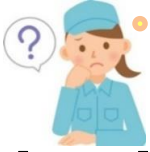


No. 090

Indication of the nominal size-1

【Consultation】



I have a basic question on the taps listed in your catalog. For example, can you tell me the meaning of the nominal size of M8 X 1.25?

【Answer】

The answer is very simple, "M" is the symbol for metric thread standard. "8" indicates the nominal diameter (major diameter) of a 8mm tap. "1.25" indicates the pitch is 1.25 mm. "X" is only a "symbol" to separate the nominal diameter from the pitch so there's no particular meaning.

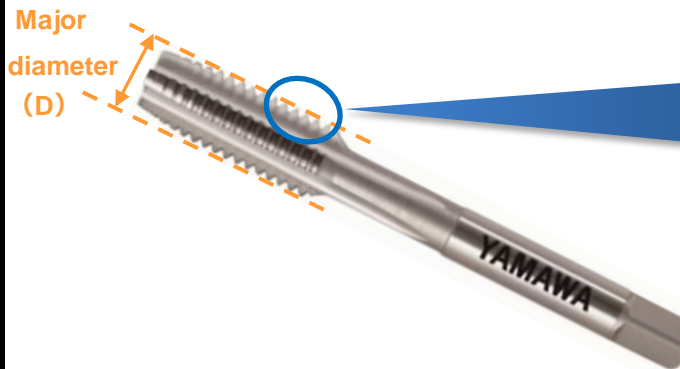


【Explanation】

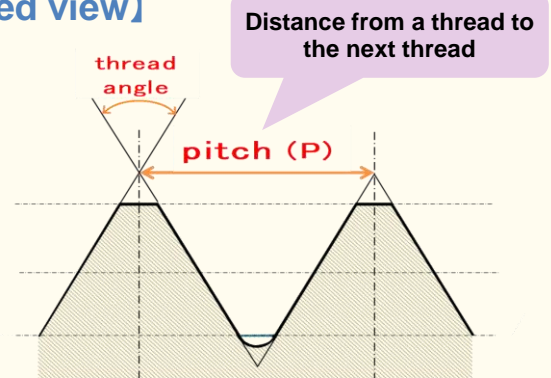


Let me explain the "major diameter" and "pitch" of a tap with a simple diagram.

As shown in the diagram below, the "major diameter" is the largest



【Enlarged view】



In this article, we have used the M8X1.25 as an example, but there are many other types of threads that express the major diameters and

Examples of thread type symbols

Category	Thread type	Symbol	Thread angle	Indication
Threads with major diameter and pitch in mm	Metric coarse threads	M	60°	M 8 x 1.25
	Metric fine threads			M 8 x 1
	Miniature threads	S	60°	S 0.8 x 0.2
	Metric trapezoidal threads	Tr	30°	Tr 10 x 2