

无尾钢丝螺套自由状态结构尺寸（单位：毫米）

Tangless Wire Thread Insert Free-State Structural Dimensions (Unit: mm)

公称直径 Nominal Diameter d	螺距 Pitch P	自由状态下外径 Outer Diameter in Free State Dz	锁紧圈数 Number of Locking Coils N2max	锁紧边数 Number of Locking Edges K
2	0.4	2.48~2.60	2	4~5
2.5	0.45	3.18~3.45	2	4~5
3	0.5	3.76~3.95	2	4~5
4	0.7	5.03~5.25	2	4~5
5	0.8	6.18~6.45	2	4~5
6	1	7.38~7.60	2.5	5~6
8	1.25	9.78~10.00	2.5	5~6
10	1.5	11.92~12.15	2.5	5~6
12	1.75	14.28~14.55	2.5	5~6
16	2	18.88~19.15	2.5	5~6

Note: The number of locking coils and the number of locking edges are only applicable to locking type wire thread inserts.

无尾螺套安装参数表（单位：mm）

Tangless Thread Insert Installation Parameters (Unit:mm)

Φ —— Diameter of the selected drill bit;

L_1 —— Nominal diameter length of the tailless wire thread insert;

L_2 —— Actual length of the tailless wire thread insert after installation ($L_2 = L_1 - P$);

L_3 —— Drilling depth;

L_4 —— Thread depth of the internal threaded hole for installing the tailless wire thread insert ($L_4 = L_1 = L_2 + P$);

L_5 —— Distance from the tailless wire thread insert to the installation surface ($L_5 = 0.25P \sim 0.75P$).

Nominal Diameter (d)	Pitch (P)	Nominal Length (nd)	L1	Number of Coils (N)	L3	L4	L2	L5	Φ
2	0.4	1d	2.0	3.25	3.6	2.0	1.6	0.1 - 0.3	2.0 - 2.1
2	0.4	1.5d	3.0	5.5	4.6	3.0	2.6	0.1 - 0.3	2.0 - 2.1
2	0.4	2d	4.0	7.75	5.6	4.0	3.6	0.1 - 0.3	2.0 - 2.1
2.5	0.45	1d	2.5	3.5	4.3	2.5	2.1	0.1 - 0.3	2.5 - 2.6
2.5	0.45	1.5d	3.75	5.9	5.6	3.75	3.3	0.1 - 0.3	2.5 - 2.6
2.5	0.45	2d	5.0	8.1	6.8	5.0	4.6	0.1 - 0.3	2.5 - 2.6
3	0.5	1d	3.0	3.9	5.0	3.0	2.5	0.1 - 0.4	3.0 - 3.1
3	0.5	1.5d	4.5	6.3	6.5	4.5	4.0	0.1 - 0.4	3.0 - 3.1
3	0.5	2d	6.0	8.7	8.0	6.0	5.5	0.1 - 0.4	3.0 - 3.1
4	0.7	1d	4.0	3.7	6.8	4.0	3.3	0.2 - 0.5	4.1 - 4.2
4	0.7	1.5d	6.0	6.1	8.8	6.0	5.3	0.2 - 0.5	4.1 - 4.2
4	0.7	2d	8.0	8.4	10.8	8.0	7.3	0.2 - 0.5	4.1 - 4.2
5	0.8	1d	5.0	4.3	8.2	5.0	4.2	0.2 - 0.6	5.1 - 5.2

Nominal Diameter (d)	Pitch (P)	Nominal Length (nd)	L1	Number of Coils (N)	L3	L4	L2	L5	Φ
5	0.8	1.5d	7.5	6.9	10.7	7.5	6.7	0.2 - 0.6	5.1 - 5.2
5	0.8	2d	10.0	9.7	13.2	10.0	9.2	0.2 - 0.6	5.1 - 5.2
5	0.8	2.5d	12.5	12.3	15.7	12.5	11.7	0.2 - 0.6	5.1 - 5.2
5	0.8	3d	15.0	14.8	18.2	15.0	9.2	0.2 - 0.6	5.1 - 5.2
6	1	1d	6.0	4.2	10.0	6.0	5.0	0.2 - 0.8	6.2 - 6.3
6	1	1.5d	9.0	6.9	13.0	9.0	8.0	0.2 - 0.8	6.2 - 6.3
6	1	2d	12.0	9.6	16.0	12.0	11.0	0.2 - 0.8	6.2 - 6.3
6	1	2.5d	15.0	12.3	19.0	15.0	14.0	0.2 - 0.8	6.2 - 6.3
6	1	3d	18.0	14.6	22.0	18.0	17.0	0.2 - 0.8	6.2 - 6.3
8	1.25	1d	8.0	4.7	13.0	8.0	6.8	0.3 - 0.9	8.2 - 8.3
8	1.25	1.5d	12.0	7.4	17	12.0	10.8	0.3 - 0.9	8.2 - 8.3
8	1.25	2d	16.0	10.6	21.0	16.0	14.8	0.3 - 0.9	8.2 - 8.3
8	1.25	2.5d	20.0	13.5	25	20.0	18.8	0.3 - 0.9	8.2 - 8.3

Nominal Diameter (d)	Pitch (P)	Nominal Length (nd)	L1	Number of Coils (N)	L3	L4	L2	L5	Φ
8	1.25	3d	24.0	16.4	29.0	24.0	22.8	0.3 - 0.9	8.2 - 8.3
10	1.5	1d	10.0	5.0	16.0	10.0	8.5	0.4 - 1.1	10.3 - 10.4
10	1.5	1.5d	15.0	8.1	21.0	15.0	13.5	0.4 - 1.1	10.3 - 10.4
10	1.5	2d	20.0	11.2	26.0	20.0	18.5	0.4 - 1.1	10.3 - 10.4
10	1.5	2.5d	25.0	14.2	31.0	25.0	23.5	0.4 - 1.1	10.3 - 10.4
10	1.5	3d	30.0	17.2	36.0	30.0	28.5	0.4 - 1.1	10.3 - 10.4
12	1.75	1d	12.0	5.2	19.0	12.0	10.3	0.4 - 1.3	12.3 - 12.4
12	1.75	1.5d	18.0	8.4	25.0	18.0	16.3	0.4 - 1.3	12.3 - 12.4
12	1.75	2d	24.0	11.7	31.0	24.0	22.3	0.4 - 1.3	12.3 - 12.4
12	1.75	2.5d	30.0	14.7	39.0	30.0	30.3	0.4 - 1.3	12.3 - 12.4
12	1.75	3d	36.0	18.0	43.0	36.0	34.3	0.4 - 1.3	12.3 - 12.4
16	2	1d	16.0	6.5	24.0	16.0	14.0	0.5 - 1.5	16.4 - 16.5
16	2	1.5d	24.0	10.1	32.0	24.0	22.0	0.5 - 1.5	16.4 - 16.5

Nominal Diameter (d)	Pitch (P)	Nominal Length (nd)	L1	Number of Coils (N)	L3	L4	L2	L5	Φ
16	2	2d	32.0	13.8	40.0	32.0	30.0	0.5 - 1.5	16.4 - 16.5
16	2	2.5d	40	17.5	48.0	40	38.0	0.5 - 1.5	16.4 - 16.5
16	2	3d	48	21.0	56.0	48	46.0	0.5 - 1.5	16.4 - 16.5