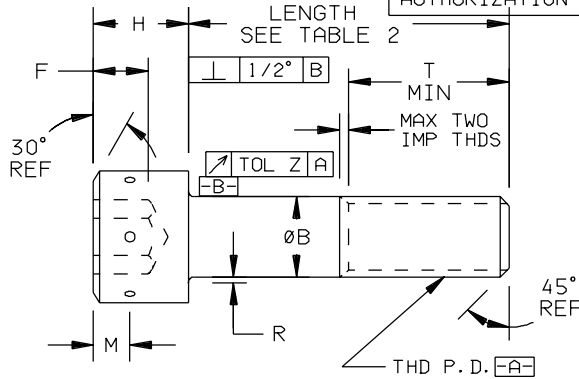
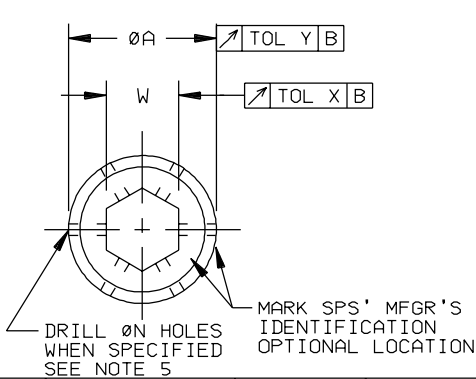


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⑩ 8/14/95
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⑬ 3/13/01
⑭ 3/05/03



BASIC PART #	SIZE	ØA		ØB		F MIN	H		M NOM	N +.004 -.002	R		T MIN	W NOM	X	Y	Z
		MAX	MIN	MAX	MIN		MAX	MIN			MAX	MIN					
K16-440	#4-40 UNRC-3A	.183	.176	.1100	.1080	.051	.112	.104	.033	.035	.009	.005	.750	.0937	.0030	.0060	.0045
K16-448	#4-48 UNRF-3A																
K16-540	#5-40 UNRC-3A	.205	.198	.1230	.1210	.057	.125	.117	.0375	.035	.010	.006	.750	.0937	.0040	.0060	.0045
K16-544	#5-44 UNRF-3A																
K16-632	#6-32 UNRC-3A	.226	.218	.1360	.1340	.064	.138	.130	.0425	.035	.010	.006	.750	.1093	.0040	.0060	.0045
K16-640	#6-40 UNRF-3A																
K16-832	#8-32 UNRC-3A	.270	.262	.1620	.1600	.077	.164	.155	.050	.046	.012	.007	.875	.1406	.0050	.0060	.0045
K16-836	#8-36 UNRF-3A																
K16-1024	#10-24 UNRC-3A	.312	.303	.1880	.1860	.090	.190	.181	.055	.046	.014	.009	.875	.1562	.0060	.0060	.0045
K16-1032	#10-32 UNRF-3A																
K16-420	1/4-20 UNRC-3A	.375	.365	.2480	.2460	.120	.250	.240	.075	.046	.014	.009	1.000	.1875	.0080	.0060	.0045
K16-428	1/4-28 UNRF-3A																
K16-518	5/16-18 UNRC-3A	.469	.457	.3105	.3085	.151	.312	.302	.094	.046	.017	.012	1.125	.2500	.0090	.0060	.0045
K16-524	5/16-24 UNRF-3A																
K16-616	3/8-16 UNRC-3A	.562	.550	.3730	.3710	.182	.375	.364	.113	.063	.020	.015	1.250	.3125	.0110	.0080	.0045
K16-624	3/8-24 UNRF-3A																
K16-714	7/16-14 UNRC-3A	.656	.642	.4355	.4335	.213	.437	.426	.131	.063	.023	.018	1.375	.3750	.0130	.0090	.0060
K16-720	7/16-20 UNRF-3A																
K16-813	1/2-13 UNRC-3A	.750	.735	.4980	.4960	.245	.500	.488	.150	.063	.026	.020	1.500	.3750	.0150	.0100	.0060
K16-820	1/2-20 UNRF-3A																
K16-1011	5/8-11 UNRC-3A	.938	.921	.6230	.6210	.307	.625	.612	.188	.063	.032	.024	1.750	.5000	.0380	.0130	.0060
K16-1018	5/8-18 UNRF-3A																
K16-1210	3/4-10 UNRC-3A	1.125	1.107	.7480	.7460	.370	.750	.736	.225	.093	.039	.030	2.000	.6250	.0450	.0150	.0060
K16-1216	3/4-16 UNRF-3A																
K16-1409	7/8-9 UNRC-3A	1.312	1.293	.8730	.8710	.432	.875	.860	.263	.093	.044	.034	2.250	.7500	.0530	.0180	.0090
K16-1414	7/8-14 UNRF-3A																
K16-1608	1-8 UNRC-3A	1.500	1.479	.9980	.9960	.495	1.000	.984	.300	.093	.050	.040	2.500	.7500	.0600	.0200	.0090
K16-1612	1-12 UNRF-3A																
K16-1807	1-1/8-7 UNRC-3A	1.688	1.665	1.1230	1.1210	.557	1.125	1.109	.338	.121	.055	.045	2.812	.8750	.0675	.0225	.0100
K16-1812	1-1/8-12 UNRF-3A																
K16-2007	1-1/4-7 UNRC-3A	1.875	1.852	1.2480	1.2460	.620	1.250	1.236	.375	.121	.060	.050	3.125	.8750	.0750	.0250	.0100
K16-2012	1-1/4-12 UNRF-3A																

