UGT SOLID CARBIDE END MILLS

Applications:
- Machining of stainless- and acid-resistant materials
- Machining of titanium- and nickel-based alloys
- For minor applications, these tools are also suitable for machining of hardened steel up to 58 HRC (using optimum milling strategies)
- For slot milling up to 1.5 x D cutting depth
- For contour-milling total cutting length can be used

Your advantages:
- Roughing and finishing with one tool
- Outstanding surface finish in finishing operations
- Unequal division and unequal helix angles allow vibration-free machining and extremely smooth running
- Increased process reliability and extended tool-life
- Efficient machining of difficult machinable materials
- End mill diameters from 3 to 25 mm

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Cutting Speeds for machining stainless steel and heat-resistant alloys

Stainless steel:
- 1.4301, 1.4541, 1.4307 etc.
- 1.4401, 1.4571, 1.4404 etc.

Heat resistant alloys:
- 1.4542 etc.
- Inconel 218 etc.

These speed and feed values are approximate. Customer-specific factors, such as input power, machine stability, tool overhang etc. are not taken into consideration. In order to guarantee optimum and efficient cutting conditions with our tools, please ask our office or one of our applications engineers.

End Mills UGT
4 teeth, for machining stainless steel and heat-resistant alloys

0504 56
- 4-flute end mills, plain shank, shark corner, centre cutting, corner radius, PVST-coated

0514 56
- 4-flute end mills, plain shank, shark corner, centre cutting, PVST-coated