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REV.
A

AS5309

FEDERAL SUPPLY CLASS
4730

RATIONALE

AS5309A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

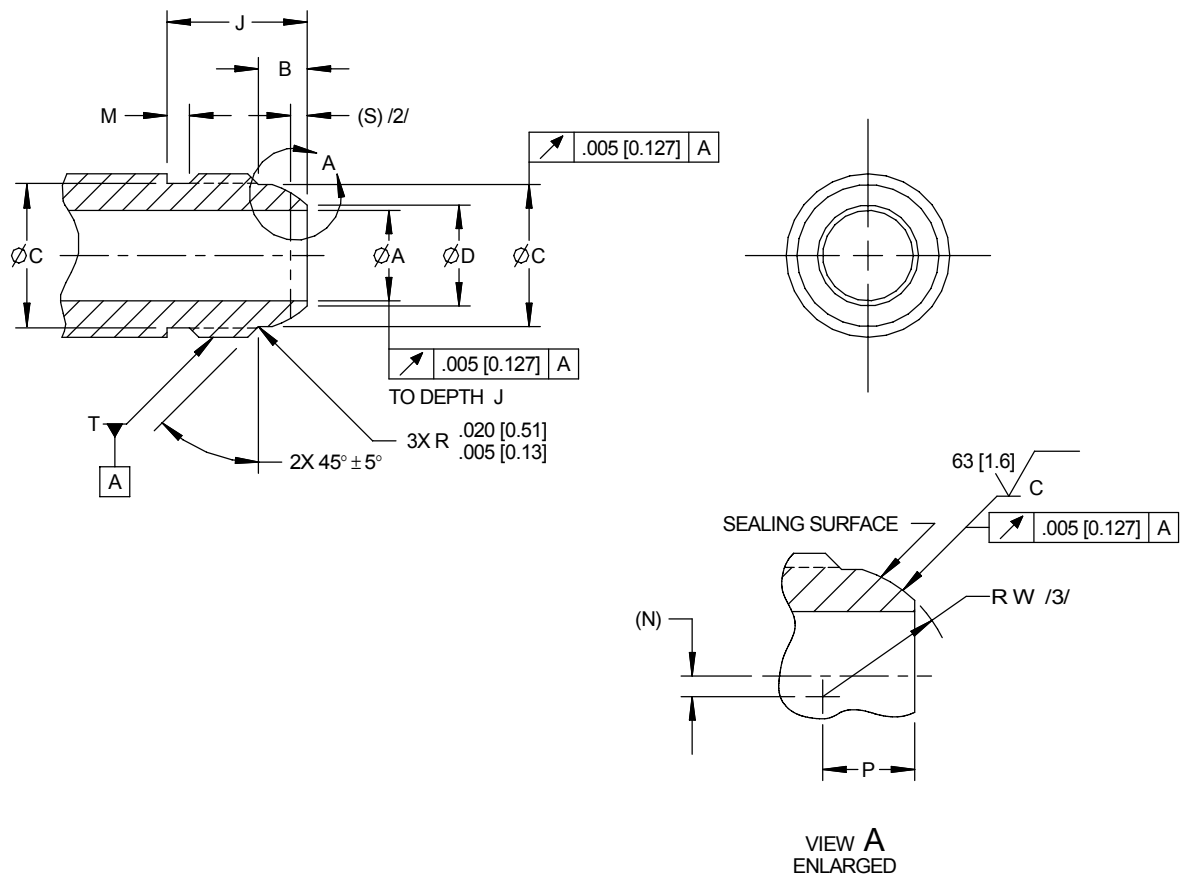
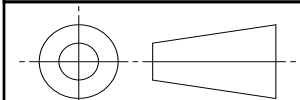


FIGURE 1 - FITTING END, STYLE G

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on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS5309A>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: NONE



AEROSPACE STANDARD

FITTING END, SPHERICAL,
37° FLARED TUBE CONNECTION
DESIGN STANDARD

AS5309
SHEET 1 OF 4

REV.
A

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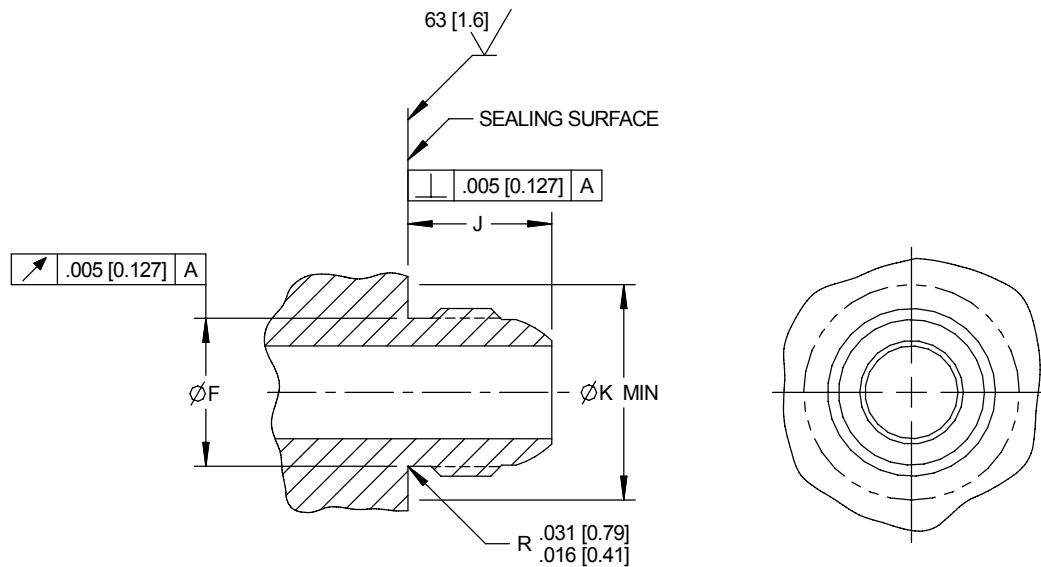


FIGURE 2 - FITTING END, STYLE E
SAME AS STYLE G EXCEPT AS SHOWN

TABLE 1A - DIMENSIONS A-D, INCH -POUND UNITS (IN)

BASIC NO. AS5309 /10/ SIZE CODE	(NOMINAL TUBE SIZE)	T THREAD PER AS8879	A		B +.015 -.000	C	D
03	.188	.3750-24 UNJF-3A	.104 -	.114	.174	.277	.129
04	.250	.4375-20 UNJF-3A	.168 -	.175	.189	.355	.190
05	.312	.5000-20 UNJF-3A	.230 -	.237	.189	.415	.255
06	.375	.5625-18 UNJF-3A	.293 -	.301	.193	.470	.320
08	.500	.7500-16 UNJF-3A	.387 -	.395	.247	.650	.425
10	.625	.8750-14 UNJF-3A	.480 -	.488	.261	.760	.540
12	.750	1.0625-12 UNJ-3A	.604 -	.614	.307	.930	.665
16	1.000	1.3125-12 UNJ-3A	.839 -	.851	.308	1.180	.915
20	1.250	1.6250-12 UNJ-3A	1.073 -	1.086	.356	1.495	1.145
24	1.500	1.8750-12 UNJ-3A	1.307 -	1.320	.369	1.745	1.380



AEROSPACE STANDARD

FITTING END, SPHERICAL,
37° FLARED TUBE CONNECTION
DESIGN STANDARD

AS5309

SHEET 2 OF 4

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