



# TECHNICAL DATA

## TAP THREAD LIMIT STANDARDS AND DIMENSIONS

### Special Taps

Table 331

Threads Per Inch	A		B		C			D				
	To 5/8" Incl.	Over 5/8" to 2 1/2" Incl.	To 1" Incl.	Over 1" to 1 1/2" Incl.	Over 1 1/2" to 2 1/2" Incl.	Over 2 1/2" (Inches)	To 5/8" Incl.	Over 5/8" to 2 1/2" Incl.	To 1" Incl.	Over 1" to 1 1/2" Incl.	Over 1 1/2" to 2 1/2" Incl.	Over 2 1/2" (Inches)
80	.0015	.0010	.0005	.0010	.0015	.0005	.0010	.0010	.0010	.0010	.0010	.0015
56	.0015	.0010	.0005	.0010	.0015	.0005	.0010	.0010	.0010	.0010	.0010	.0015
48	.0020	.0010	.0005	.0010	.0015	.0005	.0010	.0010	.0010	.0010	.0010	.0015
44	.0020	.0010	.0005	.0010	.0015	.0005	.0010	.0010	.0010	.0010	.0010	.0015
40	.0025	.0010	.0005	.0010	.0015	.0005	.0010	.0010	.0010	.0010	.0010	.0015
36	.0025	.0010	.0005	.0010	.0015	.0005	.0010	.0010	.0010	.0010	.0010	.0015
32	.0030	.0010	.0010	.0010	.0015	.0005	.0010	.0010	.0010	.0010	.0010	.0015
28	.0035	.0010	.0010	.0010	.0015	.0005	.0010	.0010	.0010	.0010	.0010	.0015
24	.0040	.0010	.0010	.0010	.0015	.0005	.0010	.0010	.0010	.0010	.0015	.0015
20	.0050	.0010	.0010	.0010	.0015	.0005	.0010	.0010	.0010	.0010	.0015	.0015
18	.0055	.0010	.0010	.0010	.0015	.0005	.0010	.0010	.0010	.0010	.0015	.0015
16	.0060	.0010	.0010	.0010	.0015	.0005	.0010	.0010	.0010	.0010	.0015	.0020
14	.0070	.0010	.0010	.0010	.0015	.0005	.0010	.0010	.0010	.0010	.0015	.0020
13	.0075	.0010	.0010	.0010	.0015	.0005	.0010	.0010	.0010	.0010	.0015	.0020
12	.0075	.0010	.0010	.0010	.0015	.0005	.0010	.0010	.0010	.0010	.0015	.0020
11	.0080	.0010	.0010	.0010	.0015	.0020	.0005	.0010	.0010	.0010	.0015	.0020
10	.0090	.0015	—	.0015	.0020	.0005	.0010	.0010	.0010	.0010	.0015	.0020
9	.0100	.0015	—	.0015	.0020	.0005	.0010	.0010	.0010	.0010	.0015	.0020
8	.0110	.0015	—	.0015	.0020	.0005	.0010	.0010	.0010	.0010	.0015	.0020
7	.0120	.0020	—	.0015	.0020	.0010	.0010	.0010	.0010	.0010	.0020	.0025
6	.0140	.0020	—	.0015	.0020	.0010	.0010	.0010	.0010	.0010	.0020	.0025
5	.0160	.0025	—	.0015	.0020	.0010	.0010	.0010	.0010	.0010	.0020	.0025
5 1/2	.0160	.0025	—	.0015	.0020	.0010	.0010	.0010	.0010	.0010	.0020	.0025
4	.0190	.0025	—	.0015	.0020	.0010	.0010	.0010	.0010	.0010	.0020	.0025
4 1/2	.0170	.0025	—	.0015	.0020	.0010	.0010	.0010	.0010	.0010	.0020	.0025

### Metric ISO

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P Pitch mm	W (Inches)	X (Inches)	Y				Z				
			M1.6 to M6.3 Incl. (Inches)	Over M6.3 to M25 Incl. (Inches)	Over M25 to M90 Incl. (Inches)	Over M90 (Inches)	M1.6 to M6.3 Incl. (Inches)	Over M6.3 to M25 Incl. (Inches)	Over M25 to M90 Incl. (Inches)	Over M90 (Inches)	
0.3	.01181	.0009	.0010	.0015	.0015	.0020	.0020	.0006	.0006	.0008	.0008
0.35	.01378	.0011	.0010	.0015	.0015	.0020	.0020	.0006	.0006	.0008	.0008
0.4	.01575	.0013	.0010	.0015	.0020	.0020	.0020	.0006	.0006	.0008	.0010
0.45	.01772	.0014	.0010	.0015	.0020	.0020	.0020	.0006	.0006	.0008	.0010
0.5	.01968	.0016	.0010	.0015	.0020	.0020	.0025	.0006	.0006	.0008	.0010
0.6	.02362	.0019	.0010	.0020	.0020	.0025	.0025	.0008	.0008	.0010	.0010
0.7	.02756	.0022	.0016	.0020	.0020	.0025	.0025	.0008	.0008	.0010	.0010
0.75	.02953	.0024	.0016	.0020	.0025	.0025	.0030	.0008	.0010	.0010	.0012
0.8	.03150	.0025	.0016	.0020	.0025	.0025	.0030	.0008	.0010	.0010	.0012
0.9	.03543	.0028	.0016	.0020	.0025	.0025	.0030	.0008	.0010	.0010	.0012
1	.03937	.0032	.0016	.0025	.0025	.0030	.0030	.0010	.0010	.0012	.0012
1.25	.04921	.0039	.0025	.0025	.0025	.0030	.0035	.0010	.0012	.0012	.0016
1.5	.05906	.0047	.0025	.0025	.0030	.0030	.0035	.0010	.0012	.0012	.0016
1.75	.06890	.0055	.0025	—	.0030	.0035	.0040	—	.0012	.0016	.0016
2	.07874	.0063	.0025	—	.0035	.0035	.0040	—	.0016	.0016	.0016
2.5	.09843	.0079	.0025	—	.0035	.0040	.0045	—	.0016	.0016	.0020
3	.11811	.0095	.0039	—	.0040	.0040	.0050	—	.0016	.0020	.0020
3.5	.13780	.0110	.0039	—	.0040	.0045	.0050	—	.0016	.0020	.0020
4	.15748	.0126	.0039	—	.0040	.0045	.0055	—	.0020	.0020	.0025
4.5	.17717	.0142	.0039	—	—	.0050	.0055	—	.0020	.0020	.0025
5	.19685	.0158	.0039	—	—	.0050	.0060	—	—	.0025	.0025
5.5	.21654	.0173	.0039	—	—	.0055	.0060	—	—	.0025	.0025
6	.23622	.0189	.0039	—	—	.0055	.0060	—	—	.0025	.0025