

Electromagnetic chuck for removing distortion ACSHIM* Series

This is an epoch-making chuck that supports a distorted/warped workpiece with sticks to hold it in its natural state.

<Model KEZF-WS and KEZF-G>

● Sticks on the work face support a distorted (warped) workpiece and hold it in a natural state. Since no measures are necessary to support such workpieces using shims, etc., the work efficiency can be improved.

● A series of operation from supporting a workpiece (raising the sticks) up to holding and securing the workpiece can be done quickly.
 ● Each stick unit (workpiece support) can be removed easily for easy maintenance.

Model KEZF-WS ACSHIM* FOR PRECISION CUTTING



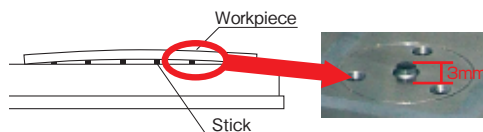
KEZF-WS4080
Chuck controller required additionally

[Application]

The sticks arranged at certain pitches enable precise setting of workpieces quickly in the machining sector including mold bases in dry milling operations.

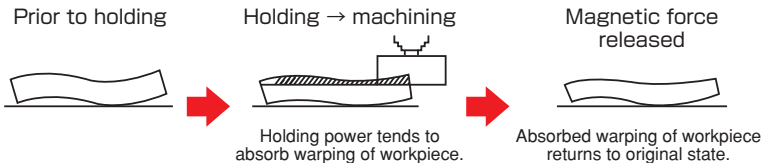
[Features]

- The precision flatness machining time can be reduced by 50%.
- The turn-over process in machining is reduced from 3 - 4 steps to 2 steps.
- The use of sticks requires no skills to machine workpieces precisely.
- Workpieces of 3 mm distortion max. can be supported.
- Most suitable for milling plates that are 20 mm or thicker.

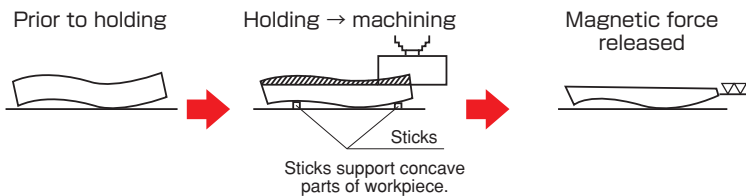


A gap in the center of a warped workpiece that cannot be reached by shims is supported by sticks.

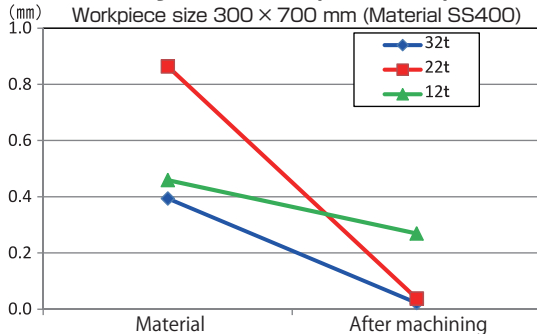
Normal electromagnetic chuck



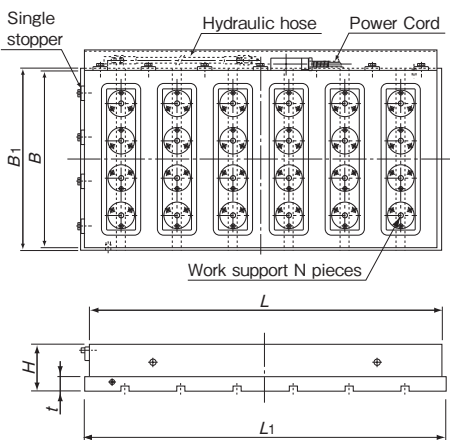
ACSHIM



Accuracy improvement by ACSHIM (Flatness)



Note: Not guaranteed values.



Model	Nominal Size	Work Face		Mounting Face		Height H	Number of Sticks	Mass	Dedicated Control Unit
		B	L	B ₁	L ₁				
KEZF-WS 3060	300 (11.8) × 600 (23.6)	300 (11.8)	600 (23.6)	310 (12.2)	620 (24.4)	30 (1.18)	15	130kg/286 lb	EH-VFW205A
KEZF-WS 4080	400 (15.7) × 800 (31.5)	400 (15.7)	800 (31.5)	410 (16.1)	820 (32.2)		24	230kg/507 lb	
KEZF-WS50100	500 (19.6) × 1000 (39.4)	500 (19.6)	1000 (39.4)	510 (20.0)	1020 (40.1)		40	360kg/793 lb	
KEZF-WS60100	600 (23.6) × 1000 (39.4)	600 (23.6)	1000 (39.4)	610 (24.0)			48	430kg/948 lb	

[mm (in)]