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REV.
A

AS6071™

FEDERAL SUPPLY CLASS
3120

RATIONALE

CORRECTED ERROR IN FIGURE 1 APPLICABLE LENGTHS FOR 1 HOLE CONFIGURATION.

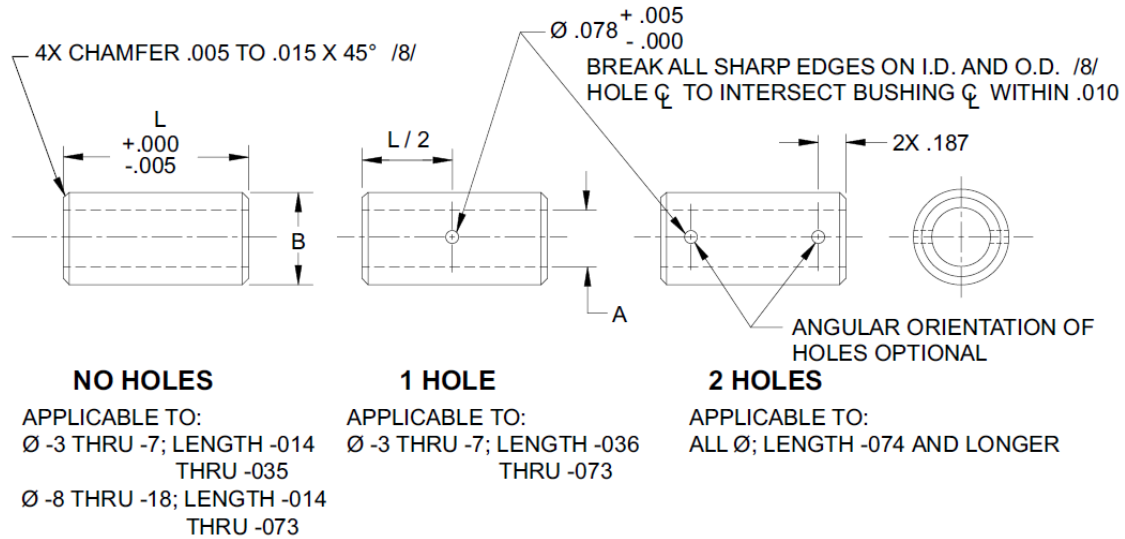


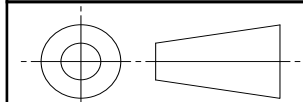
FIGURE 1 - AS6071 BUSHING

TABLE 1 - BUSHING DIMENSIONS

BASIC NO. AS6071 SIZE CODE	A $+0.0010$ -0.0000	B		RECOMMENDED HOLE SIZE FOR INSTALLATION	
-3	.1900	.3115	$+0.0000/-0.0005$	.3125	$+0.0000/-0.0005$
-4	.2500	.3740	$+0.0000/-0.0005$	.3750	$+0.0000/-0.0005$
-5	.3125	.4365	$+0.0000/-0.0005$	.4375	$+0.0000/-0.0005$
-6	.3750	.4990	$+0.0000/-0.0005$	.5000	$+0.0000/-0.0005$
-7	.4375	.5615	$+0.0000/-0.0005$	.5625	$+0.0000/-0.0005$
-8	.5000	.6240	$+0.0000/-0.0005$	.6250	$+0.0000/-0.0005$
-9	.5625	.7490	$+0.0000/-0.0005$	.7500	$+0.0000/-0.0005$
-10	.6250	.8115	$+0.0000/-0.0005$	.8125	$+0.0000/-0.0005$
-12	.7500	.9990	$+0.0000/-0.0005$	1.0000	$+0.0000/-0.0005$
-14	.8750	1.1240	$+0.0000/-0.0005$	1.1250	$+0.0000/-0.0005$
-16	1.0000	1.2485	$+0.0000/-0.0010$	1.2500	$+0.0000/-0.0010$
-18	1.1250	1.4985	$+0.0000/-0.0010$	1.5000	$+0.0000/-0.0010$

For more information on this standard, visit
<https://www.sae.org/standards/content/AS6071A/>

THIRD ANGLE PROJECTION



CUSTODIAN: ACBG

PROCUREMENT SPECIFICATION: NONE



AEROSPACE STANDARD

BUSHING, SLEEVE,
PLAIN CLAMP-UP

AS6071™
SHEET 1 OF 2

REV.
A

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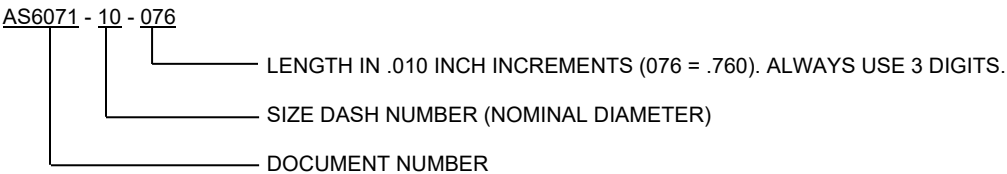
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NOTES:

- 1. MATERIAL: 17-4PH CORROSION RESISTANT STEEL PER AMS5643.
- 2. HEAT TREATMENT: CONDITION H-1025.
- 3. FINISH: PASSIVATE PER AMS2700.
- 4. IDENTIFICATION: BAG AND TAG WITH THE SUPPLIER'S NAME, TRADEMARK OR CODE NUMBER, BASIC PART NUMBER, AND SIZE CODE. PACKAGES SHALL BE MARKED WITH THE SUPPLIER'S NAME, TRADEMARK OR CODE NUMBER, AND THE COMPLETE AS PART NUMBER FOR ALL BUSHING SIZES.
- 5. SURFACE TEXTURE: OD 32 MICROINCHES Ra, ALL OTHER SURFACES 125 MICROINCHES Ra IN ACCORDANCE WITH ASME B46.1.
- 6. BREAK EDGES .005 TO .015, UNLESS OTHERWISE SPECIFIED.
- 7. DIMENSIONING AND TOLERANCING: ASME Y14.5M-1994.
- /8/ THE CONTOUR OF THE EDGE MAY VARY BETWEEN A SMOOTHLY BLENDED 45° CHAMFER AND A TRUE RADIUS SO THERE ARE NO REMAINING SHARP EDGES, SCRATCHES, OR NICKS.
- 9. DIMENSIONS ARE IN INCHES.
- 10. DIAMETERS TO BE CONCENTRIC WITHIN .003 FIR.
- 11. INTENDED USE: THESE BUSHINGS ARE INTENDED FOR USE WITH PLAIN SPHERICAL BEARINGS SUCH AS AS81820 AND AS81936. THESE BUSHINGS ARE DESIGNED FOR CLAMPING TO THE SHAFT, WITH RELATIVE MOTION OCCURRING ON THE BUSHING OD ONLY.
- 12. CROSS HOLES ARE INTENDED TO AID IN BUSHING REMOVAL.
- 13. EXAMPLE OF PART NUMBER:



- 14. REVISION INDICATOR: A CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS, NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.

	AEROSPACE STANDARD	AS6071™	REV.
	BUSHING, SLEEVE, PLAIN CLAMP-UP	SHEET 2 OF 3	A



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