



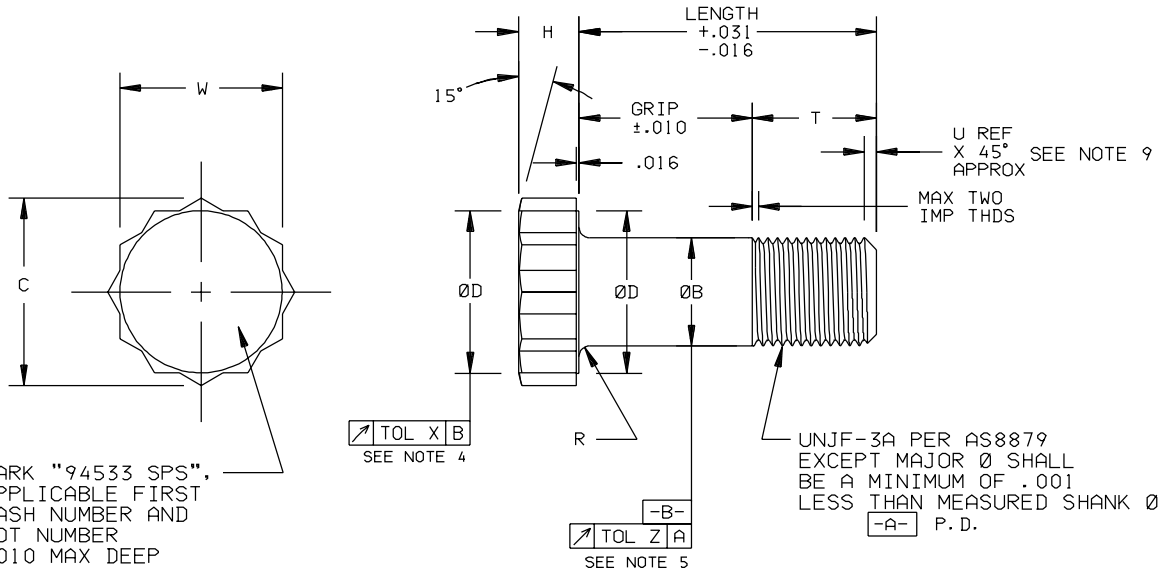
PROPRIETARY INFORMATION
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DRAWING NUMBER
SPS-B-94533

ISSUE DATE
 5/28/98

REVISION

① 2/5/98
 ② 10/04/03



FIRST DASH NO.	THREAD	ØB	C MIN	ØD ±.016	H	R	T REF	U REF	W	X	Z
-3	.1900-32	.1894/.1885	.419	.375	.140	.019	.236	.04	.376/.367	.005	.0045
-4	.2500-28	.2492/.2483	.491	.438	.164	.025	.293	.04	.439/.430	.005	.0045
-5	.3125-24	.3117/.3108	.561	.500	.187	.031	.359	.05	.502/.492	.006	.0045
-6	.3750-24	.3742/.3733	.631	.562	.210	.037	.419	.05	.564/.553	.008	.0045
-7	.4375-20	.4367/.4358	.775	.687	.257	.043	.495	.06	.689/.678	.009	.0060
-8	.5000-20	.4991/.4982	.846	.750	.281	.050	.561	.06	.752/.741	.010	.0060
-9	.5625-18	.5616/.5607	.987	.875	.328	.056	.642	.07	.877/.865	.011	.0060
-10	.6250-18	.6240/.6230	1.059	.938	.350	.062	.717	.07	.940/.928	.012	.0060

- MATERIAL: AerMet 100 ALLOY PER AMS 6532.
- HEAT TREATMENT: 280 KSI MINIMUM ULTIMATE TENSILE STRENGTH. 160 KSI MINIMUM SHEAR STRENGTH.
- 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: 94533 - 5 - 24 = .3125-24 PROTRUDING HEAD SHEAR BOLT, DIFFUSED NICKEL CADMIUM PLATE PER AMS 2416 WITH CHROMATE TREATMENT, 1.500 GRIP, 1.859 LONG
 - _____ = GRIP LENGTH IN SIXTEENTHS
 - _____ = DIAMETER IN SIXTEENTHS
 - _____ = BASIC PART NUMBER
- REFERENCE DIMENSIONS ARE FOR DESIGN PURPOSES AND ARE NOT AN INSPECTION REQUIREMENT.
- DIMENSIONS ARE IN INCHES.
- CHAMFER "U" PLUS INCOMPLETE THREADS NOT TO EXCEED 2 PITCHES.

TOLERANCES ±.010 AND ±2°
 SURFACE ROUGHNESS 125√
 UNLESS OTHERWISE NOTED

FSCM NO. 56878
 CUSTODIAN:
 JENKINTOWN, PA.

DRAFTED IN ACCORDANCE WITH ASME Y14.5M

DRAWN BY: STEVE FOSTER
 DATE: 5/29/98

APPROVED: L KLINE
 DATE: 10/31/03

APPROVED: S BUZOLITS

TITLE

BOLT, SHEAR, PROTRUDING TYPE
 160 KSI MINIMUM SHEAR STRENGTH
 APPLICATIONS TO 900°F

STANDARDS AND SPECIFICATIONS
 SPS-B-640
 APPENDIX 10.2.2

PART NUMBER:
94533 - [] - []

SHEET 1 OF 1