

内螺纹底孔表

公制粗牙螺纹

Metric Coarse Screw Threads

(单位: mm)

Tap size	Class 1	%	Class 2	%	Class 3	%
M 1 × 0.25	0.77	85	0.78	80		
M 1.1 × 0.25	0.87		0.88			
M 1.2 × 0.25	0.97		0.98			
M 1.4 × 0.3	1.12		1.14			
M 1.6 × 0.35	1.30		1.32			
M 1.7 × 0.35	1.40		1.42			
M 1.8 × 0.35	1.50	1.52	75			
M 2 × 0.4	1.65	1.67				
M 2.2 × 0.45	1.81	1.82				
M 2.3 × 0.4	1.95	1.97				
M 2.5 × 0.45	2.11	2.12				
M 2.6 × 0.45	2.21	2.22				
M 3 × 0.6	2.42	90	2.42	90	2.42	90
M 3 × 0.5	2.57	80	2.59	75	2.59	75
M 3.5 × 0.6	2.95	85	3.01		3.05	70
M 4 × 0.75	3.23	95	3.31	85	3.31	85
M 4 × 0.7	3.36		3.39	80	3.43	75
M 4.5 × 0.75	3.81		3.85		3.89	
M 5 × 0.9	4.07		4.17	85	4.17	85
M 5 × 0.8	4.26		4.31	80	4.35	75
M 5.5 × 0.9	4.57	85	4.67	85	4.67	85
M 6 × 1	5.08		5.13	80	5.19	75
M 7 × 1	6.08		6.13		6.19	
M 8 × 1.25	6.85		6.85		6.92	
M 9 × 1.25	7.85		7.85		7.92	
M 10 × 1.5	8.54		8.62		8.7	
M 11 × 1.5	9.54		9.62		9.7	80
M 12 × 1.75	10.30		10.4		10.5	
M 14 × 2	12.10		12.2	85	12.3	
M 16 × 2	14.10		14.2		14.3	
M 18 × 2.5	15.60		15.7		15.7	
M 20 × 2.5	17.60		17.7		17.7	
M 22 × 2.5	19.60		19.7		19.7	
M 24 × 3	21.10	90	21.2		21.2	
M 27 × 3	24.10		24.2		24.2	
M 30 × 3.5	26.60		26.6		26.8	85
M 33 × 3.5	29.60		29.6		29.8	
M 36 × 4	32.10		32.1		32.3	
M 39 × 4	35.10		35.1	90	35.3	
M 42 × 4.5	37.60		37.6		37.9	
M 45 × 4.5	40.60		40.6		40.9	
M 48 × 5	43.10		43.1		43.4	

公制幼牙螺纹

Metric fine Screw Threads

(单位: mm)

Tap size	Class 1	%	Class 2	%	Class 3	%
M 1	0.82	85				
M 1.1	0.92					
M 1.2	1.02					
M 1.4 × 0.2	1.22					
M 1.6	1.42					
M 1.7	1.49		95			
M 1.8	1.62	85				
M 2	1.78					
M 2.2 × 0.25	1.98	80				
M 2.3	2.06	90	2.06	90		

公制幼牙螺纹

Metric fine Screw Threads

(单位: mm)

