

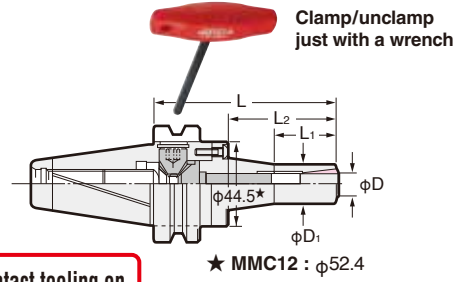
# 3LOCK MBT MINI-MINI CHUCK ADVANCED ALPHA NEW NIKKEN



MMC

The best chuck for the small dia. cutting tool

30,000min<sup>-1</sup> & G2.5  
Gripping from Front Nose  
Run-Out Accuracy : 3µm at 4D



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

JAPAN PAT.

High Speed

TAPER	Code No.	Chucking Range φD	φD <sub>1</sub>	L	L <sub>1</sub>	L <sub>2</sub>	Collet	MAX. (min <sup>-1</sup> )	Weight (kg)
No.40	MBT40-MMC 4- 90-AA	1~ 4	15	90	30	43	MPK 4	30,000	1.2
	-MMC 8- 90-AA	2~ 8	20		36	42	PMK 8 VMK 8		1.4
	-120-AA			120	43	72	PMK12 VMK12		1.5
	-MMC12- 90-AA	4~12	30	90	35	44	PMK12 VMK12		1.7
	-120-AA			120	60	74	PMK12 VMK12		1.8
No.50	MBT50-MMC 4-105-AA	1~ 4	15	105	30	43	MPK 4	20,000	3.8
	-MMC 8-105-AA	2~ 8	20		36	42	PMK 8 VMK 8		4.4
	-135-AA			135	72	PMK 8 VMK 8	4.5		
	-165-AA	165	102	PMK 8 VMK 8	4.6				
	-MMC12-105-AA	4~12	30	105	35	44	PMK12 VMK12		4.6
	-135-AA			135	60	74	PMK12 VMK12		4.7
	-165-AA	165	70	104	PMK12 VMK12	4.8			

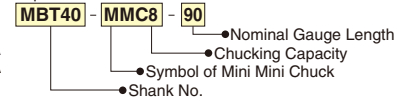
★Wrench is supplied as standard.

★MPK, PMK, VMK collet is available as an option. Please refer P.38

★Please add "C" for the centre through tool coolant type. e.g. MBT40-MMC8C-90-AA

★Please add "F" for the flange through tool coolant type; MBT40-MMC 8F-90-AA,120-AA MBT50-MMC 8F-105-AA,135-AA,165-AA,165-AA -MMC12F-90-AA,120-AA -MMC12F-105-AA,135-AA,165-AA

Explanation of the Code No.

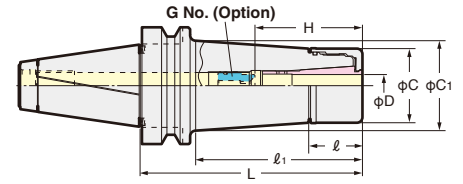


# 3LOCK MBT VC HOLDER NIKKEN



VC

Centre Through  
MAX. 7MPa



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

JAPAN, USA, EU, KOREA PAT.

High Speed

TAPER	Code No.	D	L	l	l <sub>1</sub>	C	C <sub>1</sub>	H	G No. (Option)	Weight (kg)	MAX. (min <sup>-1</sup> )	Collet
No.40	MBT40-VC 6- 60	2.0~6.0	60	23	30	27.5	30.0	35~45	VCG 6- 8A	1.1	30,000	VCK 6
	- 90		90		32.7		1.3					
	-120		120		36.9		1.5					
	-VC13- 60	3.0~12.0	60	31	40.3	50~60	VCG13-15A	1.2				
	- 90		90	44.3	1.5							
-120	120	48.5	1.9									
No.50	MBT50-VC 6-105	2.0~6.0	105	23	62	27.5	33.0	35~45	VCG 6- 8A	3.9	20,000	VCK 6
	-135		135		92		37.1			4.1		
	-165		165		122		41.3			4.4		
	-VC13-105	3.0~12.0	105	62	44.6	50~60	VCG13-15A	4.1				
	-135		135	92	48.8			4.5				
	-165		165	122	53.0			4.9				

★Collet, adjust screw (G No.) and GH Handle are available as an option. The Code No. of the GH Handle is VC6: GH10, VC13: GH16

★When the axial stopper is required, please use Adjust Screw (G No.)

★MBT40-VC 6-150, MBT40-VC13-150, MBT50-VC13- 90, -120 are available as semi-standard.

★TiN Bearing Nut is supplied as standard.

★Please add "RP" at the end of Code No. for Rust Proof Treatment VC Holder. e.g. MBT40-VC13-60-RP

★Please use VC J type Nut & Cap for Centre Through Coolant.

When VC J type Nut is used, the total holder length will be extended to 6mm.

★Please refer P.36 for VCK collet.



Explanation of the Code No.

