

螺 丝 攻 牙 钻 孔 径 对 照 表

公制粗牙螺纹				
规 格	标准径	2级牙钻孔径		
		最大	最小	
M1.0 0.25	0.75	0.785	0.729	
M1.1 0.25	0.85	0.885	0.829	
M1.2 0.25	0.95	0.985	0.929	
M1.4 0.3	1.10	1.142	1.075	
M1.6 0.35	1.25	1.321	1.221	
M1.7 0.35	1.35	1.421	1.321	
M1.8 0.35	1.45	1.521	1.421	
M2.0 0.4	1.60	1.679	1.567	
M2.2 0.45	1.75	1.838	1.713	
M2.3 0.4	1.90	1.979	1.867	
M2.5 0.45	2.10	2.138	2.013	
M2.6 0.45	2.20	2.238	2.113	
M3.0 0.5	2.50	2.599	2.459	
M3.5 0.6	2.90	3.010	2.850	
M4.0 0.7	3.30	3.422	3.242	
M4.5 0.75	3.80	3.878	3.688	
M5.0 0.8	4.20	4.334	4.134	
M6.0 1.0	5.00	5.153	4.917	
M7.0 1.0	6.00	6.153	5.917	
M8.0 1.25	6.80	6.912	6.647	
M9.0 1.25	7.80	7.912	7.647	
M10 1.5	8.50	8.676	8.376	
M11 1.5	9.50	9.676	9.376	
M12 1.75	10.30	10.441	10.106	
M14 2.0	12.00	12.210	11.835	
M16 2.0	14.00	14.210	13.835	
M18 2.5	15.50	15.744	15.294	
M20 2.5	17.50	17.744	17.294	
M22 2.5	19.50	19.744	19.294	
M24 3.0	21.00	21.252	20.753	
M27 3.0	24.00	24.252	23.752	
M30 3.5	26.50	26.771	26.211	
M33 3.5	29.50	29.771	29.211	
M36 4.0	32.00	32.270	31.670	
M39 4.0	35.00	35.270	34.670	

公制细牙螺纹				
规 格	标准径	2级牙钻孔径		
		最大	最小	
M1.0 0.2	0.80	0.821	0.783	
M1.1 0.2	0.90	0.921	0.883	
M1.2 0.2	1.00	1.021	0.983	
M1.4 0.2	1.20	1.221	1.183	
M1.6 0.2	1.40	1.421	1.383	
M1.7 0.2	1.45	1.500	1.460	
M1.8 0.2	1.60	1.621	1.583	
M2.0 0.25	1.75	1.785	1.729	
M2.2 0.25	1.95	1.985	1.929	
M2.3 0.25	2.05	2.061	2.001	
M2.5 0.35	2.20	2.221	2.121	
M2.6 0.35	2.20	2.246	2.186	
M3.0 0.35	2.70	2.721	2.621	
M3.5 0.35	3.20	3.221	3.121	