Tap size	Class 1	%	Class 2	%	Class 3	%
M 2.5	2.20	80	2.22	75		
M 2.6 × 0.35	2.24	95	2.24	95	2.24	95
M 3	2.70		2.72			
M 3.5	3.20		3.22			
M 4	3.57	80	3.59	75	3.62	70
M 4.5 × 0.5	4.07		4.09			
M 5	4.57		4.59			
M 5.5	5.07		5.09			
M 6 × 0.75	5.31	85	5.35	80	5.43	
M 6 × 0.5	5.54		5.54	85		
M 7 × 0.75	6.31	85	6.35	80	6.39	75
M 7 × 0.5	6.54		6.54	85		
M 8 × 1	7.08	85	7.13	80	7.19	75
M 8 × 0.75	7.31		7.35	80	7.39	
M 8 × 0.5	7.51	90	7.54	85		
M 9 × 1	8.08	85	8.13	80	8.19	75
M 9 × 0.75	8.31		8.35	85	8.39	
M 9 × 0.5	8.51	90	8.54			
M 10 × 1.25	8.85	85	8.85		8.98	75
M 10 × 1	9.08		9.13	80	9.19	
M 10 × 0.75	9.31		9.35	80		
M 10 × 0.5	9.51	90	9.54	85		
M 10 × 1.25	9.78	85	9.78	90	9.78	90
M 11 × 1	10.08		10.13	80	10.19	75
M 11 × 0.75	10.31	10.35		10.39		
M 12 × 1.5	10.54	90	10.62	85	10.7	80
M 12 × 1.25	10.85	85	10.85		10.98	75
M 12 × 1	11.08		11.13	80	11.19	
M 13 × 1.5	11.54	90	11.54	90	11.54	90
M 13 × 1	12.03		12.03		12.03	
M 14 × 1.5	12.54		12.62	85	12.07	80
M 14 × 1	13.08	85	13.13	80	13.19	75
M 15 × 1.5	13.54	90	13.62	85	13.7	80
M 15 × 1	14.08	85	14.13	80	14.19	75
M 16 × 1.5	14.54	90	14.62	85	14.7	80
M 16 × 1	15.08	85	15.13	80	15.19	75
M 17 × 1.5	15.54	90	15.62	85	15.7	80
M 17 × 1	16.08	85	16.13	80	16.19	75
M 18 × 2	16.10	90	16.2	85	16.3	80
M 18 × 1.5	16.54		16.62		16.7	
M 18 × 1	17.08	85	17.13	80	17.19	75
M 20 × 2	18.10	90	18.2	85	18.3	80
M 20 × 1.5	18.54		18.62		18.7	
M 20 × 1	19.08	85	19.13	80	19.19	76
M 22 × 2	20.10	90	20.2	85	20.3	80
M 22 × 1.5	20.54		20.62		20.7	
M 22 × 1	21.08	85	21.13	80	21.19	75
M 24 × 2						
M 24 × 1.5						
M 24 × 1						
M 25 × 2	23.10	90	23.2	85	23.3	80
M 25 × 1.5	23.54		23.62		23.7	
M 25 × 1	24.08	85	24.13	80	24.19	75
M 26 × 2	23.90	95	23.9	95	23.9	95
M 26 × 1.5	24.54	90	24.62	85	24.7	80
M 26 × 1	25.03		25.03	90	25.03	90

内螺纹底孔表

公制螺纹

Metric fine Screw Threads

(单位: mm)

