

# CENTRE THROUGH COOLANT TYPE HOLDER

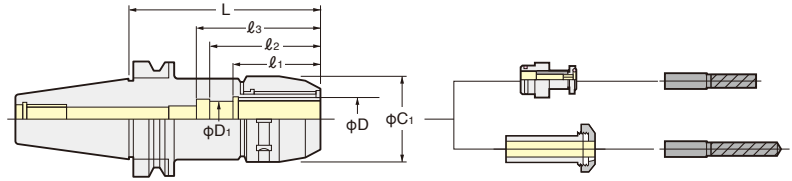
## MAX.7MPa



### MILLING CHUCK for Centre Through



Centre Through  
MAX. 7MPa

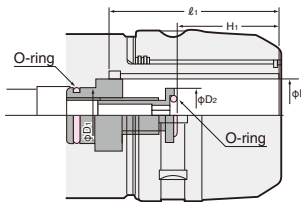


TAPER	Code No.	C <sub>1</sub>	D	D <sub>1</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	Stopper(Optional)	Collet	Weight (kg)
No.40	BT40 -C20C- 70, 90,105	52	20	20	58	66	80	9MC20H	<b>CCK20</b> <b>CCNK20</b>	1.6, 1.8, 2.0
	(IT40)-C25C- 70, 90	60	25	25	61	72		9MC25H	<b>CCK25</b> <b>CCNK25</b>	1.8, 2.1
	-C32C- 85,105,120	69	32		64,70,70	77,81,81	107	9MC32HS, 9MC32H, 9MC32H	<b>CCK32</b> <b>CCNK32</b>	2.1, 2.5, 2.8
No.50	BT50 -C20C-105,135	52	20	20	58	66	80	9MC20H	<b>CCK20</b> <b>CCNK20</b>	4.5, 4.9
	(IT50)-C25C-105,135	60	25	25	61	72		9MC25H	<b>CCK25</b> <b>CCNK25</b>	4.8, 5.2
	-C32C- 90,105,135,165	69	32		70	81	107	9MC32H	<b>CCK32</b> <b>CCNK32</b>	4.3, 4.6, 5.5, 6.4
	-C42*- 95,105,135	86	42	42	74	115	125	9MC42H	<b>CCK42</b> <b>CCNK42</b>	5.5, 5.8, 7.1

#### Stopper for Direct Chucking

Direct Chucking means that chucking  $\phi 32$ mm shank tool by  $\phi 32$ mm ID Holder. If Tool's shank length longer than  $l_1$ , Stopper is not necessary.

Chuck	Stopper	H <sub>1</sub>	C <sub>2</sub>
C20C	9MC20H	42~47	17
C25C	9MC25H	50~55	22
C32C	9MC32H	49~59	24
	9MC32HS	55~60	
C42	9MC42H	57~67	24



★Spanner is available as an option. C20 : 9HC22, C25 : 9HC25  
C32 : 9HC32, C42 : 9HC42

★Shank of High Speed Milling Chuck (G) is **2LOCK**. (Centre through tool coolant is standard.) e.g. NBT40-C32-105G GH handle is necessary for High Speed Milling Chuck.

★Please note the acceptable shank tolerance is h7.

★Please refer for CCK Collet and CCNK Collet.

★Please add "RP" at the end of Code No. for Rust Proof Treatment Milling Chuck. e.g. BT40-C32C-85-RP.

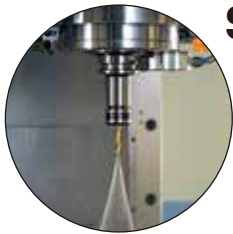
★\*C42 Milling Chuck is Centre Coolant Through type as standard.

★Stopper for Direct Chucking is available as an option.

