

RATIONALE

AS5170 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

**SAE AS5170**

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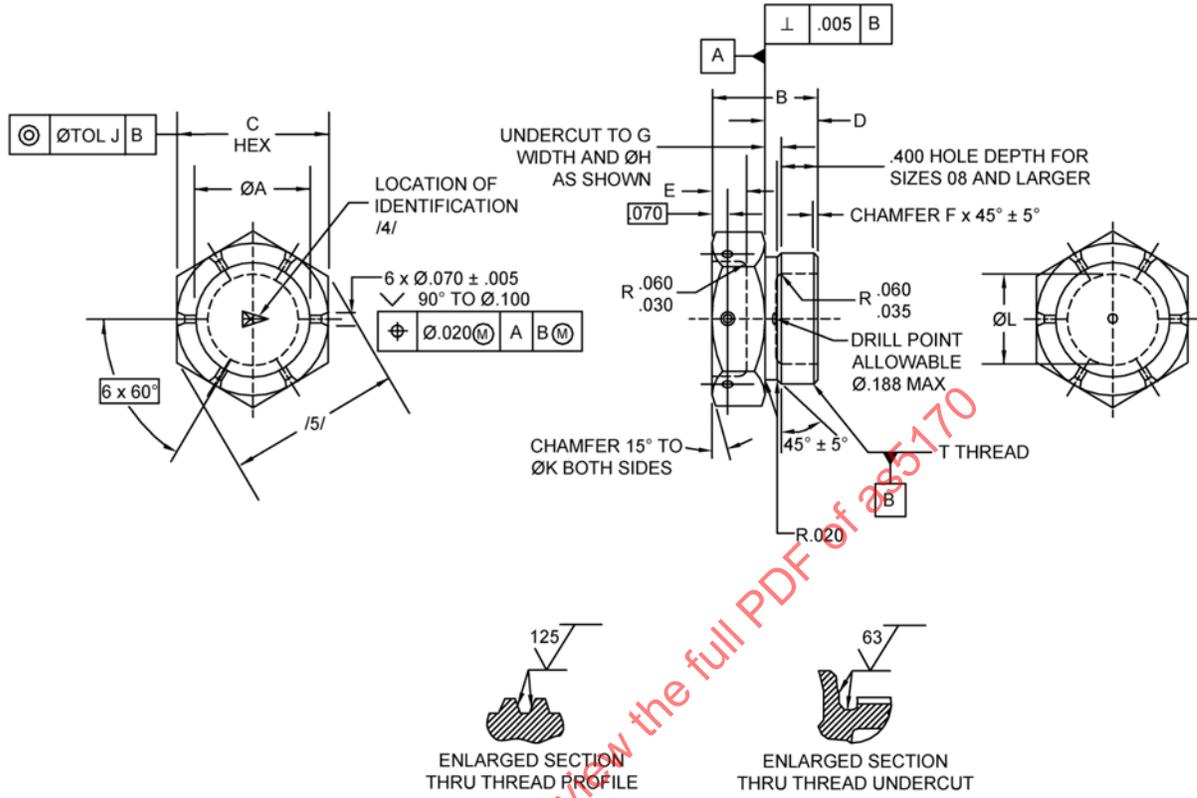
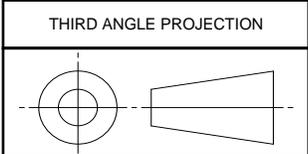


FIGURE 1-FITTING, PLUG

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CUSTODIAN: G-3/G-3B      PROCUREMENT SPECIFICATION: AS4875 /3/

<p>An SAE International Group</p>	<p><b>AEROSPACE STANDARD</b></p> <p>FITTING, PLUG, PORT, STRAIGHT THREAD, O-RING SEAL</p>	<p><b>SAE AS5170</b></p> <p>SHEET 1 OF 3</p>