1. MATERIAL: ALLOY STEEL, 8740 PER AMS 6322.
2. HEAT TREATMENT: 160,000 PSI MINIMUM TENSILE STRENGTH. 36-40 HRC.
3. FINISH: SEE NOTE #5.
4. REQUIREMENTS: PER SPS-B-135
 - A. FILLET AREA TO BE COLD WORKED.
 - B. HEAD SHALL BE FORGED.
 - C. SOCKET SHALL BE FORGED.
 - D. THREADS SHALL BE ROLLED AFTER HEAT TREATMENT.

5. PART NUMBER: K16-() () () () () ()

NO LETTER = CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2.
 "B" = CHEMICAL BLACK OXIDE PER MIL-DTL-13924.
 "Z" = ZINC PLATE PER ASTM B 633, TYPE II SC2.
 = NOMINAL LENGTH IN SIXTEENTHS
 NO LETTER = NO LOCKING FEATURE
 E - TYPE P (PATCH) PER MIL-DTL-18240
 K - TYPE N (PELLET) PER MIL-DTL-18240
 H1 = 1 HOLE THRU HEAD
 H2 = 2 HOLES THRU HEAD
 H3 = 3 HOLES THRU HEAD
 = DASH NUMBER PER TABULATION
 BASIC PART NUMBER

TABLE 2

DIAMETER	UP TO 1" INCLUDED	OVER 1" TO 2-1/2" INCL.	OVER 2-1/2" TO 6" INCL.	OVER 6"
#4 THRU 3/8	-.030	-.040	-.060	-.120
7/16 THRU 3/4	-.030	-.060	-.080	-.120
7/8 THRU 1-1/4	-.050	-.100	-.140	-.200

TOLERANCES ±.010 AND ±2°	FSCM NO. 56878
SURFACE ROUGHNESS 125	CUSTODIAN: JENKINTOWN, PA.
UNLESS OTHERWISE NOTED	
DRAFTED IN ACCORDANCE WITH ASME Y14.5M	
DRAWN BY: KATHY SCHWARTZ	DATE: 7/13/98
APPROVED: S FOSTER	
APPROVED: L KLINE	DATE: 3/12/03

TITLE

BOLT, SHCS, HEXAGON RECESS
FATIGUE RATED
160 KSI UTS

STANDARDS AND SPECIFICATIONS

SEE NOTE 4

PART NUMBER:

K16-()

SHEET 1 OF 1