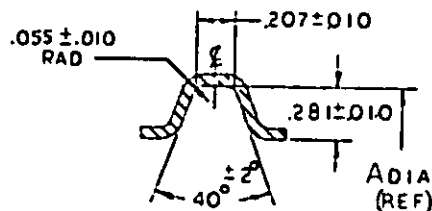
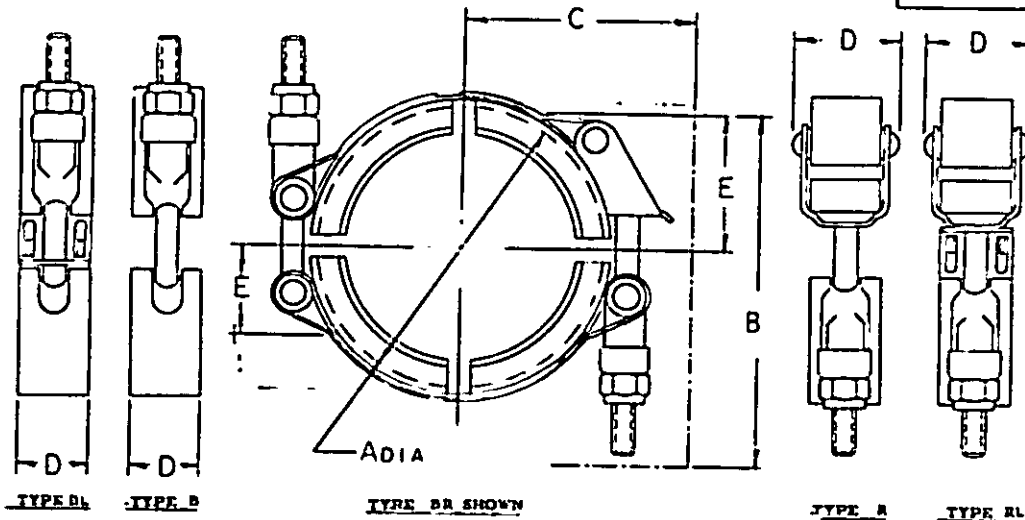


FED. SUP CLASS
7343

MATERIAL: SEE PROCUREMENT SPECIFICATION

FINISH: SEE PROCUREMENT SPECIFICATION

REMOVE ALL BURRS AND SHARP EDGES

DIMENSIONS ARE IN INCHES

LATCH ELEMENTS ARE OPTIONAL WITHIN ENVELOPES SHOWN

* ENVELOPE DIMENSIONS APPLY WHEN THE COUPLING IS IN THE TIGHTENED CONDITION AT THE MAXIMUM AND MINIMUM POSITIONS OF ITS DIAMETRAL RANGE.

EXAMPLES OF PART NUMBER: (00 REPRESENTS DASH NUMBER)

- MS27115 -00B • BASIC LATCH COUPLING
- MS27115 -00R • QUICK COUPLER LATCH COUPLING
- MS27115 -00BL • T-BOLT LATCH WITH REDUNDANT LATCH COUPLING
- MS27115 -00RL • QUICK COUPLER LATCH WITH REDUNDANT LATCH COUPLING

QUICK COUPLER LATCH COUPLING SHALL CONTAIN ONLY ONE QUICK COUPLER LATCH. CERTAIN PROVISIONS OF THIS STANDARD (PROFILE DIMENSIONS AND FLANGE OD INCREMENT SIZE RANGES) ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT ABC AIR STD 17/19. WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED, THE DEPARTMENTAL CUSTODIAN WILL INFORM THEIR RESPECTIVE DEPARTMENTAL STANDARDIZATION OFFICES SO THAT APPROPRIATE ACTION MAY BE TAKEN RESPECTING THE INTERNATIONAL AGREEMENT CONCERNED.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID

© ENTIRE STANDARD REVISED.

