

粗牙统一螺纹（UNC） 钢丝螺套型式尺寸及安装参数

UNC Series Wire Thread Insert Specifications

螺纹规格 (d×p) Thread Size (d×p)	螺距 (P) Pitch (P)	公称长度标识 Nominal Length Designation	公称长度 (L1) Nominal Length (L1)	圈数 (W) Number of Coils (W)	自由状态下外径 (Dz) Free-State Outer Diameter (Dz)	钻头直径 (d0) Drill Diameter (d0)	钻孔深度 (L3) Hole Depth(L3)	实际有效长度 (L2) Actual Effective Length (L2)
2 - 56 (0.086)	0.453	1d	2.2	3	2.7 - 2.9	2.4	3.9	1.8
2 - 56 (0.086)	0.453	1.5d	3.3	5.25	2.7 - 2.9	2.4	5	2.9
2 - 56 (0.086)	0.453	2d	4.4	7.4	2.7 - 2.9	2.4	6.1	3.9
2 - 56 (0.086)	0.453	2.5d	5.5	9.6	2.7 - 2.9	2.4	7.2	5
4 - 40 (0.112)	0.635	1d	2.9	2.8	3.6 - 4.0	3.1	5.4	2.5
4 - 40 (0.112)	0.635	1.5d	4.3	4.8	3.6 - 4.0	3.1	6.8	3.9
4 - 40 (0.112)	0.635	2d	5.8	6.8	3.6 - 4.0	3.1	8.3	5.4
4 - 40 (0.112)	0.635	2.5d	7.2	8.8	3.6 - 4.0	3.1	9.7	6.8
5 - 40 (0.125)	0.635	1d	3.2	3.3	4.0 - 4.4	3.4	5.7	2.8
5 - 40 (0.125)	0.635	1.5d	4.8	5.5	4.0 - 4.4	3.4	7.3	4.3
5 - 40 (0.125)	0.635	2d	6.4	7.8	4.0 - 4.4	3.4	8.9	6.0
5 - 40 (0.125)	0.635	2.5d	7.9	10	4.0 - 4.4	3.4	10.4	7.5
6 - 32 (0.138)	0.794	1d	3.5	2.8	4.5 - 4.9	3.8	6.7	3.1
6 - 32 (0.138)	0.794	1.5d	5.3	4.8	4.5 - 4.9	3.8	8.5	4.9
6 - 32 (0.138)	0.794	2d	7	6.7	4.5 - 4.9	3.8	10.2	6.6
6 - 32 (0.138)	0.794	2.5d	8.3	8.7	4.5 - 4.9	3.8	11.5	8.4
8 - 32 (0.164)	0.794	1d	4.2	3.5	5.2 - 5.6	4.4	7.4	3.8
8 - 32 (0.164)	0.794	1.5d	6.3	5.9	5.2 - 5.6	4.4	9.5	5.9
8 - 32 (0.164)	0.794	2d	8.3	8.3	5.2 - 5.6	4.4	11.5	8.0
8 - 32 (0.164)	0.794	2.5d	10.5	10.7	5.2 - 5.6	4.4	13.7	10.1
10 - 24 (0.190)	1.058	1d	4.8	2.9	6.2 - 6.6	5.2	9.0	4.3
10 - 24 (0.190)	1.058	1.5d	7.2	5.1	6.2 - 6.6	5.2	11.4	6.7
10 - 24 (0.190)	1.058	2d	9.6	7	6.2 - 6.6	5.2	13.8	9.1
10 - 24 (0.190)	1.058	2.5d	12.1	9.2	6.2 - 6.6	5.2	16.3	11.6
12 - 24 (0.216)	1.058	1d	5.5	3.5	6.8 - 7.2	5.8	9.7	5.0
12 - 24 (0.216)	1.058	1.5d	8.2	5.9	6.8 - 7.2	5.8	12.4	7.7
12 - 24 (0.216)	1.058	2d	11	8.3	6.8 - 7.2	5.8	15.2	10.5
12 - 24 (0.216)	1.058	2.5d	13.7	10.7	6.8 - 7.2	5.8	17.9	13.2
1/4" - 20	1.27	1d	6.4	3.4	8.2 - 8.5	6.7	11.5	5.8
1/4" - 20	1.27	1.5d	9.5	5.7	8.2 - 8.5	6.7	14.6	8.9
1/4" - 20	1.27	2d	12.7	8	8.2 - 8.5	6.7	17.8	12.1
1/4" - 20	1.27	2.5d	15.9	10.3	8.2 - 8.5	6.7	21	15.3
5/16" - 18	1.411	1d	7.9	4	10.0 - 10.3	8.4	13.5	7.2

