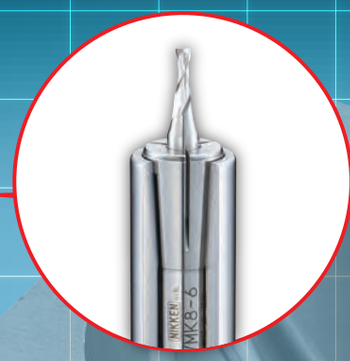
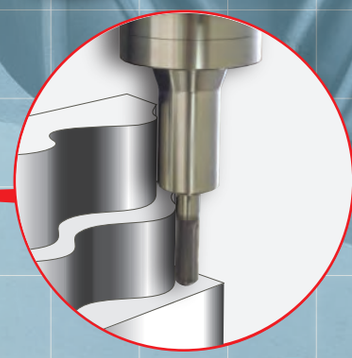
The Ultimate Chuck for Small Dia. Tools

MINI-MINI CHUCK ADVANCED α



1. Strong Gripping at Nose

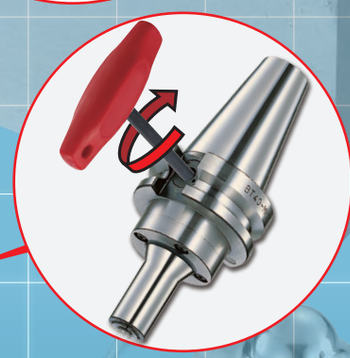
Run-out Accuracy : 0.003mm at 4D



2. Narrow Body

Narrow Body Design Accesses Tight Spots

30,000min^{-1} & G2.5 !



3. Quick and Easy

Powerful Gripping Torque just with a wrench

Direct Screw Type is also available
Clamp/Unclamp directly from the end of tool



※ Direct-screw type keeps same product code.



Titanium Nitreded Bearing Nut (HV2,200)



NEW ADVANCED α

- Standard Type of MINI-MINI CHUCK is more advanced
- Refurbish Internal Component
- Higher Run-out Accuracy, Operability and Durability

NIKKEN KOSAKUSHO WORKS, LTD.
5-1, 1-chome, Minamishinden, Daito-shi, Osaka-fu, Japan
Web:www.nikken-kosakusho.co.jp/en
Tel:+81-(0)72-869-5820 Fax:+81-(0)72-869-6220
e-mail:export@nikken-kosakusho.co.jp

17H12

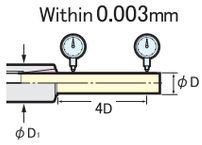
MINI-MINI CHUCK ADVANCED ALPHA

NIKKEN

BT

Coolant-thru becomes the standard . (MMC8 / MMC12)





Extra-long size is available

+30mm～60mm longer than conventional

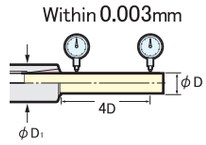
Taper	Code No.		ϕD1	ϕD
BT30	BT30	-MMC 4 -105-AA	1～ 4	15
		-MMC 8C-105-AA	2～ 8	20
		-MMC12C-105-AA	4～12	30
BT40	BT40	-MMC 4 - 90-AA	1～ 4	15
		-MMC 8C- 90-AA	2～ 8	20
		-120-AA	2～ 8	20
		-150-AA	2～ 8	20
		-180-AA	2～ 8	20
		-MMC12C- 90-AA	4～12	30
		-120-AA	4～12	30
		-150-AA	4～12	30
		-180-AA	4～12	30
BT50	BT50	-MMC 4 -105-AA	1～ 4	15
		-MMC 8C-105-AA	2～ 8	20
		-135-AA	2～ 8	20
		-165-AA	2～ 8	20
		-195-AA	2～ 8	20
		-MMC12C-105-AA	4～12	30
		-135-AA	4～12	30
		-165-AA	4～12	30
		-195-AA	4～12	30

NBT

Coolant-thru becomes the standard . (MMC8 / MMC12)

NBT Toolholders are interchangeable between standard and double face contact spindles greater flexibility.





