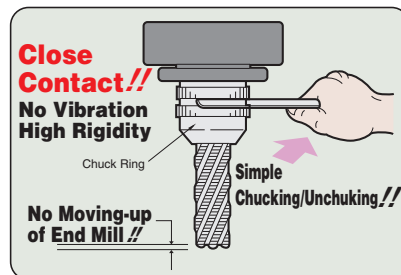
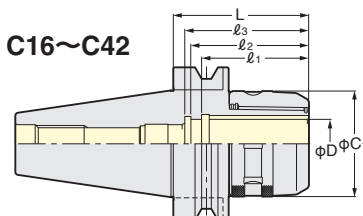
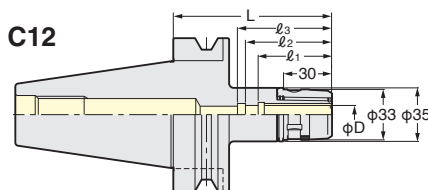




C
Centre Through
MAX. 7MPa



TAPER	Code No.	D	C ₁	L	l ₁	l ₂	l ₃	Collet	Weight (kg)
No.30	NBT30-C12- 55	12	33	58	48	53	58	CCK12 KM12	0.6
	-C16- 55	16	44	57	50	58	65	CCK16 KM16	0.7
	- 70			70					0.8
	-C20- 65*1	20	52	67	57	66	80	CCK20 CCNK20 KM20 NK20	1.0
	- 75			75					1.1
	-C25- 75*2	25	55*4	75	56	65	68	CCK25 CCNK25 KM25 NK25	1.2
	- 80			82					1.3
	- 90			90					1.4
	-C32- 90*3	32	64*4	90	67	66	68	CCK32 CCNK32*5 KM32 NK32*5	1.4
	-100			100					1.5
No.40	NBT40-C12- 65	12	33	65	48	53	58	CCK12 KM12	1.3
	- 90			90					1.6
	-120			120					1.9
	-C16- 60	16	44	63	50	58	65	CCK16 KM16	1.4
	- 75			75					1.6
	- 90			90					1.7
	-105			105					1.9
	-120			120					2.0
	-C20- 70	20	52	70	57	66	80	CCK20 CCNK20 KM20 NK20	1.6
	- 90			90					1.8
	-105			105					2.0
	-120			120					2.2
	-C25- 70	25	60	70	60	72	80	CCK25 CCNK25 KM25 NK25	1.8
	- 90			90					2.1
	-105			105					2.3
	-120			120					2.5
	-C32- 85	32	69	85	64	77	77	CCK32 CCNK32 KM32 NK32	2.1
	-105			105					2.5
	-120			120					2.8
	-135			135					3.1

★Please refer P.198 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.201 for KM, NK, CCK, CCNK collet.

★CKFN-D and CKFN-DC (With O-ring) can be used for the direct chucking 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.34 for Code No.

★For "L" dimension of flange through coolant type milling chuck is same as the above standard, however, refer P.34 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



FS type
For machining
of aluminum
JAPAN PAT.



TAPER	Code No.	D	C ₁	L	ℓ ₁	ℓ ₂	ℓ ₃	Collet	Weight (kg)
No.50	NBT50-C12-105	12	33	105	48	53	58	CCK12 KM12	4.0
	-135			135					4.3
	-165			165					4.6
	-C16-105	16	44	105	50	58	65	CCK16 KM16	4.2
	-135			135					4.5
	-165			165					4.8
	-200	20	52	200	57	66	80	CCK20 CCNK20 KM20 NK20	4.8
	-C20-105			105					4.5
	-135			135					4.8
	-165			165					5.1
	-180			180					5.4
	-200			200					5.4
	-C25-105	25	60	105	60	72		CCK25 CCNK25 KM25 NK25	4.8
	-135			135					5.2
	-165			165					5.6
	-200			200					5.6
	-C32- 90	32	69	90	70	81	81	CCK32 CCNK32 KM32 NK32	4.3
	-105			105					4.6
	-120			120					5.1
	-135			135					5.6
	-165			165					6.4
	-200			200					7.8
	-250			250					9.2
	-300			300					10.6
	-400			400					13.4
	-500			500					16.2
	-C42- 95	42	86	95	73	115	125	CCK42 CCNK42 KM42 NK42	5.5
	-105			105					5.8
	-120			120					6.6
	-135			135					7.2
	-165			165					8.6
	-200			200					9.5
	-250			250					11.7
	-300			300					14.0
	-400			400					18.4
	-500			500					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.35

[K-MMP] MINI-MINI Chuck P.38

[K-MMC] MINI-MINI Chuck P.38

[K-SK] Slim Chuck P.44

[S-SK] Long Size Slim Chuck P.44

[D-NPU] NC Drill Chuck P.57

[NZ] Tapper Chuck P.70

[K-MT] Morse Taper Socket P.61

[K-ZMAC-V] ZMAC-V Boring Bar P.111

[K-RAC] RAC Boring Bar P.111

[S-ZMACX-V] ZMAC-V Boring Bar for Deep Hole P.112

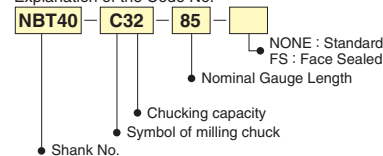
[K-DJ] DJ Boring Bar P.113

[K-SCA] Stub Arbor P.136

[S-MDPE] PRO-END MILL P.135

[MSO-AO-O] Straight shank shrink fit holder P.214

Explanation of the Code No.



★Please refer P.197 for heavy duty type milling chuck with larger arbor diameter.

★Please refer P.201 for KM, NK, CCK, CCNK collet.

★CKFN-D and CKFN-DC (With O-ring) can be used for the direct chucking 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.34 for Code No.

★For "L" dimension of flange through coolant type milling chuck is same as the above standard, however, refer P.34 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

★Please note the acceptable shank tolerance is h7.

★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



★Please refer P.36 for Milling Chuck Coolant Solution.



FS type
For machining
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