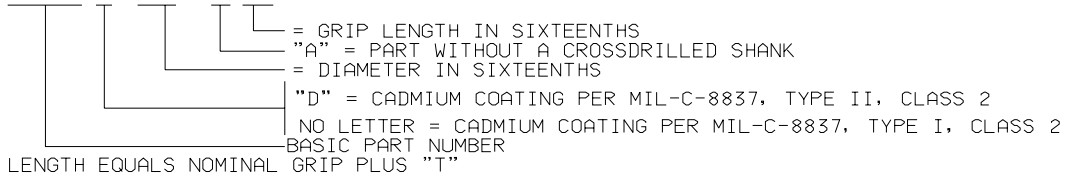


SPS PART NUMBER	THREAD	ØB	C MIN	±.016	H	M ±.016	P ±.005	R	T REF	U REF	W	X	Z	
79293-3	.1900-32	.2182/.2172	.419		.375	.140	* *	.019	.236	.04	.376/.367	.005	.0045	
79293-4	.2500-28	.2807/.2797	.491		.438	.164	* *	.025	.293	.04	.439/.430	.005	.0045	
79293-5	.3125-24	.3432/.3422	.561		.500	.187	.240	.076	.031	.359	.05	.502/.492	.006	.0045
79293-6	.3750-24	.4057/.4047	.631		.562	.210	.286	.106	.037	.419	.05	.564/.553	.008	.0045
79293-7	.4375-20	.4682/.4672	.775		.687	.257	.370	.106	.043	.495	.06	.689/.678	.009	.0060
79293-8	.5000-20	.5307/.5297	.846		.750	.281	.421	.106	.050	.561	.06	.752/.741	.010	.0060
79293-9	.5625-18	.5927/.5917	.987		.875	.328	.523	.141	.056	.642	.07	.877/.865	.011	.0060
79293-10	.6250-18	.6552/.6542	1.059		.938	.350	.598	.141	.062	.717	.07	.940/.928	.012	.0060
79293-12	.7500-16	.7802/.7792	1.200		1.047	.400	.931	.141	.075	1.059	.08	1.064/1.052	.015	.0060
79293-14	.8750-14	.9052/.9042	1.414		1.234	.468	1.136	.141	.088	1.270	.09	1.252/1.239	.018	.0090
79293-16	1.0000-12	1.0302/1.0292	1.628		1.422	.539	1.357	.141	.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

1. MATERIAL: ALLOY STEEL PER AMS 6487 OR AMS 6485 AT MANUFACTURER'S OPTION.
2. HEAT TREATMENT: 260 KSI MINIMUM ULTIMATE STRENGTH. 156 KSI MINIMUM SHEAR STRENGTH. 51-54 HRC.
3. FINISH: CADMIUM COATED (VACUUM DEPOSITED) PER MIL-C-8837, TYPE I, CLASS 2 OR TYPE II, CLASS 2.
4. WHEN HELD IN A "V" BLOCK EQUAL TO OR LONGER THAN THE GRIP LENGTH.
5. 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.

6. PART NUMBER: 79293 D-()-A()



EXAMPLE: 79293 D-16-A16 = 1.000-12 X 2.496 EXTERNAL WRENCHING SHEAR BOLT, ALUMINUM COATED PER AMS 2506, 1.000 GRIP, WITHOUT CROSSDRILLED SHANK.

7. REFERENCE DIMENSIONS ARE FOR DESIGN PURPOSES AND ARE NOT INSPECTION REQUIREMENTS.
8. CHAMFER PLUS INCOMPLETE THREADS NOT TO EXCEED TWO PITCHES.
9. DIMENSIONS ARE IN INCHES.
10. FOR STANDARD SIZE PARTS SEE SPS-B-52669. FOR .0156 OVERSIZE PARTS SEE SD.300.79292.
11. REQUIREMENTS OF SPECIFICATION SPS-B-640, APPENDIX 6.9.2 FOR FATIGUE STRENGTH DO NOT APPLY TO CROSSDRILLED PARTS.

INFORMATION ON THIS DOCUMENT IS A TRADE SECRET, PROPRIETARY, AND SHALL NOT BE USED OR REPRODUCED IN WHOLE OR IN PART WITHOUT WRITTEN AUTHORIZATION OF SPS TECHNOLOGIES.

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: KATHY SCHWARTZ DATE: 05/19/97	TITLE	BOLT, SHEAR, PROTRUDING HEAD, DOUBLE HEXAGON, 156 KSI MINIMUM SHEAR STRENGTH	
APPROVED: TAR DATE: 10/28/77	ALLOY STEEL, APPLICATIONS TO 450' F. .0312 OVERSIZE		PART NUMBER: 79293 -()-()
APPROVED: L. KLINE DATE: 7/2/97			SHEET 1 OF 1 PROJECT 27A71