

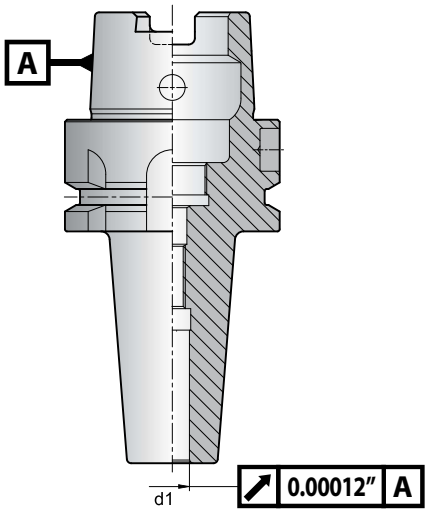
CCT50 - Coolant Channel (Inch)

CCT | AT3 | 2.5G | 25,000 RPM | (at 3D) ≤0.00012" | AD/B+C

Unit : inch

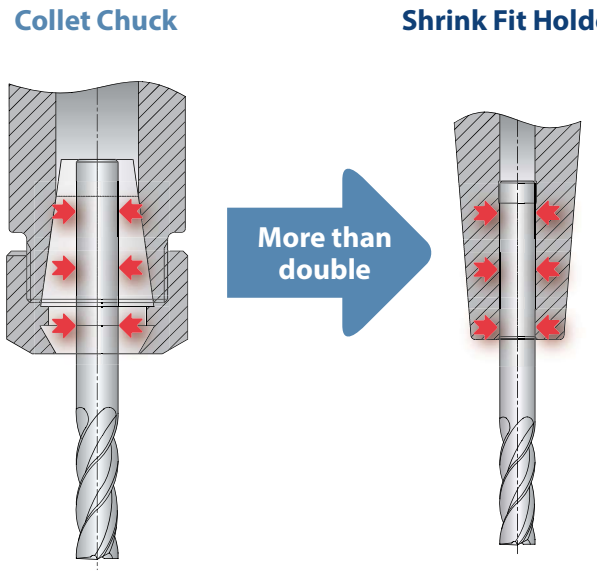
EDP No.	MODEL No.	d1	D1	D2	L	L2	G
VC024J	CCT50 AD/B - SFH 1/4C - 3.15	0.250	0.827	1.063	3.150	1.417	M5x0.8mm
VC026J	CCT50 AD/B - SFH 1/4C - 6.30	0.250	0.827	1.063	6.300	1.417	M5x0.8mm
VC028J	CCT50 AD/B - SFH 3/8C - 3.15	0.375	0.945	1.260	3.150	1.634	M8x1.0mm
VC030J	CCT50 AD/B - SFH 3/8C - 6.30	0.375	0.945	1.260	6.300	1.634	M8x1.0mm
VC032J	CCT50 AD/B - SFH 1/2C - 3.15	0.500	0.945	1.260	3.150	1.929	M10x1.0mm
VC034J	CCT50 AD/B - SFH 1/2C - 6.30	0.500	0.945	1.260	6.300	1.929	M10x1.0mm
VC036J	CCT50 AD/B - SFH 5/8C - 3.15	0.625	1.063	1.339	3.150	2.047	M12x1.0mm
VC040J	CCT50 AD/B - SFH 5/8C - 6.30	0.625	1.063	1.339	6.300	2.047	M12x1.0mm
VC042J	CCT50 AD/B - SFH 3/4C - 3.15	0.750	1.299	1.654	3.150	2.126	M16x1.0mm
VC044J	CCT50 AD/B - SFH 3/4C - 6.30	0.750	1.299	1.654	6.300	2.126	M16x1.0mm
VC046J	CCT50 AD/B - SFH 1.0C - 3.94	1.000	1.732	2.087	3.940	2.362	M16x1.0mm
VC048J	CCT50 AD/B - SFH 1.0C - 6.30	1.000	1.732	2.087	6.300	2.362	M16x1.0mm
VC050J	CCT50 AD/B - SFH 1 1/4C - 3.94	1.250	1.732	2.087	3.940	2.362	M16x1.0mm
VC052J	CCT50 AD/B - SFH 1 1/4C - 6.30	1.250	1.732	2.087	6.300	2.362	M16x1.0mm

