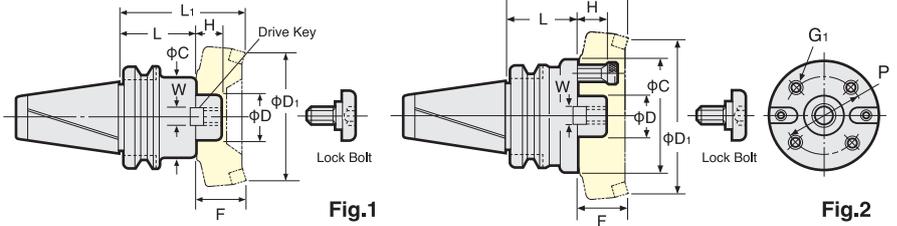


3LOCK MIT FACE MILL ARBOR TYPE A/SHOULDER CUTTER ARBOR



Photo. shows with face mill cutter.

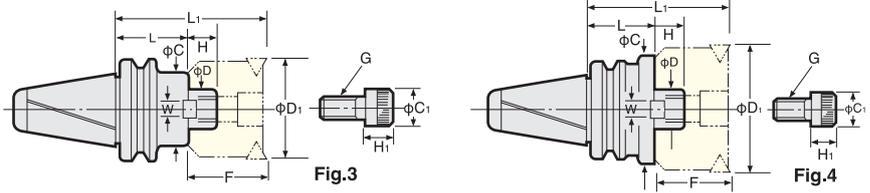
JIS B4113 Face Mill Cutter



3LOCK tooling (MIT) can be used as the triple contact tooling on the M/C where spindle is IT double face contact system.

FMA

TAPER	Code No. (φD-L)	Arbor			Weight (kg)	With Cutter			Drive Key	Lock Bolt	Fig.
		H	C	W		L ₁	D ₁	F			
No. 40	MIT40-FMA25.4 - 45, 90	22	50	9.5	1.5, 3.1	95, 140	80	50	FW 5	FM12	1
	-FMA31.75 - 45, 75	30	60	12.7	1.7, 3.1	105, 135	100	60	FW13	FM16	
	-FMA38.1 - 60	34	80	15.9	2.9	120	125	60	FW18	FM20	
No. 50	MIT50-FMA25.4 - 45, 90, 150	22	58	9.5	3.7, 4.6, 5.5	95, 140, 200	80	50	FW 5	FM12	1
	-FMA31.75 - 45, 75, 105	30	70	12.7	4.5, 5.3, 6.1	105, 135, 165	100	60	FW12, 13	FM16	
	-FMA38.1 - 45, 75	34	80	15.9	4.3, 5.6	105, 135	125	60	FW18, 19	FM20	
	-FMA50.8 - 45, 75	36	100	19	4.9, 6.8	105, 135	160	60	FW23, 24	FM24	
	-FMA47.625- 75*	38	128.57	25.4	7.7	135	200	60	FW26	*	



3LOCK tooling (MIT) can be used as the triple contact tooling on the M/C where spindle is IT double face contact system.

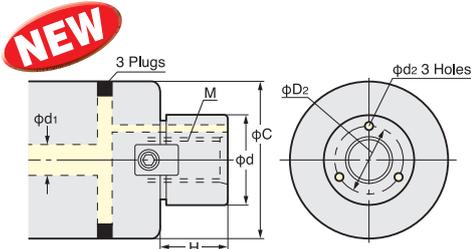
FMC FMA For SANDVIK T-MAX Shoulder Face Mill/SUMITOMO CHE5,000 Series

TAPER	Code No. (φD-L)	Arbor			Weight (kg)	With Cutter			C ₁	H ₁	Fig.	
		H	C	W		L ₁	D ₁	F				G Cap Bolt
No. 40	MIT40-FMC22-45, 90	18	45	10	1.3, 2.0	85, 130	50	40	M10×30	16	10	3
	-FMC27-60, 90	20	60	12	1.5, 2.2	110, 140	80	50	M12×35	18	12	4
	-FMC32-60, 75	22	85	14	2.3, 2.6	110, 125	125	50	M16×35	24	16	
No. 50	MIT50-FMC22-60, 105, 150	18	45	10	4.2, 4.7, 5.3	100, 145, 190	50	40	M10×30	16	10	3
	-FMC27-45, 90, 150	20	70	12	4.1, 5.5, 7.3	95, 140, 200	80	50	M12×35	18	12	
	-FMC32-45, 75, 105	22	85	14	4.2, 5.5, 7.0	95, 125, 155	125	50	M16×35	24	16	

- ★ Drive keys, L wrench and bolt are supplied as standard.
- ★ The arbor weight is only for the arbor.
- ★ The different type of the cap bolt may be used for the recent cutter. Please check the specification.
- ★ The arbor marked * requires 4 fixing bolts (FMA47.625 : M16, P=101.6)
- ★ Extended length is available as an option. MIT50-FMA25.4 -200, 250, ...500
-FMA31.75-150, 200, ...500
-FMA38.1 -150, 200, ...500



High Feed Cutter Arbor with Coolant Hole



Code No.	Cutter Dia.	φd	φC	M	H	Coolant Hole		
						φD ₂	φd ₁	φd ₂
FMH22 (22.225)	φ50, φ52	22(22.225)	47	M10×1.5	18(17)	16	6~8	3
	φ63, φ66		60					
FMH27 (25.4)	φ80	27(25.4)	76(70)	M12×1.75	20(22)	19.5(18.5)	8~10	3.5
FMH32 (31.75)	φ100	32(31.75)	96	M16×2.0	22(30)	24	10~13	4
FMH40 (38.1)	φ125	40(38.1)	100	M20×2.5	26(34)	30(29)	10~15	5
FMH50.8	φ160	50.8	100	M24×3.0	36	37.5	15~20	7

★ Fixing dimension is basically based on FMA/FMC. ★ The combination of the other cutter dia. are also available.

3LOCK tooling (MIT) can be used as the triple contact tooling on the M/C where spindle is IT double face contact system.

FMH High Feed Cutter Arbor with Coolant Hole

TAPER	Code No. (φD-L)	Arbor							Weight (kg)	Drive Key	Lock Bolt	G Cap Bolt
		H	C	W	C ₁	C ₂	H ₁	H ₂				
No. 40	MIT40-FMH22 - 47(60)-45	18	47(60)	10	16	—	10	—	1.3(1.4)	FW 8	—	M10×30
	-FMH27 - 60(76)-60	20	60(76)	12	18	—	12	—	1.8(2.2)	FW11	—	M12×35
	-FMH32 - 96-60	22	96	14	24	—	16	—	2.9	FW16	—	M16×35
	-FMH40 -100-60	26	100	16	50	27	14	6	3.1	FW22	FM20	—
No. 50	MIT50-FMH22 - 47(60)-60	18	47(60)	10	16	—	10	—	4.2(4.5)	FW 8	—	M10×30
	-FMH27 - 60(76)-45	20	60(76)	12	18	—	12	—	3.9(4.1)	FW10	—	M12×35
	-FMH32 - 96-45	22	96	14	24	—	16	—	4.2	FW15	—	M16×35
	-FMH40 -100-45	26	100	16	50	27	14	6	5.1	FW20	FM20	—
	-FMH50.8 -100-45	36	100	19	65	37	14	10	4.4	FW23	FM24	—

★ FMH22, 225, FMH25.4, FMH31.75, FMH38.1 are also available.

★ For FMH22, there are two types of φC, φ47 and φ60. For FMH27, there are two types of φC, φ60 and φ76.