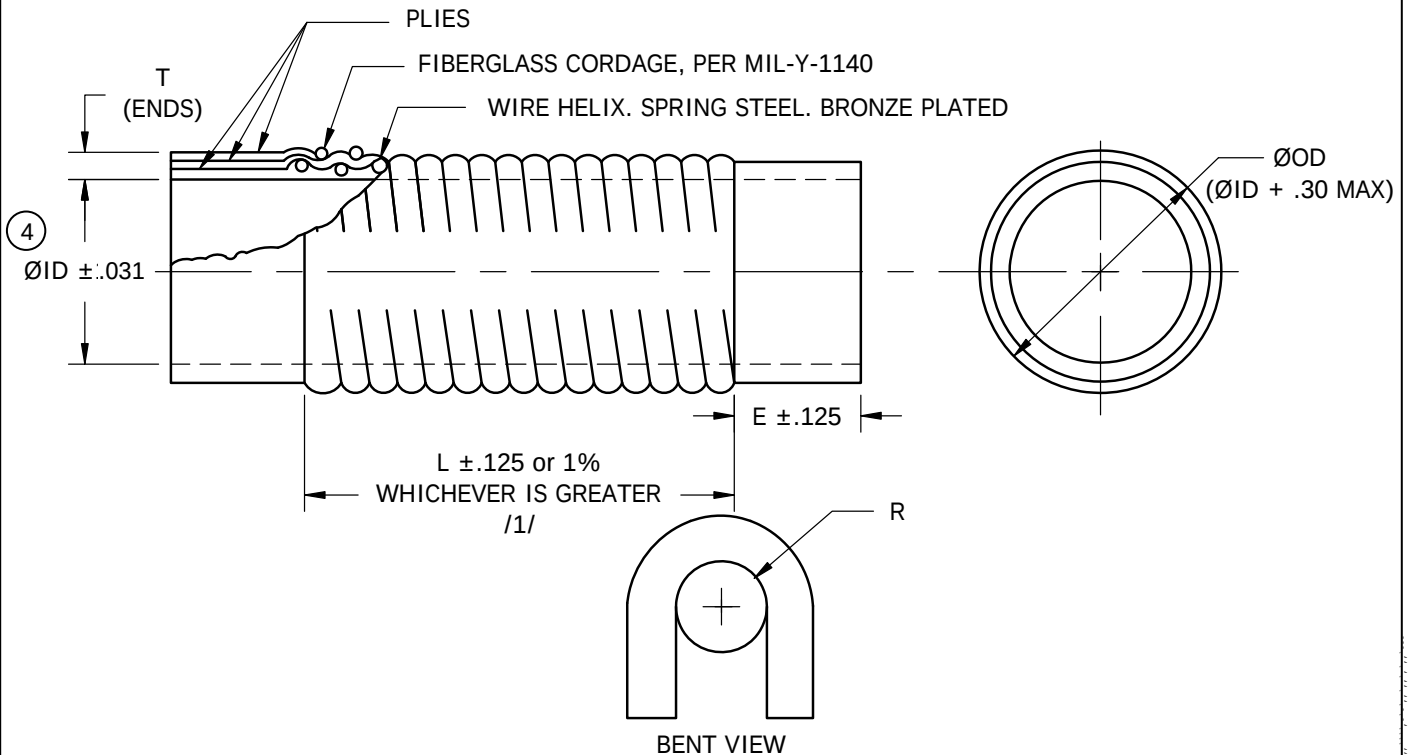


FED. SUPPLY CLASS

4720



④ TABLE I – FIRST DASH NUMBER AND INNER DIAMETER

DASH NO	ØID	DASH NO	ØID	DASH NO	ØID
01	.250	17	4.250	33	8.250
02	.500	18	4.500	34	8.500
03	.750	19	4.750	35	8.750
04	1.000	20	5.000	36	9.000
05	1.250	21	5.250	37	9.250
06	1.500	22	5.500	38	9.500
07	1.750	23	5.750	39	9.750
08	2.000	24	6.000	40	10.000
09	2.250	25	6.250	41	10.250
10	2.500	26	6.500	42	10.500
11	2.750	27	6.750	43	10.750
12	3.000	28	7.000	44	11.000
13	3.250	29	7.250	45	11.250
14	3.500	30	7.500	46	11.500
15	3.750	31	7.750	47	11.750
16	4.000	32	8.000	48	12.000

