

FED. SUPPLY CLASS

1670

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1000 WILSON BLVD.
ARLINGTON, VA 22209

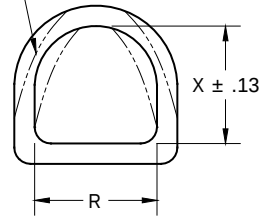
THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME
PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST
REVISION DATE:

FORM 12-01

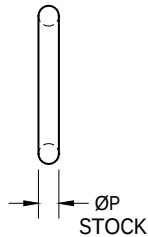
REVISION DATE: MARCH 31, 2015

ISSUE DATE: APRIL 1959

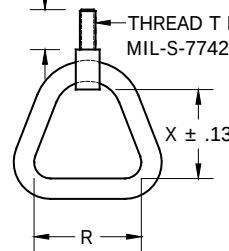
DELTA SHAPE OPTIONAL



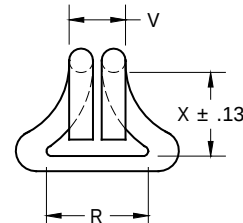
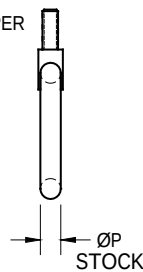
TYPE A



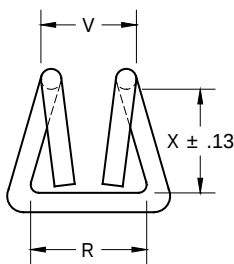
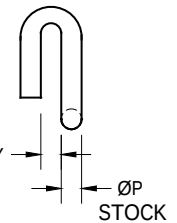
THREAD LENGTH:
TYPE B - .625 LONG
TYPE C - 1.000 LONG



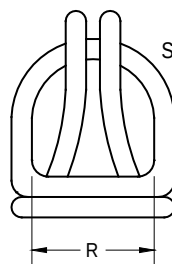
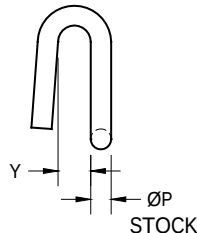
TYPE B & TYPE C



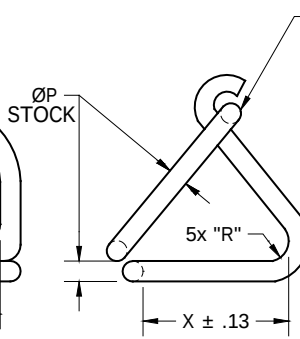
TYPE D



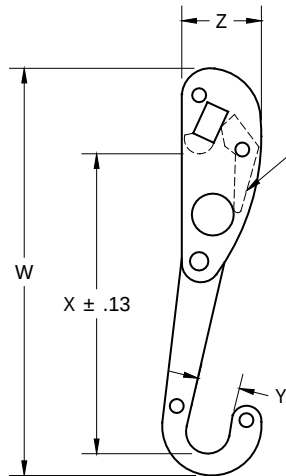
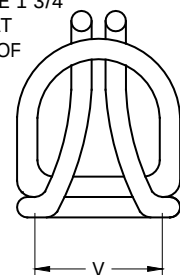
TYPE E



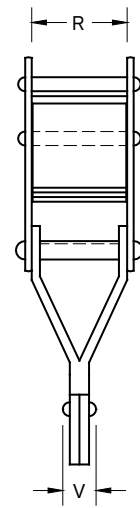
TYPE H



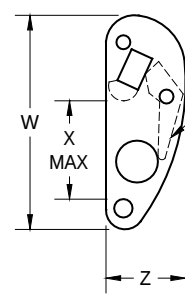
KEEPER SIZE 1, 1 1/2 & 2
1010/1020 WIRE
KEEPER SIZE 1 3/4
MAY BE FLAT
STAMPING OF
4130 STEEL



TYPE G



TYPE F



PUSH TO
RELEASE
LEVER

NOTE: ILLUSTRATION OF BUCKLES
FOR ENVELOPE DIMENSIONS ONLY.
SHAPE AND ARRANGEMENT OF
COMPONENTS OPTIONAL.

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	NONE

CUSTODIAN	NATIONAL AEROSPACE STANDARDS COMMITTEE
TITLE	FITTING, TIE DOWN STRAP END

REVISION	4
CLASSIFICATION PART STANDARD	



NAS1211
SHEET 1 OF 3
Document Sharing Hub

TABLE I – DIMENSIONS

	FITTING TYPE	FOR USE WITH STRAP WIDTH			
		1"	1 1/2"	1 3/4"	2"
WIDTH R MIN	ALL	1.00	1.50	1.75	2.00
CLEARANCE V MAX	D, G	.63	.69	.88	.75
	E, H	1.00	1.50	1.75	2.00
LENGTH W MAX	F	3.88	3.88	3.88	3.88
	G	6.57	6.82	7.10	6.82
CLEARANCE X	A, B, C	1.19	1.44	1.69	1.69
	D, E	1.25	1.25	1.25	1.25
	F	1.84	1.84	1.75	1.84
	G	4.78	5.09	5.13	5.09
	H	2.00	2.00	2.00	2.00
OPENING Y MIN	D, E	.38	.38	.38	.38
	G	.50	1.00	1.00	1.00
HEIGHT Z MAX	F, G	1.47	1.47	1.47	1.47
RATED STRENGTH	ALL	1,800#	2,100#	5,000#	2,500#
ØP	A, B, C, D, E	.23	.25	.35	.25
	H	.25	.25	.25	.25
THREAD T	B, C	1/4-28	1/4-28	5/16-24	1/4-28

MATERIAL:

FITTINGS – STEEL – 4130 PER AMS-S-6758.

PORTIONS OF BUCKLE MAY BE ALUMINUM ALLOY – 2024-T3 PER AMS-QQ-A-250/4.

HEAT TREATMENT:

FITTINGS – DEVELOP BASIC MATERIAL PROPERTIES AS FOLLOWS, WITH CONTROLS PER AMS-H-6875 OR AMS2759 (EXCEPT AS NOTED).

160-180 KSI Ft_u

FINISH:

STEEL – CADMIUM PLATE, AMS-QQ-P-416, TYPE II, CLASS 3.

ALUMINUM – ANODIZE, MIL-A-8625, OR CHEMICAL FILM PER MIL-DTL-5541.

CODE:

LETTER BETWEEN BASIC NUMBER AND DASH NUMBER = TYPE OF FITTING.

DASH NUMBER = SIZE OF FITTING: "10" FOR USE WITH 1 INCH STRAP, "15" FOR USE WITH 1-1/2 INCH STRAP, "17" FOR USE WITH 1-3/4 INCH STRAP, "20" FOR USE WITH 2 INCH STRAP.

EXAMPLE OF PART NUMBER:

NAS1211A10 = TYPE "A" FITTING FOR USE WITH 1 INCH STRAP.

NOTES:

- (1) RATED STRENGTH IS ESTABLISHED AS THE MAXIMUM LOAD THAT MAY BE APPLIED TO THE STRAP ASSEMBLY NAS1213 OR NAS1212 WITHOUT FAILURE OF A COMPONENT OR SLIPPAGE OF STRAP THRU BUCKLE.
- (2) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (3) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

REVISION

4

NAS1211
SHEET 2



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. THIS DOCUMENT IS PRODUCED UNDER NATIONAL AEROSPACE STANDARD: 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 02:45:23 MST. TRADEMARKS RIGHTS.

Full document details: AIA NAS1211 2015