

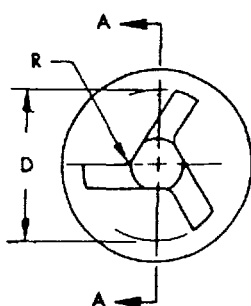


5

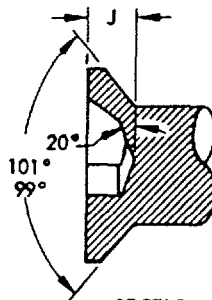
FED SUP CLASS
53GP

TRI-SLOT RECESS, FLUSH HEADS 5

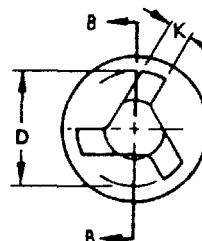
Drawings for bolts or screws using this recess shall have a leader pointing to the plan view of the recess and a call-out such as: "Recess per NAS4000-4"



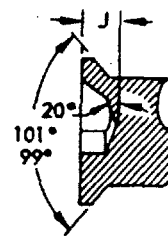
100° TENSION HEAD



SECTION
A - A



100° SHEAR HEAD



SECTION
B - B

Concentricity: D Dia of recess to shank within .016 FIM thru .2500-28 size; .024 FIM above .2500-28 size. 5

See Sheet 3 for additional recess dimensions.

TABLE I RECESS DIMENSIONS

RECESS DASH NUMBER	THREAD SIZE		D DIA		J		RECESS (a) PENETRATION	
	100° TENSION HEAD	100° SHEAR HEAD	MAX	MIN	MAX	MIN	MAX	MIN
0	.0600-80		.082	.072	.030	.022	.0220	.0135
1	.0860-56		.115	.105	.042	.032	.0310	.0210
2	.1120-40		.148	.138	.054	.043	.0400	.0290
3	.1380-32		.182	.172	.066	.054	.0495	.0370
4	.1640-32	.1900-32	.215	.205	.078	.064	.0590	.0455
4J	.1900-32	.2500-28	.248	.238	.094	.079	.0755	.0605
5	.1900-32	.2500-28	.248	.238	.080	.065	.0520	.0370
6	.2500-28	.3125-24	.325	.315	.106	.088	.0705	.0530
7	.3125-24	.3750-24	.395	.385	.140	.120	.1035	.0830
8	.3750-24	.4375-20	.427	.417	.160	.136	.1260	.1025
9	.4375-20	.5000-20	.498	.488	.188	.162	.1490	.1225
10	.5000-20	.5625-18	.568	.558	.215	.186	.1715	.1420
11	.5625-18	.6250-18	.638	.628	.242	.210	.1935	.1610
12	.6250-18	.7500-16	.708	.698	.270	.234	.2175	.1820
13	.7500-16	.8750-14	.880	.870	.335	.294	.2705	.2290
14	.8750-14	1.0000-12	1.120	1.110	.390	.342	.2880	.2405
15	1.0000-12		1.260	1.250	.446	.392	.3280	.2745

(a) See Sheet 5 for gage point used to measure recess penetration.

LIST OF CURRENT SHEETS

SHT.	REV.
1	5
2	4
3	4
4	4
5	2

See NAS4001 for dimensions of Tri-SLOT driver and driver gage. 5

CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE

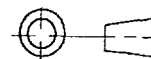
PROCUREMENT
SPECIFICATION

5

TITLE

RECESS, TRI-SLOT, DIMENSIONS OF RECESS AND GAGES

THIRD
ANGLE
PROJECTION



CLASSIFICATION
DESIGN STANDARD

NAS4000

SHEET 1 OF 5

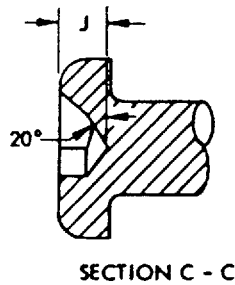
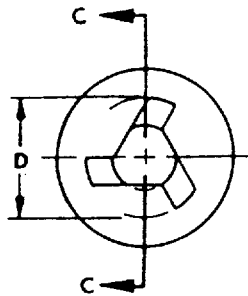
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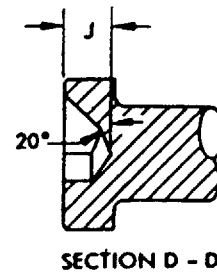
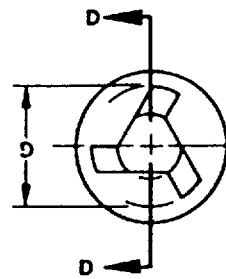


