

Application Table for Diamond Cutoff Wheels

Material		Dry and wet cutting									
		Angle grinder									
		115 to 230									
		115 to 350	Zebra Longlife	Zebra Longlife	Zebra Longlife	Zebra Longlife	Zebra Longlife	Zebra Speed	Zebra Speed*	Zebra Speed	Würth
Wheel type	Zebra Longlife & Speed Constr. site 0666 760 ...	Concrete 0666 700 ...	Sand lime brick 0666 710 ...	Granite 0666 720 ...	Roof 0666 740 ...	Concrete 0666 800 ...	Tiles 0666 830 ...	Roof 0666 840 ...	Concrete 0668 700 ...	Sand-lime brick 0668 710 ...	
Concrete	Old concrete/concrete	++	++	+	+	+	++	-	++	++	+
	Washed concrete	++	++	+	+	+	++	-	++	++	+
	Concrete, reinf. (light/welded wire fabric)	++	++	+	+	+	++	-	+	++	+
	Concrete, heavily reinf. (up to 25 mm)	++	+	-	-	-	+	-	+	-	-
	Fresh concrete (abrasive) up to 2 days	-	-	++	-	-	-	-	-	-	+
	Fresh concr. (abrasive) older than 2 days	-	+	+	-	-	-	-	-	+	++
	Aerated concrete/lightweight concrete	+	+	++	-	+	+	-	+	+	++
	Gas concrete (Hebel/Ytong)	+	+	++	-	+	+	-	+	+	++
	Concrete blocks	++	++	+	+	+	++	-	++	++	+
	Interlocking paving stones	++	+	+	+	+	++	-	++	+	+
	Concrete roofing tiles / pantiles	++	+	+	-	++	++	-	++	+	+
	Concrete piping	++	++	+	+	++	++	-	++	++	+
	Concrete masonry bricks	++	++	+	+	+	+	-	++	++	+
	Pumice	+	+	+	-	-	+	-	+	+	+
	Screed	+	-	+	-	-	-	-	-	-	+
Mortar/plaster	+	+	+	-	-	+	-	-	+	++	
Sand-lime brick	Soft	++	-	++	-	-	+	-	-	-	++
	Highly compressed (hard)	++	+	+	+	-	+	+	+	+	+
Natural stone	Travertine	+	+	+	++	+	+	++	+	+	-
	Slate	++	+	+	+	+	+	++	++	+	-
	Sandstone	+	-	+	-	-	-	+	-	-	+
	Porphyry	++	+	+	++	+	+	+	++	+	-
	Marble	+	+	-	++	+	+	++	++	-	-
	Limestone	+	+	-	++	+	+	++	+	-	-
	Granite (soft)	++	-	+	++	-	++	++	++	-	-
	Granite (hard)	++	+	+	++	-	+	++	++	-	-
	Gneiss	++	-	+	++	-	+	++	++	-	-
Basalt	+	+	+	++	+	+	++	+	+	-	
Terrazzo	++	+	+	++	-	+	++	++	-	-	
Asphalt	-	-	-	-	-	-	-	-	-	-	
Fireproof	Fireclay bricks	+	-	+	-	+	+	-	+	-	+
	Tiles	-	-	-	-	-	+	++	+	-	-
	Cotto plates	++	-	-	+	+	+	++	+	-	-
	Fine earthenware	-	-	-	+	+	+	++	+	-	-
	Frankfurt pantiles	-	-	-	-	-	+	+	++	-	-
	Pantiles, glazed	-	-	-	-	-	+	+	++	-	-
	Tiles, glazed	-	-	-	-	-	+	++	+	-	-
	Vitrified-clay pipes	++	++	+	+	+	++	+	++	-	-
	Clinker bricks (hard)	++	++	+	+	+	+	-	++	+	-
	Clinker bricks (soft)	++	+	+	+	+	+	-	++	+	+
	Paving clinkers	++	++	+	+	+	+	-	++	+	-
	Clay tiles (hard)/Poroton	++	++	+	+	++	++	++	++	+	-
	Clay tiles (soft)/Poroton	+	+	+	+	++	+	++	++	+	+
Pipes	Concrete piping	++	++	+	+	++	++	-	++	++	+
	Ductile cast iron pipes	++	+	-	+	-	+	-	-	-	-
	Plastic pipes	+	+	+	+	-	+	++	-	-	-
	SML pipes	+	+	-	+	-	+	-	+	-	-
Eternit		-	-	+	+	+	-	+	+	+	-
	Gypsum, gyps. plasterboard	+	+	++	+	+	+	+	+	+	+

◆ For angle grinders and hand-held/pavement saws

++ Highly suitable

+ Suitable

- Not suitable