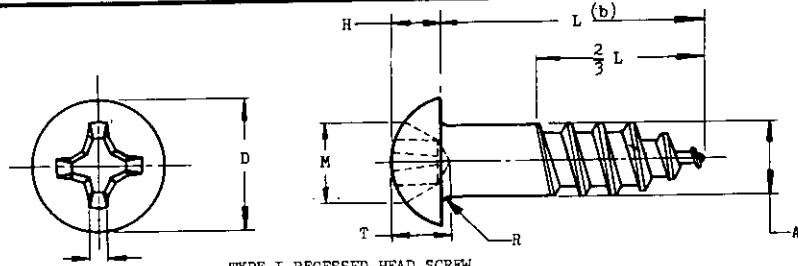


NAVJAN (2000) (REV. 4-81)

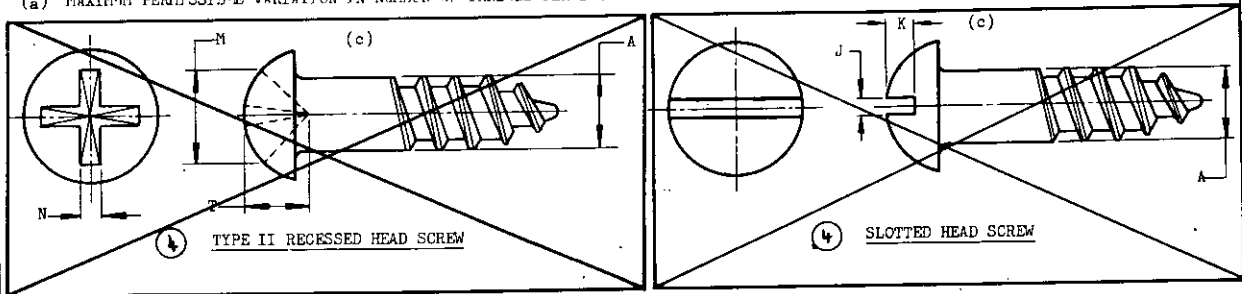
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TYPE I RECESSED HEAD SCREW

SIZE	A +.004 -.007 DIA	D DIA		H		L LENGTH TOLERANCE		M DIA		N WIDTH	R RAD	T DEPTH	RECESS SIZE	NUMBER OF THREADS PER INCH (a)	
		MAX	MIN	MAX	MIN	PLUS	MINUS	MAX	MIN	MIN	MAX	MAX			
NO. 2	.086	.162	.116	.069	.059	.080	.111	.101	.018			.089	1	26	
NO. 3	.099	.187	.169	.078	.057	.080	.119	.109	.019			.097		24	
NO. 4	.112	.211	.193	.086	.075	.090	.127	.117	.018			.105		22	
NO. 5	.125	.236	.217	.095	.083	.100	.151	.141	.027	.016		.104	2	20	
NO. 6	.138	.260	.240	.103	.091	.100	.159	.149	.027		.112	.031		.128	18
NO. 8	.164	.309	.287	.120	.107	.120	.175	.165	.030		.128			15	
NO. 10	.190	.359	.334	.137	.123	.130	.192	.182	.031	.031		.115	3	13	
NO. 12	.216	.408	.382	.153	.139	.150	.246	.236	.036		.165	.182		.198	11
NO. 14	.242	.457	.429	.170	.155	.160	.262	.252	.037		.182				.039
NO. 16	.268	.506	.476	.187	.171	.180	.278	.268	.039		.198	9			

(a) MAXIMUM PERMISSIBLE VARIATION IN NUMBER OF THREADS PER INCH IS PLUS OR MINUS 10 PERCENT.



TYPE II RECESSED HEAD SCREW

SLOTTED HEAD SCREW

RECESS DIMENSIONS

SCREW SIZE	A +.004 -.007 DIA	M DIA		N WIDTH	T DEPTH
		MAX	MIN	MIN	MAX
NO. 2	.086	.122	.109	.018	.079
NO. 3	.099	.140	.127	.021	.091
NO. 4	.112	.159	.145	.024	.103
NO. 5	.125	.177	.163	.027	.115
NO. 6	.138	.195	.180	.031	.127
NO. 8	.164	.232	.215	.037	.151
NO. 10	.190	.270	.250	.044	.176
NO. 12	.216	.306	.286	.051	.200
NO. 14	.242	.343	.322	.057	.224
NO. 16	.268	.380	.357	.064	.248

SCREW SIZE	A +.004 -.007 DIA	(c) J		(c) K	
		MAX	MIN	MAX	MIN
NO. 2	.086	.031	.023	.044	.037
NO. 3	.099	.033	.027	.053	.040
NO. 4	.112	.039	.031	.058	.044
NO. 5	.125	.043	.036	.063	.047
NO. 6	.138	.048	.039	.068	.051
NO. 8	.164	.054	.045	.077	.058
NO. 10	.190	.060	.050	.087	.065
NO. 12	.216	.067	.056	.096	.073
NO. 14	.242	.075	.064	.106	.084
NO. 16	.268	.075	.064	.115	.087

(b) FOR GAGING OF THESE TYPES OF RECESS, SEE THE 1950 SUPPLEMENT TO HANDBOOK H28 SCREW THREADS FOR FEDERAL SERVICES 1944.

(c) CANCELLED AFTER 19 SEPT 1981 SUPERSEDED BY

MS 35493 & MS 35495

MATERIAL: BRASS AND STEEL

FINISH: STEEL, CADMIUM PLATE, SPECIFICATION QQ-P-416, TYPE I, CLASS 3 OR ZINC PLATE, SPECIFICATION QQ-Z-325. BRASS, NONE.

ADD R BETWEEN FIRST AND SECOND DASH NUMBERS FOR RECESSED HEAD SCREWS.

EXAMPLES OF PART NUMBERS: AN545-10-10 = NO. 10 SLOTTED HEAD STEEL SCREW, 1-1/4 INCHES LONG.
 AN545B10-10 = NO. 10 SLOTTED HEAD BRASS SCREW, 1-1/4 INCHES LONG.
 AN545-10R10 = NO. 10 RECESSED HEAD STEEL SCREW, 1-1/4 INCHES LONG.
 AN545B10R10 = NO. 10 RECESSED HEAD BRASS SCREW, 1-1/4 INCHES LONG.

SCREWS SHALL BE FREE OF ALL LOOSE OR HANGING BURRS OR SLIVERS WHICH MIGHT BECOME DISLODGED UNDER USAGE.

DIMENSIONS IN INCHES.

IN CASE OF CONFLICT, THE REQUIREMENTS SPECIFIED HEREON SHALL TAKE PRECEDENCE OVER THE REQUIREMENTS SPECIFIED IN SPECIFICATION FF-S-111.

(d) (c) TYPE II RECESSED AND SLOTTED HEAD SCREWS INACTIVE FOR DESIGN AFTER 17 FEBRUARY 1959. (e) DENOTES CHANGES

PROCUREMENT
SPECIFICATION

AIR FORCE-NAVY AERONAUTICAL STANDARD

FF-S-111

SCREW, WOOD, ROUND HEAD

AN545

SHEET 1 OF 2

U. S. GOVERNMENT PRINTING OFFICE: 196706

APPROVED 17 May 43 REVISED 1 28 Sep 46 2 25 May 50 3 4 May 53 4 17 Feb 59 5 19 SEP 1981