

Recommendation for Use

Product group	Carbon steel			Bimetal									
Item group	EXTRA 500	DIAMANT 510	JET 515	ECOFLEX 523	PROFLEX 524	BIFLEX 526	VARIO 528	MARATHON 529	BIFLEX 530	MARATHON 531	GIGANT 532	GIGANT 533	VECTOR 534
Cutting edge material	Carbon	Carbon	Carbon	M42	M42	M42	M42	M42	M51	M51	M42	M51	M42
Structural steels Case hardened steels Machining steels	<50												
	50-400												
	>400										VA		
Unalloyed tool steel Spring steel Ball bearing steel	<50												
	50-400												VA
	>400										VA		
High-speed steels- Cold work steel	<50												
	50-400												HV
	>400										HV		
Nitriding steel Quenched and tempered steel Hot working tool steel	<50												
	50-400												VA
	>400										VA		
Stainless steels	<50												
	50-400												
	>400										VA		
High-temperature resisting steel Heat-resisting steel	<50												
	50-400												
	>400											VA	
Nickel base alloys Special alloys	<50												
	50-400												
	>400											VA	
Steels with high tensile strength >1200 N/mm²	<50												
	50-400												
	>400											HV	
Inductively hardened and chrome coated shafts	<50												
	50-400												
	>400												
Cast	<50												
	50-400												
	>400										HV		
Titanium alloy	<50												
	50-400												
	>400											VA	
Aluminium Copper	<50												
	50-400												
	>400												
Brass Bronze Red cast	<50												
	50-400												
	>400												
Aluminium bronze	<50												
	50-400												
	>400											HV	
Abrasive structural steels	<50												
	50-400												
	>400												
Carbon	soft												
	medium												
	hard												
Plastics	<50												
	50-400												
	>400												
Glass Glass fibre Marble	<50												
	50-400												
	>400												

Ideal
 Suitable
 Contingently suitable

