

# 3LOCK MBT MINI-MINI CHUCK

The best chuck for the small dia. cutting tool

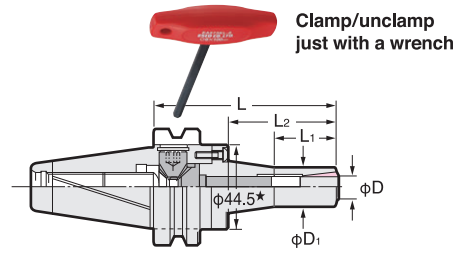


JAPAN PAT.



MMC

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



Clamp/unclamp just with a wrench

★ MMC12 : φ52.4

High Speed

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

PAT.

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	1~ 4	15	90	30	43	MPK 4	30,000	1.2
	-MMC 8- 90	2~ 8	20		36	42	PMK 8 VMK 8		1.4
	-120			43	72	PMK12 VMK12	1.5		
	-MMC12- 90	4~12	30	90	35		44		1.7
	-120			120	60		74		1.8
No.50	MBT50-MMC 4-105	1~ 4	15	105	30	43	MPK 4	20,000	3.8
	-MMC 8-105	2~ 8	20		36	42	PMK 8 VMK 8		4.4
	-135			135	43	72			4.5
	-165	165	102	4.6					
	-MMC12-105	4~12	30	105	35	44	PMK12 VMK12		4.6
	-135			135	60	74			4.7
	-165			165	70	104			4.8

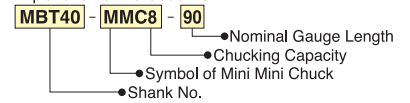
★Wrench is supplied as standard.

★MPK, PMK, VMK collet is available as an option. Please refer P.33

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

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

Explanation of the Code No.

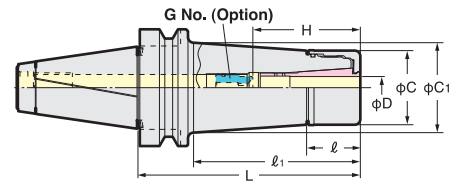


# 3LOCK MBT VC HOLDER



VC

Centre Through  
MAX. 7MPa



High Speed

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

PAT.

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		60		32.7			1.3		
	-120		120	90	36.9		1.5					
	-VC13- 60	3.0~12.0	60	31	40.3	VCG13-15A	1.2					
	- 90		90	60	44.3		1.5					
-120	120	90	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
	-135		135		92	37.1		4.1				
	-165		165	122	41.3	4.4						
	-VC13-105	3.0~12.0	105	62	44.6	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.

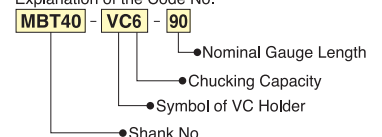
When VC J type Nut is used, the total holder length will be extended to 6mm.

★Please refer P.34 for VCK collet.



Please refer P.30

Explanation of the Code No.



3LOCK