ISSUED 2003-07      REAFFIRMED 2013-01

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NO. AS5170 /12/ SIZE CODE	A	T THREAD PER AS8879 CLASS 3A	B	C ±.005	D	E	F ±.015	G +.007 -.008	H +.002 -.003	J	K	L	LB/100 APPROX REF
01	.250	.2500-28UNJF	.540	.435	.320	.130	.035	.088	.158	.013	.438	-	.370
02	.312	.3125-24UNJF	.580	.559	.360	.130	.035	.090	.222	.017	.562	-	.650
03	.375	.3750-24UNJF	.580	.622	.360	.130	.035	.081	.288	.019	.625	-	.850
04	.438	.4375-20UNJF	.640	.685	.400	.130	.045	.084	.351	.021	.688	-	1.16
05	.500	.5000-20UNJF	.650	.747	.400	.130	.045	.084	.414	.023	.750	-	1.39
06	.562	.5625-18UNJF	.660	.809	.400	.130	.055	.134	.421	.024	.812	-	1.90
07	.625	.6250-18UNJF	.730	.872	.440	.160	.055	.134	.483	.026	.875	-	2.28
08	.750	.7500-16UNJF	.730	.997	.440	.160	.055	.128	.609	.030	1.000	.250	3.09
10	.875	.8750-14UNJF	.740	1.122	.440	.160	.065	.120	.730	.030	1.125	.375	4.14
11	1.000	1.0000-14UNJS	.780	1.247	.440	.200	.065	.120	.862	.030	1.250	.500	5.43
12	1.062	1.0625-12UNJ	.830	1.365	.480	.200	.065	.165	.868	.030	1.375	.562	6.02
13	1.125	1.1250-12UNJF	.830	1.435	.480	.200	.065	.165	.931	.030	1.438	.625	6.50
15	1.250	1.2500-12UNJF	.840	1.560	.480	.200	.065	.165	1.053	.030	1.562	.750	7.24
16	1.312	1.3125-12UNJ	.840	1.622	.480	.200	.065	.165	1.117	.030	1.625	.812	7.90
17	1.375	1.3750-12UNJF	.840	1.685	.480	.200	.065	.165	1.178	.030	1.688	.875	8.44
18	1.438	1.5000-12UNJF	.850	1.747	.480	.200	.065	.165	1.306	.030	1.750	.984	9.35
20	1.625	1.6250-12UNJ	.850	1.935	.480	.200	.065	.165	1.431	.050	1.938	1.125	10.6
22	1.750	1.7500-12UNJ	.850	2.059	.480	.200	.065	.165	1.556	.050	2.062	1.250	11.8
24	1.875	1.8750-12UNJ	.860	2.185	.480	.200	.065	.165	1.678	.050	2.188	1.375	13.0
26	2.000	2.0000-12UNJ	.860	2.309	.480	.200	.065	.165	1.804	.050	2.132	1.500	14.3
27	2.125	2.1250-12UNJ	.860	2.435	.480	.200	.065	.165	1.934	.050	2.438	1.625	15.7
28	2.250	2.2500-12UNJ	.870	2.559	.480	.200	.065	.165	2.056	.050	2.562	1.750	17.2
30	2.375	2.3750-12UNJ	.870	2.685	.480	.200	.065	.165	2.181	.050	2.688	1.875	18.6
32	2.500	2.5000-12UNJ	.870	2.809	.480	.200	.065	.165	2.306	.050	2.812	2.000	20.3

NOTES:

- /1/ MATERIAL: CODE LETTER W - TYPE 7075-T73 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/9 OR TYPE 7075-T7351 ALUMINUM ALLOY BAR PER AMS4124.
2. FINISH: MATERIAL CODE LETTER W - ANODIZE PER AMS2472 OR MIL-A-8625, TYPE II, CLASS 2, DYED BROWN, DUPLEX SEALED PER PROCUREMENT SPECIFICATION.
- /3/ PROCUREMENT SPECIFICATION: AS4875 EXCEPT AS SPECIFIED ON THIS STANDARD. USERS OF THIS STANDARD SHALL PROCURE THIS PRODUCT FROM ACCREDITED MANUFACTURER(S), OR ACCREDITED DISTRIBUTOR(S), AS LISTED IN THE PERFORMANCE REVIEW INSTITUTE (PRI) QUALIFIED MANUFACTURERS LIST (QML) FOR THIS TYPE PRODUCT.
- /4/ IDENTIFICATION AT LOCATION SHOWN: MARK PER AS478 CLASS C OR D, OR METHOD 7A3, 15A3, OR 15B.
  - a. FOR SIZES 06 AND SMALLER: MANUFACTURER'S NAME, CAGE CODE OR TRADEMARK, LETTERS "AS" AND MATERIAL CODE LETTER.
  - b. FOR SIZES 08 AND LARGER: MANUFACTURER'S NAME, CAGE CODE OR TRADEMARK, BASIC PART NUMBER, AND MATERIAL CODE LETTER.
- /5/ THE HEX CORNERS MAY BE ROUNDED PER ARP1942.
6. INTERPRETATION OF DRAWING PER ARP4296.