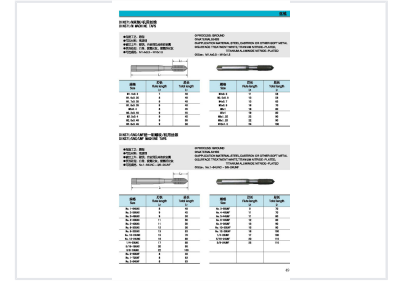


# High-Speed Steel Machine Tap Set

These high-speed steel machine taps are designed for cutting threads in steel and cast iron. They are manufactured using a ground process and feature surface treatments including white, titanium nitride-plated, and titanium aluminide nitride-plated options.



## Product Overview

### High-Speed Steel (HSS) Machine Taps

These professional-grade machine taps are engineered for precision thread cutting in carbon steel, alloy steel, cast iron, and other soft metals. Manufactured using a high-quality ground process, these tools ensure consistent performance and durability for industrial applications. Available in a wide range of metric and unified thread standards, they offer versatility for various machining requirements.

## Technical Specifications

Manufacturing Process	Ground
Material	High-Speed Steel (HSS)
Surface Treatments	White, Titanium Nitride-Plated, Titanium Aluminide Nitride-Plated
Compatible Materials	Carbon Steel, Alloy Steel, Cast Iron, Soft Metals

## Metric Specifications

### Common Metric Dimensions

Size	Flute Length (mm)	Total Length (mm)
M1.4x0.3	7	40
M1.6x0.35	8	40
M3x0.5	11	56
M4x0.7	13	63
M6x1	19	80
M8x1.25	22	90
M10x1.5	24	100

Size Range	M1.4x0.3 to M10x1.5
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## Unified Thread Specifications

### Common Unified Dimensions

Size	Flute Length (mm)	Total Length (mm)
No. 1-64UNC	8	40
No. 4-40UNC	11	56
No. 10-24UNC	15	70
1/4-20UNC	17	80
No. 10-32UNF	15	90
1/4-28UNF	17	100
3/8-24UNF	22	110

Size Range	No.1-64UNC to 3/8-24UNF
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