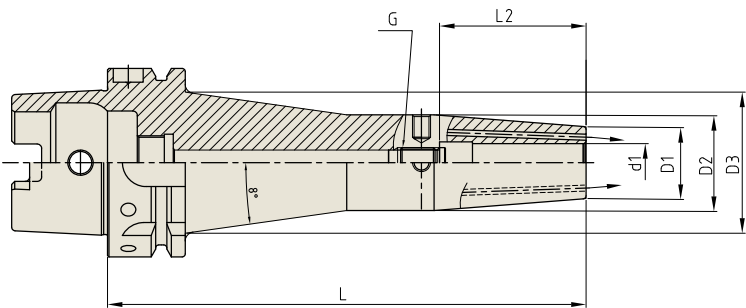


SHRINK FIT HOLDER

HSK



DIN 69893-HSK

AT3

2.5G

25,000 RPM

≤0.00012" (at 3D)

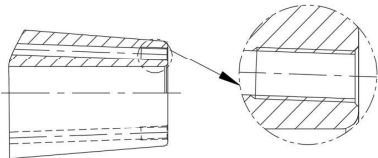
AD+C

HSK63A - Coolant Channel & Thick Wall (Inch)

Unit : inch

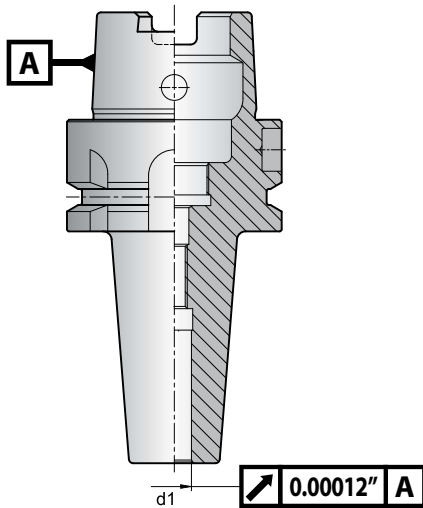
EDP No.	TAPER No.	MODEL No.	d1	D1	D2	D3	L	L2	G
VQ026JTW	63A	HSK63A - SFH 1/4C TW - 6.30	0.250	0.827	1.063	1.661	6.300	1.417	M5x0.8mm
VQ060JTW		HSK63A - SFH 5/16C TW - 6.30	0.313	0.827	1.063	1.661	6.300	1.417	M6x1.0mm
VQ030JTW		HSK63A - SFH 3/8C TW - 6.30	0.375	0.945	1.260	1.858	6.300	1.713	M8x1.0mm
VQ062JTW		HSK63A - SFH 7/16C TW - 6.30	0.438	0.945	1.260	1.858	6.300	1.929	M10x1.0mm
VQ034JTW		HSK63A - SFH 1/2C TW - 6.30	0.500	0.945	1.260	1.858	6.300	1.929	M10x1.0mm
VQ038JTW		HSK63A - SFH 5/8C TW - 6.30	0.625	1.063	1.339	1.937	6.300	2.047	M12x1.0mm

* Resealable type available. (Thread for plugging screw & screws)



