

FED SUPPLY CLASS

1640

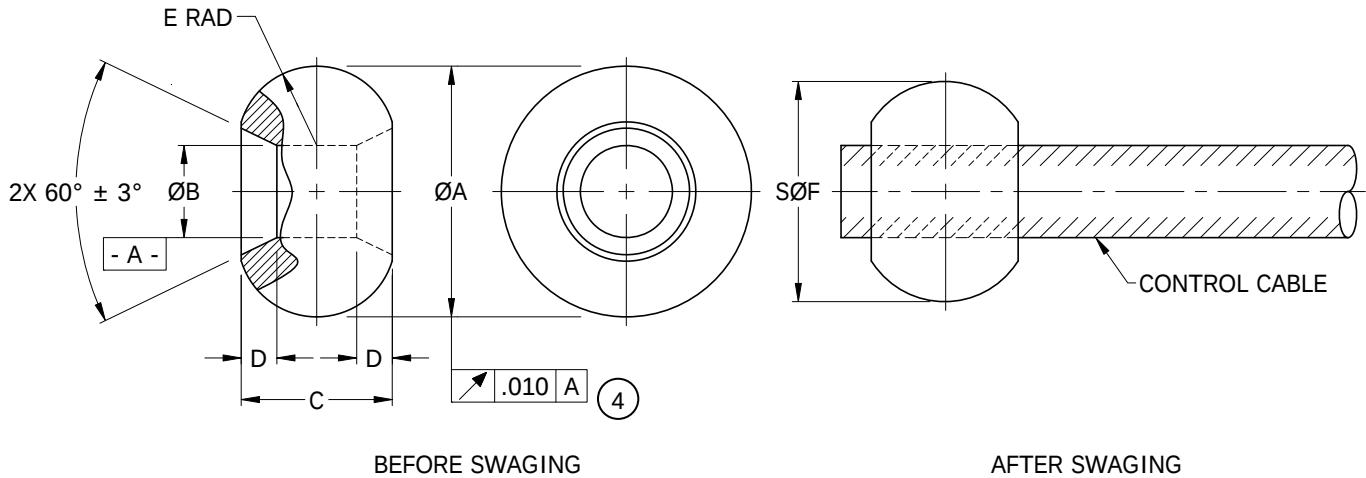


TABLE I – DIMENSIONS

PART NO.	CABLE DIA (REF)	MBS LBF /9/	ØA	ØB	C	D	E RAD	SØF SPHERICAL
NAS494-1	.031	88	.211 .208	.048 .045	.141 .137	.026 .016	.083 .073	.1905 .1875
NAS494-1.5	.047	215	.211 .208	.057 .053	.141 .137	.026 .016	.083 .073	.1905 .1875
NAS494-2	.063	385	.211 .208	.076 .073	.141 .137	.026 .016	.083 .073	.1905 .1875
NAS494-3	.094	735	.288 .284	.106 .102	.174 .170	.041 .031	.099 .089	.253 .250
NAS494-4	.125	1200	.355 .351	.143 .139	.190 .184	.041 .031	.142 .132	.317 .312
NAS494-5	.156	1680	.429 .425	.175 .171	.227 .222	.041 .031	.170 .160	.380 .375
NAS494-6	.188	2520	.498 .493	.207 .203	.264 .259	.041 .031	.197 .187	.442 .437

THIRD
ANGLE
PROJECTION

PROCUREMENT
SPECIFICATION

NOTED

CUSTODIAN

NATIONAL AEROSPACE STANDARDS COMMITTEE

TITLE

TERMINAL, BALL TYPE CABLE

REVISION

4

CLASSIFICATION
PART STANDARD

NAS494

SHEET 1 OF 2

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: AUGUST 31, 2015

ISSUE DATE: JULY 1949

MATERIAL:

CORROSION-RESISTING STEEL PER PROCUREMENT SPECIFICATION.

HEAT TREATMENT:

BRIGHT ANNEAL AFTER MACHINING. SLIGHT DISCOLORATION DUE TO ANNEALING SHALL NOT BE CAUSE FOR REJECTION.

FINISH:

PER PROCUREMENT SPECIFICATION.

NOTES:

- (1) NOT TO BE USED IN STRUCTURAL CABLE INSTALLATIONS OR PRIMARY SURFACE CONTROL SYSTEMS.
- (2) THESE TERMINALS ARE INTENDED FOR USE ON SECONDARY CONTROL SYSTEMS SUCH AS SWITCH OR MECHANISM ACTUATION, TRIM TAB CONTROL, ETC.
- (3) QPL-781 IS NOT APPLICABLE.
- (4) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (5) 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 (6) 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.
- (7) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (8) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- /9/ MINIMUM BREAKING STRENGTH (MBS) OF -1 THROUGH -3 TERMINALS IS 80 PERCENT OF FLEXIBLE CARBON STEEL CABLE (WIRE ROPE) CONFORMING TO MIL-DTL-83420, TYPE I, COMPOSITION A. MBS OF -4 THROUGH -6 TERMINALS ARE RATED AT 60 PERCENT OF THE FLEXIBLE CARBON STEEL CABLE (WIRE ROPE) STRENGTH.

PROCUREMENT SPECIFICATION:

MIL-DTL-781, EXCEPT DISTORTION TEST SHALL NOT APPLY.

REVISION

4

NAS494
SHEET 2



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