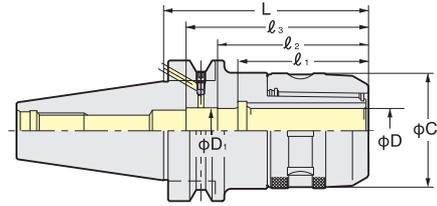


2LOCK FLANGE THROUGH COOLANT TYPE HOLDER



MILLING CHUCK for Flange Through PAT.



C-F

TAPER	Code No.	C ₁	D ₁	l ₁	l ₂	l ₃	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
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-120,135,165	69		70	81		107	9MC32H	CCK32 CCNK32
	-C42F-120,135,165	86	42					105, 115, 115	125

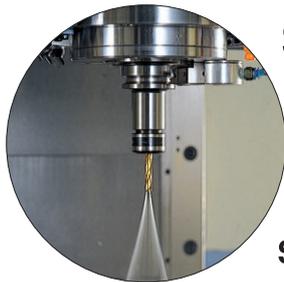
★Spanner is available as an option. C20 : 9HC22, C25 : 9HC25
C32 : 9HC32, C42 : 9HC42

★Shank of High Speed Milling Chuck (G) is **2LOCK** . e.g. NBT40-C20F-105G
GH Handle P.30 is necessary for High Speed Milling Chuck.

★Please refer P.161 for CCK Collet and CCNK Collet. ★In case of Heavy End Milling operation, please chuck the End Mill longer than l₁ without using stopper. P.105

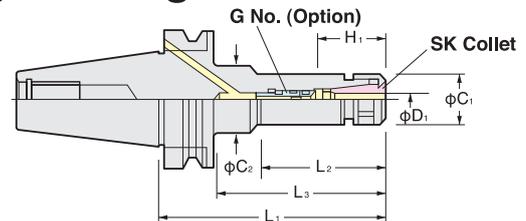
★Please add "RP" at the end of Code No. for Rust Proof Treatment Milling Chuck. e.g. NBT40-C20F-75-RP.

★Please note the acceptable shank tolerance is h7.



SK-F

SLIM CHUCK for Flange Through



TAPER	Code No.	D ₁	H ₁	L ₂	L ₃	C ₁	C ₂	G No. (Option)	Weight (kg)	Collet
No.40	NBT40-SK 6F- 90,120	4~6	26~31	51,60	60,90	19.5	32,32	SKG6-6HG	1.1,1.4	SK 6
	-SK10F- 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
	-SK13F- 90,120,150,180	5~13	39~51	58,88,88,88	- ,118,148	33	- ,40,40	SKG13-10HG	1.4,1.7,1.8,1.8	SK13
	-SK16F- 90	10~16	45~50	58	-	40	-	SKG16-12HGB	1.5	SK16
	-SK16F-120,150,180		45~57	88,118,148				SKG16-12HG	1.7,1.9,2.0	
	-SK20F- 90,120	10~20	57~63,47~63	60,90	-	48.5	-	SKG20-18HGB,SKG20-18HG	1.4,2.0	SK20
	-SK25F- 90,120	16~25	50~58,55~65	61,91				55	SKG25-18HGC,SKG25-24HGA	1.8,2.0
No.50	NBT50-SK 6F-105,165	4~6	26~31	55,60	64,114	19.5	32,32	SKG6-6HG	3.8,4.0	SK 6
	-SK10F-105,165,200,225	5~10	33~41	57,75,75,75	- ,114,151,178	27.5	- ,32,36,40	SKG10-10HG	4.2,4.6,4.8,5.1	SK10
	-SK13F-105,165,200	5~13	39~51	62,92,92	- ,122,157	33	- ,45,45	SKG13-10HG	4.5,4.9,5.2	SK13
	-SK16F-105,165,200	10~16	45~57	62,90,90	- ,122,157	40	- ,50,52	SKG16-12HG	4.7,5.1,5.5	SK16
	-SK20F-105,165	10~20	47~63	62,122	-	48.5	-	SKG20-18HG	4.3,5.0	SK20
	-SK25F-105,165	16~25	55~65,55~70	62,122				55	SKG25-24HGA,SKG25-24HG	5.2,5.6

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

The Code No. of the spanner is SK6F (C=φ18) : SKL-6, SK6F (C=φ19.5) : SKL-6W, SK10F: SKL-10, SK13F: 9HC12A, SK16F: 9HC16, SK20F: 9HC22, SK25F: 9HC25

★Shank of High Speed Slim Chuck (P) is **2LOCK** . e.g. NBT40-SK10F-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-SK10F-90-RP.

★Please refer P.167 for SK Collet.

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



- The special pull stud with Oring is required for the M/C with flange through coolant capability.
- When the stroke of the coolant nozzles at the spindle flange on the M/C with flange through coolant capability is shorter, it may be a collision between flange of **2LOCK** tool and the nozzles. Please check the specification on your M/C.