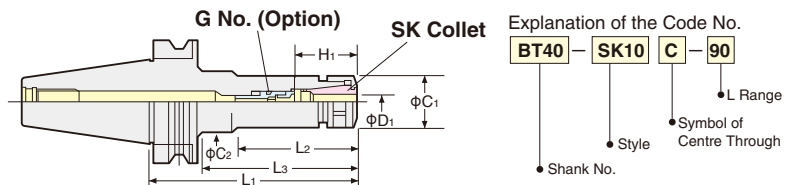
★In case of Heavy End Milling operation, please chuck the End Mill longer than  $l_1$  without using Stopper.



### SLIM CHUCK for Centre Through JAPAN, USA, EU, KOREA PAT.



Centre Through  
MAX. 7MPa



Explanation of the Code No.  
BT40 - SK10 C - 90  
 • L Range  
 • Style  
 • Symbol of Centre Through  
 • Shank No.

TAPER	Code No.	D <sub>1</sub>	H <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	C <sub>1</sub>	C <sub>2</sub>	G No. (Option)	Weight (kg)	SK Collet
No.40	BT40-SK 6C- 90,120	4~6	26~31	51,60	60,90	19.5	32,32	SKG6-6HG	1.1,1.4	<b>SK 6</b>
	(IT40)-SK10C- 90,120,150,180	5~10	33~41	48,73,73,73	60,90,118,148	27.5	40,40,34.5,39	SKG10-10HG	1.2,1.4,1.6,1.6	<b>SK10</b>
	-SK13C- 90,120,150,180	5~13	39~51	58,88,88,88	- ,118,148	33	- ,40,40	SKG13-10HG	1.4,1.6,1.8,1.8	<b>SK13</b>
	-SK16C- 90,120,150,180	10~16	45~57	58,88,118,148		40		SKG16-12HG	1.5,1.7,1.9,2.0	<b>SK16</b>
	-SK20C- 75, 90,120	10~20	47~63	45,60,90		48.5		SKG20-18HG	1.4,1.6,2.0	<b>SK20</b>
	-SK25C- 90,120	16~25	60~65,60~70	61,91		55		SKG25-18HG,SKG25-24HG	1.8,2.0	<b>SK25</b>
No.50	BT50-SK 6C-105,165	4~6	26~31	55,60	64,114	19.5	32,32	SKG6-6HG	3.8,4.0	<b>SK 6</b>
	(IT50)-SK10C-105,135,165,200	5~10	33~41	57,70,75,75	- ,92,114,151	27.5	- ,32,32,36	SKG10-10HG	4.2,4.4,4.6,4.8	<b>SK10</b>
	-SK13C-105,135,165,200	5~13	39~51	62,92,92,92	- ,122,157	33	- ,45,45	SKG13-10HG	4.5,4.7,4.9,5.2	<b>SK13</b>
	-SK16C-105,135,165,200	10~16	45~57	62,92,90,90	- ,122,157	40	- ,50,52	SKG16-12HG	4.7,4.9,5.1,5.5	<b>SK16</b>
	-SK20C-105,135,165	10~20	47~63	62,92,122		48.5		SKG20-18HG	4.3,4.6,5.0	<b>SK20</b>
	-SK25C-105,165	16~25	60~70	62,122		55		SKG25-24HG	5.2,5.6	<b>SK25</b>

★Collet, adjust screw (G No.) and spanner are available as an option.

The Code No. of the spanner is SK6C (C= $\phi 18$ ) : SKL-6, SK6C (C= $\phi 19.5$ ) : SKL-6W, SK10C: SKL-10, SK13C: 9HC12A, SK16C: 9HC16, SK20C: 9HC22, SK25C: 9HC25

★Shank of High Speed Slim Chuck (P) is **2LOCK**. e.g. NBT40-SK10C-90P. GH handle is necessary for High Speed Slim Chuck.

★Please add "RP" at the end of Code No. for Rust Proof Treatment Slim Chuck. e.g. BT40-SK10C-90-RP. ★Please refer for SK Collet.

★When cutter shank dia. is smaller than MIN. of D<sub>1</sub>, special adjust screw (G No.) is required.

