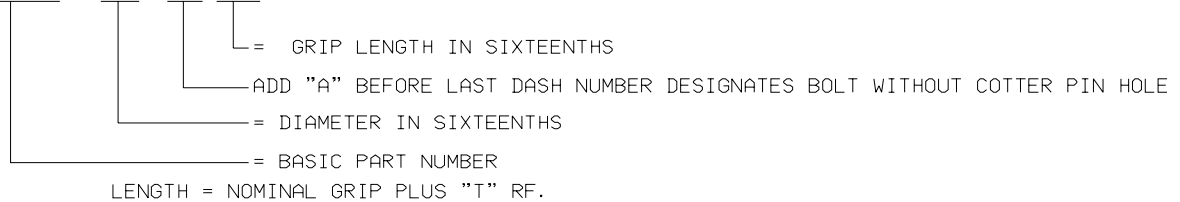


SPS PART NUMBER	THREAD	ØB	C MIN	ØD ±.016	H	M ±.016	ØP ±.005	R	T REF	U REF	W	X	Z
79295-3	.1900-32	.2182/.2172	.419	.375	.140	*	*	.019	.236	.04	.376/.367	.005	.0045
79295-4	.2500-28	.2807/.2797	.491	.438	.164	*	*	.025	.293	.04	.439/.430	.005	.0045
79295-5	.3125-24	.3432/.3422	.561	.500	.187	.240	.076	.031	.359	.05	.502/.492	.006	.0045
79295-6	.3750-24	.4057/.4047	.631	.562	.210	.286	.106	.037	.419	.05	.564/.553	.008	.0045
79295-7	.4375-20	.4682/.4672	.775	.687	.257	.370	.106	.043	.495	.06	.689/.678	.009	.0060
79295-8	.5000-20	.5307/.5297	.846	.750	.281	.421	.106	.050	.561	.06	.752/.741	.010	.0060
79295-9	.5625-18	.5927/.5917	.987	.875	.328	.523	.141	.056	.642	.07	.877/.865	.011	.0060
79295-10	.6250-18	.6552/.6542	1.059	.938	.350	.598	.141	.062	.717	.07	.940/.928	.012	.0060
79295-12	.7500-16	.7802/.7792	1.200	1.047	.400	.931	.141	.075	1.059	.08	1.064/1.052	.015	.0060
79295-14	.8750-14	.9052/.9042	1.414	1.234	.468	1.136	.141	.088	1.270	.09	1.252/1.239	.018	.0090
79295-16	1.0000-12	1.0302/1.0292	1.628	1.422	.539	1.357	.141	.100	1.498	.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. HRC 51-54.
- FINISH: DIFFUSED NICKEL CADMIUM PLATING PER AMS 2416 WITH CHROMATE TREATMENT.
- 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: 79295 - () - A ()



EXAMPLE: 79295-6-A 8 = .3750-24 BOLT, NO COTTER PIN HOLE IN THREAD, .500 GRIP, DIFFUSED NICKEL CADMIUM PLATING WITH CHROMATE TREATMENT.

- REFERENCE DIMENSIONS ARE FOR DESIGN PURPOSES AND ARE NOT AN INSPECTION REQUIREMENT.
- CHAMFER PLUS INCOMPLETE THREADS NOT TO EXCEED TWO PITCHES.
- DIMENSIONS ARE IN INCHES.
- FOR STANDARD SIZE PARTS SEE SPS-B-52911. FOR .0156 OVERSIZE PARTS SEE SD.300.79294.
- REQUIREMENTS OF SPECIFICATION SPS-B-640 APPENDIX 6.10.2 - FATIGUE STRENGTH, NOT APPLICABLE ON CROSSDRILLED PARTS.

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TOLERANCES ±.010 AND ±2'		FSCM NO. 56878	STANDARDS AND SPECIFICATIONS SPS-B-640 APPENDIX 6.10.2
SURFACE ROUGHNESS 125/ UNLESS OTHERWISE NOTED		CUSTODIAN: JENKINTOWN, PA.	
DRAWN: KATHY SHWARTZ DATE: 05/19/97	TITLE	BOLT, SHEAR, PROTRUDING HEAD, DOUBLE HEXAGON, 156 KSI MINIMUM SHEAR STRENGTH	
APPROVED: L. KLINKE DATE: 7/2/97	ALLOY STEEL, APPLICATIONS TO 900°F .0312 OVERSIZE		PART NUMBER: 79295-()-()
APPROVED: RON. HUKARI			SHEET 1 OF 1 PROJECT 64A67