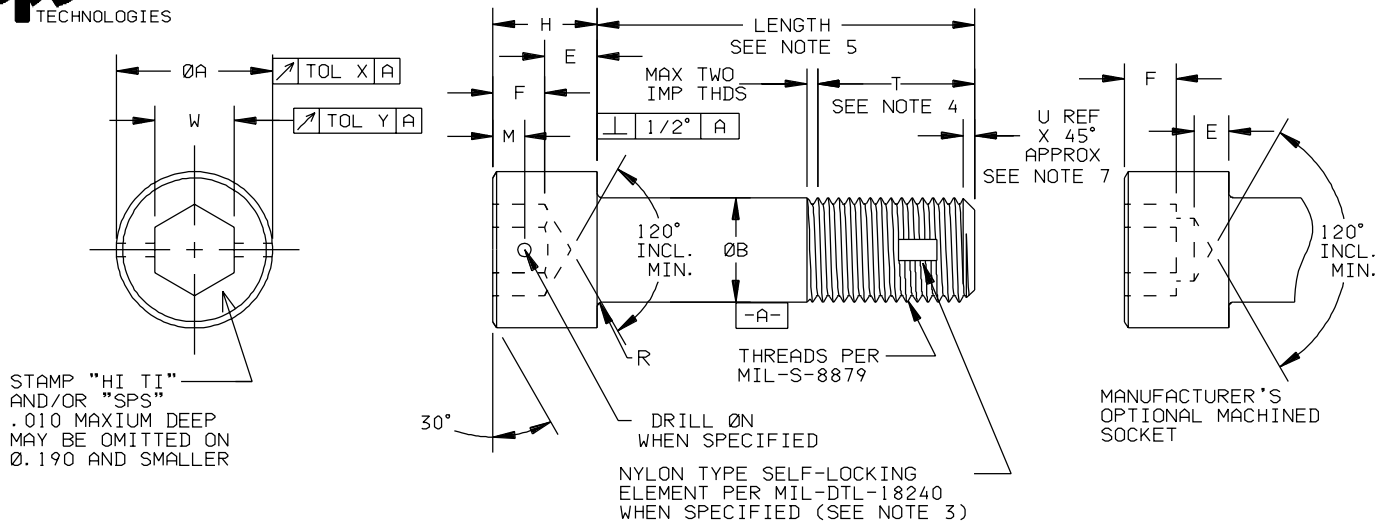




ISSUE NUMBER
SPS-B-56462
ISSUE DATE
2/21/61
REVISION
13
REVISED AND REDRAWN
7/30/91
14
2/26/92
15
9/24/93
16
2/21/02

BASIC PART NUMBER	THREADS	ØA	ØB	E MIN	F MIN	H	M	N	R	T MIN	U REF	W	X	Y
56462-256	.0860-56 UNJC-3A	.140	.0860	.029	.044	.097	-	-	.008	.670	.02	.0645	.006	.007
56462-264	.0860-64 UNJF-3A	.136	.0840			.077			.004	.670	.02	.0625	.006	.007
56462-348	.0990-48 UNJC-3A	.161	.0990	.034	.052	.110	-	-	.008	.695	.03	.0801	.006	.007
56462-356	.0990-56 UNJF-3A	.157	.0968			.090			.004	.695	.02	.0781	.006	.007
56462-440	.1120-40 UNJC-3A	.183	.1120	.038	.061	.123	.044	.042	.010	.725	.03	.0801	.006	.007
56462-448	.1120-48 UNJF-3A	.178	.1096			.103	.024	.034	.005	.725	.03	.0781	.006	.007
56462-540	.1250-40 UNJC-3A	.205	.1250	.043	.068	.136	.049	.042	.010	.750	.03	.0957	.006	.007
56462-544	.1250-44 UNJF-3A	.200	.1226			.116	.029	.034	.005	.750	.03	.0937	.006	.007
56462-632	.1380-32 UNJC-3A	.226	.1380	.047	.071	.148	.054	.042	.010	.775	.04	.0957	.006	.007
56462-640	.1380-40 UNJF-3A	.221	.1353			.128	.034	.034	.005	.775	.03	.0937	.006	.007
56462-832	.1640-32 UNJC-3A	.270	.1640	.056	.088	.174	.059	.042	.015	.825	.04	.1280	.006	.007
56462-836	.1640-36 UNJF-3A	.265	.1613			.154	.039	.034	.008	.825	.03	.1250	.006	.007
56462-1024	.1900-24 UNJC-3A	.313	.1900	.065	.109	.199	.066	.042	.015	.875	.05	.1592	.006	.009
56462-1032	.1900-32 UNJF-3A	.306	.1867			.179	.046	.034	.008	.875	.04	.1562	.006	.009
56462-420	.2500-20 UNJC-3A	.375	.2500	.095	.126	.258	.085	.068	.020	1.000	.06	.1905	.006	.011
56462-428	.2500-28 UNJF-3A	.367	.2464			.238	.065	.060	.010	1.000	.04	.1875	.006	.011
56462-518	.3125-18 UNJC-3A	.438	.3125	.119	.163	.320	.104	.068	.020	1.125	.07	.2217	.006	.013
56462-524	.3125-24 UNJF-3A	.429	.3084			.300	.084	.060	.010	1.125	.05	.2187	.006	.013
56462-616	.3750-16 UNJC-3A	.563	.3750	.143	.186	.382	.123	.068	.020	1.250	.08	.3155	.008	.013
56462-624	.3750-24 UNJF-3A	.552	.3705			.362	.103	.060	.010	1.250	.05	.3125	.008	.013
56462-714	.4375-14 UNJC-3A	.625	.4375	.166	.213	.444	.141	.068	.025	1.375	.09	.3155	.009	.018
56462-720	.4375-20 UNJF-3A	.615	.4326			.424	.121	.060	.015	1.375	.06	.3125	.009	.018
56462-813	.5000-13 UNJC-13	.750	.5000	.190	.245	.506	.160	.068	.030	1.500	.10	.3780	.010	.020
56462-820	.5000-20 UNJF-3A	.739	.4948			.486	.140	.060	.020	1.500	.06	.3750	.010	.020

