

RECOMMENDATION FOR USE

PRODUCT GROUP		Carbon steel		Bimetal					
ITEM GROUP		DIAMANT 510	JET 515	ECOFLEX 523	PROFLEX 524	VARIO 528	MARATHON 529	MARATHON 531	GIGANT 532
MATERIAL GROUPS		Carbon	Carbon	M42	M42	M42	M42	M51	M42
1	Structural steels, deep drawing steels, machining steels	○							
		●							HV
2	Structural steels, quenched and tempered steels	○							
		●							HV
3	Case hardened steels, spring steels, quenched and tempered steels	○							
		●							HV
4	Low alloyed hot-work steels	○							
		●							HV
5	Nitriding steels, high alloyed hot-working steels	○							
		●							HV
6	Unalloyed tool steels	○							
		●							HV
7	Cold work steels	○							
		●							HV
8	High-speed steels	○							
		●							HV
9	Cast iron	○							
		●							HV
10	Rust- and acid-resistant steels (light)	○							
		●							VA
11	Rust- and acid-resistant steels (heavy)	○							
		●							VA
12	Duplex and heat-resistant steels	○							
		●							VA
13	Nickel-base alloys	○							
		●							
14	Induction hardened and chrome coated shafts	○							
		●							
15	Aluminium	○		NE					
		●		NE					
16	Copper	○							
		●							
17	Brass	○							
		●							
18	Aluminium bronze	○							
		●							
19	Titanium alloys	○							
		●							
20	Abrasive building materials	○							
		●							
21	Carbon	soft							
		hard							
22	Plastics	○							
		●							
23	Glass, fibre glass, marble, silicon	○							
		●							
24	Tyres	○							
		●							

 Suitable

○ Tubes, profiles, solid material (< 50 mm)

● Solid material (> 50 mm)

