



Form milling offers time and programming advantages when milling complex contours.

Form milling establishes individual contours that are not covered by standardized milling operations. This can include complex free-form surfaces, special geometric profiles or customerspecific profiles.

Form milling is a precise manufacturing process that can meet high accuracy requirements. By using CNC milling machines, complex profiles can be manufactured with very tight tolerances.

Applications:

Form milling is used in the manufacturing of precision components in various industries such as automotive, aerospace, toolmaking, mold making and medical industries.

Challenges:

Some challenges in form milling are selecting the right tool and cutting conditions, minimizing vibrations, and efficient chip control and coolant for the tool.

MILLING OF SPECIAL FORMS



Solid carbide milling cutter

For high feed rates and short machining times due to up to 5 cutting edges with maximum stability. Suitable for large production series.



PWP interchangeable milling cutter

A more cost-effective alternative to the solid carbide milling cutter with two cutting edges for small and medium production series.



WEP interchangeable milling cutter

Form milling cutter with several interchangeable inserts, each insert with 3-cutting edges, maximum cutting width 10 mm. Universal holder can be used for most profiles.

MILLING OF GROOVES



Solid carbide milling cutter

For high feed rates and short machining times due to up to 5 cutting edges with maximum stability. Suitable for production series.



WEP interchangeable insert

Form milling cutter with several interchangeable inserts, each insert with 3-cutting edges, maximum cutting width 10 mm. Universal holder can be used for most profiles.

MILLING OF SERRATIONS



Solid carbide milling cutter

For high feed rates and short machining times due to up to 5 cutting edges with maximum stability. Suitable for large production series.



PWP interchangeable milling cutter

A more cost-effective alternative to the solid carbide milling cutter with two cutting edges for small and medium production series.



FURTHER APPLICATIONS AND SOLUTIONS

We are the ideal partner for turning applications, drilling, shaping or milling



















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