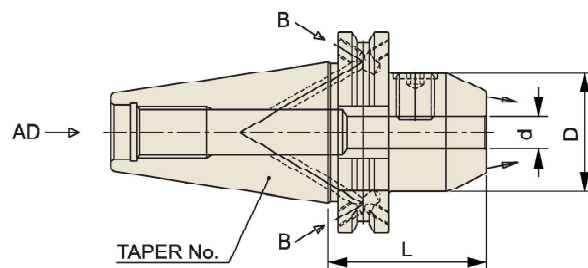


END MILL HOLDER (COOLANT CHANNEL TYPE)

CAT



ASME B5.50
- CAT

Taper
Accuracy
AT3

G Value
6.3

RPM
15,000

Coolant
System
AD/B+C

ASME B5.50-2009-CAT

Unit : inch

EDP No.	TAPER No.	MODEL No.	d	D	L
AK002C	40	CAT40AD/B-EMH1/4C-1.97	0.250	0.780	1.969
AK003C		CAT40AD/B-EMH5/16C-1.97	0.313	0.880	1.969
AK004C		CAT40AD/B-EMH3/8C-1.97	0.375	1.000	1.969
AK005C		CAT40AD/B-EMH1/2C-1.97	0.500	1.250	1.969
AK008C		CAT40AD/B-EMH5/8C-2.48	0.625	1.500	2.480
AK010C		CAT40AD/B-EMH3/4C-2.48	0.750	1.750	2.480
AK012C		CAT40AD/B-EMH1C-3.94	1.000	2.000	3.937
AK017C		CAT40AD/B-EMH1 1/4C-3.94	1.250	2.500	3.937
AL002C	50	CAT50AD/B-EMH1/4C-2.48	0.250	0.780	2.480
AL003C		CAT50AD/B-EMH5/16C-2.48	0.313	0.880	2.480
AL004C		CAT50AD/B-EMH3/8C-2.48	0.375	1.000	2.480
AL005C		CAT50AD/B-EMH1/2C-2.48	0.500	1.250	2.480
AL008C		CAT50AD/B-EMH5/8C-2.48	0.625	1.500	2.480
AL010C		CAT50AD/B-EMH3/4C-2.48	0.750	1.750	2.480
AL012C		CAT50AD/B-EMH1C-3.15	1.000	2.000	3.150
AL017C		CAT50AD/B-EMH1 1/4C-3.94	1.250	2.500	3.937

* High balanced End Mill Holders are available on request.

* Set screws for End Mill Holders on page 65.

TECHNICAL INFORMATION

T.I.R and TOLERANCE

● 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"