

FED. SUPPLY CLASS

5320

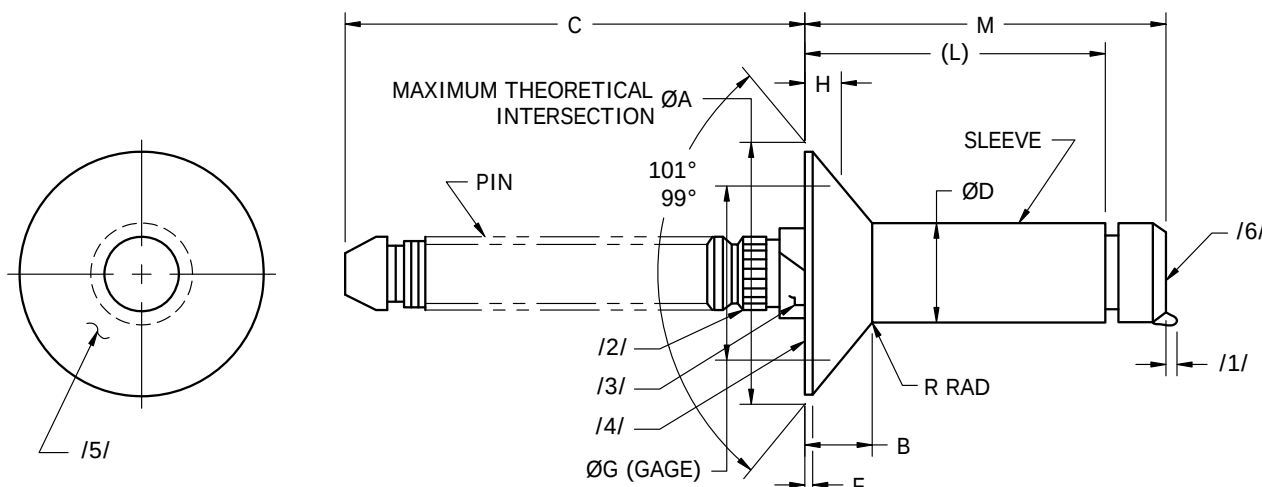


FIGURE 1 – BLIND FASTENER

TABLE I – SIZES AND DIMENSIONS

BODY DIA	NOM DIA	ØA HEAD MAX	B HEAD HEIGHT MAX	C MIN	ØD SLEEVE	F MAX	ØG GAGE	H GAGE HEIGHT	R RAD MAX	(S) MAX	ØP MIN /9/	MIN ULTIMATE SINGLE SHEAR LBF	MIN ULTIMATE TENSILE LBF
05	.163	.333	.072	.844	.164 .162	.011	.2832 .2830	.0206 .0171	.010	.232	.235	1,825	900
06	198	.386	.080	.875	.199 .197	.013	.3272 .3270	.0243 .0205	.015	.292	.275	2,690	1,400
08	.259	.507	.105	1.000	.260 .258	.017	.4320 .4318	.0310 .0270	.020	.361	.350	4,650	2,000
10	.311	.634	.137	1.218	.312 .310	.020	.5451 .5449	.0367 .0325	.025	.408	.410	6,675	3,600

MATERIAL:

PIN AND COLLAR: A286 CRES (UNS S66286) PER AMS5737.

SLEEVE: TITANIUM (UNS R50250) PER ASTM B348, GRADE 1 (COMMERCIALLY PURE TITANIUM).

HEAT TREATMENT:

THE PIN SHALL BE HEAT TREATED IN ACCORDANCE WITH NASM8975.

① COMPLETELY REVISED

THE INTITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MIL-F-8975/7. PART NUMBERS REMAIN M8975/7.

THIRD ANGLE PROJECTION 	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION NASM8975	TITLE FASTENERS, BLIND, HIGH STRENGTH, TITANIUM/CRES, FLUSH HEAD, TYPE I, CLASS 2	CLASSIFICATION PART STANDARD NASM8975-17 SHEET 1 OF 3

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 09-01

REVISION DATE: FEBRUARY 29, 2012

SSUE DATE: APRIL 1999

FINISH:

CRES COMPONENTS SHALL BE PASSIVATED IN ACCORDANCE WITH AMS2700, METHOD 1, CLASS 4.

LUBRICATION:

LUBRICANTS MAY BE APPLIED TO ANY OR ALL COMPONENTS IF REQUIRED FOR PERFORMANCE.
LUBRICANTS SHALL BE CETYL ALCOHOL IN ACCORDANCE WITH ~~MIL-L-87132~~ AS87132 OR DRY FILM PER
~~MIL-L-8937~~ AS5272, TYPE I.

EXAMPLE OF PART NUMBER:

M8975/7-XX-XX

GRIP DASH NUMBER IN 1/16 INCH INCREMENTS (SEE TABLE II)
DIAMETER DASH NUMBER IN 1/32 INCH INCREMENTS (SEE TABLE I)
BASIC PART NUMBER

NOTES:

- /1/ TRIM FLASH NOT TO EXCEED .005 MAXIMUM LENGTH ABOVE HEAD OF PIN.
- /2/ KNURLED TO FACILITATE FASTENER ASSEMBLY, NOT PART OF INSTALLED FASTENER.
- /3/ SOLID OR SPLIT LOCK COLLAR – MANUFACTURER'S OPTION. SPLIT NOT TO EXCEED .020 WIDTH.
- /4/ CONCENTRICITY OF CONICAL SURFACE OF FLUSH HEAD TO "ØD" TO BE WITHIN .003 FIM.
- /5/ HEAD MARKING SHALL CONSIST OF THE MANUFACTURER'S SYMBOL, GRIP NUMBER AND LETTERS "NV" FOR COMMERCIALLY PURE TITANIUM SLEEVE MATERIAL (ARRANGEMENT OPTIONAL).
- /6/ IDENTIFICATION: SMOOTH PIN (NO I.D.) INDICATES CRES PIN.
- (7) DESIGN AND USAGE LIMITATIONS: THESE BLIND FASTENERS SHALL BE USED IN ACCORDANCE WITH THE LIMITATIONS OF NASM8975/1.
- (8) TOOLING INSTALLATION AND REMOVAL – SEE NASM8975, APPENDIX A.
- /9/ "ØP" DIAMETER SHALL NOT EXCEED THE MAXIMUM LIMIT OF THE HEAD DIAMETER "ØA".
- (10) DIMENSIONS IN INCHES AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED.
- (11) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (12) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (13) 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.
- (14) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

① COMPLETELY REVISED

REVISION
1
NASM8975/7
SHEET 2



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