

FED. SUPPLY CLASS

5320

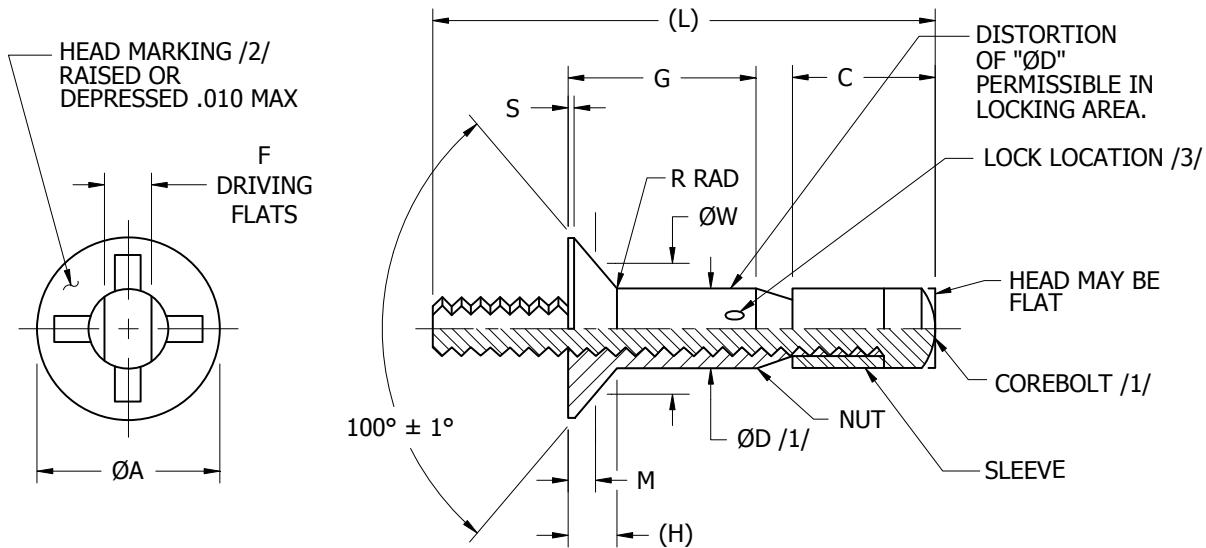


FIGURE 1 - BLIND FASTENER

TABLE I - SIZES AND DIMENSIONS

BODY DIA	NOM DIA	ØA THEO	ØA MIN	C MAX	ØD	F DRIVING FLATS	(H)	ØJ MAX	K MAX	M GAGE PROT	R RAD	S MAX	ØW GAGE	DOUBLE SHEAR STRENGTH LBF MIN	TENSILE STRENGTH LBF MIN
05	.1635	.332 .325	.296	.287	.1645 .1625	.086 .081	.069	.244	.272	.0276 .0238	.030 .010	.012	.2671 .2669	3,160	900
06	.1980	.385 .378	.342	.326	.1990 .1970	.104 .099	.077	.300	.315	.0250 .0190	.030 .015	.015	.3272 .3270	4,600	1,400
08	.2590	.507 .499	.463	.360	.2600 .2580	.135 .130	.102	.384	.356	.0327 .0263	.030 .015	.015	.4320 .4318	7,900	2,100
10	.3105	.635 .626	.577	.440	.3115 .3095	.152 .147	.134	.427	.420	.0390 .0320	.040 .020	.020	.5451 .5449	11,360	3,600
12	.3735	.762 .752	.696	.539	.3745 .3725	.185 .180	.160	.516	.495	.0452 .0378	.040 .020	.023	.6582 .6580	16,440	5,600

MATERIAL:

NUT AND COREBOLT: TITANIUM, 6Al-4V (UNS R56400) PER MIL-T-9047 AMS6930 OR AMS6931.
SLEEVE: CRES A286 (UNS S66286) PER AMS5731, ~~AMS5735~~ AMS5732, AMS5737;
X-750 NICKEL ALLOY (UNS N07750) PER AMS5667, AMS5582;
CRES 304 (UNS S30400) PER AMS5639;
CRES 303 (UNS S30300) PER AMS5641; OR
CRES PER QQ-S-763 AMS-QQ-S-763.

① COMPLETELY REVISED

HEAT TREATMENT:

THE NUT AND COREBOLT SHALL BE HEAT TREATED IN ACCORDANCE WITH AMS-H-81200 OR AMS2801.

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MIL-F-8975/3, REVISION A. PART NUMBERS REMAIN M8975/3.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION NASM8975	TITLE FASTENERS, BLIND, TITANIUM, FLUSH HEAD, TYPE II, CLASS 2	CLASSIFICATION PART STANDARD NASM8975/3

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, LAURIC ACID, WWM CARBO-WAX, OR DRY FILM LUBRICANT IN ACCORDANCE WITH MIL-L-8937 AS5272, TYPE I.

EXAMPLE OF PART NUMBER:

M8975/3-XX-XX

GRIP DASH NUMBER IN SIXTEENTHS OF AN INCH (SEE TABLE II)

BODY DIAMETER IN THIRTY-SECONDS OF AN INCH (SEE TABLE I)

BASIC PART NUMBER

NOTES:

- /1/ OUTSIDE DIAMETER OF HEAD OF COREBOLT AND OUTSIDE DIAMETER OF SLEEVE SHALL NOT BE GREATER THAN MAXIMUM "ØD".
- /2/ HEAD MARKING SHALL CONSIST OF THE MANUFACTURER'S PART NUMBER AND IDENTIFICATION SYMBOL.
- /3/ CONCENTRICITY OF NUT HEAD CONICAL SURFACE TO "ØD" SHALL BE WITHIN .005 FIM EXCEPT OVER LOCKING FEATURE.
- (4) DESIGN AND USAGE LIMITATIONS: THESE BLIND FASTENERS SHALL BE USED IN ACCORDANCE WITH THE LIMITATIONS OF NASM8975/1.
- (5) TOOLING INSTALLATION AND REMOVAL: SEE NASM8975, APPENDIX B.
- (6) DIMENSIONS IN INCHES AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED.
- (7) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (8) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (9) 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.
- (10) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

REVISION

1

NASM8975/3

SHEET 2



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