THIRD ANGLE PROJECTION	CUSTODIAN	REVISION
	NATIONAL AEROSPACE STANDARDS COMMITTEE	4
PROCUREMENT SPECIFICATION	TITLE	CLASSIFICATION PART STANDARD
	DUCT, AIR, FLEXIBLE, HELIX WIRE SUPPORTED	NAS1369

MATERIAL: BODY – FIBERGLASS IMPREGNATED WITH SILICONE OR CHLOROPRENE /3/. SPRING STEEL HELIX AND FIBERGLASS CORDAGE.
ENDS – SOFT – SAME AS BODY WITHOUT WIRE OR CORDAGE.
PLAIN – SAME AS BODY WITH WIRE AND CORDAGE.

CODE: LETTER BETWEEN BASIC PART NUMBER AND FIRST DASH NUMBER = TYPE OF END: “A” = 2 SOFT ENDS, “B” = 2 PLAIN ENDS, “C” = 1 SOFT END AND 1 PLAIN END (NAS1370 IS AVAILABLE WITH TYPE “B” ENDS ONLY).
FIRST DASH NUMBER = ØID AS TABULATED.
LETTERS BETWEEN FIRST DASH NUMBER AND SECOND DASH NUMBER = INTERNAL AND EXTERNAL PRESSURE, IMPREGNANT AND LEAKAGE AS TABULATED.
SECOND DASH NUMBER = LENGTH AS TABULATED.

EXAMPLE OF PART NUMBER:

NAS1376 A 06 CA 014 = DUCT, AIR, FLEXIBLE, HELIX WIRE SUPPORTED WITH 1.500 INCH ØID, 3.500 INCH LONG, TWO 1.500 INCH SOFT ENDS

— LENGTH AS TABULATED

— IMPREGNANT, INTERNAL AND EXTERNAL PRESSURE AND LEAKAGE AS TABULATED

— ØID AS TABULATED

— TYPE OF ENDS

— LENGTH OF SOFT END OR ENDS AS TABULATED

NOTES:

- /1/ USE IN NOMINAL LENGTH ONLY. CAN COMPRESS TO 75% OF “L” FOR INSTALLATION ONLY. MINIMUM BEND RADIUS “R” = ØID FOR 20 PSI INTERNAL AND UNDER, 3 TIMES ØID FOR 35 PSI INTERNAL AND OVER.
- (2) USE SOFT ENDS WHERE LEAKAGE IS OF IMPORTANCE.
- /3/ AT OPERATING TEMPERATURES OF –65 °F TO 275 °F THE FIBERGLASS IMPREGNANT IS CHLOROPRENE RUBBER. AT OPERATING TEMPERATURES OF –75 °F TO 500 °F THE FIBERGLASS IMPREGNANT IS SILICONE RUBBER.
- (4) LEAKAGE INDICATED IS EXPRESSED IN CFM PER NOMINAL INCH ØID PER FOOT OF LENGTH “L” CORRECTED TO 68 °F AND 30 INCHES HG.
- (5) DIMENSIONS IN INCHES.
- (6) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (7) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- ④ (8) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
- (9) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

REVISION

4

NAS1370-1379 2014
SHEET 2



Documents
Document Sharing Hub

USE OF OR RELIANCE UPON THIS DOCUMENT OR ANY NATIONAL AEROSPACE STANDARD IS ENTIRELY VOLUNTARY. AIA DOES NOT QUALIFY SUPPLIERS OR CERTIFY

Copyright Aerospace Industries Association of America Inc. AIA MAKES NO REPRESENTATION OR CLAIM RESPECTING (1) THE SUITABILITY OF
Provided by IHS under license with AIA/NAS. Licensee= www.sepana.ir/5991803002, User=sam, albert
No reproduction or networking permitted without license from IHS. Not for Resale, 01/04/2016 02:48:00 MST. TRADEMARKS RIGHTS.

Full document details: AIA NAS1370-1379 2014