

▶▶ Thru-the-tool Coolant Available (Option)

▶▶ BBT Available

FIG.1

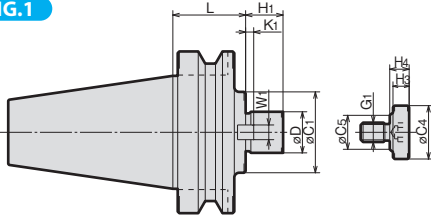


FIG.4

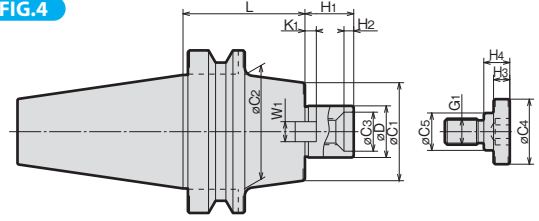


FIG.2

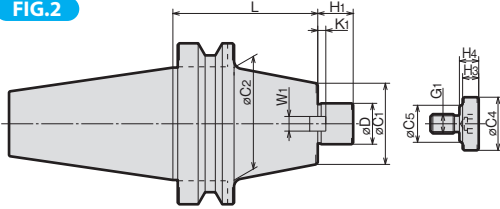


FIG.5

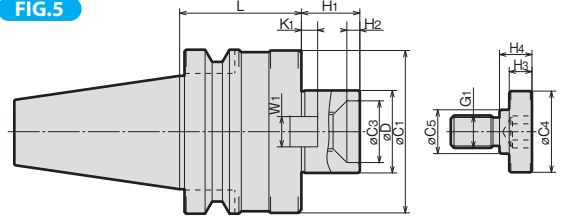


FIG.3

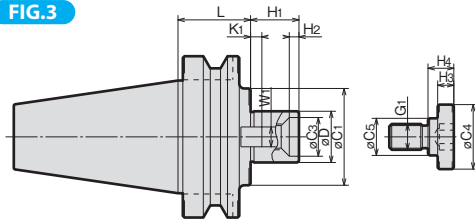
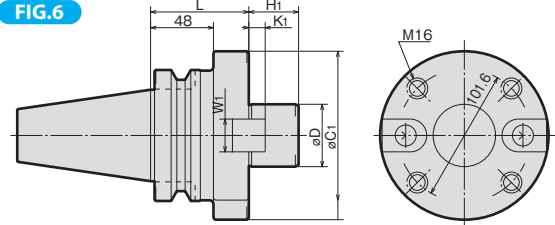


FIG.6



MODEL	FIG.	øD(h6)	L	øC1	øC2	øC3	H1	H2	KEY		G1	CLAMP BOLT				N/W (kg)	
									W1	K1		øC4	øC5	H3	H4		
BT30 (BBT30)	-FMA22.225-035	1	22.225	35	40	-	18	-	8.0	4	M8	20	15	7	9	0.57	
	-FMA25.4-035		25.4	35	50	-	22	-	9.5	5	M12	33	23	10	12	0.72	
	-045		25.4	45	50	-	22	-	9.5	5	M12	33	23	10	12	1.0	
	-FMA31.75-045		31.75	45	60	-	24	22	6	12.7	7	M12	40	23	10	16	1.4
BT40 (BBT40)	-FMA25.4-045	1	25.4	45	50	-	22	-	9.5	5	M12	33	23	10	12	1.5	
	-060			60												1.7	
	-105			105												2.6	
	-150			150												3.1	
	-200			200												4.5	
	-FMA31.75-045	1	31.75	45	60	-	24	30	6	12.7	7	M16	40	23	10	16	1.6
	-060			60													2.0
	-090			90													2.7
	-150			150													4.0
	-FMA38.1-045			1													38.1
-060	60	2.5															
-090	90	3.3															
-FMA50.8-045	1	50.8	45	100	-	38	36	10	19.05	10	M24	65	37	14	24	3.0	
-075			75													3.6	
BT50 (BBT50)	-FMA25.4-045	2	25.4	50	-	-	22	-	9.5	5	M12	33	23	10	12	4.1	
	-090															90	5.0
	-105															105	5.4
	-150															150	6.4
	-200															200	7.7
	-250			250	8.8												
	-300			300	9.9												
	-350			350	11.0												
	-400			400	12.2												
	-500			500	14.6												