01. High Precision I.D Run-out : ≤ 0.00012"



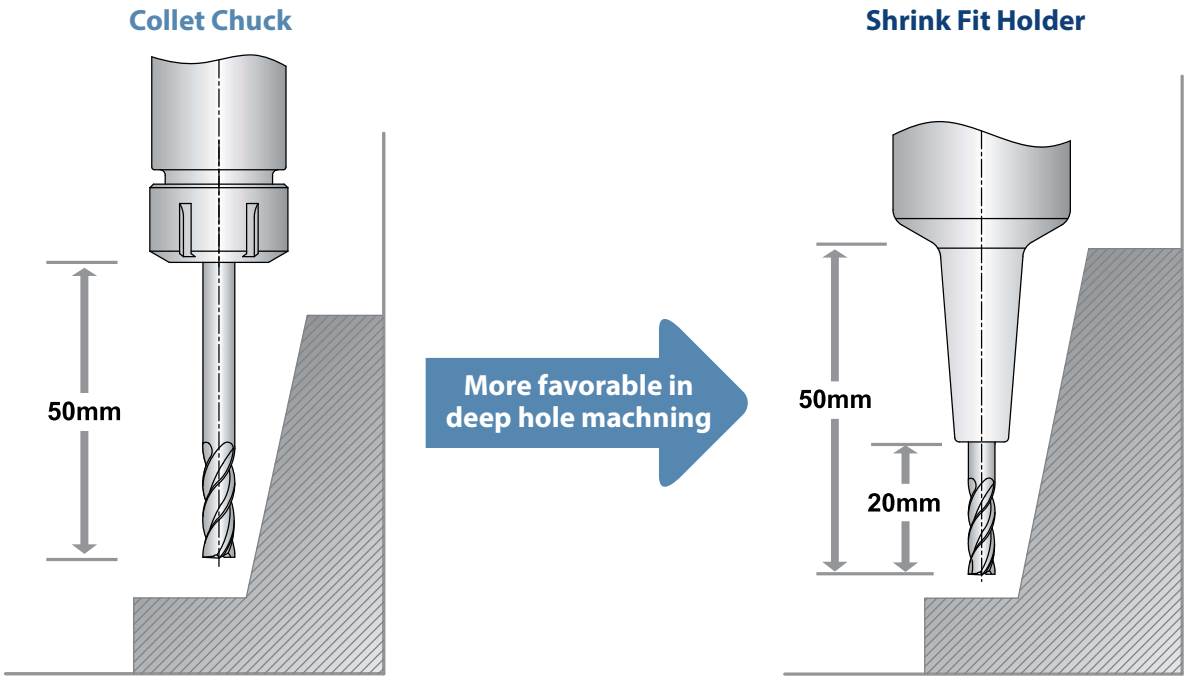
- Less than 0.00012" of Tool Holder accuracy at I.D

02. Strong and Consistent Torque Power



- Achieving strong torque power by integration of chuck and tool

03. Deep hole Machining



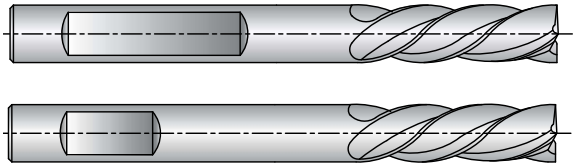
- Suitable for High Speed precision deep hole machining

SHANK TYPE OF CUTTING TOOL

Straight shank



One weldon flat shaft type

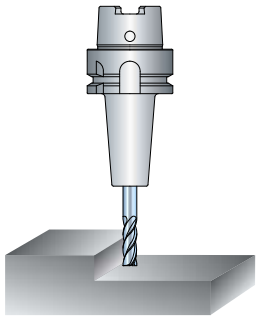
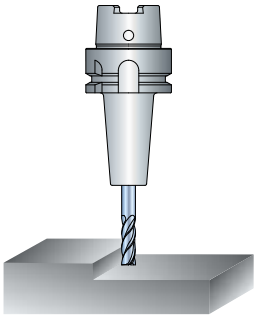
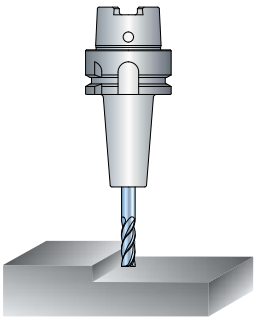


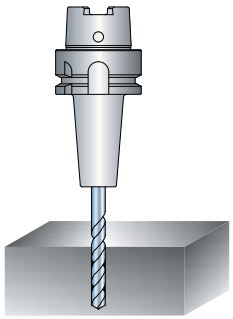
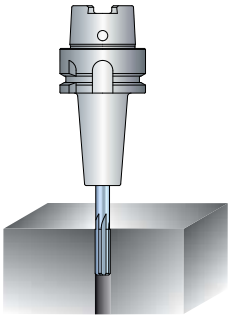
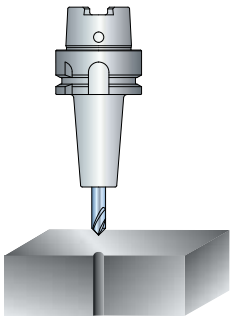
MATERIAL OF CUTTING TOOL

CARBIDE TOOL	HSS TOOL
YES	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″