

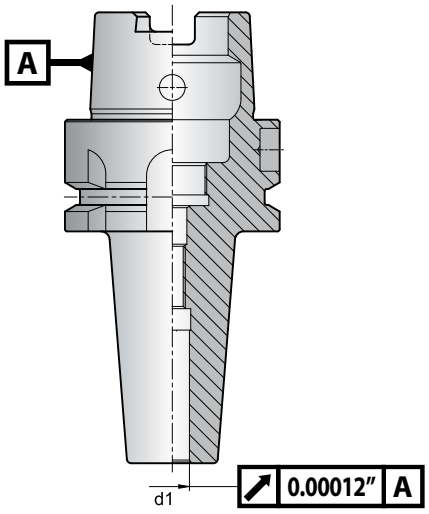
CCT40 - Coolant Channel (Inch)

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

Unit : inch

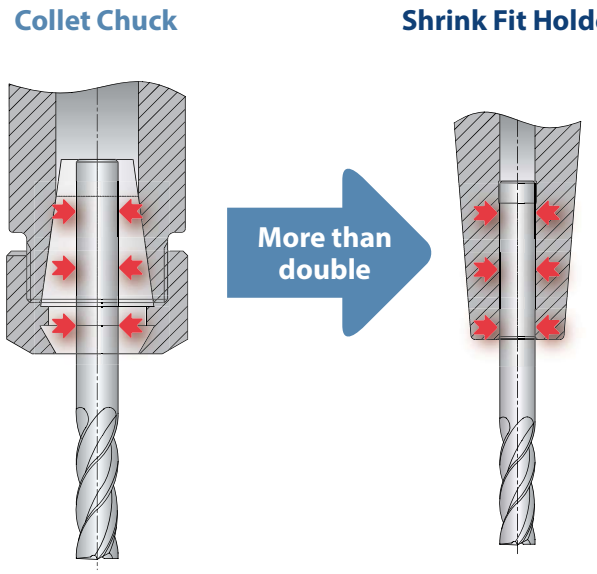
EDP No.	MODEL No.	d1	D1	D2	L	L2	G
VB020J	CCT40 AD/B - SFH 1/8C - 3.15	0.125	0.472	0.827	3.150	0.394	-
VB022J	CCT40 AD/B - SFH 3/16C - 3.15	0.188	0.472	0.827	3.150	0.472	-
VB024J	CCT40 AD/B - SFH 1/4C - 3.15	0.250	0.827	1.063	3.150	1.417	M5x0.8mm
VB026J	CCT40 AD/B - SFH 1/4C - 6.30	0.250	0.827	1.063	6.300	1.417	M5x0.8mm
VB028J	CCT40 AD/B - SFH 3/8C - 3.15	0.375	0.945	1.260	3.150	1.713	M8x1.0mm
VB030J	CCT40 AD/B - SFH 3/8C - 6.30	0.375	0.945	1.260	6.300	1.713	M8x1.0mm
VB032J	CCT40 AD/B - SFH 1/2C - 3.15	0.500	0.945	1.260	3.150	1.929	M10x1.0mm
VB034J	CCT40 AD/B - SFH 1/2C - 6.30	0.500	0.945	1.260	6.300	1.929	M10x1.0mm
VB036J	CCT40 AD/B - SFH 5/8C - 3.15	0.625	1.063	1.339	3.150	2.047	M12x1.0mm
VB038J	CCT40 AD/B - SFH 5/8C - 6.30	0.625	1.063	1.339	6.300	2.047	M12x1.0mm
VB040J	CCT40 AD/B - SFH 3/4C - 3.15	0.750	1.299	1.654	3.150	2.126	M16x1.0mm
VB042J	CCT40 AD/B - SFH 3/4C - 6.30	0.750	1.299	1.654	6.300	2.126	M16x1.0mm
VB044J	CCT40 AD/B - SFH 1.0C - 3.94	1.000	1.732	2.087	3.940	2.362	M16x1.0mm
VB046J	CCT40 AD/B - SFH 1.0C - 6.30	1.000	1.732	2.087	6.300	2.362	M16x1.0mm
VB048J	CCT40 AD/B - SFH 1 1/4C - 3.94	1.250	1.732	2.087	3.940	2.362	M16x1.0mm
VB050J	CCT40 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"



