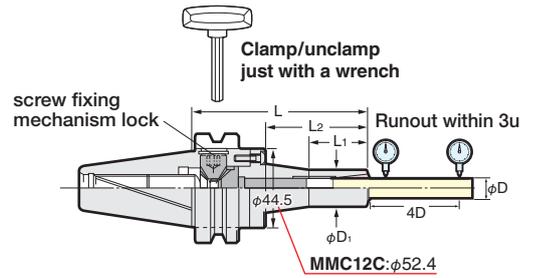


3LOCK MBT MINI-MINI CHUCK ADVANCED ALPHA NEW NIKKEN



The best chuck for the small dia. cutting tool

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



MMC

High Speed

JAPAN PAT.

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

Wrench EA573KL-6 : MMCL4, 8 MMCL12-M6W : MMC12(BT30, BT40, HSK50, HSK63)

MMCL12-M6T62 : MMC12(BT50, HSK100) is attached as standard.

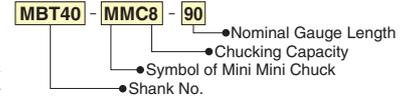
★MPK, PMK, VMK collet is available as an option. Please refer P.40

★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
-MMC12F- 90-AA,120-AA -MMC12F-105-AA,135-AA,165-AA

★Please refer P.39 for MPK, PMK, VMK Coolant Solution.

Explanation of the Code No.



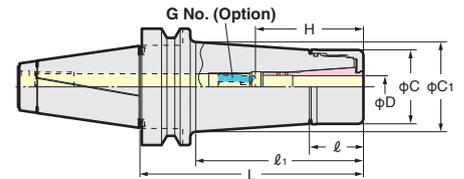
3LOCK MBT VC HOLDER

NIKKEN



VC

Centre Through
MAX. 7MPa



High Speed

JAPAN, USA, EU, KOREA PAT.

TAPER	Code No.	D	L	l	l ₁	C	C ₁	H	G No. (Option)	Weight (kg)	MAX. (r/min)	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												60	90	32.7	1.3
	-120															
	-VC13- 60	3.0~12.0	29	31	40	40.3	50~60	VCG13-15A	1.2							
	- 90									60		44.3	1.5			
-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		VCK 6	
	-135	62									92			37.1		4.1
	-165															
	-VC13-105	3.0~12.0	29	62	40	44.6	50~60	VCG13-15A	4.1							
	-135									62	92	48.8		4.5		
	-165														122	53.0

★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.

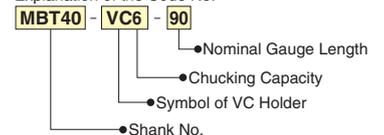
When VC J type Nut is used, the total holder length will be extended to 6mm.

★Please refer P.51 for VCK collet.



Please refer P.52

Explanation of the Code No.



3LOCK