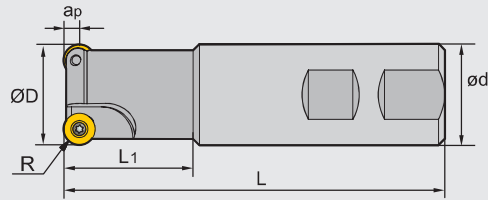


Face milling tools






FMR03 **P** **M** **K** **S**

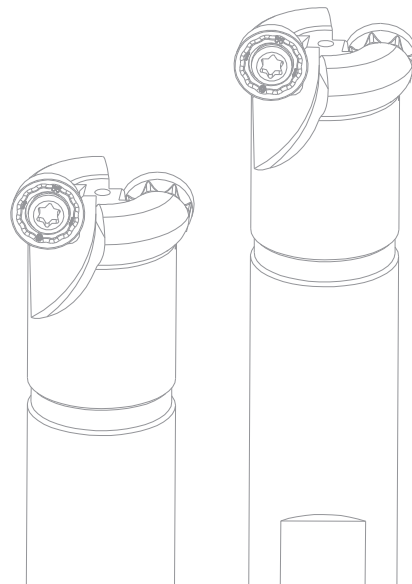


Specification of tools

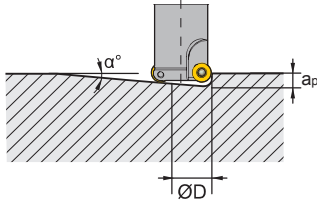
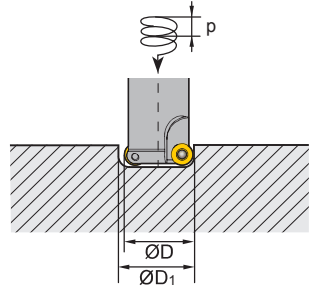
Type		Dimensions(inch)						
		ØD	R	ød	L ₁	L	a _{pmax}	Z (Number of teeth)
FMR03	-1.00"-XP1.00" -RD08-02	1.00	0.157	1.00	1.75	4.00	0.157	2
	-1.25"-XP1.25" -RD10-02	1.25	0.197	1.25	2.50	4.75	0.197	2
	-1.50"-XP1.25" -RD12-03	1.50	0.236	1.25	2.50	4.75	0.236	3
	-2.00"-XP1.25" -RD12-03	2.00	0.236	1.25	2.50	4.75	0.236	3

Spare parts

Diameter ØD	Insert specification	Insert screw	Wrench	Sketch of installation
				
Ø1.00"	RDKW0803MO	I60M3×7	WT09IP	
Ø1.25"	RDKW10T3MO	I60M4×10	WT15IP	
Ø1.50"~Ø2.00"	RDKW1204MO			



Ramp milling, helical interpolation milling

	Insert	Diameter ØD(in)	Max.cutting depth ap(in)	Max.cutting depth α°	Min.length L _m (in)	Min.diameter ØD ₁ (in)	Max.diameter (in)
<p>● Ramp milling</p>  $L_m = \frac{a_p}{\tan \alpha}$ <p>α: Plunge angle</p>	RD**08**	1.00"	0.157	8.8	1.016	1.634	0.157
	RD**10**	1.25"	0.197	8.4	1.340	2.126	0.197
<p>● Helical interpolation milling</p>  $P = \tan \alpha \times \pi \times D_1$ <p>α: Helix angle</p>		1.50"	0.236	10.3	1.300	2.677	0.236
	RD**12**	2.00"	0.236	7.1	1.890	3.465	0.236

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

