

Diamond selection

Selecting the correct diamonds for your application

The following suggestions cover the basic principles for diamond selection for different applications.

Application	Metal bond	Grit size	Full-set	Half set	Singles / Twins
Flatten floor - Hard concrete	SOFT	16 or 30	X		S
Flatten floor - Medium concrete	MEDIUM	16 or 30	X		S
Flatten floor - Soft concrete	HARD	16 or 30	X		T
Ceramic tile adhesive removal	HARD	6, 16 or 30	X		S/T
Vinyl or Carpet glue removal - Hard concrete	SOFT	16 or 30		X	S/T
Vinyl or Carpet glue removal - Medium concrete	MEDIUM	6 or 16		X	T
Vinyl or Carpet glue removal - Soft concrete	HARD	6 or 16		X	T
Epoxy paint removal - Hard concrete	SOFT	6, 16 or 30	X	X	S
Epoxy paint removal - Medium concrete	MEDIUM	6, 16 or 30	X		S
Epoxy paint removal - Soft concrete	HARD	6, 16 or 30	X		S/T
Rain damaged concrete	HARD	16 or 30	X		S/T
Smoothen exposed aggregate	HARD	16 or 30	X		S/T
Lippage removal in terrazzo - stone tiles	SOFT	30 or 60	X		S
Surface polishing of concrete floors - Hard concrete	SOFT	60		X	S/T
Surface polishing of concrete floors - Medium concrete	MEDIUM	60		X	S/T
Surface polishing of concrete floors - Soft concrete	HARD	60		X	T
Grinding to exposed aggregate in concrete - Hard concrete	SOFT	16 or 30	X		S
Grinding to exposed aggregate in concrete - Medium concrete	MEDIUM	16 or 30	X		S
Grinding to exposed aggregate in concrete - Soft concrete	HARD	16 or 30	X		T
Flatten undulation in concrete floors - Hard concrete	SOFT	16 or 30	X		S
Flatten undulation in concrete floors - Medium concrete	MEDIUM	16 or 30	X		S
Flatten undulation in concrete floors - Soft concrete	HARD	16 or 30	X		T