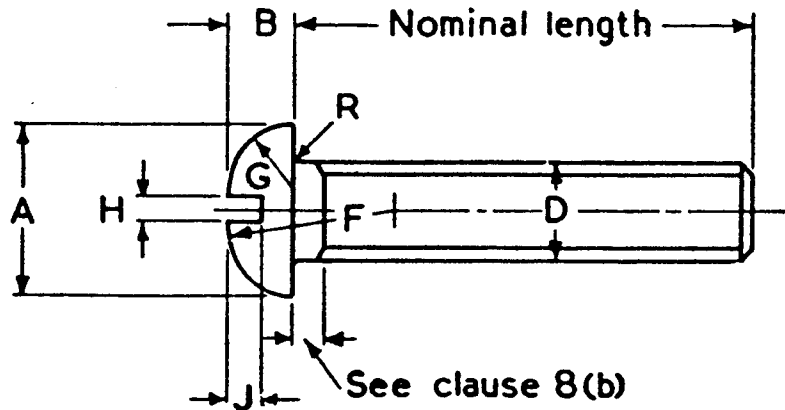


TABLE 2. ROUND HEAD SCREWS



UNCONTROLLED COPY
FASTENINGS

Fig. 3. Round head screw

1	2	3	4	5	6	7	8	9	10	11	12	13
B.A. No.		Diameter of shank and major diameter of thread D		Diameter of head A		Depth of head B		Radius under head R	Radius of head F	Slot		
										Width H		Depth J
		max.	max.	min.	max.	min.	max.	approx.	max.	min.	nom.	
		mm.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Preferred	2	4.7	0.185	0.319	0.309	0.130	0.123	0.015	0.319	0.052	0.044	0.071
	4	3.6	0.142	0.252	0.242	0.101	0.095	0.010	0.252	0.040	0.034	0.056
	6	2.8	0.110	0.194	0.184	0.078	0.073	0.010	0.194	0.033	0.027	0.043
	8	2.2	0.087	0.157	0.147	0.063	0.059	0.010	0.157	0.030	0.024	0.035
	10	1.7	0.067	0.112	0.107	0.045	0.041	0.007	0.112	0.024	0.019	0.025
Second choice	0*	6.0	0.236	0.413	0.403	0.167	0.159	0.015	0.413	0.064	0.056	0.092
	1	5.3	0.209	0.366	0.356	0.148	0.141	0.015	0.366	0.058	0.050	0.081
	3	4.1	0.161	0.283	0.273	0.113	0.107	0.015	0.283	0.047	0.039	0.062
	5	3.2	0.126	0.221	0.211	0.088	0.083	0.010	0.221	0.040	0.034	0.048
Not normally stocked	7	2.5	0.098	0.173	0.163	0.069	0.064	0.010	0.173	0.033	0.027	0.038
	9	1.9	0.075	0.128	0.123	0.052	0.048	0.007	0.128	0.030	0.024	0.029
	11	1.5	0.059	0.110	0.105	0.045	0.041	0.005	0.110	0.024	0.019	0.025
	12	1.3	0.051	0.095	0.090	0.038	0.035	0.005	0.095	0.020	0.015	0.021
	13	1.2	0.047	0.081	0.076	0.032	0.029	0.005	0.081	0.020	0.015	0.018
	14	1.0	0.039	0.064	0.059	0.026	0.023	0.003	0.064	0.015	0.011	0.014
	15	0.9	0.035	0.064	0.059	0.026	0.023	0.003	0.064	0.015	0.011	0.014
16	0.79	0.031	0.058	0.054	0.023	0.020	0.003	0.058	0.013	0.009	0.013	

* It is recommended that 1/4 in. B.S.F. screws to B.S. 450, 'Bright countersunk, round and cheese head screws (B.S.W. and B.S.F.),' be used in preference to O.B.A.

NOTE 1. If the slot is produced by plunge milling, dimension J is measured from the upper surface of the head to the point at which the slot breaks out on the surface of the head.

NOTE 2. Shape of head. The shape of the head shall closely approximate to a half-ellipse. Radius G (struck off the underside of the head) must pass through diameter A and touch radius F.

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