

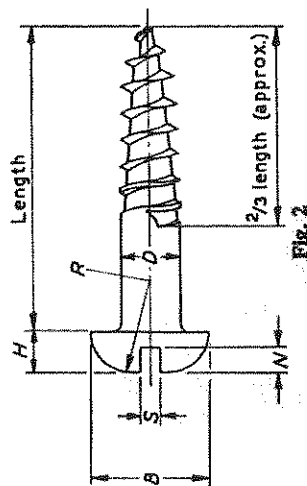
TABLE 8. SLOTTED ROUND HEAD WOOD SCREWS
(FOR STANDARD SIZES SEE TABLES 9 TO 13)

Fig. 2

1	2	3	4	5	6	7	8	9	10	11	12	13
Size of screw and diameter of unthreaded shank				Number of threads per inch	Diameter of head		Depth of head		Radius of head R^*	Slot		
Screw gauge	D				B		H			Width S		Depth $N^†$
	Nom.	Max.	Min.		Max.	Min.	Max.	Min.		Max.	Min.	
0	0.060	0.061	0.058	30	0.116	0.108	0.045	0.040	0.091	0.023	0.016	0.025
1	0.070	0.073	0.067	28	0.140	0.132	0.053	0.048	0.111	0.028	0.021	0.030
2	0.082	0.085	0.078	26	0.164	0.154	0.062	0.056	0.132	0.033	0.026	0.034
3	0.094	0.097	0.090	24	0.189	0.179	0.071	0.065	0.150	0.038	0.030	0.040
4	0.108	0.113	0.104	22	0.215	0.205	0.081	0.073	0.173	0.040	0.032	0.045
5	0.122	0.127	0.117	20	0.241	0.231	0.090	0.082	0.191	0.045	0.035	0.051
6	0.136	0.141	0.131	18	0.267	0.256	0.100	0.090	0.207	0.050	0.040	0.056
7	0.150	0.155	0.145	16	0.293	0.281	0.109	0.099	0.228	0.050	0.040	0.063
8	0.164	0.169	0.159	14	0.319	0.306	0.118	0.107	0.244	0.055	0.045	0.068
9	0.178	0.183	0.173	12	0.345	0.331	0.127	0.116	0.263	0.055	0.045	0.074
10	0.192	0.197	0.186	12	0.372	0.357	0.136	0.125	0.284	0.060	0.050	0.079
12	0.220	0.225	0.212	10	0.424	0.407	0.154	0.142	0.323	0.065	0.055	0.091
14	0.248	0.253	0.238	9	0.476	0.457	0.171	0.159	0.373	0.075	0.065	0.103
16	0.276	0.281	0.266	8	0.529	0.508	0.190	0.176	0.433	0.075	0.065	0.114
18	0.304	0.309	0.294	7½	0.580	0.557	0.207	0.192	0.474	0.085	0.075	0.126
20	0.332	0.337	0.322	7	0.632	0.607	0.226	0.210	0.527	0.085	0.075	0.137
24	0.388	0.393	0.378	6	0.743	0.714	0.265	0.246	0.652	0.095	0.085	0.161

* The shape of the head should closely approximate to a half-ellipse but it should be noted that except for the radius 'R' it is impossible to control this shape accurately as it is dependent upon the flow of metal which occurs during forging.

† Dimension 'N' is measured from the top of the head to the point at which the slot breaks through.

TABLE 8M. METRIC EQUIVALENTS OF TABLE 8

NOTE. The metric conversions are approximate; the figures in British units in Table 8 are to be regarded as the standard.

1	2	3	4	5	6	7	8	9	10	11	12	13
Size of screw and diameter of unthreaded shank				Number of threads per cm	Diameter of head		Depth of head		Radius of head R*	Slot		
Screw gauge	D				B		H			Width S		Depth N†
	Nom.	Max.	Min.		Max.	Min.	Max.	Min.		Max.	Min.	
0	1.52	1.55	1.47	12	2.95	2.74	1.14	1.02	2.31	0.58	0.41	0.64
1	1.78	1.85	1.70	11	3.56	3.35	1.35	1.22	2.82	0.71	0.53	0.76
2	2.08	2.16	1.98	10	4.17	3.91	1.57	1.42	3.35	0.84	0.66	0.86
3	2.39	2.46	2.29	9½	4.80	4.55	1.80	1.65	3.81	0.97	0.76	1.02
4	2.74	2.87	2.64	8½	5.46	5.21	2.06	1.85	4.39	1.02	0.81	1.14
5	3.10	3.23	2.97	8	6.12	5.87	2.29	2.08	4.85	1.14	0.89	1.30
6	3.45	3.58	3.33	7	6.78	6.50	2.54	2.29	5.26	1.27	1.02	1.42
7	3.81	3.94	3.68	6½	7.44	7.14	2.77	2.51	5.79	1.27	1.02	1.60
8	4.17	4.29	4.04	5½	8.10	7.77	3.00	2.72	6.20	1.40	1.14	1.73
9	4.52	4.65	4.39	4½	8.76	8.41	3.23	2.95	6.68	1.40	1.14	1.88
10	4.88	5.00	4.72	4¼	9.45	9.07	3.45	3.18	7.21	1.52	1.27	2.01
12	5.59	5.72	5.38	4	10.77	10.34	3.91	3.61	8.20	1.65	1.40	2.31
14	6.30	6.43	6.05	3½	12.09	11.61	4.34	4.04	9.47	1.91	1.65	2.62
16	7.01	7.14	6.76	3	13.44	12.90	4.83	4.47	11.00	1.91	1.65	2.90
18	7.72	7.85	7.47	3	14.73	14.15	5.26	4.88	12.04	2.16	1.91	3.20
20	8.43	8.56	8.18	2½	16.05	15.42	5.74	5.33	13.39	2.16	1.91	3.48
24	9.86	9.98	9.60	2¼	18.87	18.14	6.73	6.25	16.36	2.41	2.16	4.09

* The shape of the head should closely approximate to a half-ellipse but it should be noted that except for the radius 'R' it is impossible to control this shape accurately as it is dependent upon the flow of metal which occurs during forging.

† Dimension 'N' is measured from the top of the head to the point at which the slot breaks through.