

# Electromagnetic chuck for processing to remove deformation.ACSHIM® SERIES

This is epoch making chuck, incorporate air electric controlled support sticks to hold deformation and/or warp of the work piece and attract the work piece in its natural conditions.

<KEZF-WS type , KEZF-G type>

●Sticks on working face support deformation (distortion ) on the work piece and hold it in natural situation.  
Work pieces can be set quickly. Shims are not necessary leading to improve working efficiency.

●Operating set up from work support ( stick up ) to attracting/ fixing can be done with one touch.  
●Each stick unit ( work unit ) can be removed easily. Maintenance performance is excellent.

## Model KEZF-WS ACSHIM FOR WET CUTTING



KEZF-WS4080

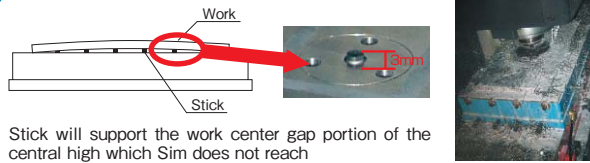
Chuck controller required additionally

### [Applications]

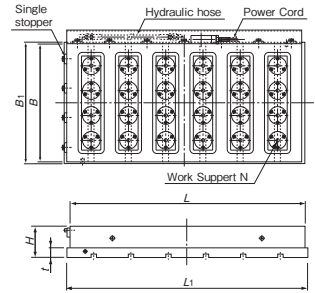
- This chuck is designed for work pieces with deformation of up to 3mm.
- This chuck provides excellent attractive force for thin plate ( t=more than 12mm)

### [Features]

- Working time can be reduced by 50% with precise flatness.
- This chuck is workable under wet operation.



Stick will support the work center gap portion of the central high which Sim does not reach



[mm (in)]

Model	Nominal Dimensions	Top Plate		Bottom Plate			Height H	Total number of Stick	Mass	Exclusive use Chuck Master
		B	L	B <sub>1</sub>	L <sub>1</sub>	t				
KEZF-WS 3060	300(11.8) × 600(23.6)	300(11.8)	600(23.6)	310(12.2)	620(24.4)	30(1.18)	105(4.13)	15(0.59)	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(0.94)	230kg/507 lb	
KEZF-WS50100	500(19.6) × 1000(39.4)	500(19.6)	1000(39.4)	510(20.0)	1020(40.1)			40(1.57)	360kg/793 lb	
KEZF-WS60100	600(23.6) × 1000(39.4)	600(23.6)		610(24.0)				48(1.88)	430kg/948 lb	

## Model KEZF-G ACSHIM FOR GRINDING



KEZF-G3060

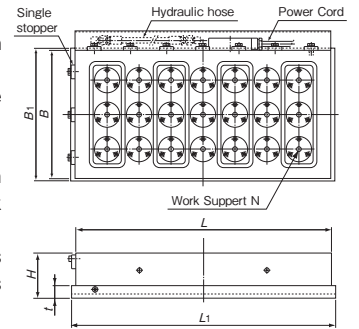
Chuck controller required additionally

### [Applications]

- This chuck is designed for work pieces with deformation of up to 3mm.
- This chuck provides excellent attractive force for thin plate ( t=more than 12mm)

### [Features]

- It is possible to make deformation tremendously small when light weight work piece or thin plate is attracted and fixed.
- Because spring back after processed is diminished, the accuracy of finished face is improved.
- This chuck is workable under wet operation.



[mm (in)]

Model	Nominal Dimensions	Top Plate		Bottom Plate			Height H	Total number of Stick	Mass	Exclusive use Chuck Master
		B	L	B <sub>1</sub>	L <sub>1</sub>	t				
KEZF-G 3060	300(11.8) × 600(23.6)	300(11.8)	600(23.6)	310(12.2)	620(24.4)	30(1.18)	105(4.13)	21(0.82)	130kg/286 lb	EH-VFW205A
KEZF-G 4080	400(15.7) × 800(31.5)	400(15.7)	800(31.5)	410(16.1)	820(32.2)			36(1.41)	230kg/507 lb	
KEZF-G50100	500(19.6) × 1000(39.4)	500(19.6)	1000(39.4)	510(20.0)	1020(40.1)			55(2.16)	360kg/793 lb	
KEZF-G60100	600(23.6) × 1000(39.4)	600(23.6)		610(24.0)				66(2.59)	430kg/948 lb	

## Model EH-VFW CONTROL UNIT FOR ACSHIM FOR GRINDING/WET CUTTING



EH-VFW205A

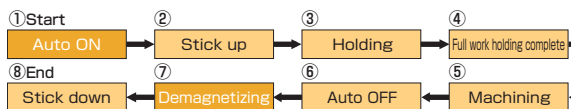
operation box

### [Applications]

This specifically designed unit functions to control magnetic force and movement of sticks of ACSHIM.

### [Features]

The entire successive operation proceeds automatically by auto button inside of operation box.



[mm (in)]

Model	Power Source	Output	Current	Air Source	Dimensions			Mass	Operation Box		
					Width	Height	Depth		Width	Height	Depth
EH-VFW205A	AC200V	DC0~90V	5A	0.3~0.5MPa	600(23.6)	500(19.6)	250(9.84)	40kg/ 88 lb	180(7.08)	180(7.08)	70(2.75)
EH-VFW210A	50/60Hz		10A		700(27.5)	600(23.6)	300(11.8)	50kg/110 lb			

ELECTROMAGNETIC CHUCK CONTROLLERS PERMANENT MAGNETIC CHUCKS ELECTROMAGNETIC CHUCKS BLOCKS FOR MC VACUUM CHUCKS PROMELTA SYSTEM SINE BAR CHUCKS MAGNETIC BLOCKS WORKING TOOLS MEASURING TOOL HOLDERS MAGNETIC HOLDERS MAGNETIC TOOLS