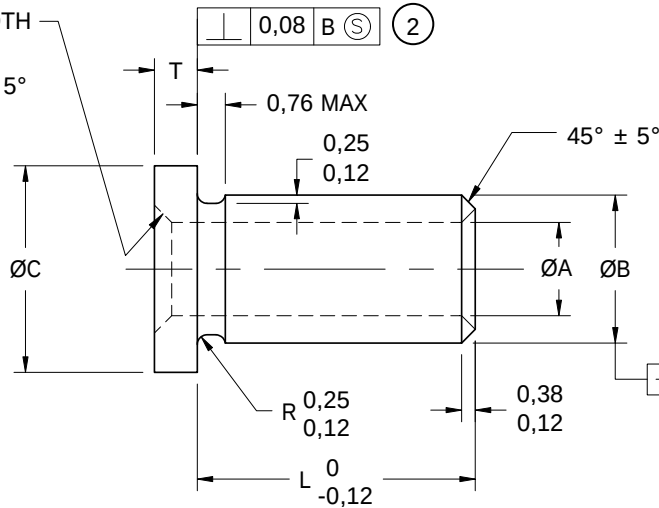
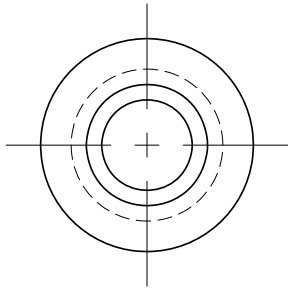


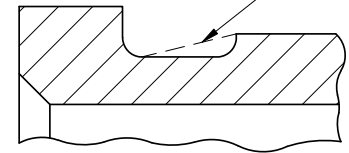
FED. SUPPLY CLASS

3120

CHAMFER BOTH
ENDS I.D.
0,5
0,25 X 45° ± 5°



SHAPE OF UNDERCUT
OPTIONAL AS SHOWN

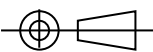


ENLARGED VIEW OF UNDERCUT

TABLE I – DIMENSIONS

SIZE DASH NO.	NOM BORE DIA	ØA BORE	ØB	RECOMMENDED HOUSING BORE DIA	INTERFERENCE FIT (REF)	ØC	T ± 0,05
005	5	5,003 4,991	8,032 8,023	7,998 7,956	0,076 0,025	11,1 11,0	1,5
006	6	6,003 5,991	9,032 9,023	8,998 8,956		12,1 12,0	1,5
008	8	8,005 7,990	11,039 11,028	11,003 10,963		14,1 14,0	1,5
010	10	10,005 9,990	13,039 13,028	13,003 12,958	0,081 0,025	16,1 16,0	1,5
012	12	12,006 11,988	15,039 15,028	15,003 14,958		18,1 18,0	1,5
014	14	14,006 13,988	17,039 17,028	17,003 16,955		20,1 20,0	1,5
016	16	16,006 15,988	20,048 20,035	20,010 19,946	0,102 0,025	26,1 26,0	2,0
018	18	18,006 17,988	22,048 22,035	22,010 21,946		28,1 28,0	2,0
020	20	20,006 19,985	24,048 24,035	24,010 23,946		30,2 30,0	2,0
022	22	22,006 21,985	26,048 26,035	26,010 25,946		32,2 32,0	2,0
024	24	24,006 23,985	30,059 30,043	30,018 29,957		40,2 40,0	3,0
027	27	27,006 26,985	33,059 33,043	33,018 32,957		43,2 43,0	3,0
030	30	30,006 29,985	36,059 36,043	36,018 35,957		45,2 45,0	3,0
033	33	33,007 32,982	39,059 39,043	39,018 38,957		47,2 47,0	3,0

THIRD
ANGLE
PROJECTION



CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION

2

PROCUREMENT
SPECIFICATION

NONE

TITLE

**BUSHING, SLEEVE, FLANGED, PRESS FIT,
REAM TYPE, METRIC**

CLASSIFICATION
PART STANDARD

NA0269
SHEET 1 OF 3



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REVISION DATE.

FORM 12-01

REVISION DATE: MARCH 31, 2016

ISSUE DATE: JUNE 1994

MATERIAL:

ALLOY STEEL – 4130 (UNS G41300) PER ~~MIL-S-6758~~ AMS-S-6758, ~~MIL-T-6736~~ AMS6360, AMS6361, OR AMS6362,
CRES – 17-4PH (UNS S17400) PER AMS5643.
ALUMINUM NICKEL BRONZE – (UNS C63000) PER AMS4640.
COPPER-BERYLLIUM – (UNS C17200) PER ASTM B196/B196M, CONDITION HT.

HEAT TREATMENT:

DEVELOP BASIC MATERIAL PROPERTIES AS FOLLOWS, WITH CONTROLS PER AMS2759:
ALLOY STEEL: 860-1000 MPa TENSILE.
CRES: 930-1170 MPa TENSILE.

FINISH:

ALLOY STEEL (MANDATORY FINISH), ALUMINUM NICKEL BRONZE AND COPPER-BERYLLIUM (WHEN SPECIFIED): CADMIUM PLATE OUTSIDE DIAMETER AND END SURFACES PER AMS-QQ-P-416, TYPE II, CLASS 2. FLASH PERMITTED IN BORE.
CRES: PASSIVATE PER AMS2700, METHOD 1, CLASS 4.

CODE:

“–” CODE AFTER BASIC PART NUMBER DESIGNATES ALLOY STEEL.
“A” CODE AFTER BASIC PART NUMBER DESIGNATES ALUMINUM NICKEL BRONZE.
“B” CODE AFTER BASIC PART NUMBER DESIGNATES COPPER-BERYLLIUM.
“C” CODE AFTER BASIC PART NUMBER DESIGNATES CRES.
“D” CODE (WHEN SPECIFIED) AFTER LENGTH CODE DESIGNATES CADMIUM PLATE FINISH, MANDATORY FOR ALLOY STEEL, OPTIONAL FOR “A” AND “B” CODES.
“P” CODE (WHEN SPECIFIED) AFTER LENGTH CODE DESIGNATES PASSIVATE FINISH, MANDATORY FOR CRES, “C” CODE.

EXAMPLE OF PART NUMBER:

NA0269 – 005 070 D

FINISH CODE
“D” = CADMIUM PLATED: MANDATORY FOR ALLOY STEEL, OPTIONAL FOR “A” & “B” CODES
“P” = PASSIVATED, MANDATORY FOR “C” CODE

LENGTH CODE IN 1 mm INCREMENTS (THREE DIGITS)

DIAMETER CODE PER TABLE (THREE DIGITS)

MATERIAL CODE
“–” = ALLOY STEEL
“A” = ALUMINUM NICKEL BRONZE
“B” = COPPER-BERYLLIUM
“C” = CRES

DOCUMENT NUMBER

REVISION

2

NA0269
SHEET 2



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