

CENTRE TROUGH COOLANT TYPE HOLDER

NIKKEN

MAX. 7MPa

JAPAN PAT.

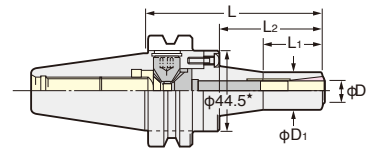
MINI-MINI CHUCK ADVANCED ALPHA for Centre Through



30,000min⁻¹ & G2.5
Gripping from Front Nose
Run-out Accuracy : Within 3μm

Centre Through
MAX. 7MPa

Extra-long sizes are added.



★ : MMC12 : φ52

TAPER	Code No.	φD	φD ₁	L ₁	L ₂	Collet	MAX. (min ⁻¹)	Weight (kg)
No.40	BT40-MMC 8C- 90-AA,120-AA,150-AA,180-AA	2~ 8	20	30, 40, 40, 70	42, 72, 102, 132	VMK 8J	30,000	1.2, 1.3, 1.4, 1.5
	(IT40)-MMC12C- 90-AA,120-AA,150-AA,180-AA	4~12	30	35, 60, 70, 100	44, 74, 104, 134	VMK12J		1.4, 1.5, 1.6, 1.7
No.50	BT50-MMC 8C-105-AA,135-AA,165-AA,195-AA	2~ 8	20	30, 40, 40, 70	42, 72, 102, 132	VMK 8J	20,000	3.8, 3.9, 4.0, 4.1
	(IT50)-MMC12C-105-AA,135-AA,165-AA,195-AA	4~12	30	35, 60, 70, 100	44, 74, 104, 134	VMK12J		4.0, 4.1, 4.2, 4.3

★Wrench is supplied as standard. Collet is available as an option P.36.

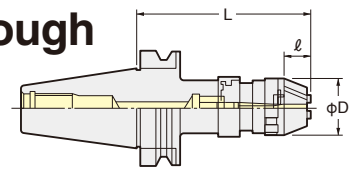
★Please use **VMK** Collet for the cutter with oil hole, and use **VMK-J** Collet for the cutter without oil hole. P.36

★Photo shows **MINI-MINI** Chuck & **VMK** Collet chucking with φ2.7mm oil hole drill.



NPU DRILL CHUCK for Centre Through

(MAX. 1MPa)



TAPER	Code No.	φDmm	φD	ℓ	L	Weight (kg)
No. 40	BT40-NPU13C- 80	6~ 13	48.5	26.5	92.1~103.1	1.5
	(IT40) 130				137.1~148.1	2.2
	175				182.1~193.1	2.7
No. 50	BT50-NPU13C- 90	6~ 13	48.5	26.5	97.1~108.1	4.1
	(IT50) 130				137.1~148.1	4.6
	190				197.1~208.1	5.2

★Wrench is available as an option. NPU8: NPUL-8, NPU13: NPUL-13.

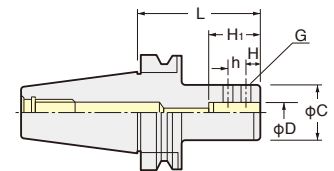
★MIN. Chucking Dia. for center through coolant is φ6mm.

★Please use Slim Chuck for high pressure coolant 7MPa. P.129



SIDE LOCK HOLDER (for DRILL) for CentreThrough

Centre Through
MAX. 7MPa



TAPER	Code No.	D	L	C	h	H	H ₁	G	Collet	Weight (kg)
No. 40	BT40-SL20C- 90	20	90	50	16	12	44.5	M10	—	1.8
	(IT40)-SL25C- 90	25		55	17	14	54.5	M12 P1.25	OK25	1.7
	-SL32C- 90	32		60	16	15	59.5	M12 P1.25	OK32	1.9
No. 50	BT50-SL20C-105	20	105	50	16	12	44.5	M10	—	4.8
	(IT50)-SL25C-105	25		55	17	14	54.5	M12 P1.25	OK25	4.7
	-SL32C-105	32		60	16	15	59.5	M12 P1.25	OK32	4.9
	-SL40C-105	40		88	19	18	70	M12 P1.25	OK40	5.2

★For **OK 25**, **OK 32** and **OK 40** Collet, please refer P.135.

RP (RUST PROOF TREATMENT)

NIKKEN

Rust Proof Treatment (Option)

The RP treatment creates a fine film of the contents (Fe₃O₄) and (Fe₂O₃), and penetrates into the tool holder taper material 1~2 micron deep. This fine film inhibits the rust and corrosion of your tool holder taper and stops it from being transmitted to your machine spindle. The RP treatment will not effect the accuracy and the hardness of your NIKKEN tool holders.

⚠ Caution

- If the detection of tool existing at tool magazine by optical method on your M/C, the tool with RP treatment may be judged "no tool existing". Please check your M/C specification.
- The taper connection of the tool shank with RP treatment is more stuck than the taper connection of the tool shank without RP treatment. Then, the unclamping force for the tool with RPT is required 20% stronger than the unclamping force for the tool without RPT. Please be careful to check the unclamping force of your M/C, when the tool with RPT treatment is chosen.
- Therefore, the taper cone of **3LOCK** tool and **NC5** tool is changed to without RP treatment as standard. And the special anti-rust treatment is applied to the taper cone of the **3LOCK** tool and **NC5** tool.

Standard
8 years used

RPT
18 years used

