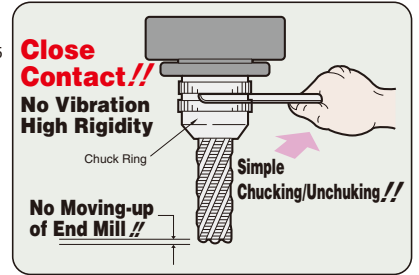
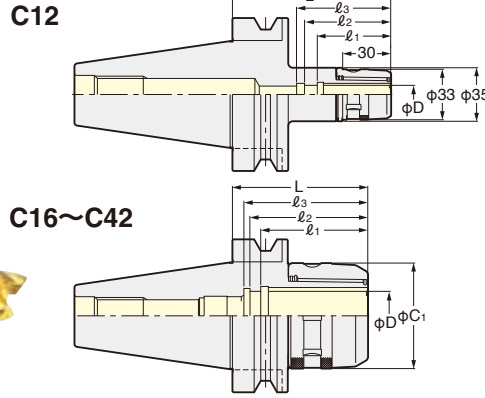


2LOCK MILLING CHUCK



C

Centre Through
MAX. 7MPa

2LOCK tooling (NBT) can be used as the double face contact tooling on the M/C where spindle is BT double face contact system.
2LOCK tooling can also be used on the M/C with BT standard spindle.

TAPER	Code No.	C ₁	L	l ₁	l ₂	l ₃	Collet	Weight(kg)
No.30	NBT30-C12- 55	33	58	48	53	58	CCK12 KM12	0.6
	-C16- 55, 70	44	57, 70	50	58	65	CCK16 KM16	0.7, 0.8
	-C20- 65*1, 75	52	67, 75	57	66	80	CCK20 CCNK20 KM20 NK20	1.0, 1.1
	-C25- 75*2, 80, 90	55*4	75, 82, 90	56,56,60	65,65,72	68,68,80	CCK25 CCNK25 KM25 NK25	1.2, 1.3, 1.4
	-C32- 90*3, 100	64*4	90, 100	67	66,77	68,76	CCK32 CCNK32 KM32 NK32	1.4, 1.5
No.40	NBT40-C12- 65, 90, 120	33	65,90,120	48	53	58	CCK12 KM12	1.3, 1.6, 1.9
	-C16- 60, 75, 90,105,120	44	63,75,90,105,120	50	58	65	CCK16 KM16	1.4, 1.6, 1.7, 1.9, 2.0
	-C20- 70, 90,105,120	52	71,90,105,120	57	66	80	CCK20 CCNK20 KM20 NK20	1.6, 1.8, 2.0, 2.2
	-C25- 70, 90,105,120	60	70,90,105,120	60	72		CCK25 CCNK25 KM25 NK25	1.8,2.1,2.3,2.5
	-C32- 85,105,120,135	69	85,105,120,135	64,70 70,70	77,81 81,81	77,81 81,81	CCK32 CCNK32 KM32 NK32	2.1,2.5,2.8,3.1
No.50	NBT50-C12-105,135,165	33	105,135,165	48	53	58	CCK12 KM12	4.0, 4.3, 4.6
	-C16-105,135,165,200	44	105,135,165,200	50	58	65	CCK16 KM16	4.2, 4.5, 4.8,5.2
	-C20-105,135,165,180,200	52	105,135,165,180,200	57	66	80	CCK20 CCNK20 KM20 NK20	4.5, 4.8, 5.1, 5.4,5.6
	-C25-105,135,165,200	60	105,135,165,200	60	72		CCK25 CCNK25 KM25 NK25	4.8, 5.2, 5.6,6.1
	-C32- 90,105,120,135,165 -200,250,300,400,500	69	90,105,120,135,165 200,250,300,400,500	70	81	81	CCK32 CCNK32 KM32 NK32	4.3, 4.6, 5.1, 5.6, 6.4 7.8, 9.2, 10.6, 13.4, 16.2
	-C42- 95,105,120,135,165 -200,250,300,400,500	86	95,105,120,135,165 200,250,300,400,500	73	115	125	CCK42 CCNK42 KM42 NK42	5.5, 5.8, 6.6, 7.2, 8.6 9.5, 11.7, 14.0, 18.4, 22.8

★MULTI LOCK Milling Chuck is a Base Holder for machining centre.

The following straight shank tooling to suit Milling Chucks are available.

[S-C] Milling Chuck (Extension Type) P.33

[K-MMP] MINI-MINI Chuck P.37

[K-MMC] MINI-MINI Chuck P.37

[K-SK] Slim Chuck P.47

[S-SK] Long Size Slim Chuck P.47

[D-NPU] NC Drill Chuck P.53

[NZ] Tapper Chuck P.64

[K-MT] Morse Taper Socket P.55

[K-ZMAC-V] ZMAC-V Boring Bar P.105

[K-RAC] RAC Boring Bar P.105

[S-ZMACX-V] ZMAC-V Boring Bar for Deep Hole P.106

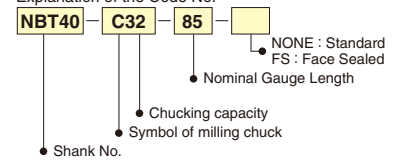
[K-DJ] DJ Boring Bar P.107

[K-SCA] Stub Arbor P.90

[S-MDPE] PRO-END MILL P.127

[MSO-AO-O] Straight shank shrink fit holder P.203

Explanation of the Code No.



★Please refer P.190 for heavy duty type milling chuck with larger arbor diameter.

★*5 NK32 and CCNK32 collet can not be used on NBT30-C32-90.

★Please refer P.192 for KM, NK, CCK, CCNK collet.

★CKFN-D and CKFN-DC (With O-ring) can be used for the direct chocking application, when centre through tool coolant. CCK collet and CKFN nut can be used for collet application.

★For "L" dimension of centre through coolant type milling chuck is same as the above standard, however, refer P.129 for Code No.

★For "L" dimension of flange through coolant type milling chuck is same as the above standard, however, refer P.131 for Code No.

★Spanner is available as an option. C12 : 9HC12A, C16: 9HC16, C20: 9HC22, C25 (φC₁=55mm) : 9HC22, C25 (φC₁=60mm) , C32 (φC₁=64mm) : 9HC25, C32 (φC₁=69mm) : 9HC32, C42: 9HC42 *4 C25(φC₁=55mm): 9HC22, *4 C32(φC₁=64mm): 9HC25.

★Please note the acceptable shank tolerance is h7.

★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.

★FS (Face Seal) types are available for C25~C42 of BT40/BT50. There are 2 types; FSJ: With J groove, FS: Without J groove

★Heavy duty type milling chucks with larger arbor diameter are available. Please add "R" at the end of Code No.

NBT50-C32-200R, 250R, 300R

-C42-200R, 250R, 300R



FS type
For machining
of aluminum
JAPAN PAT.

2LOCK