

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

REV.
A

AS4208

RATIONALE

AS4208A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

FEDERAL SUPPLY CLASS
4730

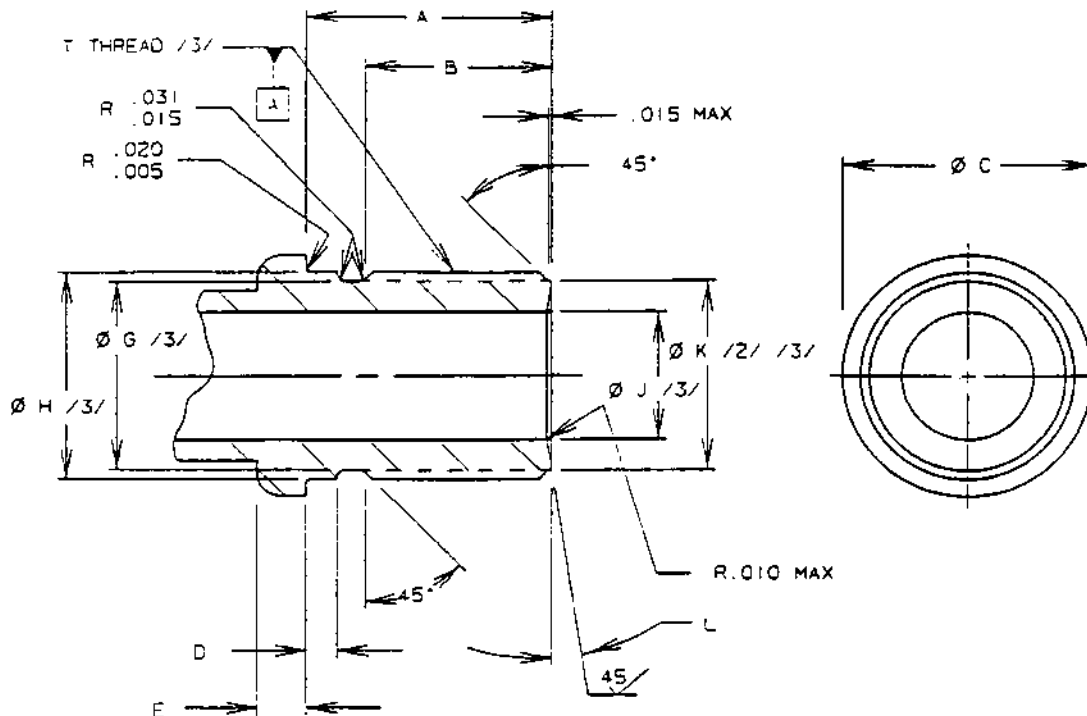


FIGURE 1 - FITTING END DESIGN, STYLE A

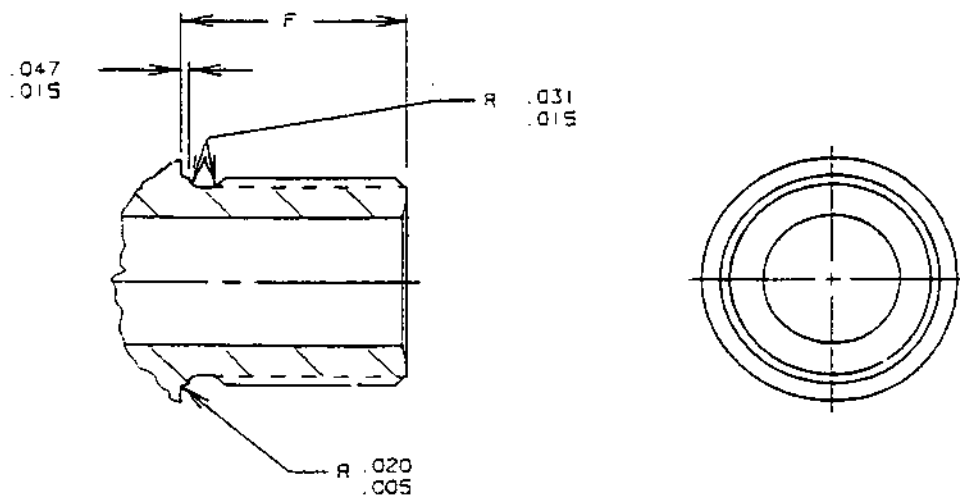
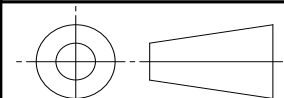


FIGURE 2 - FITTING END DESIGN, STYLE B
SAME AS STYLE A, EXCEPT AS SHOWN

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS4208A>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: NONE /1/



AEROSPACE STANDARD

FITTING END, BULKHEAD, EXTERNAL THREAD
BEAM SEAL, DESIGN STANDARD

AS4208
SHEET 1 OF 3

REV.
A

Documents

(R) TABLE 1A - DIMENSIONS A-F

BASIC NO. AS4208 /11/ SIZE CODE	(NOMINAL TUBE SIZE)	THREAD T PER MIL-S-8879	A	B	C ±.031	D ±.016	E ±.045	F
-03	.188	.3750-28UNJS-3A	.649	.501	.500	.094	.137	.586
-04	.250	.4375-24UNJS-3A	.743	.583	.562	.094	.147	.680
-05	.312	.5000-24UNJS-3A	.743	.583	.625	.094	.150	.680
-06	.375	.5625-20UNJS-3A	.782	.603	.688	.094	.173	.719
-08	.500	.7188-20UNJS-3A	.849	.629	.844	.125	.186	.755
-10	.625	.8438-18UNJS-3A	.988	.755	.969	.125	.196	.894
-12	.750	1.0000-16UNJ-3A	1.084	.833	1.125	.125	.221	.990
-14	.875	1.1250-16UNJ-3A	1.136	.885	1.375	.125	.221	1.042
-16	1.000	1.2500-14UNJS-3A	1.176	.925	1.375	.125	.223	1.082
-20	1.250	1.5781-14UNJS-3A	1.170	.919	1.703	.125	.223	1.076
-24	1.500	1.8438-14UNJS-3A	1.340	1.089	1.969	.125	.223	1.246

TABLE 1B - DIMENSIONS G-L

BASIC NO. AS4208 /11/ SIZE CODE	G ±.005	H	J	K /2/	L +0°30'/-0°
-03	.318	.369-.375	.154-.164	.323-.329	3°00'
-04	.373	.431-.438	.184-.194	.377-.383	8°30'
-05	.436	.493-.500	.232-.242	.440-.446	8°30'
-06	.488	.555-.563	.297-.307	.490-.497	8°30'
-08	.644	.711-.719	.398-.408	.646-.654	8°30'
-10	.762	.835-.844	.512-.523	.763-.772	8°30'
-12	.910	.991-1.000	.649-.660	.910-.919	8°30'
-14	1.035	1.116-1.125	.769-.780	1.034-1.044	8°30'
-16	1.149	1.240-1.250	.862-.874	1.148-1.158	8°30'
-20	1.477	1.568-1.578	1.115-1.128	1.476-1.486	8°30'
-24	1.742	1.834-1.844	1.324-1.337	1.741-1.751	8°30'



AEROSPACE STANDARD

 FITTING END, BULKHEAD, EXTERNAL THREAD
 BEAM SEAL, DESIGN STANDARD

 AS4208
 SHEET 2 OF 3

 REV.
 A


Documents

Document Sharing Hub