- MATERIAL: 6AL-4V TITANIUM PER AMS 4928.
- TENSILE STRENGTH PER NAS 621 EXCEPT SIZES .164 DIAMETER AND SMALLER. THE TENSILE REQUIREMENTS FOR THESE DIAMETERS SHALL BE 150 KSI MINIMUM.
- PART NUMBER: 56462() () () () () ()
 - "E" = A NYLON (PATCH TYPE) SELF-LOCKING ELEMENT PER MIL-DTL-18240.
 - "K" = A NYLON (PELLET TYPE) SELF-LOCKING ELEMENT PER MIL-DTL-18240.
 - "M" = AS 5272 TYPE I, DRY FILM LUBRICANT.
 - "T2" = TIODIZE TYPE 2
 - = LENGTH IN SIXTEENTHS
 - "H" = CROSSDRILLED HEADS
NO LETTER = NO CROSSDRILLED HEADS
 - = DIAMETER AND PITCH PER TABULATION
 - "V" = 6AL-4V TITANIUM
 - BASIC PART NUMBER
- THREAD LENGTH: THE MINIMUM FULL THREAD LENGTH SHALL BE TWICE THE THREAD DIAMETER, PLUS 1/2 INCH OR 1/2 THE LENGTH WHICH EVER IS GREATER. SCREWS TOO SHORT FOR THE FORMULA SHALL BE THREADED AS CLOSE TO THE HEAD AS PRACTICABLE. MAXIMUM THREAD LENGTH NEED NOT EXCEED 1.5 INCH.
- LENGTH TOLERANCE: THROUGH ONE INCH ±.015, OVER ONE INCH THROUGH TWO INCHES +.031-.015, OVER TWO INCHES ±.031
- PARTS TO BE FREE FROM BURRS AND SHARP EDGES.
- CHAMFER "U" PLUS INCOMPLETE THREADS SHALL NOT EXCEED TWO PITCHES.

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 UNLESS OTHERWISE NOTED DRAWN BY: STEVE FOSTER APPROVED: L KLINE APPROVED: S FOSTER	THIS PRODUCT DRAWING IS DRAFTED IN ACCORDANCE WITH ASME Y14.5M DATE: 7/30/91 DATE: 2/28/02	SPS TECHNOLOGIES TITLE SCREW, SOCKET HEAD CAP TITANIUM ALLOY	FSCM NO. 56878 CUSTODIAN: JENKINTOWN, PA.	STANDARDS AND SPECIFICATIONS NAS 621 EXCEPT TENSILE AND FATIGUE REQUIREMENTS FOR Ø.164 AND SMALLER PART NUMBER: 56462() () () () () () SHEET 1 OF 1 ER-020
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