



MARK SPS 79292 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	
79292-3	.1900-32	.2026/.2016	.419		.375	.140	* *	.019	.236	.04	.376/.367	.005	.0045	
79292-4	.2500-28	.2651/.2641	.491		.438	.164	* *	.025	.293	.04	.439/.430	.005	.0045	
79292-5	.3125-24	.3276/.3266	.561		.500	.187	.240	.076	.031	.359	.05	.502/.492	.006	.0045
79292-6	.3750-24	.3901/.3891	.631		.562	.210	.286	.106	.037	.419	.05	.564/.553	.008	.0045
79292-7	.4375-20	.4526/.4516	.775		.687	.257	.370	.106	.043	.495	.06	.689/.678	.009	.0060
79292-8	.5000-20	.5151/.5141	.846		.750	.281	.421	.106	.050	.561	.06	.752/.741	.010	.0060
79292-9	.5625-18	.5771/.5761	.987		.875	.328	.523	.141	.056	.642	.07	.877/.865	.011	.0060
79292-10	.6250-18	.6396/.6386	1.059		.938	.350	.598	.141	.062	.717	.07	.940/.928	.012	.0060
79292-12	.7500-16	.7646/.7636	1.200		1.047	.400	.931	.141	.075	1.059	.08	1.064/1.052	.015	.0060
79292-14	.8750-14	.8896/.8886	1.414	1.234	1.468	1.136	1.141	.088	1.270	.09	1.252/1.239	.018	.0090	
79292-16	1.0000-12	1.0146/1.0136	1.628	1.422	1.539	1.357	1.141	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 OR AMS 6485 AT MANUFACTURER'S OPTION.
- HEAT TREATMENT: 260 KSI MINIMUM ULTIMATE STRENGTH. 156 KSI MINIMUM SHEAR STRENGTH. 51-54 HRC.
- FINISH: CADMIUM COATED (VACUUM DEPOSITED) PER MIL-C-8837, TYPE I, CLASS 2 OR TYPE II, CLASS 2.
- 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: 79292 D - () - A ()
 = GRIP LENGTH IN SIXTEENTHS
 "A" = PART WITHOUT A CROSSDRILLED SHANK
 = DIAMETER IN SIXTEENTHS
 "D" = CADMIUM COATING PER MIL-C-8837, TYPE II, CLASS 2
 NO LETTER = CADMIUM COATING PER MIL-C-8837, TYPE I, CLASS 2
 BASIC PART NUMBER
 LENGTH EQUALS NOMINAL GRIP PLUS "T"
 EXAMPLE: 79292 D - 16 - A 16 = 1.000-12 X 2.496 EXTERNAL WRENCHING SHEAR BOLT, ALUMINUM COATED PER AMS 2506, 1.000 GRIP, WITHOUT CROSSDRILLED SHANK.
- 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 STANDARD SIZES SEE SPS-B-52669. FOR .0312 OVERSIZE PARTS SEE SD.300.79293.
- 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'	SPS TECHNOLOGIES	FSCM NO. 56878	STANDARDS AND SPECIFICATIONS SPS-B-640 APPENDIX 6.9.2
SURFACE ROUGHNESS 125/ UNLESS OTHERWISE NOTED		CUSTODIAN: JENKINTOWN, PA.	
DRAWN: KATHY SCHWARTZ DATE: 05/28/97	TITLE BOLT, SHEAR, PROTRUDING HEAD, DOUBLE HEXAGON 156 KSI MINIMUM SHEAR STRENGTH ALLOY STEEL, APPLICATIONS TO 450°F .0156 OVERSIZE	PART NUMBER: 79292-()-()	
APPROVED: L.KLINE DATE: 7/2/97		SHEET 1 OF 1	PROJECT 64A65
APPROVED: RON HUKARI			