

SOLID END MILLS

END MILLS SELECTION CHART

Group	Type	Feature	Flutes	Code	Shape	Coating	Substrate	Size range	Work material										Page number	
									P	H	M	S	N	Graphite	Dimensions	Cutting conditions				
									Carbon steel, Alloy steel, Cast iron	Tool steel, Pre-Hardened steel, Hardened steel	Hardened steel(—55HRC)	Hardened steel(55HRC—)	Austenitic stainless steel				Titanium alloy, Heat resistant alloy	Copper alloy	Aluminium alloy	
CRN / For Copper																				
	Ball	General	2	CRN2MB				R0.2—R6								◎	○		I258	I259
		Long neck		CRN2XLB				R0.1—R3								◎	○		I260	I263
	Square	General	4	CRN2MS				φ0.2—φ12								◎	○		I252	I253
		Long neck		CRN4JC				φ3—φ12								◎	○		I257	I257
	Radius	Long neck	2	CRN2XL				φ0.2—φ6								◎	○		I254	I256
		General		CRN2MRB				φ6—φ12								◎	○		I264	I265
		Long neck		CRN2XLRB				φ0.5—φ6								◎	○		I266	I267
DIAMOND (DFC) / For CFRP																				
	Square	General	4	DFC4JC				φ6—φ12	For CFRP									I272	I272	
		10 12	DFCJRT				φ6—φ12										I273	I273		
DIAMOND (DF) / For Graphite																				
	Ball	General	2	DF2MB				R3—R6	GFRP : ○ CFRP : ○								○	◎	I277	I277
		Long neck		DF2XLB				R0.2—R2									○	◎	I278	I280
	Taper neck	3	DF3XB				R0.5—R2	○									◎	I281	I282	
	Square	General	4	DF4JC				φ3—φ12									○	◎	I274	I274
		Long neck		DF4XL				φ1—φ12									○	◎	I275	I276