

CENTRE THROUGH COOLANT TYPE HOLDER

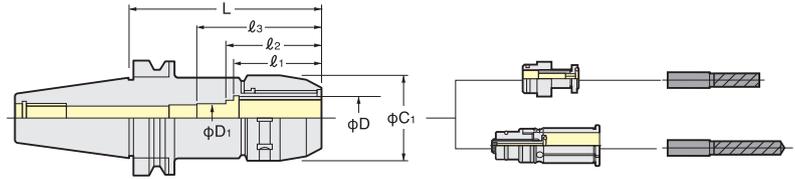
MAX.7MPa



MILLING CHUCK for Centre Through PAT.



Centre Through
MAX. 7MPa

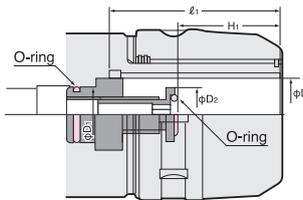


TAPER	Code No.	C ₁	D ₁	l ₁	l ₂	l ₃	Stopper(Optional)	Collet	Weight (kg)
No.40	BT40 -C20C- 70, 90,105	52	20	58	66	80	9MC20H	CCK20 CCNK20	1.6, 1.8, 2.0
	(IT40)-C25C- 70, 90	60	25	61	72		9MC25H	CCK25 CCNK25	1.8, 2.1
	-C32C- 85,105,120	69		64,70,70	77,81,81	107	9MC32HS, 9MC32H, 9MC32H	CCK32 CCNK32	2.1, 2.5,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

Stopper for Direct Chucking

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

Chuck	Stopper	H ₁	C ₂
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 **LOCK**. (Centre through tool coolant is standard.) P.160 e.g. NBT40-C32-105G GH handle P.30 is necessary for High Speed Milling Chuck.

★Please note the acceptable shank tolerance is h7.

★Please refer P.32, 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.

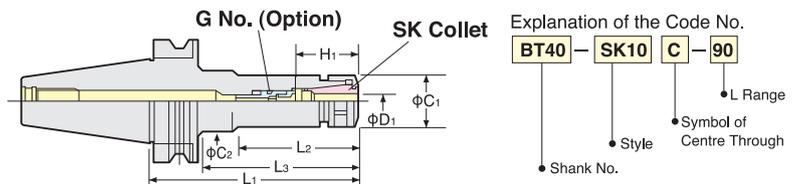
★In case of Heavy End Milling operation, please chuck the End Mill longer than l_1 without using Stopper.



SLIM CHUCK for Centre Through



Centre Through
MAX. 7MPa



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

TAPER	Code No.	D ₁	H ₁	L ₂	L ₃	C ₁	C ₂	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	SK 6
	(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	SK10
	-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	SK13
	-SK16C- 90,120,150,180	10~16	45~57	58,88,118,148	-	40	-	SKG16-12HG	1.5,1.7,1.9,2.0	SK16
	-SK20C- 75, 90,120	10~20	47~63	45,60,90	-	48.5	-	SKG20-18HG	1.4,1.6,2.0	SK20
	-SK25C- 90,120	16~25	60~65,60~70	61,91	-	55	-	SKG25-18HGD,SKG25-24HG	1.8,2.0	SK25
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	SK 6
	(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	SK10
	-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	SK13
	-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	SK16
	-SK20C-105,135,165	10~20	47~63	62,92,122	-	48.5	-	SKG20-18HG	4.3,4.6,5.0	SK20
	-SK25C-105,165	16~25	60~70	62,122	-	55	-	SKG25-24HG	5.2,5.6	SK25

★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 **LOCK**. P.166 e.g. NBT40-SK10C-90P. GH handle P.30 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 P.39 for SK Collet.

★When cutter shank dia. is smaller than MIN. of D₁, special adjust screw (G No.) is required. P.44

