

Face Milling

# MFA143

Arbor

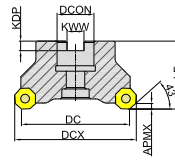


Fig1

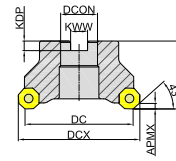


Fig2

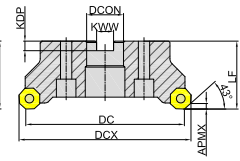


Fig3

Ordering Code	Dia-meter	Teeth	Dimension(mm)							APMX	Suitable for	Coolant	Shape	Stock
			DC	DCX	DCON	LF	KWW	KDP						
MFA143040R03A16OD06	40	3	40	50	16	40	8.4	5.6	4	ODK(M)T0605	×	Fig1	●	
MFA143050R04A22OD06	50	4	50	60	22	40	10.4	6.3	4	ODK(M)T0605	×	Fig1	●	
MFA143063R05A22OD06	63	5	63	72	22	40	10.4	6.3	4	ODK(M)T0605	×	Fig1	●	
MFA143080R06B27OD06	80	6	80	90	27	50	12.4	7	4	ODK(M)T0605	×	Fig2	●	
MFA143100R07B32OD06	100	7	100	110	32	50	14.4	8	4	ODK(M)T0605	×	Fig2	●	
MFA143125R08B40OD06	125	8	125	135	40	63	16.4	9	4	ODK(M)T0605	×	Fig2	●	
MFA143160R10C40OD06	160	10	160	170	40	63	16.4	9	4	ODK(M)T0605	×	Fig3	●	
MFA143200R12C60OD06	200	12	200	210	60	63	25.7	14	4	ODK(M)T0605	×	Fig3	●	

● Stock ○ Available Upon Order

## Spare Parts

Part Name		Inserts Screw	Insert Screw Wrench	
ODK(M)T0605	Shape			
	Specification	SI60M5.0X10.8-07209	TT20P	TT20T
	Ordering Code	SI60M050108-07209S	TT20PQ	TT20TQ

## Recommended Cutting Data

Workpiece	Hardness	Grade	Specification	Ap (mm)	Cutting Speed Vc(m/min)	Feed Rate/Edges fz(mm)			
						Light Cutting(L)	Medium Cutting(M)	Heavy Cutting(H)	
<b>P</b>	Soft Steel	≤ HB180	GA4225 GA4230	ODK(M)T0605	2	220 (180-260)	0.2 (0.1-0.3)	0.25 (0.15-0.35)	0.3 (0.2-0.4)
	Carbon Steel, Alloy Steel	HB180-350	GA4225 GA4230 GP2115	ODK(M)T0605	2	220 (180-260)	0.15 (0.1-0.2)	0.25 (0.15-0.35)	0.3 (0.2-0.4)
	Pre-harden Steel	HRC35-45	GA4230 GA4225 GP2115	ODK(M)T0605	2	150 (110-190)	0.1 (0.05-0.15)	0.15 (0.1-0.2)	0.2 (0.1-0.3)
<b>M</b>	Stainless (Ferrite, Martensite)	≤ HB270	GM2140 GA4230	ODK(M)T0605	2	160 (120-200)	0.15 (0.1-0.2)	0.25 (0.15-0.35)	0.3 (0.2-0.4)
	Stainless (Austenite, Diphasic)	≤ HB270	GM2140	ODK(M)T0605	2	140 (100-180)	0.1 (0.05-0.15)	0.15 (0.1-0.2)	0.2 (0.1-0.3)
<b>K</b>	Grey Cast Iron	≤ HB280	GK2115 GK4125	ODK(M)T0605	2	180 (140-220)	0.2 (0.1-0.3)	0.25 (0.15-0.35)	0.3 (0.2-0.4)
	Nodular Cast Iron, Vermicular Graphite Cast Iron	≤ HB350	GK4125 GK2115	ODK(M)T0605	2	160 (120-200)	0.15 (0.1-0.2)	0.25 (0.15-0.35)	0.3 (0.2-0.4)
<b>N</b>	Nonferrous Metal	HB60-210	GN9125	ODKT0605	2	≥ 300	0.15 (0.1-0.2)	0.2 (0.1-0.3)	0.25 (0.2-0.4)
<b>S</b>	Heat- resistant Alloy and Titanium Alloy	HRC30-45	GS4130	ODK(M)T0605	2	40 (30-60)	0.15 (0.1-0.2)	0.2 (0.1-0.3)	--