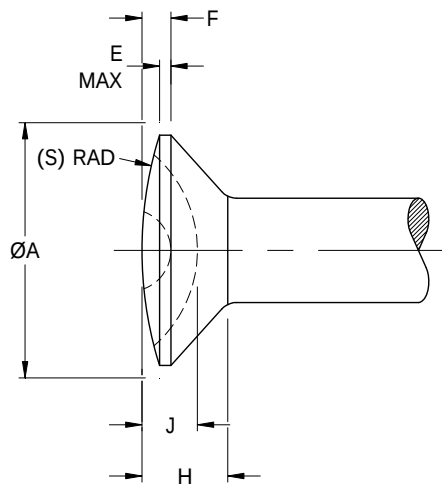
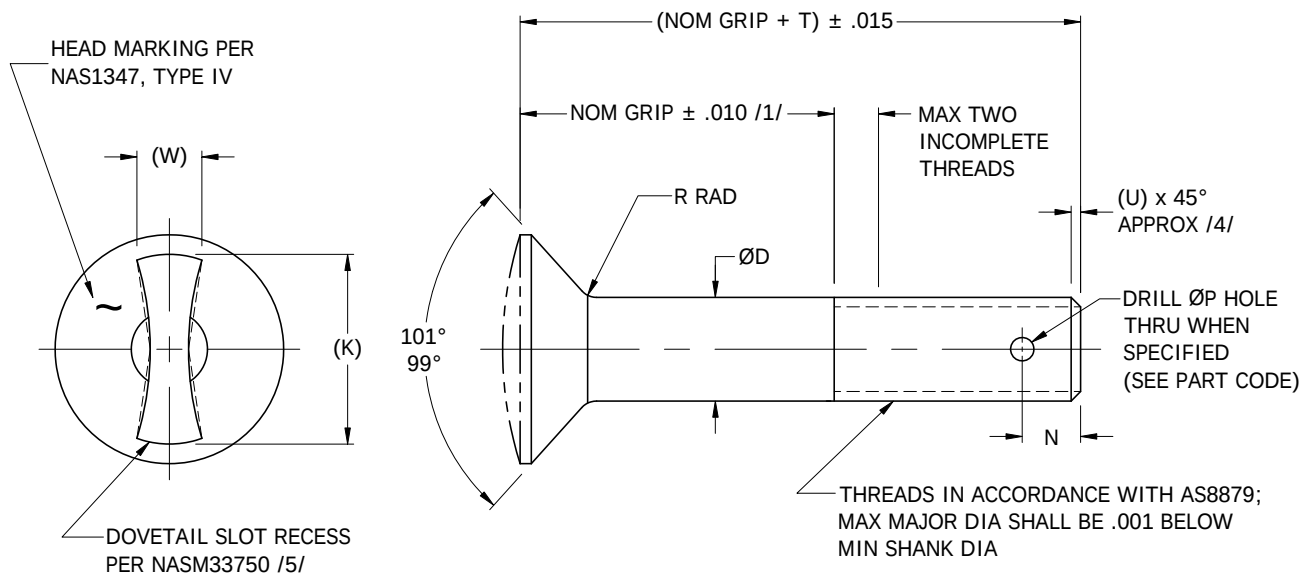
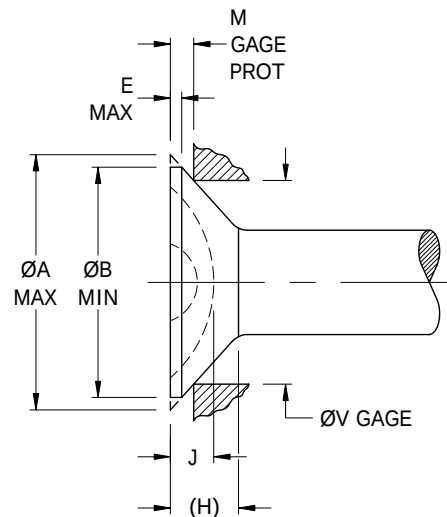


