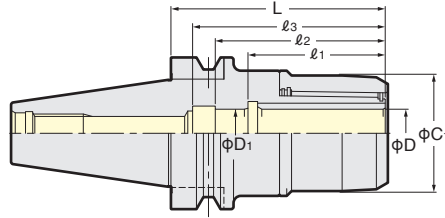


Anniversary type & High Speed  
Applicable for High Pressure  
Centre Through Coolant by CCK Collet



C-G

Centre Through  
MAX. 7MPa



GFS type  
For machining  
of aluminum  
JAPAN PAT.

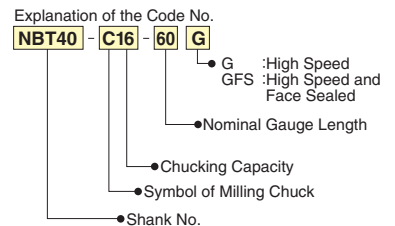
## High Speed

TAPER	Code No.	D	D <sub>1</sub>	C <sub>1</sub>	L	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	MAX. (r/min)	Collet	Weight (kg)	
No.30	NBT30-C12- 55G	12	12	33	58	48	53	58	40,000	CCK12 KM12	0.5	
	-C16- 55G	16	16	40	57	50	58	65		CCK16 KM16	0.6	
	- 70G				70						0.7	
	-C20- 65G*1	20	20	48	67	57	66	80	30,000	CCK20 CCNK20 KM20 NK20	0.8	
	- 75G				75						0.9	
	-C25- 75G*2	25	25	55	75	56	65	68	25,000	CCK25 CCNK25 KM25 NK25	1.0	
	- 80G				82						68	1.2
	- 90G				90						80	1.3
	-C32- 90G*3	32	32	62	90	67	66	68	10,000	CCK32 CCNK32*4 KM32*4 NK32	1.4	
	-100G				100						77	76
No.40	NBT40-C12- 65G	12	12	33	65	48	53	58	30,000	CCK12 KM12	1.1	
	- 90G				90							1.3
	-C16- 60G	16	16	40	63	50	58	65	25,000	CCK16 KM16	1.2	
	- 75G				75							1.4
	- 90G				90							1.5
	-105G				105							1.7
	-120G				120							1.9
	-C20- 70G	20	20	48	71	57	66	80	25,000	CCK20 CCNK20 KM20 NK20	1.4	
	- 90G				90							1.7
	-105G				105							1.9
	-120G				120							2.1
	-C25- 70G	25	25	55	70	60	72	80	20,000	CCK25 CCNK25 KM25 NK25	1.6	
	- 90G				90							2.0
	-105G				105							2.3
	-120G				120							2.6
	-C32- 85G	32	32	68	85	64	77	107	20,000	CCK32 CCNK32 KM32 NK32	1.9	
	-105G				105						70	81
-120G	120				70						81	2.9
-135G	135				70						81	3.2

- ★GH Handle is available as an option. Please refer P.52
- C12-G:GH12, C16-G:GH16, C20-G:GH20, C25-G:GH25, C32-G (φC1=68mm):GH32, C32-G (φC1=62mm):GH32S,
- ★Please note the acceptable shank tolerance is h8.
- ★Please add "RP" at the end of Code No. for Rust Proof Treatment Milling Chuck. e.g. NBT40-C32-85G-RP
- ★Centre Through Coolant application:  
For direct chucking, CKFN-D nut is recommended.  
With a collet, CCK collet and CKFN nut are recommended.
- ★NBT30-C20-65G marked \*1 may not be used by the M/C restriction. In this case, please use NBT30-C20-75G.
- ★NBT50-C42-110P is also available.
- ★Please refer P.201 for KM, NK, CCK and CCNK collet.
- ★The milling chucks marked \*1, \*2 and \*3 may not be used by the restriction of the diameter under V flange of your M/C.
- ★\*4 NK32 and CCNK32 collet can not be used on NBT30-C32-90.
- ★Please refer P.36 for Milling Chuck Coolant Solution.



CCK collet & CKFN nut  
The Jet Coolant Pressure  
creates a tornado effect,  
ensuring efficient swarf  
dispersal.



