

RATIONALE

AS5132 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

AS5132

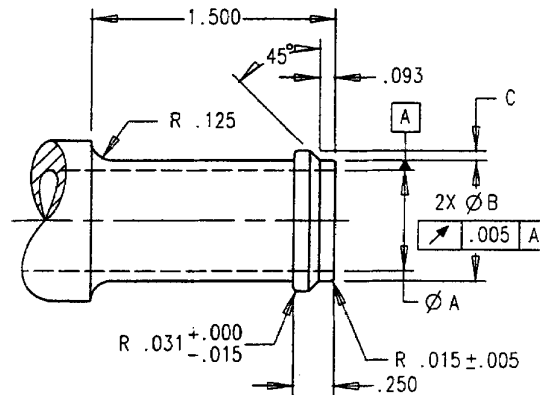


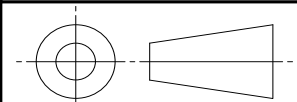
FIGURE 1 - FITTING END

TABLE 1 - DIMENSIONS

BASIC NO. AS5132 SIZE CODE	(NOMINAL HOSE ID)			B ±.005	C
/7/		A			
04	.250	.184 -	.190	.250	.023 - .033
05	.313	.246 -	.254	.313	.023 - .033
06	.375	.293 -	.301	.375	.025 - .035
08	.500	.402 -	.410	.500	.028 - .038
10	.625	.496 -	.504	.625	.028 - .038
12	.750	.620 -	.630	.750	.030 - .040
16	1.000	.839 -	.851	1.000	.047 - .059
20	1.250	1.089 -	1.102	1.250	.047 - .059
24	1.500	1.339 -	1.352	1.500	.056 - .068
28	1.750	1.588 -	1.603	1.750	.056 - .068
32	2.000	1.839 -	1.854	2.000	.065 - .081
36	2.250	2.088 -	2.103	2.250	.065 - .081
40	2.500	2.338 -	2.353	2.500	.065 - .081
44	2.750	2.588 -	2.603	2.750	.065 - .081
48	3.000	2.838 -	2.853	3.000	.065 - .081
52	3.250	3.088 -	3.103	3.250	.067 - .087
56	3.500	3.338 -	3.353	3.500	.067 - .087
60	3.750	3.588 -	3.603	3.750	.067 - .087
64	4.000	3.838 -	3.853	4.000	.067 - .087
68	4.250	4.088 -	4.103	4.250	.067 - .087
72	4.500	4.338 -	4.353	4.500	.067 - .087
76	4.750	4.588 -	4.603	4.750	.067 - .087
80	5.000	4.838 -	4.853	5.000	.067 - .087
84	5.250	5.088 -	5.103	5.250	.067 - .087
88	5.500	5.338 -	5.353	5.500	.067 - .087
92	5.750	5.564 -	5.579	5.750	.067 - .087
96	6.000	5.814 -	5.829	6.000	.067 - .087

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS5132>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3

PROCUREMENT SPECIFICATION: NONE 1/1



AEROSPACE STANDARD

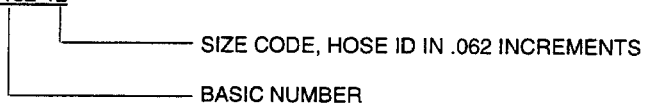
FITTING END - HOSE
CONNECTION, DESIGN STANDARD

AS5132
SHEET 1 OF 2

Documents

NOTES:

- 1/1 FITTING ENDS ARE INTENDED FOR USE WITH HOSE AND HOSE CLAMP APPLICATIONS.
2. INTERPRETATION OF DRAWING PER ARP4296.
3. SURFACE TEXTURE: SYMBOLS PER ANSI Y14.36; REQUIREMENTS PER ANSI/ASME B46.1. UNLESS OTHERWISE SPECIFIED, MACHINED SURFACES TO BE 125 μ in Ra.
4. BREAK EDGES .003 TO .015 UNLESS OTHERWISE SPECIFIED.
5. DIMENSIONING AND TOLERANCING: ASME Y14.5M-1994
6. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS $\pm$.03, ANGULAR DIMENSIONS $\pm$ 5°.
- 7/1 EXAMPLE OF DRAWING CALLOUT:
 - a. TABULATED PART DRAWING: FITTING END PER AS5132
 - b. INDIVIDUAL PART DRAWING: AS5132-12



	AEROSPACE STANDARD	AS5132	
	FITTING END - HOSE CONNECTION, DESIGN STANDARD	SHEET 2 OF 3	