FED. SUPPLY CLASS

5306



-3 THRU -5 CONFIGURATION



-6 THRU -10 CONFIGURATION

③ COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 3
PROCUREMENT SPECIFICATION NOTED	TITLE BOLT, CLOSE TOLERANCE, 100° REDUCED HEAD, DOVETAIL SLOT ③	CLASSIFICATION PART STANDARD NAS1767

TABLE I – DIMENSIONS AND STRENGTH VALUES

FIRST DASH NUMBER	THREAD UNJF-3A	ØA	ØB MIN	ØD		E MAX	F ±.002	H	M GAGE PROT	N	ØP	R RAD	(S) RAD	T BASIC	(U)	ØV GAGE	Y FIM /2/	Z FIM /3/
				UNPLATED	PLATED													
3	.1900-32	.3016 .2966	–	.1895 .1890	.1895 .1885	.013	.014	.060 .056	–	.126 .116	.080 .070	.030 .020	.80	.338	.039	–	.005	.0040
4	.2500-28	.3948 .3898	–	.2495 .2490	.2495 .2485	.015	.014	.074 .070	–	.126 .116	.086 .076	.030 .020	1.40	.425	.045	–	.006	.0030
5	.3125-24	.4739 .4689	–	.3120 .3115	.3120 .3110	.016	.014	.084 .080	–	.130 .110	.086 .076	.040 .030	1.56	.469	.052	–	.007	.0030
6	.3750-24	.564	.510	.3745 .3740	.3745 .3735	.018	–	.081	.0324 .0286	.130 .110	.116 .106	.040 .030	–	.578	.052	.4854 .4852	.008	.0025
7	.4375-20	.672	.612	.4370 .4365	.4370 .4360	.020	–	.101	.0421 .0379	.134 .114	.116 .106	.050 .040	–	.694	.062	.5698 .5696	.009	.0025
8	.5000-20	.755	.688	.4995 .4990	.4995 .4985	.022	–	.109	.0431 .0385	.134 .114	.116 .106	.050 .040	–	.735	.062	.6500 .6498	.010	.0020
9	.5625-18	.838	.766	.5615 .5610	.5615 .5605	.024	–	.119	.0488 .0438	.134 .114	.151 .141	.050 .040	–	.840	.068	.7200 .7198	.010	.0020
10	.6250-18	.925	.848	.6240 .6235	.6240 .6230	.026	–	.129	.0427 .0373	.134 .114	.151 .141	.050 .040	–	.902	.068	.8214 .8212	.010	.0020

TABLE II – RECESS DIMENSIONS AND RECESS TORQUE VALUES

FIRST DASH NUMBER	RECESS NUMBER	J		(K)	(W)	RECESS TORQUE IN-LBF MIN
		MAX	MIN			
3	2	.052	.049	.235	.100	50
4	3	.058	.055	.315	.110	95
5	4	.065	.062	.405	.134	165
6	5	.064	.061	.484	.160	250
7	6	.070	.066	.571	.198	430
8	7	.086	.082	.660	.224	760
9	8	.098	.094	.731	.256	1,060
10	9	.104	.100	.819	.300	1,440

MATERIAL:

ALLOY STEEL - 4140 (UNS G41400) PER MIL-S-5626 AMS6382, 4340 (UNS G43406) PER MIL-S-5000 AMS6415 OR AMS6484, OR 8740 (UNS G87400) PER MIL-S-6049 AMS6327, AMS6322 OR AMS6325.

CRES - A286 (UNS S66286) PER AMS5731, AMS5732, AMS5737 OR AMS5853.

TITANIUM - 6AL-4V (UNS R56400) PER AMS4928 OR AMS4967.

HEAT TREAT:

DEVELOP BASIC MATERIAL PROPERTIES AS FOLLOWS, WITH CONTROLS PER AMS2759 FOR ALLOY STEEL AND CRES AND AMS-H-81200 OR AMS2801 FOR TITANIUM.

ALLOY STEEL: 160-180 KSI Ft_u

CRES: 160-190 KSI Ft_u

TITANIUM ALLOY: 160 KSI Ft_u MIN

REVISION

3

③ COMPLETELY REVISED



NAS1767-2012

SHEET 2

Document Sharing Hub