

Threaded Inserts for Plastic Series

Marking method of wire screw sleeve

There are two ways of expressing the wire screw, which is the diameter, pitch, and length of the wire.
 1. Specification: for example m3x0.5x5d, i.e. 1.5x3 = 4.5mm), the length here refers to the length after installation.
 2. Standard method: for example m3x0.5x6.3 laps, indicating that the internal thread is M3, the screw pitch is 0.5, the winding number of the screw sleeve is 6.3 circles, and the corresponding length is 4.5mm after the installation. The winding number here refers to the pre-installation reality. Interstate laps.
 Special note: the length of the wire sleeve after installation is greater than the length before installation because the screw thread will compress and stretch in the threaded hole.
 Generally speaking, the length of the screw sleeve is the length after installation.

Steel screw drill diameter selection standard

Before installing the wire screw, select the standard bit drilling in the table below, and the depth of the borehole is greater than that of the wire screw. Be careful not to drill the hole into a cone. The hole should not exceed after drilling 0.4 pitch depth, because it is not good for the screw to enter.
 Steel wire screw mounting hole size table:

Thread Size	Drill Diameter	Thread Size	Drill Diameter
M2X0.4	2.1	M8X1	8.3
M2.5x0.45	2.6	M10x1	10.3
M3X0.5	3.1	M10x1.25	10.3
M4X0.7	4.2	M12X1.25	12.3
M5X0.8	5.2	M12X1.5	12.4
M6X1.0	6.3	M12X1	12.3
M7X1.0	7.3	M13X1.25	13.3
M8X1.25	8.3	M14X1.5	14.4
M10X1.5	10.4	M14X1.25	14.3
M11X1.5	11.4	M16X1.5	16.4
M12X1.75	12.4	M18X1.5	18.4
M14X2	14.5	M20X1.5	20.4
M16X2	16.5	M20X2	20.5
M18X2.5	18.6	M22X2	22.5
M20X2.5	20.6	M22X1.5	22.4

UNC UNF uniform thread, steel thread sleeve specifications table

Diameter-tooth number	Diameter	Pitch	After installation length	After installation length	Install the number of laps	Outside Diameter of installation (mm)	Drill Diameter d0 (mm)
			kxd	L (mm)			
5/8" -11	15.875	2.31	1d	15.9	5.7	18.8-19.4	16.5
			1.5d	23.8	9		
			2d	31.8	12.3		
5/8" -18	15.875	1.41	1d	15.9	9.4	18.6-19.3	16.2
			1.5d	23.8	14.5		
			2d	31.8	19.7		
3/4" -10	19.05	2.54	1d	19.1	6.3	22.3-23.0	19.7
			1.5d	28.6	9.9		
			2d	38.1	13.5		
3/4" -16	19.05	1.59	1d	19.1	10.1	22.2-22.8	19.4
			1.5d	28.6	15.6		
			2d	38.1	21		
7/8" -14	22.225	1.81	1d	22.2	10.3	25.9-26.7	22.6
			1.5d	33.3	15.9		
			2d	44.5	21.6		
1/8" -14	25.4	3.18	1d	25.4	6.8	29.6-30.4	26.1
			1.5d	38.1	10.6		
			2d	50.8	15.4		
1" -12	25.4	2.12	1d	25.4	10	29.6-30.4	30.0
			1.5d	38.1	15.6		
			2d	50.8	21.2		
1" -14	25.4	1.81	1d	25.4	11.8	29.6-30.4	25.9
			1.5d	38.1	18.1		
			2d	50.8	24.5		

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JX-KATO JX-KATO no tail screw sleeve



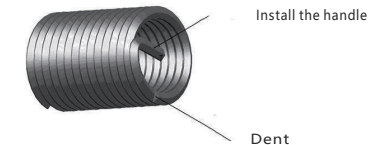
Feature:
 1. Ordinary wire shell mounting handle is not easy to break, and the tail end of the handle is easy to protrude; Besides, after the tail handle is removed, it is not easy to clean and can cause the retention, which can affect the quality of the product. There is no tail stock, and there is no such problem.
 2. The screw shaft sleeve adopts a threaded rotary hook mounting tool, which is installed without the handle, directivity, and high efficiency.

JX-KATO Common specifications of the non-tail screw

KATO Common specifications of the non-tail screw sheet (Along the tooth type)	
NO.	Size
1	JX-2TNM-2X0.4C-2
2	JX-2TNM-2X0.4C-3
3	JX-2TNM-2X0.4C-4
4	JX-2TNM-2.5X0.45C-2.5
5	JX-2TNM-2.5X0.45C-3.8
6	JX-2TNM-2.5X0.45C-5.0
7	JX-2TNM-3X0.5C-3.0
8	JX-2TNM-3X0.5C-4.5
9	JX-2TNM-3X0.5C-6.0
10	JX-2TNM-4X0.7C-4.0
11	JX-2TNM-4X0.7C-6.0
12	JX-2TNM-4X0.7C-8.0
13	JX-2TNM-5X0.8C-5.0
14	JX-2TNM-5X0.8C-7.5
15	JX-2TNM-5X0.8C-10.0
16	JX-2TNM-6X1.0C-6.0
17	JX-2TNM-6X1.0C-9.0
18	JX-2TNM-6X1.0C-12.0
19	JX-2TNM-8X1.25C-8.0
20	JX-2TNM-8X1.25C-12.0
21	JX-2TNM-8X1.25C-16.0

JX-KATO Common specifications of the non-tail screw sheet (Locking type)	
NO.	Size
1	JX-2TLM-2X0.4C-2
2	JX-2TLM-2X0.4C-3
3	JX-2TLM-2X0.4C-4
4	JX-2TLM-2.5X0.45C-2.5
5	JX-2TLM-2.5X0.45C-3.8
6	JX-2TLM-2.5X0.45C-5.0
7	JX-2TLM-3X0.5C-3.0
8	JX-2TLM-3X0.5C-4.5
9	JX-2TLM-3X0.5C-6.0
10	JX-2TLM-4X0.7C-4.0
11	JX-2TLM-4X0.7C-6.0
12	JX-2TLM-4X0.7C-8.0
13	JX-2TLM-5X0.8C-5.0
14	JX-2TLM-5X0.8C-7.5
15	JX-2TLM-5X0.8C-10.0
16	JX-2TLM-6X1.0C-6.0
17	JX-2TLM-6X1.0C-9.0
18	JX-2TLM-6X1.0C-12.0
19	JX-2TLM-8X1.25C-8.0
20	JX-2TLM-8X1.25C-12.0
21	JX-2TLM-8X1.25C-16.0

Wire thread sets



Wire thread sleeve also known as thread sheath, stainless steel screw sets, wire sets, braces, is a new type of internal thread fasteners, from High-strength, high-precision diamond-shaped cross-section of the wire wound; in aluminum, zinc alloy, magnesium alloy, copper, plastic, Bakelite and other low-strength engineering materials can significantly improve the thread strength and wear resistance.

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