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5/16" - 18	1.411	1.5d	11.9	6.6	10.0 - 10.3	8.4	17.5	11.2
5/16" - 18	1.411	2d	15.9	9.3	10.0 - 10.3	8.4	21.5	15.2
5/16" - 18	1.411	2.5d	19.8	11.9	10.0 - 10.3	8.4	25.4	19.1
3/8" - 16	1.588	1d	9.5	4.4	11.8 - 12.2	10	15.9	8.7
3/8" - 16	1.588	1.5d	14.3	7.2	11.8 - 12.2	10	20.7	13.5
3/8" - 16	1.588	2d	19.1	10.1	11.8 - 12.2	10	25.5	18.3
3/8" - 16	1.588	2.5d	23.8	12.9	11.8 - 12.2	10	30.2	23
7/16" - 14	1.814	1d	11.1	4.5	13.4 - 14.0	11.6	18.4	10.2
7/16" - 14	1.814	1.5d	16.7	7.4	13.4 - 14.0	11.6	24	15.8
7/16" - 14	1.814	2d	22.2	10.3	13.4 - 14.0	11.6	29.5	21.3
7/16" - 14	1.814	2.5d	27.8	13.1	13.4 - 14.0	11.6	35.1	26.9
1/2" - 13	1.954	1d	12.7	4.8	15.2 - 15.8	13.2	20.5	11.7
1/2" - 13	1.954	1.5d	19.1	7.9	15.2 - 15.8	13.2	26.9	18.1
1/2" - 13	1.954	2d	25.4	10.9	15.2 - 15.8	13.2	33.2	24.4
1/2" - 13	1.954	2.5d	31.8	13.9	15.2 - 15.8	13.2	39.6	30.8
9/16" - 12	2.117	1d	14.3	5.1	17.0 - 17.6	14.9	22.8	13.2
9/16" - 12	2.117	1.5d	21.5	8.3	17.0 - 17.6	14.9	30	20.4
9/16" - 12	2.117	2d	28.6	11.5	17.0 - 17.6	14.9	37.1	27.5
9/16" - 12	2.117	2.5d	35.7	14.7	17.0 - 17.6	14.9	44.2	34.6
5/8" - 11	2.309	1d	15.9	5.3	18.9 - 19.5	16.6	25.1	14.7
5/8" - 11	2.309	1.5d	23.8	8.3	18.9 - 19.5	16.6	33	22.6
5/8" - 11	2.309	2d	31.8	11.8	18.9 - 19.5	16.6	41	30.6
5/8" - 11	2.309	2.5d	39.7	15	18.9 - 19.5	16.6	48.9	38.5
3/4" - 10	2.54	1d	19.1	5.9	22.4 - 23.0	19.7	29.3	17.8
3/4" - 10	2.54	1.5d	28.6	9.4	22.4 - 23.0	19.7	38.8	27.3
3/4" - 10	2.54	2d	38.1	13	22.4 - 23.0	19.7	48.3	36.8
3/4" - 10	2.54	2.5d	47.6	16.6	22.4 - 23.0	19.7	57.8	46.3
7/8" - 9	2.822	1d	22.2	6.3	26.0 - 26.7	23	33.5	20.8
7/8" - 9	2.822	1.5d	33.3	10	26.0 - 26.7	23	44.6	31.9
7/8" - 9	2.822	2d	44.5	13.7	26.0 - 26.7	23	55.8	43.1
7/8" - 9	2.822	2.5d	55.6	17.4	26.0 - 26.7	23	66.9	54.2
1" - 8	3.175	1d	25.4	6.4	29.6 - 30.4	26.2	38.1	23.8
1" - 8	3.175	1.5d	38.1	10.2	29.6 - 30.4	26.2	50.8	36.5
1" - 8	3.175	2d	50.8	14	29.6 - 30.4	26.2	63.5	49.2
1" - 8	3.175	2.5d	63.5	17.8	29.6 - 30.4	26.2	76.2	61.9
1 1/8" - 7	3.629	1d	28.6	6.3	33.4 - 34.4	29.5	43.1	26.8
1 1/8" - 7	3.629	1.5d	42.9	10	33.4 - 34.4	29.5	57.4	41.1

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1 1/8" - 7	3.629	2d	57.2	13.8	33.4 - 34.4	29.5	71.7	55.4
1 1/4" - 7	3.629	1d	31.8	7.1	36.7 - 37.7	33	46.3	30
1 1/4" - 7	3.629	1.5d	47.6	11.3	36.7 - 37.7	33	62.1	45.8
1 1/4" - 7	3.629	2d	63.5	15.4	36.7 - 37.7	33	78	61.7
1 3/8" - 6	4.234	1d	34.9	6.6	40.6 - 41.7	36	51.8	32.8
1 3/8" - 6	4.234	1.5d	52.4	10.6	40.6 - 41.7	36	69.3	50.3
1 3/8" - 6	4.234	2d	69.9	14.4	40.6 - 41.7	36	86.8	67.8
1 1/2" - 6	4.234	1d	38.1	7.4	43.9 - 45.0	39.5	55	36
1 1/2" - 6	4.234	1.5d	57.2	11.6	43.9 - 45.0	39.5	74.1	55.1
1 1/2" - 6	4.234	2d	76.2	15.9	43.9 - 45.0	39.5	93.1	74.1