公制细牙螺纹				
规 格	标准径	2级牙钻孔径		
		最大	最小	
M4.0 0.5	3.50	3.599	3.459	
M4.5 0.5	4.00	4.099	3.959	
M5.0 0.5	4.50	4.599	4.459	
M5.5 0.5	5.00	5.099	4.959	
M6.0 0.75	5.30	5.378	5.188	
M6.0 0.5	5.50	5.550	5.400	
M7.0 0.75	6.30	6.378	6.188	
M7.0 0.5	6.50	6.550	6.400	
M8.0 1.0	7.00	7.153	6.917	
M8.0 0.75	7.30	7.378	7.188	
M8.0 0.5	7.50	7.520	7.400	
M9.0 1.0	8.00	8.153	7.917	
M9.0 0.75	8.30	8.378	8.188	
M10 1.25	8.80	8.912	8.647	
M10 1.0	9.00	9.153	8.917	
M10 0.75	9.30	9.378	9.188	
M10 0.5	9.50	9.520	9.400	
M11 1.0	10.00	10.153	9.917	
M11 0.75	10.30	10.378	10.188	
M12 1.5	10.50	10.676	10.376	
M12 1.25	10.80	10.912	10.647	
M12 1.0	11.00	11.153	10.917	
M12 0.5	11.50	11.520	11.400	
M14 1.5	12.50	12.676	12.376	
M14 1.0	13.00	13.153	12.917	
M15 1.5	13.50	13.676	13.376	
M15 1.0	14.00	14.153	13.917	
M16 1.5	14.50	14.676	14.376	
M16 1.0	15.00	15.153	14.917	
M17 1.5	15.50	15.676	15.376	
M17 1.0	16.00	16.153	15.917	
M18 2.0	16.00	16.210	15.835	
M18 1.5	16.50	16.676	16.376	
M18 1.0	17.00	17.153	16.917	
M20 2.0	18.00	18.210	17.835	
M20 1.5	18.50	18.676	18.376	
M20 1.0	19.00	19.153	18.917	
M22 2.0	20.00	20.210	19.835	
M22 1.5	20.50	20.676	20.376	
M22 1.0	21.00	21.153	20.917	
M24 2.0	22.00	22.210	21.835	
M24 1.5	22.50	22.676	22.376	
M24 1.0	23.00	23.153	22.917	
M25 2.0	23.00	23.210	22.835	
M25 1.5	23.50	23.676	23.376	
M25 1.0	24.00	24.153	23.917	
M26 1.5	24.50	24.676	24.376	
M27 2.0	25.00	25.210	24.835	
M27 1.5	25.50	25.676	25.376	
M27 1.0	26.00	26.153	25.917	
M28 2.0	26.00	26.210	25.835	
M28 1.5	26.50	26.676	26.376	
M28 1.0	27.00	27.153	26.917	
M30 3.0	27.00	27.252	26.752	

公制细牙螺纹				
规 格	标准径	2级牙钻孔径		
		最大	最小	
M30 2.0	28.00	28.210	27.835	
M30 1.5	28.50	28.676	28.376	
M30 1.0	29.00	29.153	28.917	
M32 2.0	30.00	30.210	29.835	
M32 1.5	30.50	30.676	30.376	
M33 3.0	30.00	30.252	29.752	
M33 2.0	31.00	31.210	30.835	
M33 1.5	31.50	31.676	31.376	
M35 1.5	33.50	33.676	33.376	
M36 3.0	33.00	33.252	32.752	
M36 2.0	34.00	34.210	33.835	
M36 1.5	34.50	34.676	34.376	

美制粗牙螺纹				
规 格	标准径	2级牙钻孔径		
		最大	最小	
No. 1-64 (1.854)	1.55	1.582	1.425	
No. 2-56 (2.184)	1.80	1.871	1.695	
No. 3-48 (2.515)	2.10	2.146	1.941	
No. 4-40 (2.845)	2.30	2.385	2.157	
No. 5-40 (3.175)	2.60	2.697	2.487	
No. 6-32 (3.505)	2.80	2.895	2.642	
No. 8-32 (4.166)	3.40	3.530	3.302	
No. 10-24 (4.826)	3.90	3.962	3.683	
No. 12-24 (5.486)	4.50	4.597	4.334	
1/4 -20	5.10	5.257	4.979	
5/16 -18	6.60	6.731	6.401	
3/8 -16	8.00	8.153	7.798	
7/16 -14	9.40	9.550	9.144	
1/2 -13	10.90	11.023	10.592	
9/16 -12	12.20	12.446	11.989	
5/8 -11	13.60	13.868	13.386	
3/4 -10	16.60	16.840	16.307	
7/8 -9	19.60	19.761	19.177	
1 -8	22.30	22.606	21.971	
1-1/8 -7	25.00	25.349	24.638	
1-1/4 -7	28.20	28.524	27.813	
1-3/8 -6	30.80	31.115	30.353	
1-1/2 -6	34.00	34.290	33.528	
1-3/4 -5	39.50	39.827	38.964	
2-4 1/2	45.20	45.593	44.679	

