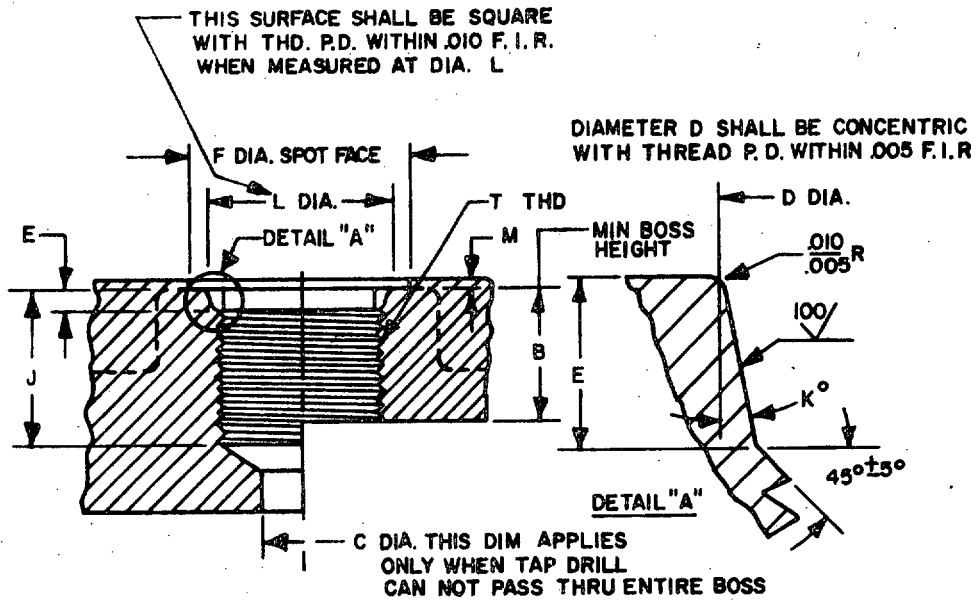


FED. SUP CLASS
4730

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Ⓒ denotes change(s)

P. A. SH Other Cust.	INTERNATIONAL INTEREST	TITLE BOSS, GASKET SEAL STRAIGHT THREAD TUBE FITTING, STANDARD DIMENSIONS FOR	MILITARY STANDARD MS16142(SH)
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:		Page 1 of 2

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Tube out- side diam- eter	Straight thread "T"					B Full thread depth min.
	Thread size	Pitch diameter		Minor diameter		
		Min.	Max.	Min.	Max.	
Inches						
1/8	5/16-24UNF-2B	0.2854	0.2902	0.267	0.277	0.390
3/16	3/8-24UNF-2B	.3479	.3528	.330	.340	.390
1/4	7/16-20UNF-2B	.4050	.4104	.383	.395	.454
5/16	1/2-20UNF-2B	.4675	.4731	.446	.457	.454
3/8	9/16-18UNF-2B	.5264	.5323	.502	.515	.500
1/2	3/4-16UNF-2B	.7094	.7159	.682	.696	.562
5/8	7/8-14UNF-2B	.8286	.8356	.798	.814	.656
3/4	1-1/16-12UN-2B	1.0084	1.0158	.972	.990	.750
7/8	1-3/16-12UN-2B	1.1334	1.1409	1.097	1.115	.750
1	1-5/16-12UN-2B	1.2584	1.2659	1.222	1.240	.750
1-1/4	1-5/8-12UN-2B	1.5709	1.5785	1.535	1.553	.750
1-1/2	1-7/8-12UN-2B	1.8209	1.8287	1.785	1.803	.750
2	2-1/2-12UN-2B	2.4459	2.4540	2.410	2.428	.750

C	D	E	(C) F	J	K	L	(C) M
Mini- mum diam- eter	+0.005 - .000	+0.015 - .000	Mini- mum diam- eter see note 1	Mini- mum	+1 degree	Mini- mum diam- eter	See note 1
					Degrees		
0.062	0.358	0.074	0.672	0.468	12	0.438	0.062
.125	.421	.074	.750	.468	12	.500	.062
.172	.487	.093	.828	.547	12	.563	.062
.234	.550	.093	.906	.547	12	.625	.062
.297	.616	.097	.969	.609	12	.688	.062
.391	.811	.100	1.188	.688	15	.875	.094
.484	.942	.100	1.344	.781	15	1.000	.094
.609	1.148	.130	1.625	.906	15	1.250	.094
.719	1.273	.130	1.765	.906	15	1.375	.094
.844	1.398	.130	1.910	.906	15	1.500	.125
1.078	1.713	.132	2.270	.906	15	1.875	.125
1.312	1.962	.132	2.560	.906	15	2.125	.125
1.781	2.587	.132	3.480	.906	15	2.750	.125

NOTE:

1. If face of boss is a machined surface, dimensions F and M need not apply.

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PROCUREMENT SPECIFICATION NONE	SUPERSEDES:		Page 2 of 2

DD FORM 161 672-1 (LIMITED COORDINATION)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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APPROVED 13 Aug 56 REVISED (C) For change (s) see page 2