01. High Precision I.D

Run-out : $\leq 0.00012"$

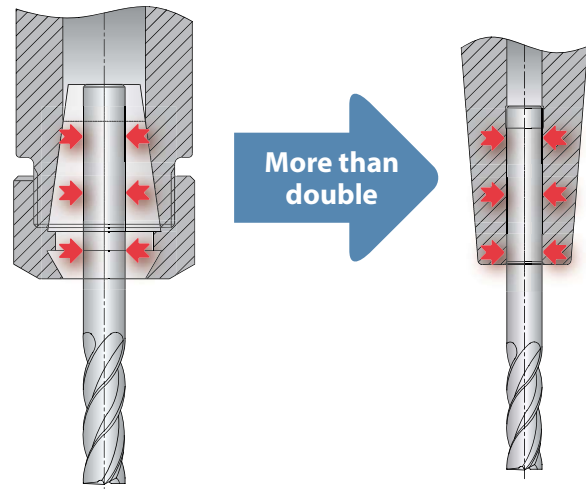


- Less than 0.00012" of Tool Holder accuracy at I.D

02. Strong and Consistent Torque Power

Collet Chuck

Shrink Fit Holder

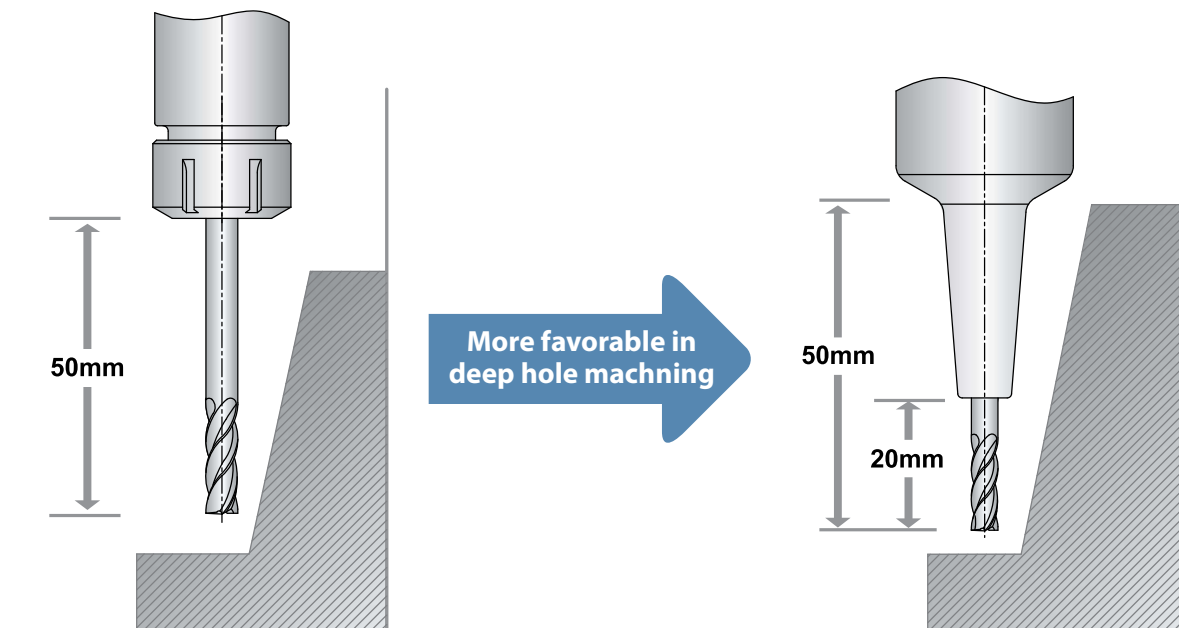


- Achieving strong torque power by integration of chuck and tool

03. Deep hole Machining

Collet Chuck

Shrink Fit Holder



- Suitable for High Speed precision deep hole machining

● SHANK TYPE OF CUTTING TOOL

Straight shank



One weldon flat shaft type



● MATERIAL OF CUTTING TOOL

CARBIDE
TOOL

YES

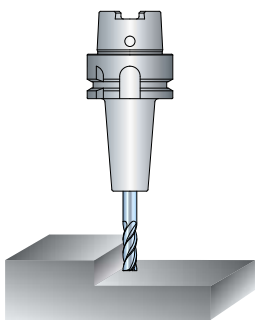
HSS
TOOL

NO

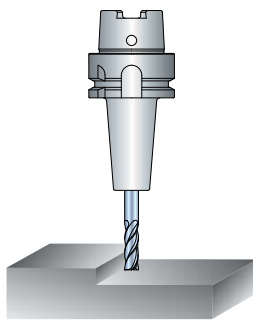
- One Weldon flat shaft type tool is usable, but there is a possibility that the I.D of Shrink Fit Holder may be deformed.

● APPLICATION

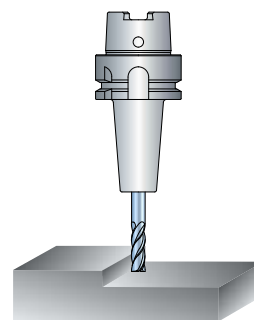
Rough Milling



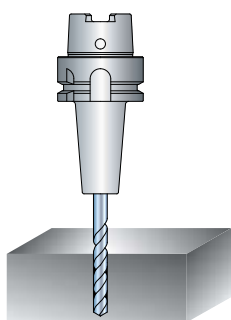
Finish Milling



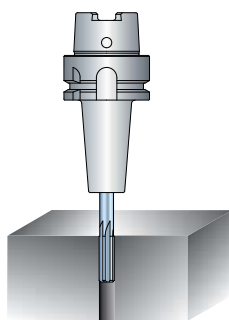
High Speed Cutting



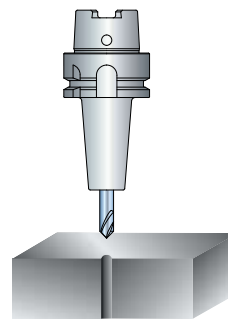
Drilling



Reaming



Countersinking



● T.I.R (TOTAL INDICATED RUN-OUT)

HYDRAULIC CHUCK

Concentric to 0.00012" T.I.R (at 3D)

SHRINK FIT HOLDER

Concentric to 0.00012" T.I.R (at I.D)

ER COLLET CHUCK

Concentric to 0.0002" T.I.R (at I.D)

END MILL HOLDER

Concentric to 0.0002" T.I.R (at I.D)

SLITTING SAW ARBOR

Face perpendicular to taper within 0.0002" T.I.R (at I.D)

STUB ARBOR

Face perpendicular to taper within 0.0002" T.I.R (at I.D)

SHELL MILL ARBOR

Face perpendicular to taper within 0.0001" T.I.R

Out diameter to taper within 0.0002" T.I.R

MORSE & JACOBS TAPER ARBOR

Concentric to 0.0003" T.I.R

* To put tool precisely on spindle center line for getting correct T.I.R

- AT3 or better accuracy on all shank tapers
- Accurate and rigid tool holder mounting to spindle
- The bore diameter of all tool holders is controlled by H5 grade tolerance limit.

TAPER	AT3
#30	0.000078"
#40	0.00012"
#50	0.00016"