

细牙统一螺纹（UNF）钢丝螺套型式尺寸及安装参数

UNF 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)
4 - 48 (0.112)	0.529	1d	2.8	3.4	3.7 - 4.1	3	4.9	2.5
4 - 48 (0.112)	0.529	1.5d	4.3	5.6	3.7 - 4.1	3	6.4	4.0
4 - 48 (0.112)	0.529	2d	5.7	7.9	3.7 - 4.1	3	7.8	5.4
4 - 48 (0.112)	0.529	2.5d	7.1	10.3	3.7 - 4.1	3	9.2	6.7
6 - 40 (0.138)	0.635	1d	3.5	3.6	4.5 - 4.9	3.8	6.0	3.1
6 - 40 (0.138)	0.635	1.5d	5.3	6	4.5 - 4.9	3.8	7.8	4.9
6 - 40 (0.138)	0.635	2d	7	8.4	4.5 - 4.9	3.8	9.5	6.6
6 - 40 (0.138)	0.635	2.5d	8.8	10.8	4.5 - 4.9	3.8	11.3	8.4
8 - 36 (0.164)	0.706	1d	4.2	4	5.3 - 5.7	4.4	7.0	3.8
8 - 36 (0.164)	0.706	1.5d	6.3	6.6	5.3 - 5.7	4.4	9.1	5.9
8 - 36 (0.164)	0.706	2d	8.3	9.1	5.3 - 5.7	4.4	11.1	7.9
8 - 36 (0.164)	0.706	2.5d	10.5	11.7	5.3 - 5.7	4.4	13.3	10.1
10 - 32 (0.190)	0.794	1d	4.8	4.1	6.1 - 6.5	5.1	8.0	4.4
10 - 32 (0.190)	0.794	1.5d	7.2	6.8	6.1 - 6.5	5.1	10.4	6.8
10 - 32 (0.190)	0.794	2d	9.6	9.5	6.1 - 6.5	5.1	12.8	9.2
10 - 32 (0.190)	0.794	2.5d	12.1	12.1	6.1 - 6.5	5.1	15.3	11.7
1/4" - 28	0.907	1d	6.4	5	7.8 - 8.3	6.7	10.0	5.9
1/4" - 28	0.907	1.5d	9.5	8.1	7.8 - 8.3	6.7	13.1	9.0
1/4" - 28	0.907	2d	12.7	11.3	7.8 - 8.3	6.7	16.3	12.2
1/4" - 28	0.907	2.5d	15.9	14.4	7.8 - 8.3	6.7	19.5	15.4
5/16" - 24	1.058	1d	7.9	5.5	9.7 - 10.2	8.2	12.1	7.4
5/16" - 24	1.058	1.5d	11.9	8.9	9.7 - 10.2	8.2	16.1	11.4
5/16" - 24	1.058	2d	15.9	12.2	9.7 - 10.2	8.2	20.1	15.4
5/16" - 24	1.058	2.5d	19.8	15.6	9.7 - 10.2	8.2	24.0	19.3
3/8" - 24	1.058	1d	9.5	6.9	11.4 - 11.9	9.8	13.7	9.0
3/8" - 24	1.058	1.5d	14.3	10.9	11.4 - 11.9	9.8	18.5	13.8
3/8" - 24	1.058	2d	19.1	14.9	11.4 - 11.9	9.8	23.3	18.6
3/8" - 24	1.058	2.5d	23.8	19	11.4 - 11.9	9.8	28.0	23.3
7/16" - 20	1.27	1d	11.1	6.6	13.4 - 13.9	11.5	16.2	10.5
7/16" - 20	1.27	1.5d	16.7	10.6	13.4 - 13.9	11.5	21.8	16.1
7/16" - 20	1.27	2d	22.2	14.5	13.4 - 13.9	11.5	27.3	21.6
7/16" - 20	1.27	2.5d	27.8	18.4	13.4 - 13.9	11.5	32.9	27.2
1/2" - 20	1.27	1d	12.7	7.8	15.1 - 15.7	13.1	17.8	12.1