P.A. USAF - 11	TITLE	MILITARY STANDARD
Other Code	COUPLING-CLAMP, GROOVED V-BAND	MS 27115(ASG)
Navv - AS	1.750 TO 6.250 FLANGE O D	
	(-450° F TO +200° F)	
PROCUREMENT SPECIFICATION	SUPersedes	SHEET 1 OF 2
MIL-C-27536		

DD FORM 672-1 (limited circulation)

PROHIBIT REVISION OF THIS FORM AND DERIVATIVE

Aviation activities:
Army - 11
Navy - 11
USAF - 11

This military standard is approved by the Department of the Army, the Navy, and the USAF. It is mandatory for use by these activities. All other military activities are required to employ this standard where suitable.

APPROVED 5 MARCH 62 REVISED (A) 29 AUG 62 (B) 15 OCT 63 (C) 1 NOV 66

FED. SUP CLASS
5340Review activities:
NAVY - A5
USAF - 11

This military standard is approved by the Department of the Air Force and the MILITARY STANDARD COMMISSION and is mandatory for use by these activities. All other military activities are required to employ this standard where suitable.

APPROVED 5 MARCH 1962 REVISED (C) FOR CHANGES SEE SHEETS 1 AND 2

DASH NO.		FLANGE OD M324543	AXIAL LOAD RATING (LB)	A +.03 A -.06 DIA	LATCH ENVELOPE												MIN BOLT DIA	RATED TORQUE (LB IN.)	MAX WT (LB)				
					B MAX			C MAX			D MAX			E MAX									
					B	BL	R	RL	B	BL	R	RL	B	BL	R	RL			B	BL	R	RL	B
01	1.75	5,995	1.88					1.75	1.85											.23	.28	.27	.32
02	1.88	6,030	2.00					1.80	1.90											.24	.29	.28	.33
03	2.00	6,060	2.12					1.85	1.95											.25	.30	.29	.34
04	2.12	6,090	2.25					1.90	2.00											.26	.31	.30	.35
05	2.25	6,120	2.38					2.00	2.10											.27	.32	.31	.36
06	2.38	6,155	2.50					2.05	2.15											.28	.33	.32	.37
07	2.50	6,185	2.62					2.10	2.20											.29	.34	.33	.38
08	2.62	6,220	2.75					2.20	2.30											.30	.35	.34	.39
09	2.75	6,250	2.88	3.50	4.00	4.00	4.50	2.25	2.35	.80	.90	1.10	1.00	1.50	1.50	35			.30	.35	.34	.39	
10	2.88	6,280	3.00					2.30	2.40											.31	.36	.35	.40
11	3.00	6,310	3.12					2.35	2.45											.32	.37	.36	.41
12	3.12	6,345	3.25					2.40	2.50											.33	.38	.37	.42
13	3.25	6,375	3.38					2.50	2.60											.35	.40	.39	.44
14	3.50	6,440	3.62					2.60	2.70											.37	.42	.41	.46
15	3.75	6,505	3.88					2.75	2.85											.38	.43	.42	.47
16	4.00	6,565	4.12					2.85	2.95											.40	.45	.44	.49
17	4.25	6,630	4.38					3.00	3.10											.43	.48	.47	.52
18	4.75	6,755	4.88					3.25	3.35											.46	.51	.50	.55
19	5.25	6,880	5.38					3.50	3.60											.50	.55	.54	.59
20	5.75	7,050	5.88					3.75	3.85											.53	.58	.57	.62
21	6.25	7,155	6.38					4.00	4.10														

P.A. USAF - II Other Cust Navy - AS	TITLE COUPLING-CLAMP, GROOVED V- 1.750 TO 6.250 FLANGE O D (-450° F TO +200° F)
PROCUREMENT SPECIFICATION MIL-C-27536	SUPERSEDES:

P.A. USAF - II

Other Cust

Navy - AS

TITLE

COUPLING-CLAMP, GROOVED V-BAND
1.750 TO 6.250 FLANGE O D
(-450°F TO +200°F)PROCUREMENT SPECIFICATION
MIL-C-27536

SUPERSEDES

MILITARY STANDARD

MS 27115(ASG)

SHEET 2 OF

DD FORM 672-1 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.