



MARK SPS EWSB 1126,
FIRST DASH NUMBER
AND LOT NUMBER
.010 MAX DEEP

FIRST DASH NO	THREAD SIZE UNJF-3A	ØB	C MIN	ØD ±.016	H	M ±.016	ØP ±.005	R RAD	T REF	U REF	W	X TIR	Y TIR
-3	.1900-32	.1894 .1885	.419	.375	.140	.147	.070	.019	.309	.040	.376 .367	.005	.0045
-4	.2500-28	.2495 .2485	.491	.438	.164	.209	.076	.025	.376	.040	.439 .430	.005	.0045
-5	.3125-24	.3120 .3110	.561	.500	.187	.268	.076	.031	.455	.050	.502 .492	.006	.0045
-6	.3750-24	.3745 .3735	.631	.562	.210	.316	.106	.037	.515	.050	.564 .553	.008	.0045
-7	.4375-20	.4370 .4360	.775	.687	.257	.385	.106	.043	.611	.060	.689 .678	.009	.0060
-8	.5000-20	.4995 .4985	.846	.750	.281	.434	.106	.050	.677	.060	.752 .741	.010	.0060
-9	.5625-18	.5615 .5605	.987	.875	.328	.502	.141	.056	.770	.070	.877 .865	.011	.0060
-10	.6250-18	.6240 .6230	1.059	.938	.350	.554	.141	.062	.845	.070	.940 .928	.012	.0060
-12	.7500-16	.7490 .7480	1.200	1.047	.400	.678	.141	.075	1.041	.080	1.064 1.052	.015	.0060
-14	.8750-14	.8740 .8730	1.414	1.234	.468	.809	.141	.088	1.272	.090	1.252 1.239	.018	.0090
-16	1.0000-12	.9990 .9980	1.628	1.422	.539	.945	.141	.100	1.516	.100	1.440 1.427	.020	.0090
-18	1.1250-12	1.1240 1.1225	1.842	1.609	.609	1.031	.141	.112	1.716	.100	1.627 1.614	.022	.0090
-20	1.2500-12	1.2490 1.2475	2.056	1.797	.690	1.145	.141	.125	1.934	.100	1.814 1.801	.025	.0090

- MATERIAL: MP159 (R) PER AMS 5842.
- HEAT TREATMENT: 260 KSI MINIMUM ULTIMATE TENSILE STRENGTH.
132 KSI MINIMUM SHEAR STRENGTH.
- FLOUORESCENT PENETRANT INSPECT PER ASTM E 1417, ACCEPTANCE CRITERIA PER SPS-I-650.
- REQUIREMENTS: HEADS TO BE FORGED
ROLL THREADS AFTER AGING
COLD WORK HEAD TO SHANK FILLET
- WHEN HELD IN A "V" BLOCK EQUAL TO OR LONGER THAN THE GRIP LENGTH.
- WHEN HELD ON P.D. OF FULL THREADS CLOSEST TO BODY AND CHECKED AT A POINT ON THE BODY WITHIN ONE DIAMETER OF THE THREAD RUNOUT.
- PART NUMBER: EWSB 1126 - 7 A - 20 = .4375-20 BOLT, 1.250 GRIP, 1.861 LONG WITH COTTER PIN HOLE
 - GRIP LENGTH IN SIXTEENTHS
 - "A" = COTTER PIN HOLE IN THREAD
 - DIAMETER IN SIXTEENTHS
 - BASIC PART NUMBER
 LENGTH EQUALS NOMINAL GRIP PLUS "T" REF
- CHAMFER "U" X 45° APPROX. POINT CHAMFER PLUS INCOMPLETE THREADS NOT TO EXCEED TWO PITCHES.
- DIMENSIONS ARE IN INCHES.
- THESE BOLTS ARE DESIGNED TO BE USED WITH EWSN 1126 COMPANION NUTS SHOWN ON SPS-N-76285.
- REFERENCE DIMENSIONS ARE FOR DESIGN PURPOSES ONLY AND ARE NOT INSPECTION REQUIREMENTS.

(R) MP159 IS A REGISTERED TRADEMARK OF SPS TECHNOLOGIES

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TOLERANCES ±.010 AND ±2' SURFACE ROUGHNESS 125/ UNLESS OTHERWISE NOTED		FSCM NO. 56878	STANDARDS AND SPECIFICATIONS SPS-B-640 APPENDIX 6.18.4
		CUSTODIAN: JENKINTOWN, PA.	PART NUMBER: EWSB 1126
DRAWN: STEVE FOSTER DATE: 9/04/91	TITLE	BOLT, DOUBLE HEXAGON, SHEAR 132 KSI MINIMUM SHEAR STRENGTH, 1100°F MP159 PER AMS 5842	
APPROVED: L. KLINE DATE: 7/2/97		SHEET 1 OF 1 PROJECT 04A59	
APPROVED: R. HUKARI 7/7/97			