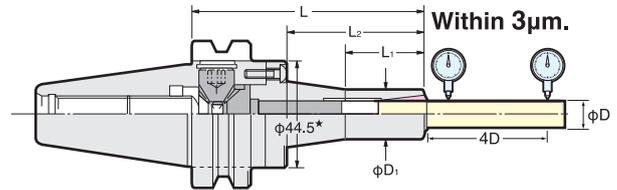


2LOCK MINI-MINI CHUCK EXPERT for SMALL DIA. END MILLING



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

Clamp/Unclamp
just with a wrench.



MMC

2LOCK tooling (NBT) can be used as the double face contact tooling on the M/C where spindle is BT double face contact system.
2LOCK tooling can also be used on the M/C with BT standard spindle.

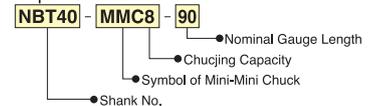
Dimension marked ★ is φ52.4 for MMC12.

High Speed

TAPER	Code No.	Chucking RangeφD	L	φD ₁	L ₁	L ₂	Collet	MAX.min ⁻¹	Weight(kg)			
No.30	NBT30-MMC 4-105	1~ 4	105	15	30	43	MPK 4	30,000	0.9			
	-MMC 8-105	2~ 8		20	36	42	PMK 8 VMK 8		0.9			
	-MMC 12-105	4~12		30	35	44	PMK12 VMK12		1.1			
No.40	NBT40-MMC 4- 90	1~ 4	90	15	30	43	MPK 4	30,000	1.2			
	-MMC 8- 90	2~ 8							20	36	42	PMK 8 VMK 8
	-120		43	72	1.3							
	-150		102	1.4								
	-MMC 12- 90	4~12	90	30	35	44	PMK12 VMK12		1.4			
	-120								120	60	74	1.5
	-150								150	70	104	1.6
-150	150							70	104	1.6		
No.50	NBT50-MMC 4-105	1~ 4	105	15	30	43	MPK 4	20,000	3.8			
	-MMC 8-105	2~ 8							20	36	42	PMK 8 VMK 8
	-135		135	72	3.9							
	-165		165	102	4.0							
	-195		195	73	132	4.1						
	-MMC 12-105		4~12	105	30	35	44					
	-135	135							60	74	4.1	
	-165	165							70	104	4.2	
	-195	195							100	134	4.3	
	-195	195							100	134	4.3	

- ★Wrench is supplied as standard. Collet is available as an option.
- ★MMC12 is a NEW type, therefore, Old style collets for MMK12 can not be used with it. Please Use VMK12 or PMK12 Collets.
- ★Centre Coolant Through type MINI-MINI Chuck is available MMC8 and MMC12 type only. Please add the letter "C" to the Code No. e.g. NBT40-MMC8C-90 P.106
- ★MPK, PMK, VMK collet is available as an option. Please refer P.33

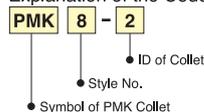
Explanation of the Code No.



PMK Collet ... Please select PMK collet for the MINI-MINI Chuck without coolant through capability.



Explanation of the Code No.



PMK Collet Code No.

MPK 4-1, 1.5, 2, 2.5, 3, 3.5, 4
PMK 8-2, 2.2, 2.4, ...3, ...4, ...5, ...6, ...7, ...8 (each 0.2mm)
PMK12-4, 5, 6, 8, 10, 12

- ★Please note the acceptable shank tolerance of MPK Collet is h8.
- ★Even the gripping range of PMK collet is 0.2mm/dia. (e.g. PMK8-2 : 1.8~2.0), but the shank tolerance of h8 is highly recommended for precision machining.

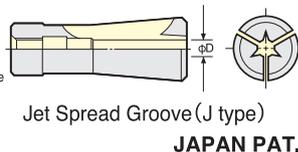
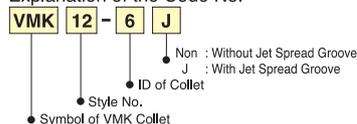
VMK, VMK-J Collet ...



For centre through tool coolant type MINI-MINI Chuck ;

- Standard VMK collet is for the cutting tool with coolant hole.
- VMK-J collet is for the cutting tool without coolant hole.

Explanation of the Code No.



VMK Collet Code No.

VMK 8-2J, 3J, 4J, 5J, 6J, 8J
VMK12-4J, 5J, 6J, 8J, 10J, 12J

- ★Please note the acceptable shank tolerance is h6.
- ★Please add "J" for the Jet Spread Coolant type. e.g. VMK8-6J
- ★VMK8-2J is Jet Spread Hole type.

2LOCK