## High Speed

TAPER	Code No.	D	D <sub>1</sub>	C <sub>1</sub>	L	ℓ <sub>1</sub>	ℓ <sub>2</sub>	ℓ <sub>3</sub>	MAX. (r/min)	Collet	Weight (kg)
No.50	NBT50-C12-105G	12	12	33	105	48	53	58	20,000	CCK12 KM12	3.9
	-135G				135						4.2
	-165G				165						4.5
	-C16-105G	16	16	40	105	50	58	65		CCK16 KM16	4.1
	-135G				135						4.4
	-165G				165						4.7
	-200G				200						5.1
	-C20-105G	20	20	48	105	57	66	80		CCK20 CCNK20 KM20 NK20	4.4
	-135G				135						4.8
	-165G				165						5.2
	-180G				180						5.4
	-200G				200						5.7
	-C25-105G	25	25	55	105	60	72	80	CCK25 CCNK25 KM25 NK25	4.6	
	-135G				135					5.2	
	-165G				165					5.8	
	-200G				200					6.3	
	-C32-90G	32	32	68	90	70	81	107	15,000	CCK32 CCNK32 KM32 NK32	4.3
	-105G				105						4.7
	-120G				120						5.2
	-135G				135						5.7
-165G	165				6.5						
-200G	200	7.6									
-C42-95P*5	42	42	86	95	73	115	125	12,000	CCK42 CCNK42 KM42 NK42	5.5	
-105P*5				105						5.8	
-120P*5				120						6.6	

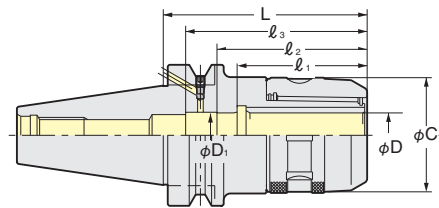
- ★GH Handle is available as an option. Please refer P.52
- C12-G:GH12, C16-G:GH16, C20-G:GH20, C25-G:GH25, C32-G(φC1=68mm):GH32, C32-G(φC1=62mm):GH32S,
- ★Please note the acceptable shank tolerance is h<sub>6</sub>.
- ★Please add "RP" at the end of Code No. for Rust Proof Treatment Milling Chuck. e.g. NBT40-C32-85G-RP
- ★Centre Through Coolant application: For direct chucking, CKFN-D nut is recommended. With a collet, CCK collet and CKFN nut are recommended.
- ★NBT50-C42-110P is also available.
- ★Please refer P.201 for KM, NK, CCK and CCNK collet.
- ★\*5 spanner for C42:9HC42
- ★Please refer P.36 for Milling Chuck Coolant Solution.

# 2LOCK FLANGE THROUGH COOLANT TYPE HOLDER

## MILLING CHUCK for Flange Through



Frang Through  
(MAX. 1MPa)



TAPER	Code No.	C <sub>1</sub>	D <sub>1</sub>	ℓ <sub>1</sub>	ℓ <sub>2</sub>	ℓ <sub>3</sub>	Stopper (Option)	Collet	Weight (kg)
No.40	NBT40-C20F- 90,105	52	20	58	66	80	9MC20H	CCK20 CCNK20	1.9, 2.0
	-C25F- 90,105	60	25	61	70		9MC25H	CCK25 CCNK25	2.0, 2.2
	-C32F-105,120	69		70	81	107	9MC32H	CCK32 CCNK32	2.5, 2.8
No.50	NBT50-C20F-105,135,165	52	20	58	66	80	9MC20H	CCK20 CCNK20	4.2, 4.4, 4.8
	-C25F-105,135,165	60	25	61	72		9MC25H	CCK25 CCNK25	4.5, 5.1, 5.7
	-C32F-105,120,135,165	69		70	81	107	9MC32H	CCK32 CCNK32	4.6, 5.1, 5.5, 6.4
	-C42F-120,135,165	86	42				105, 115, 115	125	9MC42H

- ★Spanner is available as an option. C20 : 9HC22, C25 : 9HC25  
C32 : 9HC32, C42 : 9HC42
- ★Shank of High Speed Milling Chuck (G) is 2LOCK. e.g. NBT40-C20F-105G  
GH Handle P.52 is necessary for High Speed Milling Chuck.
- ★Please refer P.37 for CCK Collet and CCNK Collet. ★In case of Heavy End Milling operation, please chuck the End Mill longer than ℓ<sub>1</sub> without using stopper.
- ★Please add "RP" at the end of Code No. for Rust Proof Treatment Milling Chuck. e.g. BT40-C20F-75-RP. ★Please note the acceptable shank tolerance is h<sub>7</sub>.

