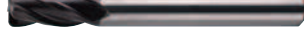
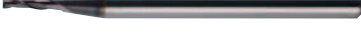
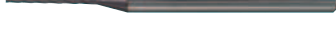


Group	Type	Feature	Flutes	Code	Shape	Coating	Substrate	Size range	Work material										Page number	
									P	H	M	S	N	Graphite	Dimensions	Cutting conditions				
									Carbon steel, Alloy steel, Cast iron	Tool steel, Pre-Hardened steel, Hardened steel	Hardened steel(—55HRC)	Hardened steel(55HRC—)	Austenitic stainless steel				Titanium alloy, Heat resistant alloy	Copper alloy	Aluminium alloy	
Solid End Mills	Square	High helix	4	MSMHD				φ2 —φ25	◎	◎	○		◎	◎				I052	I054	
				MSJHD				φ2 —φ20	◎	◎	○		◎	◎				I055	I056	
		Variable helix		MS5HV				φ6 —φ20	◎	◎	○		◎	○				I131 I132	I133	
				MSMHV				φ6 —φ20	◎	◎	○		◎	○				I131 I132	I133	
		Small lathe	2	MS2ES				φ3 —φ12	◎	◎	○		○	○				I068	I070	
			3	MS3ES				φ3 —φ12	◎	◎	○		○	○				I069	I070	
			4	MS4EC				φ3 —φ14	◎	◎	○		○	○				I071	I072	
		Radius	General	2	MS2MRB				φ1 —φ12	◎	◎	○		○	○				I087	I089
				4	MS4MRB				φ3 —φ20	◎	◎	○		○	○				I092	I094
	Long neck		2	MS2XLRB				φ1 —φ6	◎	◎	○		○	○				I090	I091	
	High helix		4	MSMHDRB				φ2 —φ20	◎	◎	○		◎	◎				I095	I097	
	Taper	General	2	MS2MT				φ0.2 —φ10	◎	◎	○		○	○				I098	I102	
		Taper ball	2	MS2MTB				R0.2 —R1.5	◎	◎	○		○	○				I114	I115	
		Rib milling	4	MS4LT				φ0.2 —φ3	◎	◎	○		○					I103	I109	
				MS4LTB				R0.3 —R1	◎	◎	○		○	○				I110	I113	
	Ball	General	2	MS25B ^{new} E				R1 —R6	◎	◎	○		○					I126	I128	
				MS2MB ^{new} E				R1 —R6	◎	◎	○		○					I127	I128	

◎ : 1st recommendation / ○ : 2nd recommendation