美制细牙螺纹				
规 格	标准径	2级牙钻孔径		
		最大	最小	
No. 0-80 (1.524)	1.25	1.305	1.182	
No. 1-72 (1.854)	1.55	1.612	1.474	
No. 2-64 (2.184)	1.85	1.912	1.756	
No. 3-56 (2.515)	2.10	2.197	2.025	
No. 4-48 (2.845)	2.40	2.458	2.271	
No. 5-44 (3.175)	2.70	2.740	2.551	
No. 6-40 (3.505)	2.90	3.022	2.820	

美制细牙螺纹			
规 格	标准径	2级牙钻孔径	
		最大	最小
No. 8-36 (4.166)	3.50	3.606	3.404
No. 10-32 (4.826)	4.10	4.165	3.963
No. 12-28 (5.486)	4.60	4.724	4.496
1/4 -28	5.50	5.588	5.360
5/16 -24	6.90	7.035	6.782
3/8 -24	8.50	8.636	8.382
7/16 -20	9.90	10.033	9.729
1/2 -20	11.50	11.607	11.329
9/16 -18	12.90	13.081	12.751
5/8 -18	14.50	14.681	14.351
3/4 -16	17.50	17.678	17.323
7/8 -14	20.50	20.675	20.270
1 -12	23.30	23.571	13.114
1-1/8 -12	26.50	26.746	26.289
1-1/4 -12	29.60	29.921	29.464
1-3/8 -12	32.80	33.096	32.639
1-1/2 -12	36.00	36.271	35.814

美制特细牙螺纹			
规 格	标准径	2级牙钻孔径	
		最大	最小
No. 12 -32	4.70	4.826	4.623
1/4 -32	5.60	5.689	5.487
5/16 -32	7.10	7.264	7.087
3/8 -32	8.70	8.864	8.662
7/16 -28	10.20	10.337	10.135
1/2 -28	11.80	11.938	11.710
9/16 -24	13.20	13.385	13.132
5/8 -24	14.80	14.968	14.732
3/4 -20	17.80	17.957	17.679
7/8 -20	21.00	21.132	20.854
1 -20	24.10	24.307	24.029

美制（粗）挤牙丝攻钻孔径			
规 格	精度	最大	最小
1 -64UNC	G5	1.76	1.68
2 -56	G4	2.04	1.96
3 -48	G4	2.35	2.25
4 -40	G5	2.64	2.54
5 -40	G5	2.97	2.87
6 -32	G5	3.22	3.11
8 -32	G6	3.89	3.78
10 -24	G6	4.44	4.30
12 -24	G6	5.07	4.96
1/4" -20	G7	5.86	5.73
5/16" -18	G7	7.38	7.23
3/8" -16	G7	8.89	8.72
7/16" -14	G8	10.40	10.02
1/2" -13	G8	11.92	11.70
9/16" -12	G10	13.27	13.14

美制（粗）挤牙丝攻钻孔径				
规 格	精度	最大	最小	
5/8" -11	G11	14.76	14.62	
3/4" -10	G12	17.88	17.67	
7/8" -9	G12	20.85	20.68	
1" -8	G13	23.84	23.65	

美制（细）挤牙丝攻钻孔径				
0	-80UNF	G5	1.45	1.39
1	-72	G5	1.77	1.70
2	-64	G4	2.06	1.98
3	-56	G4	2.37	2.29
4	-48	G5	2.68	2.59
5	-44	G5	2.99	2.90
6	-40	G5	3.29	3.19
8	-36	G5	3.91	3.81
10	-32	G6	4.53	4.44
12	-28	G6	5.13	5.03
1/4"	-28	G7	6.00	5.91
5/16"	-24	G7	7.53	7.42
3/8"	-24	G7	9.10	8.99
7/16"	-20	G8	10.62	10.48
1/2"	-20	G8	12.20	12.06
9/16"	-18	G9	13.66	13.55
5/8"	-18	G9	15.25	15.14
3/4"	-16	G10	18.32	18.22
7/8"	-18	G11	21.38	21.27
1"	-12	G12	24.41	24.28