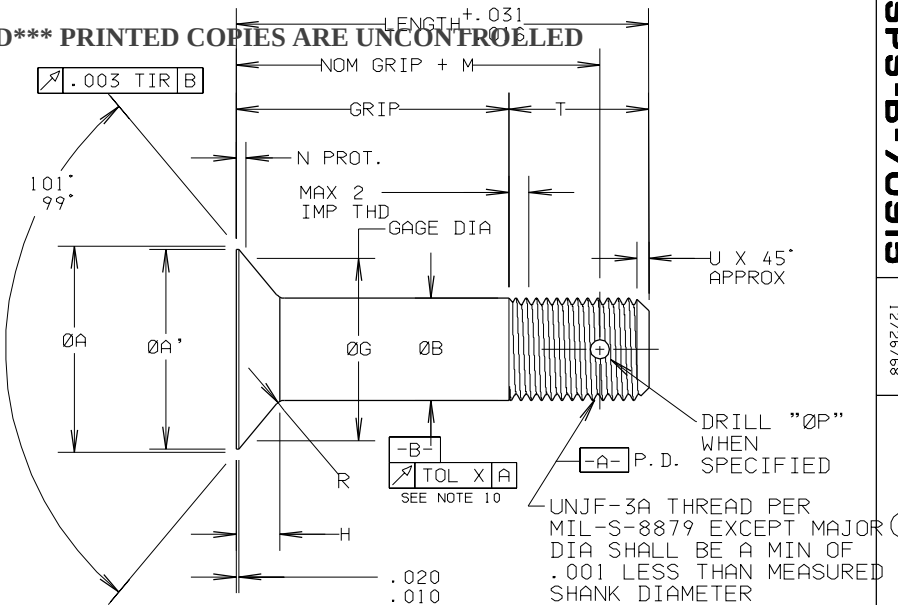
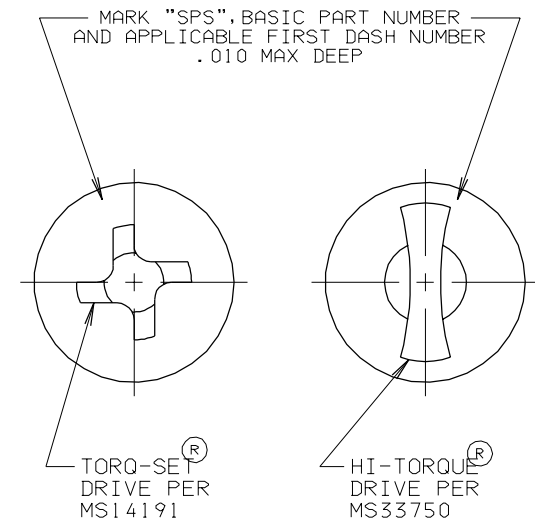




SPS BASIC PART NUMBER AND FIRST DASH NUMBER		THREAD SIZE UNJF-3A	ØA MAX	ØA' MIN	ØB	ØG +.0002 -.0000	H REF	M ±.016	N	ØP ±.005	R RAD	T REF	U REF	X TIR
TORQ-SET	HI-TORQUE		1/ 1/	2/ 2/										
SFTM26-3	SFHM26-3	.190-32	.385	.325	.1895 .1885	.2830	.080	.147	.0420 .0380	.070	.019	.309	.040	.0045
SFTM26-4	SFHM26-4	.250-28	.507	.447	.2495 .2485	.4318	.106	.209	.0310 .0264	.076	.025	.376	.040	.0045
SFTM26-5	SFHM26-5	.312-24	.635	.573	.3120 .3110	.5449	.133	.268	.0371 .0321	.076	.031	.455	.050	.0045
SFTM26-6	SFHM26-6	.375-24	.762	.698	.3745 .3735	.6580	.160	.316	.0429 .0373	.106	.037	.515	.050	.0045
SFTM26-7	SFHM26-7	.437-20	.890	.825	.4370 .4360	.7782	.188	.385	.0461 .0401	.106	.043	.611	.060	.0060
SFTM26-8	SFHM26-8	.500-20	1.017	.950	.4995 .4987	.8900	.215	.434	.0523 .0457	.106	.050	.677	.060	.0060
SFTM26-9	SFHM26-9	.562-18	1.145	1.076	.5615 .5605	1.0026	.242	.502	.0587 .0517	.141	.056	.770	.070	.0060
SFTM26-10	SFHM26-10	.625-18	1.272	1.202	.6240 .6230	1.1122	.270	.554	.0659 .0583	.141	.062	.845	.070	.0060
SFTM26-12	SFHM26-12	.750-16	1.538	1.404	.7490 .7480	1.3438	.335	.678	.0800 .0700	.141	.062	1.041	.080	.0060

1/ TO THEORETICAL SHARP CORNERS

2/ ABSOLUTE MINIMUM

- MATERIAL: MP35N^(R) ALLOY PER AMS 5844.
- HEAT TREATMENT: 145 KSI MINIMUM SHEAR STRENGTH.
- FINISH: PLAIN.
- FLUORESCENT PENETRANT INSPECT PER ASTM E 1417, ACCEPTANCE CRITERIA PER SPS-I-650.
- REQUIREMENTS: HEADS TO BE FORGED.
ROLL THREAD AFTER AGING
COLD WORK HEAD TO SHANK FILLET.
- REFERENCE DIMENSIONS ARE FOR DESIGN PURPOSES ONLY AND ARE NOT AN INSPECTION REQUIREMENT.
- PART NUMBER: SFTM26 - 9 A - 24 = BOLT, SHEAR, 100' FLUSH HEAD, .5625-18 THREAD, COTTER PIN HOLE IN THREAD, 1.500 GRIP LENGTH, 2.270 LENGTH.