MODEL	FIG.	øD(h6)	L	øC1	øC2	øC3	H1	H2	KEY		G1	CLAMP BOLT				N/W (kg)																		
									W1	K1		øC4	øC5	H3	H4																			
BT50 (BBT50)	-FMA31.75	-045	1	31.75	60	70	24	30	6	12.7	7	M16	40	23	10	16	45	4.2																
																	75	5.1																
																	105	5.6																
																	150	6.7																
																	200	8.3																
																	250	9.6																
																	300	10.9																
																	350	12.2																
																	400	13.5																
																	500	16.1																
																	-FMA38.1	-045	1	38.1	80	-	28	34	6	15.9	9	M20	50	27	14	20	45	4.6
																																	75	5.4
																																	105	6.7
																																	150	8.5
																																	200	10.4
250	12.4																																	
300	14.3																																	
350	16.3																																	
400	18.2																																	
500	22.1																																	
-FMA50.8	-045	1	50.8	98	-	38	36	10	19.05	10	M24	65	37	14	24	45																	5.0	
																75																	6.7	
																105																	8.5	
																150																	11.2	
																200																	14.1	
																250	17.2																	
																300	16.2																	
																350	18.8																	
																400	21.5																	
																500	24.6																	
																-FMA47.625-075	-105	1	47.625	128.57	-	-	38	-	25.4	12.5	M16	-	-	-	-	75	8.3	
																																105	11.2	
																																150	11.8	
																																200	14.1	
																																250	15.9	
300	17.7																																	
400	19.5																																	
500	21.4																																	

NOTE : 1. Please instruct when ordering for thru-the-tool application.

ORDERING EXAMPLE			
①	②	③	④
BT30	- FMA	25.4	- 035
① Shank Size	② Name	③ øD	④ G.L. Length

▶▶▶ Thru-the-tool Coolant Available (Option)

▶▶▶ BBT Available

FIG.1

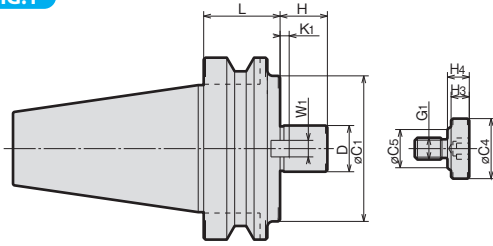


FIG.2

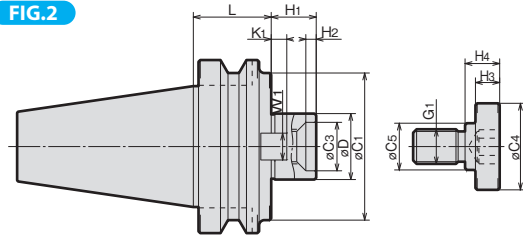


FIG.3

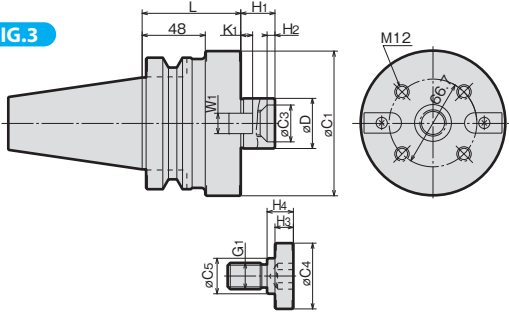
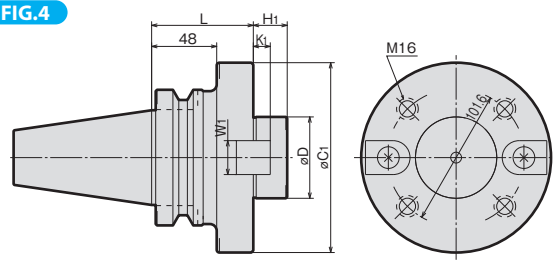


