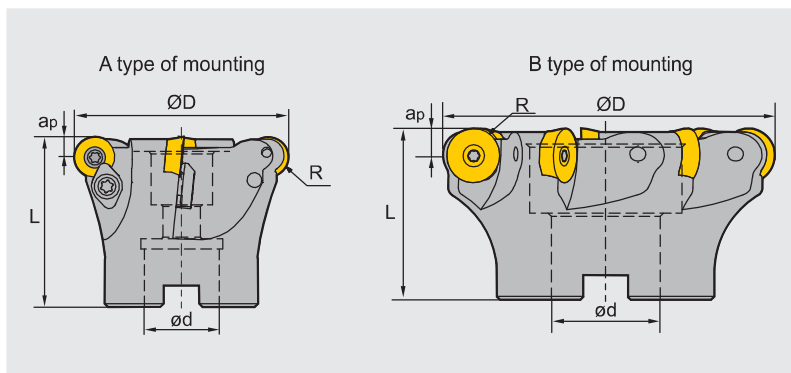


Face milling tools



FMR04



Specification of tools

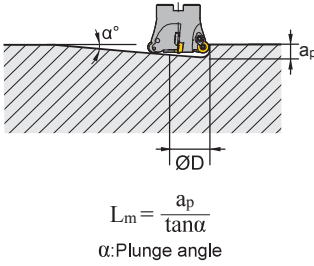
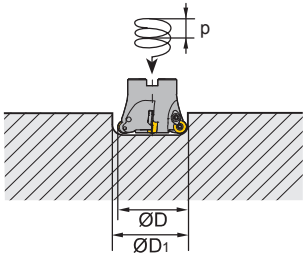
Type		Dimensions(inch)						
		ØD	R	ød	L	apmax	Z (Number of teeth)	Interface form
FMR04	-2.00"-A0.75"-RD12-04	2.00	0.236	0.75	2.00	0.236	4	A
	-2.50"-A0.75"-RD12-04	2.50	0.236	0.75	2.00	0.236	4	A
	-3.00"-A1.00"-RD16-05	3.00	0.315	1.00	2.00	0.315	5	A
	-4.00"-B1.25"-RD16-06	4.00	0.315	1.25	2.00	0.315	6	B
	-5.00"-B1.50"-RD20-06	5.00	0.394	1.50	2.50	0.394	6	B
	-6.00"-B1.50"-RD20-07	6.00	0.394	1.50	2.50	0.394	7	B

Spare parts

Diameter ØD	Insert specification	Insert screw	Wedge	Wedge Screw	Wrench	Sketch of installation
Ø2.00"~Ø2.50"	RDKW1204MO	I60M3.5×10	WD-204	I60M4×10	WT15IT	
Ø3.00"~Ø4.00"	RDKW1605MO	I60M5×13	WD-207	I60M5×13	WT20IT	
Ø5.00"~Ø6.00"	RDKW2006MO	I43M6×16	--	--	WT25IT	



Ramp milling, helical interpolation milling

	Insert	Diameter ØD(in)	Max. cutting depth ap(in)	Max. cutting depth α°	Min. length Lm(in)	Min. diameter ØD1(in)	Max. diameter (in)
<p>● Ramp milling</p>  <p>$L_m = \frac{a_p}{\tan \alpha}$ α: Plunge angle</p> <p>● Helical interpolation milling</p>  <p>$P = \tan \alpha \times \pi \times D_1$ α: Helix angle</p>	RDKW12**	2.00"	0.236	7.1	1.890	3.465	0.236
		2.50"	0.236	5.1	2.638	4.488	0.236
	RDKW16**	3.00"	0.315	5.6	3.209	5.669	0.315
		4.00"	0.315	4.1	4.350	7.244	0.315
	RDKW20**	5.00"	0.394	4.2	5.360	9.055	0.394
		6.00"	0.394	3.0	7.480	11.810	0.394

Reduce the feed rate when plunging and circular milling.
"Attention"—drilling can form long chips.