

No. 129

# What is "Z-PRO"

## 【Consultation】



I purchased a tap that is labeled "Z-PRO" on the product case. Could you please explain what "Z-PRO" is? Also, is there any difference between the "Z-PRO" and other taps?

## 【Answer】

"Z-PRO" is a newly introduced product by YAMAWA. In response to market changes, this product line adopts specifications and shapes optimized for machine use.



## 【Explanation】

**Z-PRO** is...

A new product with the concept of "Ultimate Machining Taps"

The name combines "Z" for Zenith (peak, highest) and "PRO" for Professional and Progress, reflecting the adoption of tool specifications and shapes tailored to changes in the market, such as machining centers and water-soluble cutting fluid.

Z-PRO features include "Tap material" and "Surface treatment", but its main feature is the semi-long shape with an adopted overall length suitable for machining.



"Z-PRO" is a product lineup that takes advantage of the merits of the semi-long shape

For Spiral Taps:

By increasing the protrusion length of the tool...

- ❶ Proper tool projection length is secured, preventing chips from interfering with the holder.
- ❷ A gap between the holder and the workpiece is secured to ensure sufficient external lubrication.

## Main taps for "Z-PRO"



This logo is a mark

VUSP (Coated Spiral Fluted Taps)



AUSP Rc (Coated Spiral Fluted Taps for Taper Pipe Threads)



MHSP (Spiral Taps for Medium Hard Carbon Steels)



VUPO (Coated Spiral Pointed Taps)



AUSP G/Rp (Coated Spiral Fluted Taps for Parallel Pipe Threads)



HVSP (Hybrid Value Spiral Fluted Taps for Steels)



• For detailed applications, please refer to our website or catalog.