

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
11000 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

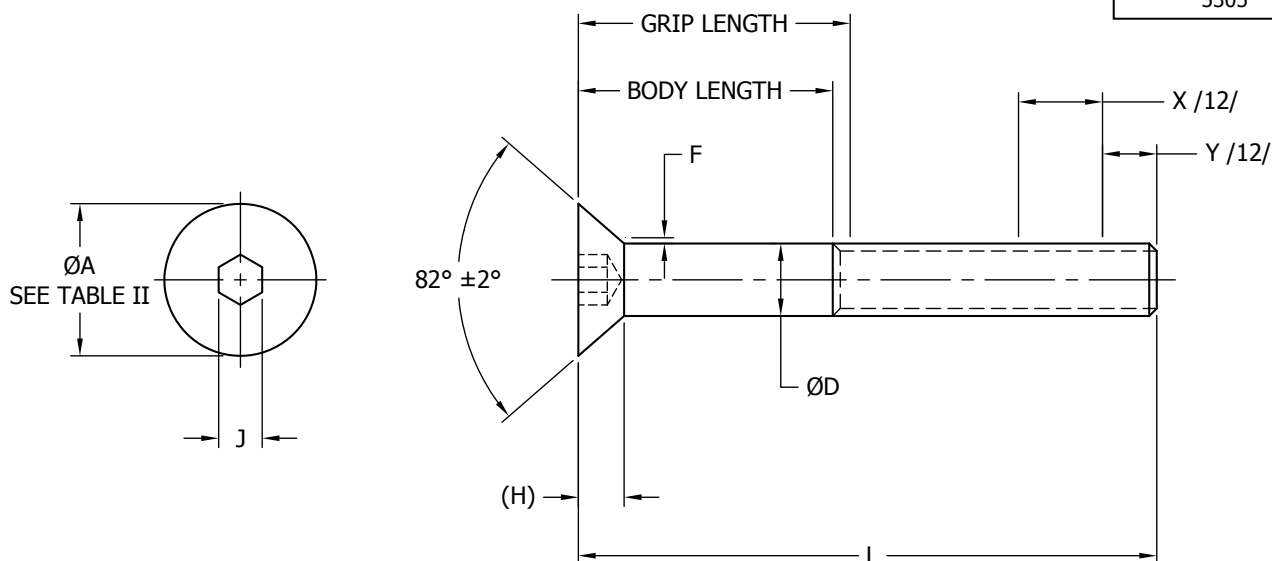


FIGURE 1 – SCREW CONFIGURATION

[illegible]

① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS24667, REVISION D. PART NUMBERS REMAIN MS24667.

THIRD ANGLE PROJECTION 	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION FF-S-86	TITLE SCREW, CAP, SOCKET HEAD, FLAT COUNTERSUNK, 82°, ALLOY STEEL, UNC-3A	CLASSIFICATION PART STANDARD NASM24667 SHEET 1 OF 4

REVISION DATE: AUGUST 26, 2011

ISSUE DATE: APRIL 1998

TABLE I – DASH NO. & DIMENSIONS (CONTINUED)

NOMINAL SIZE			.3750			.4375			.5000			.6250	.7500								
THREADS PER INCH, UNC-3A			16			14			13			11	10								
ØD	BODY	MAX	.3750			.4375			.5000			.6250	.7500								
		MIN	.3678			.4294			.4919			.6163	.7406								
(H)	HEAD HEIGHT		.234			.234			.251			.324	.396								
J	SOCKET SIZE		.219			.250			.312			.375	.500								
F	FILLET EXTENSION ABOVE ØD		.015			.015			.015			.015	.015								
TENSILE STRENGTH			LBF MIN			11,600			15,900			21,200			33,800	50,000					
L LENGTH	TOLERANCE		DASH NO.	GRIP LENGTH MAX	BODY LENGTH MIN	DASH NO. /6/	GRIP LENGTH MAX	BODY LENGTH MIN	DASH NO.	GRIP LENGTH MAX	BODY LENGTH MIN	DASH NO.	DASH NO.								
	SIZE .375	SIZE .4375 THRU .750																			
.500	+.000 -.030	+.000 -.030	49			62 63 64 65 66 67 68			73 74 75 76 77 78 79			84 85 86 87 88									
.625			50																		
.750			51																		
1.000			52																		
1.250	+.000 -.040	+.000 -.060	53											69 70 71	1.12 1.12 1.62	.77 .77 1.27	80 81 82	1.00 1.00 1.00	.62 .62 .62	89 90 91	93 94 95 96 97 98 99 100
1.500			54																		
1.750			55																		
2.000			56																		
2.250	+.000 -.060	+.000 -.080	57	1.00	.69	69 70 71	1.12 1.12 1.62	.77 .77 1.27	80 81 82	1.00 1.00 1.00	.62 .62 .62	89 90 91									
2.500			58	1.00	.69																
2.750			59	1.50	1.19																
3.000			60	1.50	1.19																

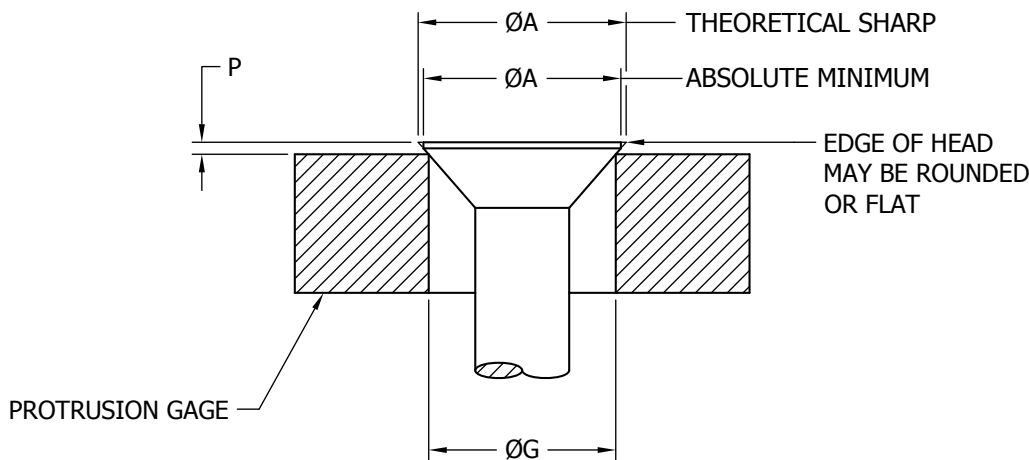


FIGURE 2 – PROTRUSION MEASUREMENT

1 COMPLETELY REVISED

REVISION

1

NASM24667

SHEET 2



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