

RF 100 VA- ball nose end mills

The RF 100 VA ball nose end mill is based on the RF 100 variable helix design for tougher materials but with a full ball nose design for finishing operations. The variable helix design increases tool life dramatically while reducing vibration in the cut. Part finish quality is improved dramatically over standard helix ball nose carbide end mill designs.



Material	Alloyed Steel		Tool Steel		Cast iron		Stainless steel		Aluminium		Ti-special alloys		H
	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