④ TRI-SLOT RECESS, PROTRUDING HEADS

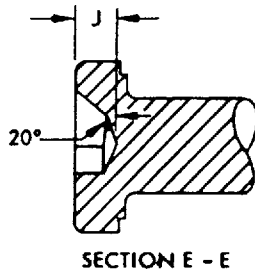
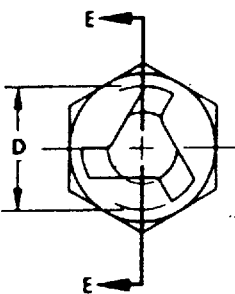
Drawings for bolts or screws using this recess shall have a leader pointing to the plan view of the recess and a call-out such as:
"Recess per NAS4000-4"



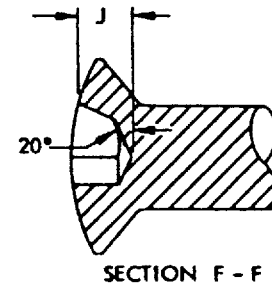
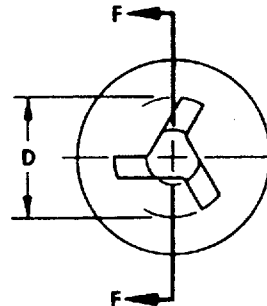
PAN HEAD



FILLISTER HEAD



HEX HEAD



OVAL HEAD

Concentricity: D Dia of recess to shank within .016 FIM thru .2500-28 size; .024 FIM above .2500-28 size. ④
See Sheet 3 for additional recess dimensions.

TABLE II RECESS DIMENSIONS

RECESS DASH NUMBER	THREAD SIZE	PAN HEAD						FILLISTER HEAD					
		D DIA		J		RECESS(b) PENETRATION		D DIA		J		RECESS(b) PENETRATION	
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
0	.0600-80	.082	.072	.030	.022	.0220	.0135	.082	.072	.030	.022	.0220	.0135
1	.0860-56	.115	.105	.042	.032	.0310	.0210	.115	.105	.042	.032	.0310	.0210
2	.1120-40	.148	.138	.054	.043	.0400	.0290	.148	.138	.054	.043	.0400	.0290
3	.1380-32	.182	.172	.066	.054	.0495	.0370	.182	.172	.066	.054	.0495	.0370
4	.1640-32	.215	.205	.078	.064	.0590	.0455	.215	.205	.078	.064	.0590	.0455
4J	.1900-32	.248	.238	.094	.079	.0755	.0605	.248	.238	.094	.079	.0755	.0605
5	.1900-32	.248	.238	.080	.065	.0520	.0370	.248	.238	.080	.065	.0520	.0370
6	.2500-28	.304	.294	.095	.078	.0600	.0420	.325	.315	.106	.088	.0705	.0530
7	.3125-24	.359	.349	.121	.101	.0855	.0650	.395	.385	.140	.120	.1035	.0830
8	.3750-24	.407	.397	.149	.126	.1160	.0925	.427	.417	.160	.136	.1260	.1025
9	.4375-20	.470	.460	.173	.146	.1350	.1085	.498	.488	.188	.162	.1490	.1225
10	.5000-20	.536	.526	.198	.168	.1555	.1260	.568	.558	.215	.186	.1715	.1420
RECESS DASH NUMBER	THREAD SIZE	HEX HEAD						OVAL HEAD					
		D DIA		J		RECESS(b) PENETRATION		D DIA		J		RECESS(b) PENETRATION	
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
2	.1120-40	.148	.138	.054	.043	.0400	.0290	.148	.138	.054	.043	.0420	.0310
3	.1380-32	.182	.172	.066	.054	.0495	.0370	.182	.172	.066	.054	.0530	.0400
4	.1640-32	.215	.205	.078	.064	.0590	.0455	.215	.205	.078	.064	.0630	.0490
4J	.1900-32	.248	.238	.094	.079	.0755	.0605	.248	.238	.101	.086	.0825	.0675
5	.1900-32	.248	.238	.080	.065	.0520	.0370	.248	.238	.080	.065	.0540	.0390
6	.2500-28							.325	.315	.106	.088	.0740	.0560
7	.3125-24							.395	.385	.140	.120	.1090	.0880
8	.3750-24							.427	.417	.160	.136	.1290	.1050

See Sheet 5 for gage point used to measure recess penetration.

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