

3LOCK MBT MULTI LOCK MILLING CHUCK



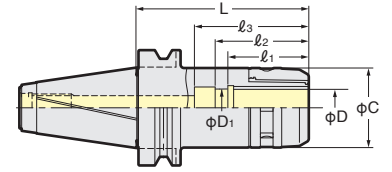
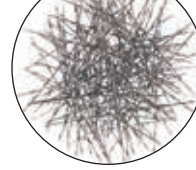
C
Centre Through
MAX. 7MPa

The cutting chips show us the actual machining capability.

Quiet,
high speed, heavy milling



Stable finishing



Standard

TAPER	Code No.	D	C	L	l ₁	l ₂	l ₃	Weight (kg)	Collet
No.40	MBT40-C12- 90	12	33	90	48	53	58	1.6	KM12 CCK12
	-120			120				1.9	
	-C16- 60	16	44	63	50	58	65	1.4	KM16 CCK16
	- 90			90				1.7	
	-120			120				2.0	
	-C20- 70	20	52	71	57	66	80	1.6	KM20 CCK20 CCNK20 NK20
	- 90			90				1.8	
	-120			120				2.2	
	-C25- 70	25	60	70	60	72	80	1.8	KM25 CCK25 CCNK25 NK25
	- 90			90				2.1	
	-120			120				2.5	
	-C32- 85*	32	69	85	64	71	75	2.1	KM32 CCK32 CCNK32 NK32
-105	105			2.5					
-120	120			2.8					
No.50	MBT50-C12-105	12	33	105	48	53	53	4.0	KM12 CCK12
	-165			165				4.6	
	-C16-105	16	44	105	50	58	58	4.2	KM16 CCK16
	-165			165				4.8	
	-200			200				5.1	
	-C20-105	20	52	105	57	66	66	4.5	KM20 CCK20 CCNK20 NK20
	-165			165				5.1	
	-200			200				5.7	
	-C25-105	25	60	105	60	72	72	4.8	KM25 CCK25 CCNK25 NK25
	-135			135				5.2	
	-165			165				5.6	
	-C32- 90	32	69	90	70	81	81	4.3	KM32 CCK32 CCNK32 NK32
	-105			105				4.6	
	-120			120				5.1	
	-135			135				5.6	
	-165			165				6.4	
	-200			200				7.8	
	-250	250	9.2						
	-300	300	10.6						
	-C42- 95*	42	86	95	73	115	125	5.5	KM42 CCK42 CCNK42 NK42
	-120			120				6.6	
-135	135			7.2					
-165	165			8.6					
-200	200			9.5					
-250	250			11.7					
-300	300	14.0							

★Spanner is available as an option.

C12 : 9HC12A C16 : 9HC16 C20 : 9HC22

C25 : 9HC25 C32 : 9HC32 C42 : 9HC42

★Please note the acceptable shank tolerance is h6~7.

★For heavy duty milling, please grip the cutter shank longer than l₁.

★NK and CCNK collet can not be used for the chucks marked *.

★For C32, l₂ dimension longer than standard is available.

MBT40-C32D- 105 MBT50-C32D- 105

★Centre through tool coolant is available for all models. When the cutter shank length is shorter than l₁, please use the stopper for direct chucking or CCK/CCNK collet.

The Code No. of the Stopper for direct chucking is : C20 : 9MC20, C25 : 9MC25, C32 : 9MC32, C42 : 9MC42

★GFS type is possible only for C25 to C42, except for BT30.

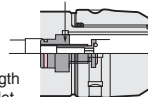
The GFS type is available with or without J grooves, and the code numbers are GFSJ for with J grooves and GFS for without grooves.

★Please refer P.36 for Milling Chuck Coolant Solution.

★Please refer P.177 for KM and CCK collet.

★Please add "F" for the flange through tool coolant type.

Stopper for
Direct Chucking



Explanation of the Code No.

MBT40 - C20 - 70

●Nominal Gauge Length

●Chucking Capacity

●Symbol of Milling Chuck

●Shank No.

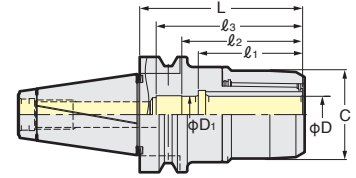
3LOCK MBT HIGH SPEED MILLING CHUCK



C-G




Centre Through
MAX. 7MPa

- ANNIVERSARY Type**
 – Powerful gripping torque –
 ● High rigidity
 ● High precision
 ● Compact design



High Speed

TAPER	Code No.	D	C	L	l ₁	l ₂	l ₃	Weight (kg)	MAX. (r/min)	Collet	
No. 40	MBT40-C12- 90G	12	33	90	48	53	58	1.6	25,000	ⓀM12 ⓀCCK12	
	-C16- 60G	16	40	63	50	58	65	1.4		ⓀM16 ⓀCCK16	
	- 90G			90				1.7		ⓀM20 ⓀCCK20 ⓀCCNK20 ⓀNK20	
	-C20- 70G	20	48	71	57	66	80	1.6	20,000	ⓀM25 ⓀCCK25 ⓀCCNK25 ⓀNK25	
	- 90G			90				1.8			
	-C25- 70G	25	55	70	60	72	75	1.8		ⓀM32 ⓀCCK32 ⓀCCNK32 ⓀNK32	
	- 90G			90				2.1			
	-120G			120				2.5			
	-C32- 85G*	32	68	85	64	71	81	2.1		ⓀM42 ⓀCCK42 ⓀCCNK42 ⓀNK42	
-105G	105			70	81	81	2.5				
No. 50	MBT50-C12-105G	12	33	105	48	53	58	4.0		20,000	ⓀM12 ⓀCCK12
	-C16-105G	16	40	105	50	58	65	4.2			ⓀM16 ⓀCCK16
	-C20-105G			105				57	66		80
	-C25-105G	25	55	105	60	72	80	4.8	15,000	ⓀM25 ⓀCCK25 ⓀCCNK25 ⓀNK25	
	-C32- 90G			90				4.3			
	-105G	32	68	105	70	81	81	4.6		ⓀM32 ⓀCCK32 ⓀCCNK32 ⓀNK32	
	-120G			120				5.1			
	-C42- 95P*			42				86			95
	-120P	120	105		110	6.6					

- ★Please note the acceptable shank tolerance is h₆.
- ★Please refer  P.177 for KM and CCK collet.
- ★GH Handle is available as an option.  P.52
- C12G : GH12, C16G : GH16, C20G : GH20, C25G : GH25, C32G : GH32
- ★Spanner for C42P is 9HC42.
- ★NK and CCNK collet can not be used for the chucks marked *.
- ★Centre through tool coolant is available for all models. When the cutter shank length is shorter than l₁, please use the stopper for direct chucking or CCK/CCNK collet.
The Code No. of the Stopper for direct chucking is : C20 : 9MC20, C25 : 9MC25, C32 : 9MC32, C42 : 9MC42
- ★GFS type is possible only for C25 to C42, except for BT30.
The GFS type is available with or without J grooves, and the code numbers are GFSJ for with J grooves and GFS for without grooves.
- ★Please refer  P.36 for Milling Chuck Coolant Solution.

Explanation of the Code No.