DESIGNATES GRIP LENGTH IN 1/16 INCREMENTS.

"A" DESIGNATES COTTER PIN HOLE IN THREAD
NO LETTER DESIGNATES UNDRILLED THREAD

DESIGNATES NOMINAL DIAMETER IN 1/16 INCREMENTS

"SFTM26" DESIGNATES 100' FLUSH HEAD WITH TORQ-SET DRIVE
"SFHM26" DESIGNATES 100' FLUSH HEAD WITH HI-TORQUE DRIVE

LENGTH EQUALS GRIP PLUS "T" REF.

- CHAMFER "U" PLUS INCOMPLETE THREADS NOT TO EXCEED TWO PITCHES.
- THESE BOLTS ARE DESIGNED TO BE USED WITH EWSNM26 COMPANION NUTS SHOWN ON SPS-N-70916.
- WHEN HELD ON THE PITCH DIAMETER 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.

^(R) MP35N IS A REGISTERED TRADEMARK OF SPS TECHNOLOGIES.^(R) HI-TORQUE IS A REGISTERED TRADEMARK OF THE HI-SHEAR CORPORATION.^(R) TORQ-SET IS A REGISTERED TRADEMARK OF THE PHILLIPS SCREW COMPANY.

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'
SURFACE ROUGHNESS 125 MICROINCHESUNLESS OTHERWISE NOTED
DRAWN: R.L. SANDY DATE: 10/29/87
APPROVED: L. KLINE DATE: 7/2/97
APPROVED: R. HUKARI 7/7/97**SPS**
TECHNOLOGIES

TITLE

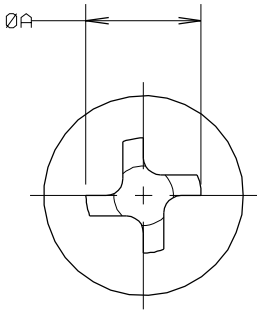
BOLT, SHEAR, 100' FLUSH HEAD,
145 KSI MINIMUM SHEAR STRENGTH,
MP35N MATERIAL, APPLICATIONS TO 700°F.FSCM NO. 56878
CUSTODIAN:
JENKINTOWN, PA.STANDARDS AND SPECIFICATIONS
SPS-B-640
APPENDIX 6.18.1

PART NUMBER:

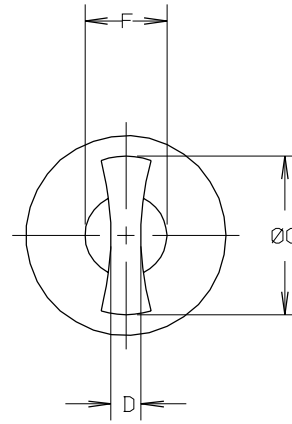
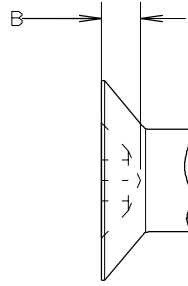
SFTM26
SFHM26

SHEET 1 OF 2

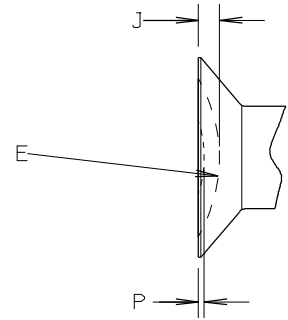
PROJECT 8278



TORQ-SET DRIVE



HI-TORQUE DRIVE



SPS BASIC PART NUMBER AND FIRST DASH NUMBER		ØA	B	C REF	D	E ±.005	ØF	J	P	MINIMUM TORQUE IN-LB
TORQ-SET	HI-TORQUE									
SFTM26-3	SFHM26-3	.248 .238	.090 .080	.305	.064 .060	.281	.156 .146	.045 .042	.014	70
SFTM26-4	SFHM26-4	.325 .315	.118 .108	.422	.078 .074	.437	.206 .196	.054 .051	.015	175
SFTM26-5	SFHM26-5	.357 .347	.122 .112	.490	.084 .080	.500	.256 .246	.064 .061	.020	280
SFTM26-6	SFHM26-6	.427 .417	.145 .135	.639	.100 .096	.625	.306 .294	.088 .084	.022	530
SFTM26-7	SFHM26-7	.498 .488	.169 .159	.715	.118 .113	.687	.356 .344	.100 .097	.027	910
SFTM26-8	SFHM26-8	.568 .558	.193 .183	.766	.147 .143	.750	.406 .394	.105 .101	.031	1,400
SFTM26-9	SFHM26-9	.638 .628	.217 .207	.877	.168 .163	.875	.456 .444	.118 .114	.033	1,950
SFTM26-10	SFHM26-10	.708 .698	.241 .231	1.020	.188 .183	1.000	.511 .499	.141 .137	.036	2,700
SFTM26-12	SFHM26-12	.849 .839	.288 .278	1.200	.223 .218	1.200	-	.162 .158	-	3,700