

BSW

Size	O/D	T.P.I.	Recommended Tapping Drill Size		Low engagement Drill Size		Clearance Drill Size		Core Diam.	Core Area
			Imperial	Metric	Imperial	Metric	Imperial	Metric		
1/8	0.125	40	40	2.45	37	2.65	30	3.3	0.093	0.0068
5/32	0.156	32	1/8	3.2	30	3.3	22	4	0.116	0.0106
3/16	0.188	24	27	3.6	24	3.9	11	4.9	0.134	0.0141
7/32	0.219	24	20	4.1	14	4.7	2	5.7	0.154	0.0186
1/4	0.250	20	8	5.1	5	5.3	F	6.6	0.186	0.0272
5/16	0.313	18	1/4	6.5	H	6.7	O	8.2	0.241	0.0456
3/8	0.375	16	5/16	8	P	8.2	V	9.7	0.295	0.0683
7/16	0.438	14	23/64	9.25	3/8	9.5	29/64	11.5	0.346	0.0940
1/2	0.500	12	Z	10.5	27/64	10.7	33/64	13.5	0.393	0.1213
9/16	0.563	12	15/32	12.1	31/64	12.4	37/64	15	0.456	0.1633
5/8	0.625	11	17/32	13.5	na	13.8	41/64	16.5	0.509	0.2035
3/4	0.750	10	41/64	16.25	na	16.75	49/64	19.5	0.622	0.3039
7/8	0.875	9	3/4	19.25	na	19.5	57/64	23	0.733	0.4220
1	1.000	9	55/64	22	na	22.5	1 1/64	26	0.84	0.5542
1 1/4	1.250	7	1 3/32	27.5			1 17/64	32	1.067	0.8942
1 1/2	1.500	6	1 5/16	33.5			1 33/64	39	1.286	1.2989
1 3/4	1.750	5	1 17/32	39			1 57/64	48	1.494	1.7530
2	2.000	4.5	1 3/4	44.5			2 1/64	51.5	1.715	2.3100

Size	Across flats	Across corners	Head height	Nut thickness
1/8	0.338	0.392	0.109	0.125
5/32	0.36	0.418	0.137	0.156
3/16	0.448	0.52	0.164	0.187
7/32	0.453	0.525	0.193	0.218
1/4	0.525	0.61	0.22	0.25
5/16	0.601	0.694	0.273	0.312
3/8	0.71	0.82	0.33	0.375
7/16	0.82	0.947	0.363	0.467
1/2	0.92	1.06	0.44	0.5
9/16	1.011	1.167	0.492	0.562
5/8	1.1	1.27	0.55	0.625
3/4	1.3	1.5	0.66	0.75
7/8	1.48	1.71	0.77	0.88
1	1.67	1.93	0.88	1
1 1/4	2.05	2.37	1.09	1.25
1 1/2	2.41	2.78	1.31	1.5
1 3/4	2.75	3.19	1.53	1.75
2	3.15	3.64	1.75	

Size varies

Size varies