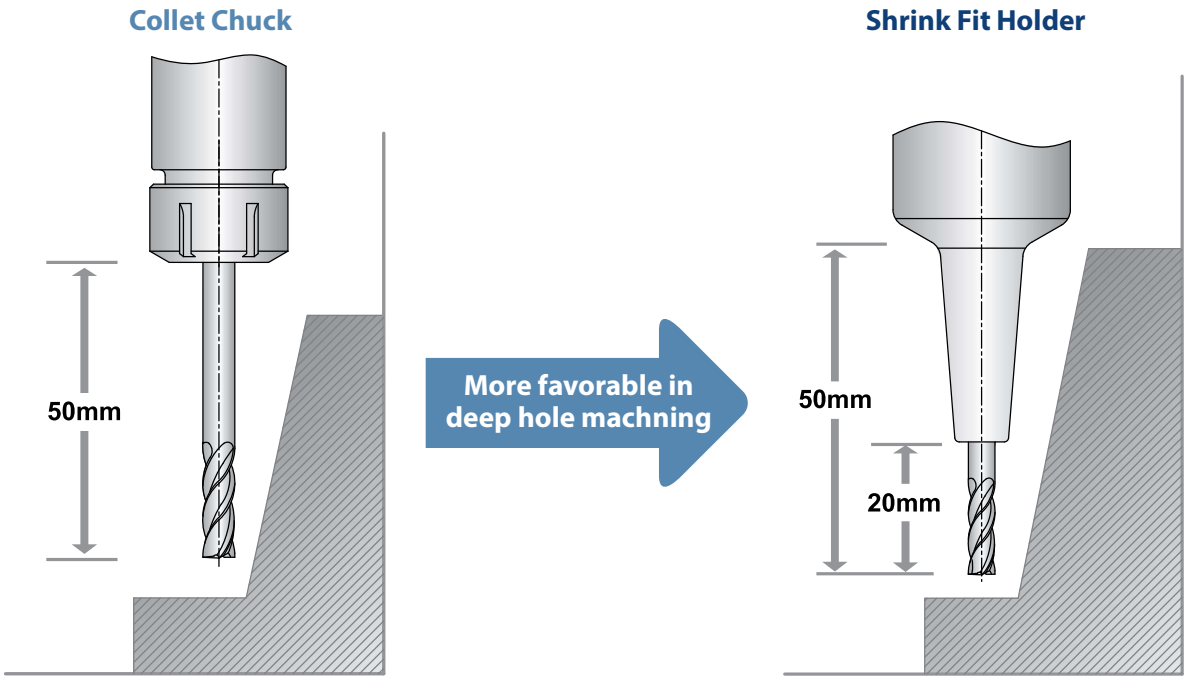
- Less than 0.00012" of Tool Holder accuracy at I.D

02. Strong and Consistent Torque Power



- Achieving strong torque power by integration of chuck and tool

03. Deep hole Machining



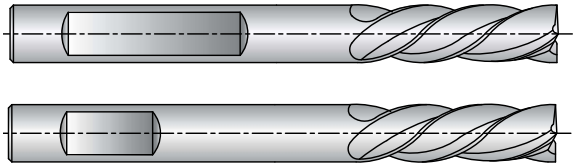
- Suitable for High Speed precision deep hole machining

SHANK TYPE OF CUTTING TOOL

Straight shank



One weldon flat shaft type

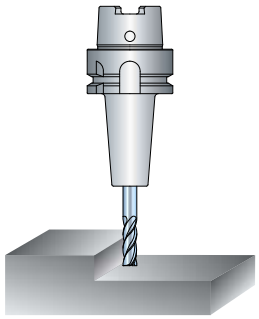
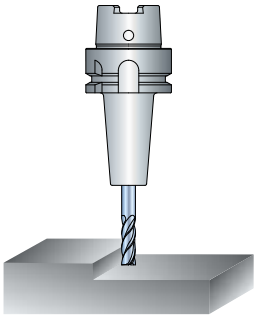
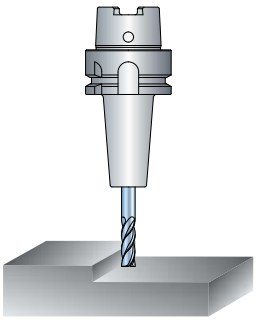


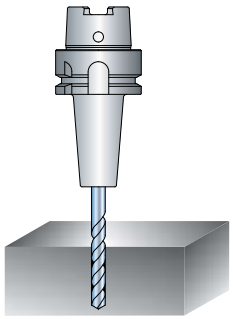
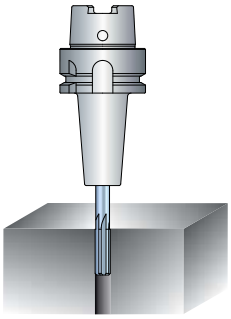
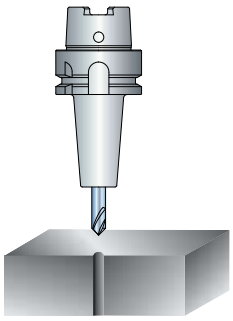
MATERIAL OF CUTTING TOOL

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″