



MARK SPS EWSB26 AND APPLICABLE FIRST DASH NUMBER AND LOT NUMBER .010 MAX DEEP

SPS PART NUMBER	THREAD	ØB	C MIN	±.016	H	M ±.016	P ±.005	R	T REF	U REF	W	X	Z
EWSB26-3	.1900-32	.1894/.1885	.419	.375	.140	*	*	.019	.236	.04	.376/.367	.005	.0045
EWSB26-4	.2500-28	.2492/.2483	.491	.438	.164	*	*	.025	.293	.04	.439/.430	.005	.0045
EWSB26-5	.3125-24	.3117/.3108	.561	.500	.187	.240	.076	.031	.359	.05	.502/.492	.006	.0045
EWSB26-6	.3750-24	.3742/.3733	.631	.562	.210	.286	.106	.037	.419	.05	.564/.553	.008	.0045
EWSB26-7	.4375-20	.4367/.4358	.775	.687	.257	.370	.106	.043	.495	.06	.689/.678	.009	.0060
EWSB26-8	.5000-20	.4991/.4982	.846	.750	.281	.421	.106	.050	.561	.06	.752/.741	.010	.0060
EWSB26-9	.5625-18	.5616/.5607	.987	.875	.328	.523	.141	.056	.642	.07	.877/.865	.011	.0060
EWSB26-10	.6250-18	.6240/.6230	1.059	.938	.350	.598	.141	.062	.717	.07	.940/.928	.012	.0060
EWSB26-12	.7500-16	.7490/.7480	1.200	1.047	.400	.931	.141	.075	1.059	.08	1.064/1.052	.015	.0060
EWSB26-14	.8750-14	.8740/.8730	1.414	1.234	.468	1.136	.141	.088	1.270	.09	1.252/1.239	.018	.0090
EWSB26-16	1.0000-12	.9990/.9980	1.628	1.422	.539	1.357	.141	1.100	1.496	.10	1.440/1.427	.020	.0090

* DUE TO SPACE LIMITATIONS COTTER PIN HOLE IS NOT RECOMMENDED ON .190 AND .250 DIAMETERS

- MATERIAL: ALLOY STEEL PER AMS 6487.
- HEAT TREATMENT: 260 KSI MINIMUM ULTIMATE STRENGTH. 156 KSI MINIMUM SHEAR STRENGTH. HRC 51-54.
- FINISH: CADMIUM COATED (VACUUM DEPOSITED) PER MIL-C-8837, TYPE I, CLASS 2 OR TYPE II, CLASS 2. ALUMINUM COATING. CERAMIC BONDED PER AMS 2506.
- WHEN HELD IN A "V" BLOCK EQUAL TO OR LONGER THAN THE GRIP LENGTH.
- WHEN HELD ON P.D. OF FULL THREADS CLOSEST TO THE BODY AND CHECKED AT A POINT ON THE BODY WITHIN ONE DIAMETER DISTANCE FROM THE THREAD END OF THE GRIP.
- PART NUMBER: $EWSB26\ W - 16 - A\ 16$ = 1.0000-12 X 2.496 EXTERNAL WRENCHING SHEAR BOLT, ALUMINUM COATED PER AMS 2506, 1.000 GRIP, WITHOUT CROSSDRILLED SHANK
 = GRIP LENGTH IN SIXTEENTHS
 "A" = PART WITHOUT A CROSSDRILLED SHANK
 = DIAMETER IN SIXTEENTHS
 "D" = CADMIUM COATING PER MIL-C-8837, TYPE II, CLASS 2
 "W" = ALUMINUM COATING PER AMS 2506
 NO LETTER = CADMIUM COATING PER MIL-C-8837, TYPE I, CLASS 2
 BASIC PART NUMBER
 LENGTH EQUALS NOMINAL GRIP PLUS "T"
- REFERENCE DIMENSIONS ARE FOR DESIGN PURPOSES AND ARE NOT INSPECTION REQUIREMENTS.
- CHAMFER PLUS INCOMPLETE THREADS NOT TO EXCEED TWO PITCHES.
- DIMENSIONS ARE IN INCHES.
- FOR WEIGHTS SEE SD. 300.52669.
- REQUIREMENTS OF SPECIFICATION SPS-B-640, APPENDIX 6.9.2 FOR FATIGUE STRENGTH DO NOT APPLY TO CROSSDRILLED PARTS.

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TOLERANCES ±.010 AND ±2'		FSCM NO. 56878	STANDARDS AND SPECIFICATIONS
SURFACE ROUGHNESS 125/ UNLESS OTHERWISE NOTED		CUSTODIAN: JENKINTOWN, PA.	SPS-B-640 APPENDIX 6.9.2
DRAWN: STEVE FOSTER DATE: 8/05/91	TITLE	BOLT, SHEAR, PROTRUDING TYPE	
APPROVED: L. KLINE DATE: 6/9/94	156 KSI MINIMUM SHEAR STRENGTH		PART NUMBER: EWSB26
APPROVED: R. WAELTZ	ALLOY STEEL PER AMS 6487, APPLICATIONS TO 450°F		SHEET 1 OF 1 PROJECT 56A08