

DUAL CONTACT SIDE LOCK ARBOR

CBT



FIG.1

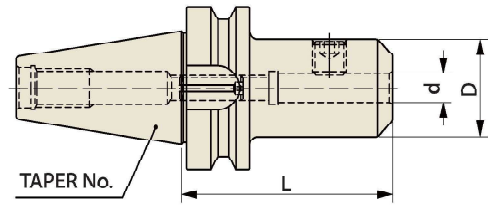
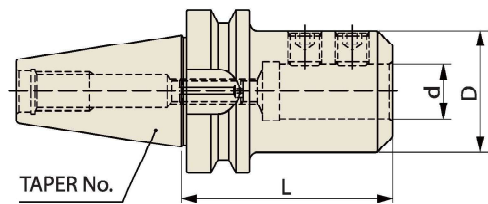


FIG.2



CBT	Taper Accuracy AT3	G Value 2.5	RPM 25,000	Coolant System AD
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CBT (BT DUAL CONTACT)

Unit : inch

EDP No.	TAPER No.	MODEL No.	d	D	L	FIG.
AD020	30	CBT30-SLA1/4-2.36	0.250	0.780	2.362	1
AD022		CBT30-SLA5/16-2.36	0.313	0.880	2.362	1
AD024		CBT30-SLA3/8-2.36	0.375	1.000	2.362	1
AD026		CBT30-SLA1/2-2.36	0.500	1.250	2.362	1
AD028		CBT30-SLA5/8-2.95	0.625	1.500	2.953	1
AD030		CBT30-SLA3/4-2.95	0.750	1.750	2.953	2
AD032		CBT30-SLA1"-2.95	1.000	2.000	2.953	2
AE020		40	CBT40 SLA1/4 2.36	0.250	0.780	2.362
AE022	CBT40-SLA5/16-2.36		0.313	0.880	2.362	1
AE024	CBT40-SLA3/8-2.36		0.375	1.000	2.362	1
AE026	CBT40-SLA1/2-2.36		0.500	1.250	2.362	1
AE028	CBT40-SLA5/8-3.54		0.625	1.500	3.543	1
AE030	CBT40-SLA3/4-3.54		0.750	1.750	3.543	1
AE032	CBT40-SLA1"-3.54		1.000	2.000	3.543	2
AE034	CBT40-SLA1 1/4-3.54		1.250	2.500	3.543	2

* 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"