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)
1/2" - 20	1.27	1.5d	19.1	12.3	15.1 - 15.7	13.1	24.2	18.5
1/2" - 20	1.27	2d	25.4	16.8	15.1 - 15.7	13.1	30.5	24.8
1/2" - 20	1.27	2.5d	31.8	21.3	15.1 - 15.7	13.1	36.9	31.2
9/16" - 18	1.411	1d	14.3	8.9	16.9 - 17.6	14.7	19.9	13.6
9/16" - 18	1.411	1.5d	21.5	12.5	16.9 - 17.6	14.7	27.1	20.8
9/16" - 18	1.411	2d	28.6	17.1	16.9 - 17.6	14.7	34.2	27.9
9/16" - 18	1.411	2.5d	35.7	21.6	16.9 - 17.6	14.7	41.3	35.0
5/8" - 18	1.411	1d	15.9	8.9	18.6 - 19.3	16.3	21.5	15.2
5/8" - 18	1.411	1.5d	23.8	14.1	18.6 - 19.3	16.3	29.4	23.1
5/8" - 18	1.411	2d	31.8	19.1	18.6 - 19.3	16.3	37.4	31.1
5/8" - 18	1.411	2.5d	39.7	24.3	18.6 - 19.3	16.3	45.3	39.0
3/4" - 16	1.588	1d	19.1	9.7	22.2 - 22.9	19.5	25.5	18.3
3/4" - 16	1.588	1.5d	28.6	15.1	22.2 - 22.9	19.5	35.0	27.8
3/4" - 16	1.588	2d	38.1	20.6	22.2 - 22.9	19.5	44.5	37.3
3/4" - 16	1.588	2.5d	47.7	26	22.2 - 22.9	19.5	54.1	46.9
7/8" - 14	1.814	1d	22.2	9.9	26.0 - 26.7	22.7	29.5	21.3
7/8" - 14	1.814	1.5d	33.3	15.4	26.0 - 26.7	22.7	40.6	32.4
7/8" - 14	1.814	2d	44.5	21	26.0 - 26.7	22.7	51.8	43.6
7/8" - 14	1.814	2.5d	55.6	26.6	26.0 - 26.7	22.7	62.9	54.7
1" - 14	1.814	1d	25.4	11.5	29.4 - 30.1	26	32.7	24.5
1" - 14	1.814	1.5d	38.1	17.9	29.4 - 30.1	26	45.4	37.2
1" - 14	1.814	2d	50.8	24.3	29.4 - 30.1	26	58.1	49.9
1" - 14	1.814	2.5d	63.5	30.6	29.4 - 30.1	26	70.8	62.6
1" - 12	2.117	1d	25.4	9.7	29.7 - 30.4	26	33.9	24.3
1" - 12	2.117	1.5d	38.1	15.1	29.7 - 30.4	26	46.6	37.0
1" - 12	2.117	2d	50.8	20.6	29.7 - 30.4	26	59.3	49.7
1" - 12	2.117	2.5d	63.5	26.1	29.7 - 30.4	26	72.0	62.4
1 1/8" - 12	2.117	1d	28.6	10.1	33.2 - 33.9	29	37.1	27.5
1 1/8" - 12	2.117	1.5d	42.9	17.3	33.2 - 33.9	29	51.4	41.8
1 1/8" - 12	2.117	2d	57.2	23.4	33.2 - 33.9	29	65.7	56.1
1 1/4" - 12	2.117	1d	31.8	12.4	36.6 - 37.3	32.5	40.3	30.7
1 1/4" - 12	2.117	1.5d	47.6	19.3	36.6 - 37.3	32.5	56.1	46.5
1 1/4" - 12	2.117	2d	63.5	26.1	36.6 - 37.3	32.5	72.0	62.4
1 3/8" - 12	2.117	1d	34.9	13.8	40.0 - 40.9	32.5	43.4	33.8
1 3/8" - 12	2.117	1.5d	52.4	21.3	40.0 - 40.9	35.5	60.9	51.3
1 3/8" - 12	2.117	2d	69.9	28.9	40.0 - 40.9	35.5	78.4	68.8
1 1/2" - 12	2.117	1d	38.1	15.2	43.9 - 44.3	35.5	46.6	37.0

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)
1 1/2" - 12	2.117	1.5d	57.2	23.4	43.9 - 44.3	38.5	65.7	56.1
1 1/2" - 12	2.117	2d	76.2	31.6	43.9 - 44.3	38.5	84.7	75.1