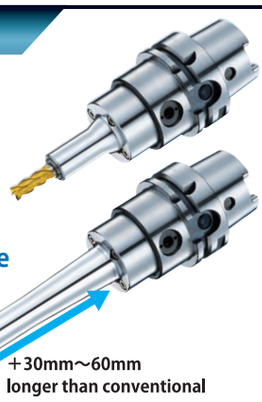
Extra-long size is available

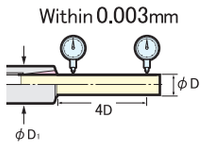
+30mm～60mm longer than conventional

Taper	Code No.		ϕD1	ϕD
NBT30	NBT30	-MMC 4 -105-AA	1～ 4	15
		-MMC 8C-105-AA	2～ 8	20
		-MMC12C-105-AA	4～12	30
NBT40	NBT40	-MMC 4 - 90-AA	1～ 4	15
		-MMC 8C- 90-AA	2～ 8	20
		-120-AA	2～ 8	20
		-150-AA	2～ 8	20
		-180-AA	2～ 8	20
		-MMC12C- 90-AA	4～12	30
		-120-AA	4～12	30
		-150-AA	4～12	30
		-180-AA	4～12	30
NBT50	NBT50	-MMC 4 -105-AA	1～ 4	15
		-MMC 8C-105-AA	2～ 8	20
		-135-AA	2～ 8	20
		-165-AA	2～ 8	20
		-195-AA	2～ 8	20
		-MMC12C-105-AA	4～12	30
		-135-AA	4～12	30
		-165-AA	4～12	30
		-195-AA	4～12	30

HSK

Coolant-thru have already become the standard (MMC8 / MMC12)





Extra-long size is available

+30mm～60mm longer than conventional

Taper	Code No.		ϕD1	ϕD
HSK 50A	HSK 50A	-MMC 4 -128-AA	1～ 4	15
		-MMC 8C-127-AA	1～ 4	15
		-157-AA	2～ 8	20
		-187-AA	2～ 8	20
		-MMC12C-129-AA	4～12	30
		-159-AA	4～12	30
		-189-AA	4～12	30
HSK 63A	HSK 63A	-MMC 4 -116-AA	1～ 4	15
		-MMC 8C-115-AA	2～ 8	20
		-145-AA	2～ 8	20
		-175-AA	2～ 8	20
		-MMC12C-117-AA	4～12	30
		-147-AA	4～12	30
		-177-AA	4～12	30
HSK100A	HSK100A	-MMC 4 -131-AA	1～ 4	15
		-MMC 8C-130-AA	2～ 8	20
		-160-AA	2～ 8	20
		-190-AA	2～ 8	20
		-MMC12C-130-AA	4～12	30
		-160-AA	4～12	30
		-190-AA	4～12	30
HSK 50E	HSK 50E	-MMC 4 -128-AA	1～ 4	15
		-MMC 8C-127-AA	2～ 8	20
		-MMC12C-129-AA	4～12	30
HSK 63E	HSK 63E	-MMC 4 -116-AA	1～ 4	15
		-MMC 8C-115-AA	2～ 8	20
		-MMC12C-117-AA	4～12	30
HSK 63F	HSK 63F	-MMC 4 -128-AA	1～ 4	15
		-MMC 8C-127-AA	2～ 8	20
		-MMC12C-129-AA	4～12	30

MINI-MINI CHUCK COLLET

Standard Type

for MMC4

MPK Collet



Code No.
MPK 4-1, 1.5, 2, 2.5, 3, 3.5, 4

PMK Collet



Code No.
PMK 8-2, 2.2, 2.4,…3,…4,…5,…6,…7,…8*
PMK 12-4, 5, 6, 8, 10, 12

★Please note the acceptable shank tolerance is h6.
★Even the gripping range of PMK collet is 0.2mm/dia. (e.g. PMK8-2 : 1.8～2.0), but the shank tolerance of h6 is highly recommended for precision machining.

Coolant-thru Type

Coolant Perfect Sealing

VMK Collet



Code No.
VMK 8-2, 3, 4, 5, 6, 8
VMK12-4, 5, 6, 8, 10, 12

Oil Jet Coolant

VMK-J Collet



Code No.
VMK 8-2J, 3J, 4J, 5J, 6J, 8J
VMK12-4J, 5J, 6J, 8J, 10J, 12J