

## Jongen UNI-MILL Step Milling Cutter Type B32

### Jongen presents the new UNI-MILL step milling cutters type B32.

The new milling tool system type B32 has been developed especially for the machining of step-, slot- and face milling operations, in terms of roughing and finishing steels, high-grade steels, cast iron, difficult to mill materials, as well as non-ferrous metals and aluminium.

The tools offer a high productivity thanks to inserts with 6 effective cutting edges (reversible insert "3 to 6"):



Three different insert types are available. The types JMB32-713H and JMB32-713S are precision sintered inserts with ground plane chamfer. Both types have a negative chamfer and rounded edges. Depending on the selected quality, these inserts can be adopted for processing steel, high-grade steel, cast iron materials, titanium and super alloys.

The type JMB32-713A is a precision ground version. The cutting edge is provided with a polished rake face. This type is suitable for aluminium and non-ferrous metals.

Thanks to the ground plane chamfer on the inserts a high surface quality and precision is created, whereas high tool lives can be obtained, by the optimal matching of cutting edges and cutting materials.

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These tools offer high chip removal rates, since the axial depth of cut ap can reach 6 mm and also the full axial depth of cut of up to 6 mm grants almost step-free surfaces.

The tools are made of very solid and additionally tempered tool steel and can therefore withstand highest charges. The nickel-coated surfaces provide an higher resistance of the tools against reweldings and corrosions.

This programme covers shell type mills made to DIN8030-A, as well as shank type mills made to DIN1835-B (Weldon). All tools are equipped with boreholes for internal cooling. The shell type mills are available with diameters 32-80, in close and regular pitch. The shank type mills are available with diameters 25mm and 32mm. Consequently, an optimal choice for almost all arising machining processes is possible.

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