

No. 089

Tap for Left Hand Thread

Cutting
Taps

【Consultation】



Our customer asked us to make an "M8 reverse threads". Does YAMAWA have "a tap for making reverse threads? What type of tap is this and can you explain how it works?"

【Answer】

Conventionally left hand threads may be classified as reverse threads. If you make the threads with a left hand M8 tap, it should meet your customer's needs, but please check with them first to make sure that it is what they require. and meets usage of the thread requirement.



【Description】



Most common threads are "right hand thread". However, when moving parts such as a right-rotating fan or ventilation fan are tightened with a right hand thread, there is a danger that it will loosen little by little during operation. To prevent this, a "left hand thread" is used for such parts. Taps can be made to produce right hand threads or left hand threads to produce these parts. Taps for left hand threads are identified with the "LH" symbol.

Types of Taps		Symbol	Approximate Shape
For Right Hand Thread		No Designation	
For Left Hand Thread		LH (L)	

We introduce the line-up of YAMAWA taps for M8X1.25 left hand threads as below.

Types of Taps	Symbol	Types of Taps	Symbol
Hand Taps for Left Hand Threads	HT LH	Long Shank Hand Taps for Left Hand Threads	LS-HT LH
Spiral Fluted Taps for Left Hand Threads	SP LH	Long Shank Spiral Fluted Taps for Left Hand Threads	LS-SP LH
Spiral Pointed Taps for Left Hand Threads	PO LH	Long Shank Spiral Pointed Taps for Left Hand Threads	LS-PO LH

【Advice】



Left hand threads are mostly used for wheel mounting nuts and bolts on the left wheels of buses and trucks and left pedals of bicycles. In addition, left hand threads are also used in the framework of towers or prefab structures which use guide wires, on one side of the turnbuckle a left hand thread is used to adjust the tension.

