

2LOCK SHOULDER CUTTER ARBOR

NIKKEN

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

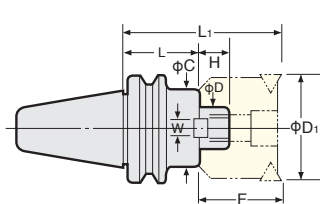


Fig.1

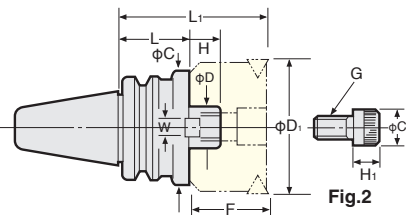


Fig.2

FMC

Inch Series

(●) figures for Metric Series

Metric Series

Dimensions					Weight (kg)	Dimensions of Arbor with cutter				C ₁	H ₁	Fig	Code No. (φD -L)
TAPER	Code No. (φD -L)	H	C	W		L ₁	D ₁	F	G CAP bolt				
No.30		18	45	10	1.4	80	50	40	M10×30	16	10	1	NBT30-FMC22- 40
No.40		18	45	10	1.3	85	50	40	M10×30	16	10	1	NBT40-FMC22- 45
					2.0	130							FMC22- 90
	NBT40-FMC25.4- 60	20	60	9.4(12)	1.5	110	80	50	M12×35	18	12	2	FMC27- 60
	-FMC25.4- 90				2.2	140							FMC27- 90
	-FMC38.1- 60	22	85	15.5(14)	2.3	110	125	50	M16×35	30 (24)	15(16)		FMC32- 60
	-FMC38.1- 75				2.6	125							FMC32- 75
No.50		18	45	10	4.2	100	50	40	M10×30	16	10	1	NBT50-FMC22- 60
					4.7	145							FMC22-105
					5.3	190							FMC22-150
	NBT50-FMC25.4- 45				4.1	95							FMC27- 45
	-FMC25.4- 90	20	70	9.4(12)	5.5	140	80	50	M12×35	18	12		FMC27- 90
	-FMC25.4-150				7.3	200							FMC27-150
	-FMC38.1- 45				4.2	95							FMC32- 45
	-FMC38.1- 75	22	85	15.5(14)	5.5	125	125	50	M16×40 (35)	30 (24)	15(16)		FMC32- 75
	-FMC38.1-105				7.0	155							FMC32-105

★ Drive keys, L-Wrench & Bolt are supplied as standard.

★ Above weight is for Arbor only. (Not include Face Mill Cutter)

★ FMC22 type Arbor is suitable for NIKKEN PRO-END MILL φ50 (PE50HC). 参考 P.135

★ Code No. of Centre Through Coolant type FMC Arbor for NIKKEN PRO-END MILL is e.g. NBT40-FMC22C-45.

2LOCK SHELL END MILL ARBOR

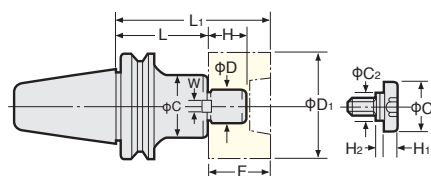
NIKKEN



SMA

JIS B4214 for SHELL END MILL

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Inch Series

(●) figures for Metric Series

Metric Series

Dimensions										Weight (kg)	Dimensions of Arbor with cutter			Code No. (φD -L)
TAPER	Code No. (φD -L)	H	C	W	C ₁	C ₂	H ₁	H ₂			L ₁	D ₁	F	
No.30	NBT30-SMA15.875-30	17	34	8	20	15	7	2		0.9	60	35	30	NBT30-SMA16-30
	-SMA22.225-30	27	42		28	18	9			1.0	75	45(50)	45	-SMA22-30
No.40	NBT40-SMA15.875-60,120	17	34	8	20	15	7	2		1.3-1.7	90-150	35(40)	30	NBT40-SMA16-60,120
	-SMA22.225-60,120	27	42		28	18	9			1.4-2.1	105-165	45(50)	45	-SMA22-60,120
	-SMA25.4 -45,105	36	50	10	33			6		1.4-2.3	105-165	60(75)		-SMA27-45,105
	-SMA31.75 -45,75		60		40		23			1.6-2.3	106-135	100	60	-SMA32-45,75
	-SMA38.1 -60	38	80	12	50	27	14			3.0	120	125		-SMA40-60
No.50	NBT50-SMA15.875-75,120	17	34	8	20	15	7	2		4.2-5.8	105-150	35(40)	30	NBT50-SMA16-75,120
	-SMA22.225-75,120,180	27	42		28	18	9			4.3-4.8-5.5	120-165-225	45(50)	45	-SMA22-75,120,180
	-SMA25.4 -60,105,150	36	50	10	33			6		4.3-5.2-5.8	120-165-210	60(75)		-SMA27-60,105,150
	-SMA31.75 -45,75,105		60		40		23			4.2-5.2-6.2	105-135-165	100	60	-SMA32-45,75,105
	-SMA38.1 -45,75	38	80	12	50	27	14			4.3-5.5	105-135	125		-SMA40-45,75

SMB

Inch Series

Dimensions										Weight (kg)	Dimensions of Arbor with cutter			
TAPER	Code No. (φD -L)	H	C	W	C ₁	C ₂	H ₁	H ₂			L ₁	D ₁	F	
No.30	NBT30-SMB22.225-50	17	40	8	28	18	9	2		1.0	65	50	35	
No.40	NBT40-SMB22.225-45,120	17	45	8	28	18	9	2		1.3-2.2	80-155	50	35	
	-SMB31.75 -45,75	30	60	12.7	40	23	10	6		1.6-2.3	95-125	75	50	
	-SMB38.1 -60	36	80	15.9	50	27	14			2.8	120	100	60	
No.50	NBT50-SMB22.225-60,120,180	17	45	8	28	18	9	2		4.3-5.0-5.7	95-155-215	50	35	
	-SMB31.75 -45,75,105	30	60	12.7	40	23	10	6		4.2-5.2-6.2	95-125-155	75	50	
	-SMB38.1 -45,75	36	80	15.9	50	27	14			4.3-5.5	105-135	100	60	

★ Above weight is for Arbor only. (Not include Face Mill Cutter)