

Jongen UNI-MILL VHM 487W TN12

Jongen has presented the new Jongen UNI-MILL solid carbide milling cutter VHM 487W TN12 for universal steel machining at the METAV 2018 in Düsseldorf.

These flat shaped end milling cutters with edge chamfer were specially developed for roughing and finishing steel and cast materials, but are also suitable for drilling. The tools are also suitable for plunge milling up to $0.25xD$ due to cutting edges applied over the center.

The cutting corner is optimally stabilized by the face groove and the edge chamfer. The positive chip geometry in combination with a high spiral angle allows a mild cutting manner. The longest tool lives are granted by optimized micro geometry.



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The cutting material TN12 consists of finest grain carbide, Iso-application range K30-K40 and offers a high degree of toughness with very high wear resistance. The AlCrN coating has a very fine layer-structure and high oxidation stability.

This combination is ideally suited for machining all common steels and cast iron materials and can be used for both wet and dry processing, as well as for machining with minimal lubrication.

The coupling is designed to DIN 6535-HB (Weldon) and ensures stable clamping of the tool.

The solid carbide cutters are available in diameters range from 4 to 20mm.

Starting with a diameter of 6mm, Jongen regrinds the tools at original machines and with original programs, which offers a high cost-benefit factor.

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