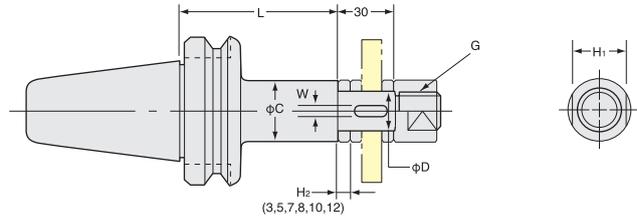


Taper contact area of more than 80% ensures reliable milling with no chattering accompanied.



SCA



**Inch Series**

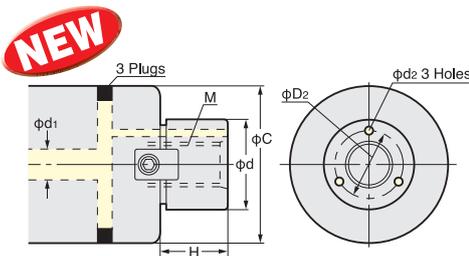
(●)figures for Metric Series

**Metric Series**

TAPER	Code No.(φD-L)	H <sub>1</sub>	C	W	G	Weight(kg)	Code No.(φD-L)
No.30	NBT30-SCA12.7 -60	17	20	—	M12	1.0	NBT30-SCA13-60
	-SCA15.875-60	23	26	3.18 (4)	M14	1.1	-SCA16-60
	-SCA22.225-60	29	34	3.18 (6)	M20	1.2	-SCA22-60
	-SCA25.4 -60	32	40	6.35 (7)	M24	1.3	-SCA27-60
No.40	NBT40-SCA12.7 -75,105	17	20	—	M12	1.2, 1.3	NBT40-SCA13-75,105
	(NIT40)-SCA15.875-75,105	23	26	3.18 (4)	M14	1.4, 1.5	-SCA16-75,105
	-SCA22.225-75,120	29	34	3.18 (6)	M20	1.7, 2.0	-SCA22-75,120
	-SCA25.4 -75,120	32	40	6.35 (7)	M24	2.0, 2.4	-SCA27-75,120
	-SCA31.75 -90	41	46	7.92 (8)	M30	2.6	-SCA32-90
No.50	NBT50-SCA12.7 -75,105	17	20	—	M12	4.0, 4.3	NBT50-SCA13-75,105
	(NIT50)-SCA15.875-90,120	23	26	3.18 (4)	M14	4.2, 4.4	-SCA16-90,120
	-SCA22.225-90,135	29	34	3.18 (6)	M20	4.4, 4.7	-SCA22-90,135
	-SCA25.4 -90,135	32	40	6.35 (7)	M24	4.5, 4.9	-SCA27-90,135
	-SCA31.75 -90,135	41	46	7.92 (8)	M30	4.7, 5.2	-SCA32-90,135
	-SCA38.1 -90,135	46	55	9.52 (10)	M36	4.9, 5.9	-SCA40-90,135

★JIS B4206, JIS B4107, JIS B4219, JIS B4109 cutters can be attached.  
 ★Key and Collars(H<sub>2</sub>=3, 5, 7, 8, 10, 12) are supplied as standard. P.104  
 ★The Code No. of Nut is unified from "GN" to "GNT".

## FMH High Feed Cutter Arbor with Coolant Hole



Code No.	Cutter Dia.	φd	φC	M	H	Coolant Hole		
						φD <sub>2</sub>	φd <sub>1</sub>	φd <sub>2</sub>
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.

## FMH

TAPER	Code No. (φD-φC-L)	Dimensions							Weight (kg)	Drive key	Bolt	G Cap Bolt
		H	C	W	C <sub>1</sub>	C <sub>2</sub>	H <sub>1</sub>	H <sub>2</sub>				
No.40	NBT40-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	NBT50-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	—	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 and 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.