FIG.4



MODEL	FIG.	øD(h6)	L	øC1	øC3	H1	H2	KEY		G1	CLAMP BOLT				N/W (kg)	
								W1	K1		øC4	øC5	H3	H4		
BT40 (BBT40)	-FMB25.4 - 060	1	25.4	60	80	-	26	-	9.5	5	M12	33	23	10	12	1.3
				105												3.3
	-FMB38.1 - 060	2	38.1	60	85	28	26	6	15.9	9	M20	50	27	14	20	2.6
	-FMB27 - 060	1	27	60	80	-	26	-	12	6	M12	33	23	10	12	2.3
				105												3.3
-FMB40 - 060	2	40	60	85	28	26	6	16	8.5	M20	50	27	14	20	2.6	
BT50 (BBT50)	-FMB25.4 - 045	1	25.4	45	80	-	26	-	9.5	5	M12	33	23	10	12	4.1
				90												6.1
				150												8.3
				200												10.4
				250												12.6
				300												14.8
				350												17.0
				400												18.5
				500												20.6
				-FMB38.1 - 045												2
	75	5.7														
	105	7.3														
	150	8.9														
	200	11.2														
	250	13.5														
300	15.9															
350	18.2															
400	20.3															
500	24.8															
-FMB38.1F - 075	3	38.1	75	110	28	26	6	15.9	9	M20	50	27	14	20	6.6	
-FMB27 - 045	1	27	45	80	-	26	-	12	6	M12	33	23	10	12	4.1	
			90												6.1	
			150												8.3	
			200												10.4	
			250												12.6	
			300												14.5	
			350												16.5	
			400												18.5	
500	22.6															

MODEL	FIG.	øD(h6)	L	øC1	øC3	H1	H2	KEY		G1	CLAMP BOLT				N/W (kg)	
								W1	K1		øC4	øC5	H3	H4		
BT50 (BBT50)	-FMB40 - 045	1	40	45	85	28	26	6	16	8.5	M20	50	27	14	20	4.5
				75												5.8
				105												7.2
				150												9.3
				200												11.6
				250												13.8
				300												16.1
				350												18.3
				400												20.7
				500												25.1
	-FMB40F - 075	2	40	75	108	28	26	6	16	8.5	M20	50	27	14	20	6.7
				105												8.5
				150												11.1
				200												14.1
	-FMB60 - 075	3	60	75	140	-	25	-	25.4	12.5	-	-	-	-	-	8.5
105				9.6												
150				12.7												
200				13.9												
250				15.3												
300				17.1												

NOTE : For Sandvik cutters.

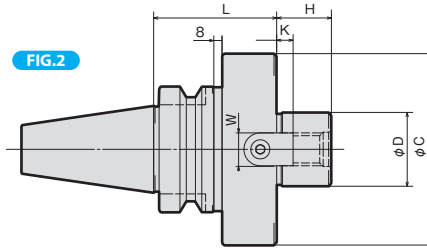
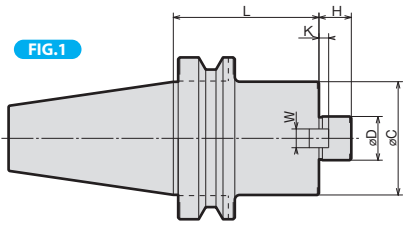
ORDERING EXAMPLE

① **BT40** - ② **FMB** ③ **25.4** - ④ **060**

- ① Shank Size
- ② Name
- ③ øD
- ④ G.L. Length

▶▶▶ Thru-the-tool Coolant Available (Option)

