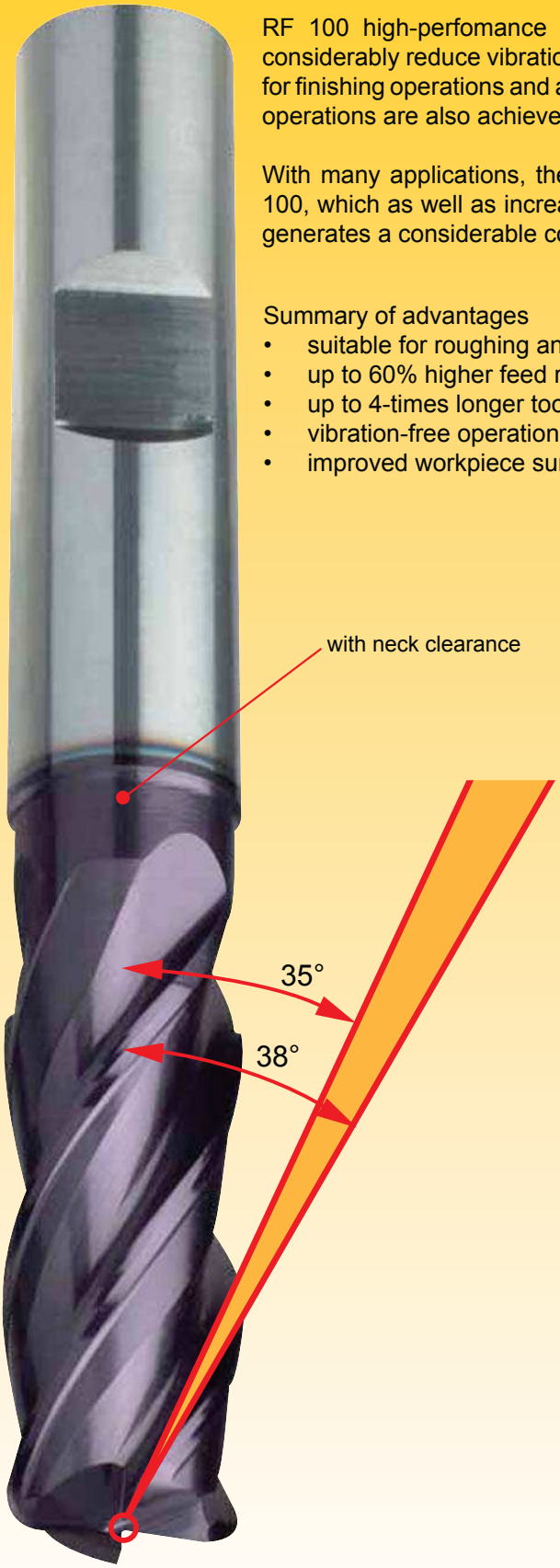
RF 100 Ti - high-performance roughing end mills for special and Ti-alloys



RF 100 high-perfomance end mills excel thanks to variable helix angles which considerably reduce vibration. The uneven helix angle vastly improves surface quality for finishing operations and a considerably higher feed rate for slot drilling and roughing operations are also achieved.

With many applications, the complete milling process can be covered with one RF 100, which as well as increasing tool life and dimensional accuracy of the workpiece generates a considerable cost advantage.

Summary of advantages
- suitable for roughing and finishing
- up to 60% higher feed rates
- up to 4-times longer tool life
- vibration-free operation
- improved workpiece surface quality

High wear protection through constant rake angle in radius area

Seamless radius area for high form and contour accuracy

Material	Alloyed Steel	Tool Steel	Cast iron		Stainless steel		Aluminium		Ti-special alloys		H	
Hardness	up to 28HRc	over 28HRc	up to 180 HB 30	over 180 HB 30	up to 28HRc	over 28HRc	up to 3% Si	over 3% Si	Ti-based	Ni-based	up to 52 HRC	above 52 HRC
RF 100 U	○	●	●	●					●		○	
RF 100 U/HF	○	●	●	●					○		○	
RF 100 F	●	○	○		○	●		○	○	●		
RF 100 VA	●	○	○	○	●	●		○	●	○		
RF 100 VA/NF	●	○	○	○	●	●			●	○		
RF 100 A							●	●				
RF 100 A/WF							●	●				
RF 100 Ti	○	●	○	○					●	○	○	
RF 100 H		○		○							●	●
RF 100 SF	●	●	●	●	●	●	○	○	●	●	○	

● = optimal suitability ○ = limited suitability

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