

FED. SUPPLY CLASS

5320

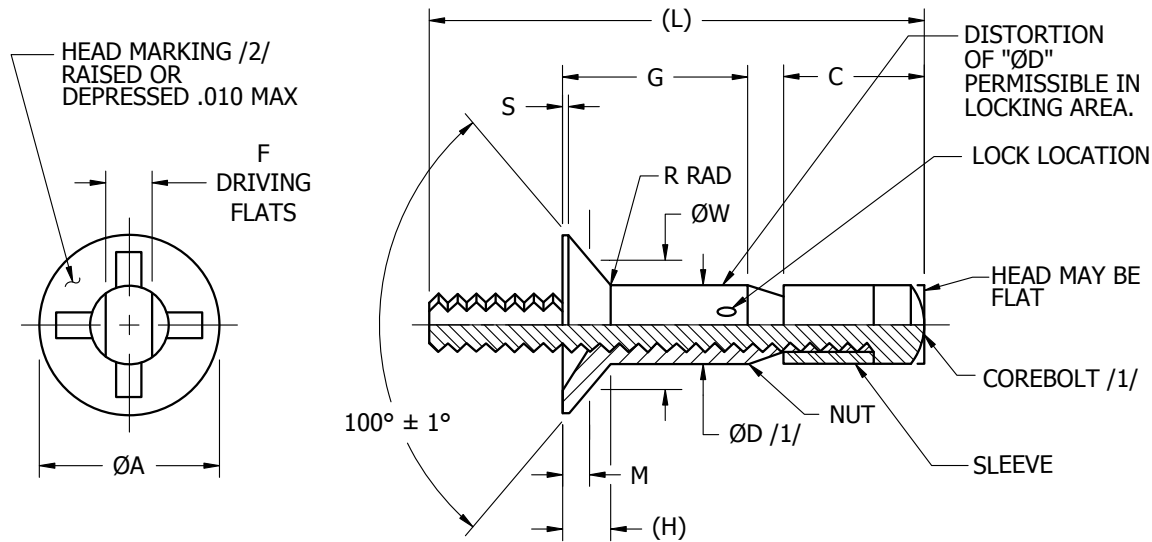


FIGURE 1 - BLIND FASTENER

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	.252	.0276 .0238	.030 .010	.012	.2671 .2669	3,960	1,150
06	.1980	.385 .378	.342	.326	.1990 .1970	.104 .099	.077	.300	.315	.0250 .0190	.030 .015	.015	.3272 .3270	5,850	1,690
08	.2590	.507 .499	.463	.360	.2600 .2580	.135 .130	.102	.384	.356	.0327 .0326	.030 .015	.015	.4320 .4318	10,000	2,900
10	.3105	.635 .626	.577	.440	.3115 .3095	.152 .147	.134	.427	.420	.0390 .0320	.040 .020	.020	.5451 .5449	14,400	4,170
12	.3735	.762 .752	.696	.539	.3745 .3725	.185 .180	.160	.516	.495	.0452 .0378	.040 .020	.023	.6582 .6580	20,760	5,970

MATERIAL:

NUT: A286 CRES (UNS S66286) PER AMS5735 AMS5732 OR AMS5737.
COREBOLT: A286 CRES (UNS S66286) PER AMS5735 AMS5732, AMS5737 OR AMS5731; OR NICKEL ALLOY 718 (UNS N07718) PER AMS5662.
SLEEVE: A286 CRES (UNS S66286) PER AMS5735 AMS5732, AMS5737 OR AMS5731; OR NICKEL ALLOY X-750 (UNS N07750) PER AMS5667 OR AMS5582.

① COMPLETELY REVISED

THE INTITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MIL-F-8975/2, REVISION A. PART NUMBERS REMAIN M8975/2.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION NASM8975	TITLE FASTENERS, BLIND, HIGH STRENGTH, CORROSION RESISTANT AND HEAT RESISTANT STEEL, FLUSH HEAD, TYPE II, CLASS 1	CLASSIFICATION PART STANDARD NASM8975/2

SHEET 1 OF 3

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HEAT TREATMENT:

NUT AND COREBOLT SHALL BE HEAT TREATED TO NOT LESS THAN 30 HRC.

FINISH:

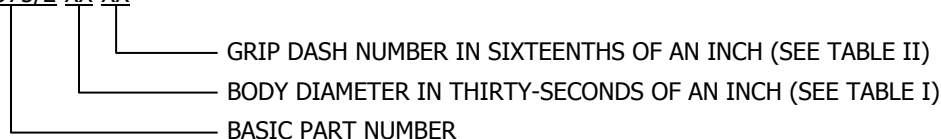
FASTENER SHALL BE PASSIVATED IN ACCORDANCE WITH AMS2700, METHOD 1, CLASS 4.

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

M8975/2-XX-XX



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 OVERLOCKING 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
NASM8975/2
SHEET 2

① COMPLETELY REVISED