▶▶▶ BBT Available



ORDERING EXAMPLE			
①	BT40	-	FMC
②			25.4
③			-060
④			

① Shank Size
② Name
③ øD
④ G.L. Length

MODEL	Fig	øD(h6)	L	øC	H	K	W	CLAMP BOLT	N/W (kg)							
BT30 (BBT30)	1	-FMC16 -045	16	45	34	17	5	8	M8×25L	0.6						
		-FMC22 -045	22		45	18		10	M10×30L	0.7						
	2	-FMC27 -045	27		70	20	6	12	M12×35L	1.1						
		-FMC32 -045	32		85	22	7	14	M16×40L	1.4						
BT40 (BBT40)	1	-FMC25.4-060	25.4	60	70	20	5	9.5	M12×35L	2.0						
		-105		105						3.1						
		-FMC38.1-060	38.1	60	85	22	7	15.9	M16×40L	2.5						
		-FMC16 -045	16	45	34	16	4	8	M8×25L	1.6						
		2	-FMC22 -060		60						1.5					
			-105	22	105	45	18	5	10	M10×30L	2.1					
	2	-150		150						3.8						
		-200		200						4.8						
		-FMC27 -060	27	60	70	20	6	12	M12×35L	2.0						
		-105		105						3.1						
		-135		135						4.9						
		-FMC32 -060	32	60	85	22	7	14	M16×40L	2.4						
		-105		105						4.2						
		-150		150						5.3						
				500						24.7						
		BT50 (BBT50)	1	-FMC25.4-045	25.4	45	70	20	5	9.5	M12×35L	4.1				
-090	90			5.6												
-150	150			7.3												
-200	200			9.0												
-250	250			10.3												
-300	300			12.0												
-350	350			13.6												
-FMC38.1-045	38.1			45		85						22	7	15.9	M16×40L	4.3
-075				75												5.7
-105				105												7.1
-150				150												9.1
-200				200												11.4
-250				250												13.6
-300	300			15.8												
-350	350		18.2													
-FMC22 -060	22		60	45	18	5	10	M10×30L	4.1							
-105			105						4.7							
-150			150						5.5							
-200			200						6.1							
-250			250						6.8							
-300			300						7.6							
-350			350						8.2							
-400			400						9.0							
-500	500		10.5													
-FMC27 -045	27		45	70	20	6	12	M12×35L	4.0							
-090			90						5.4							
-150			150						7.4							
-200			200						9.0							
-250			250						10.5							
-300			300						12.1							
-350			350						13.5							
-400			400						15.1							
-500	500		16.8													
-FMC32 -045	32		45	85	22	7	14	M16×40L	4.2							
-075			75						5.8							
-105			105						7.0							
-150			150						9.1							
-200			200						11.4							
-250			250						13.8							
-300			300						16.0							
-350		350	18.1													
-400		400	20.5													
-500		500	24.7													

NOTE : For Sandvik and Seco cutters.

ACCESSORIES for FACE MILL ARBOR



CLAMP BOLT FOR FACE MILL ARBOR



FIG.1

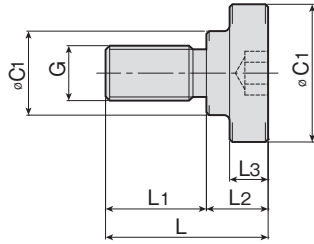
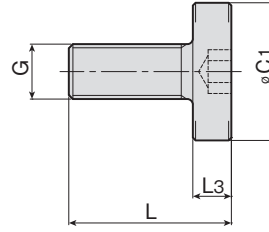


FIG.2



MODEL	CODE	FIG.	$\varnothing C1$	$\varnothing C2$	L	L1	L2	L3	G	ARBOR CODE
MBA - M 8	49771	1	20	15	23	14	9	7	M 8×P1.25	FMA22.225 SMA16
MBA - M10	49772		28	18	27	16	11	9	M10×P1.5	SMA22 SMB22.225
MBA - M12	49773		33	23	30	18	12	10	M12×P1.75	FMA,B25.4 FMB27 SMA27
MBA - M16	49774		40	23	40	24	16	10	M16×P2.0	FMA31.75 SMA32 SMB31.75
MBA - M20	49775		50	27	50	30	20	14	M20×P2.5	FMA,B38.1 FMB40 SMA40 SMB38.1
MBA - M24	49776		65	37	59	35	24	14	M24×P3.0	FMA50.8
MBH - M12	49691	2	33	—	38	—	—	10	M12×P1.75	FMH25.4 FMH27
MBH - M16	49692		40	—	45	—	—	10	M16×P2.0	FMH31.75