Tap size	Class 1	%	Class 2	%	Class 3	%	
27	× 2	25.10	90	25.2	85	25.3	80
	× 1.5	25.54		25.62		25.7	
	× 1	26.08	85	26.13	80	26.19	75
28	× 2	26.10	90	26.2	85	26.3	80
	× 1.5	26.54		26.62		26.7	
	× 1	27.08	85	27.13	80	27.19	75
30	× 3	27.10	90	27.2	85	27.2	85
	× 2	28.10		28.2		28.3	
	× 1.5	28.54	85	28.62	80	28.7	80
	× 1	29.08	85	29.13	80	29.19	75
32	× 2	30.10	90	30.1	90	30.3	80
	× 1.5	30.54		30.54		30.7	
	× 1	31.03	85	31.03	80	31.03	90
33	× 3	30.10	90	30.2	85	30.2	85
	× 2	31.10		31.2		31.3	
	× 1.5	31.54	85	31.62	80	31.7	80
34	× 2	31.90	95	31.9	95	31.9	95
	× 1.5	32.54		32.54		32.54	
	× 1	33.03	90	33.03	90	33.03	90
35	× 1.5	33.54	90	33.62	85	33.7	80
	× 3	33.10		33.2		33.2	
36	× 2	34.10	90	34.2	85	34.3	80
	× 1.5	34.54		34.62		34.7	
	× 1	35.03	90	35.03	90	35.03	90
38	× 2	35.90	95	35.9	95	35.9	95
	× 1.5	36.54		36.62		36.7	
	× 1	37.03	90	37.03	90	37.03	90
39	× 3	36.10	85	36.2	85	36.2	85
	× 2	37.10		37.2		37.3	
	× 1.5	37.54	85	37.62	80	37.7	80
40	× 3	37.10	90	37.2	85	37.2	85
	× 2	38.10		38.2		38.3	
	× 1.5	38.54	85	38.6	80	38.7	80
	× 1	39.03	90	39.03	90	39.03	90
42	× 4	38.10	85	38.1	85	38.3	85
	× 3	39.10		39.2		39.2	
	× 2	40.10	85	40.2	80	40.3	80
45	× 1.5	40.54	90	40.62	90	40.7	80
	× 1	41.03		41.03		41.03	
	× 4	41.10	90	41.1	85	41.3	85
	× 3	42.10	85	42.2	80	42.2	80
48	× 2	43.10	90	43.2	85	43.3	80
	× 1.5	43.54		43.62		43.7	
	× 1	44.03	90	44.03	90	44.03	90
50	× 4	44.10	85	44.1	85	44.3	85
	× 3	45.10		45.2		55.2	
	× 2	46.10	85	46.2	80	46.3	80
	× 1.5	46.54	90	46.62	90	46.7	90
50	× 3	47.10	85	47.2	85	47.2	85
	× 2	48.10		48.2		48.3	
	× 1.5	48.54	85	48.62	80	48.7	80

美制螺纹

Unified Threads

(单位: mm)

Tap size	class 3B	%	class 2&1	%
Unified Coarse Screw Threads				
UNC	NO1 - 64	1.51	1.51	80
	NO2 - 56	1.79	1.79	
	NO3 - 48	2.06	2.06	
	NO4 - 40	2.30	2.3	
	NO5 - 32	2.64	2.63	
	NO6 - 24	2.82	2.82	
	NO8 - 20	3.48	3.38	
	NO10 - 16	3.91	3.91	
	NO12 - 14	4.57	4.57	
	1/4 - 20	5.25	5.25	
	5/16 - 18	6.64	6.72	
	3/8 - 16	8.06	8.06	
UNF	7/16 - 14	9.40	9.5	85
	1/2 - 13	10.80	11	
	9/16 - 12	12.30	12.3	
	5/8 - 11	13.60	13.8	
	3/4 - 10	16.60	16.8	
	7/8 - 9	19.50	19.6	
	1" - 8	22.30	22.6	
	1"1/8 - 7	25.00	25.2	
	1"1/4 - 6	28.20	28.4	
	1"3/8 - 5	30.80	31	
	1"1/2 - 4	34.00	34.2	
	1"3/4 - 4	39.50	39.8	
2" - 4	45.30	45.3		
Unified Fine Screw Threads				
UNF	NO0 - 80	1.25	1.25	80
	NO1 - 72	1.55	1.55	
	NO2 - 64	1.84	1.84	
	NO3 - 56	2.12	2.12	
	NO4 - 48	2.39	2.39	
	NO5 - 44	2.68	2.68	
	NO6 - 40	2.96	2.96	
	NO8 - 36	3.56	3.56	
	NO10 - 32	4.14	4.14	
	NO12 - 28	4.70	4.7	
	1/4 - 28	5.56	5.56	
	5/16 - 24	6.96	7.02	
UNF	3/8 - 24	8.55	8.61	85
	7/16 - 20	9.94	10.01	
	1/2 - 20	11.49	11.6	
	9/16 - 18	12.91	13.07	
	5/8 - 18	14.50	14.65	
	3/4 - 16	17.50	17.59	
	7/8 - 14	20.40	20.6	
	1" - 12	23.30	23.5	
	1"1/8 - 12	26.50	26.7	
	1"1/4 - 12	29.70	29.9	
	1"3/8 - 12	32.70	33	
	1"1/2 - 12	36.00	36.2	