

# Mechanical Adjustable Chock

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# Hi-MAC®

High Reliability
Productivity
Safety
Quality
Eco Friendly
Human Friendly
Time Saving
Cost Saving



Hi-MAC® is a reliable, permanent and reusable solution for all kinds of machinery foundation and it replaces the need of steel chock shims or cast resin. Hi-MAC® is a metal chock to make mounting accurate, convenient and easy and to eliminate mill and shim adjustment or mixing & curing time during installation.

Hi-MAC® is an adjustable steel mounting chock that can fit between a machine foot and its baseplate, soleplate or skid.

Hi-MAC® is strong and a re-usable machinery mounting chock for all types of rotating or critically aligned machinery.





### What are the advantages of **Hi-MAC**®?

Helps to align and to re-align the machinery quickly and accurately
Eliminates the extra work when installing epoxy resin chocks
Eliminates time consuming machining of steel chocks
Guarantees fast and simple elimination of soft foot under the machinery
Environmentally friendly. No Chemical & Re-usable
Self-aligned & height adjustable
Reliable and Safe

### Where using at?

Rotating machineries Compressors Electric motors Fans Pumps **Engines** Generators Gears Railways Gears Wind energy

# Why Hi-MAC®?



## Comparison Work Processing

### Resin

### **Steel Liner**

### Hi-MAC®

Preparation
Careful Cleaning Foundation
Level adjustment
Drill hole and spot facing
Cleaning
Installation of dam
Preliminary bolting
Mixing hardener
Pouring resin
Temperature check & keep
Curing
Sample Test*
Removing sharp edge**
Final bolting

	Preparation
	Cleaning Foundation
	Level adjusting equipment
	Grinding shim
	Contact test***
	Drill hole and spot facing
$\bigvee$	Final bolting
\/	

Preparation

Simple Cleaning Foundation

Level adjusting equipment

Assembly Hi-MAC®

Final bolting

<sup>\*</sup> If failure, repeat working again.

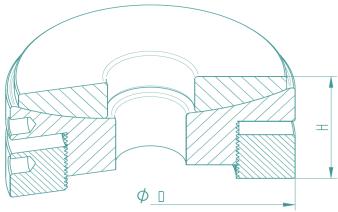
<sup>\*\*</sup> Reworking if defects are found.

<sup>\*\*\*</sup> If not acceptable, repeat grinding and contact test

# Hi-MAC® for General Mounting





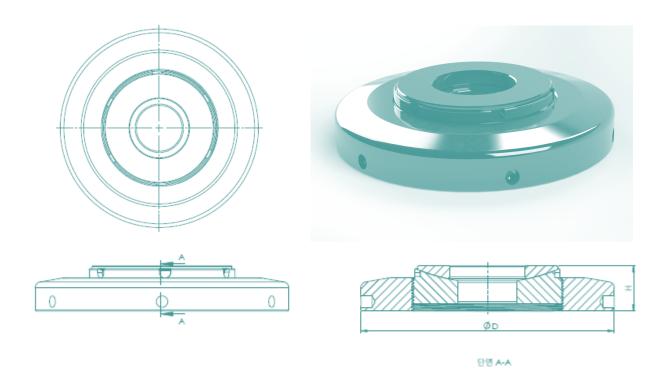


Туре	Diameter	Bolt Hole	Max. Equipment Weight	Max. Load/Unit	Min. Height	Max. Height	Recommended	Alternative	Alternative
	D	d	W <sub>E</sub>	$W_{max}$	Н		Foundation Bolt		lt
	mm	mm	kN	kN	mm	mm	Metric	Metric	Metric
Hi-MAC 12	64	17	8	48	30	38	M12	M14	M16
Hi-MAC 16	84	21	15	90	35	45	M16	M18	M20
Hi-MAC 20	104	25	25	145	40	50	M20	M22	M24
Hi-MAC 24	124	31	35	210	46	59	M24	M27	M30
Hi-MAC 30	144	37	60	335	53	66	M30	M33	M36
Hi-MAC 36	164	44	85	490	57	71	M36	M39	M42
Hi-MAC 42	194	50	120	690	61	77	M42	M45	M48
Hi-MAC 48	234	60	165	880	67	85	M48	M52	M56
Hi-MAC 56	249	66	230	1215	76	93	M56	M60	M64
Hi-MAC 64	279	74	320	1605	82	100	M64	M68	M72

<sup>\*</sup> Heavy duty model and custom size are available upon request.

# Hi-MAC® for Narrow Space



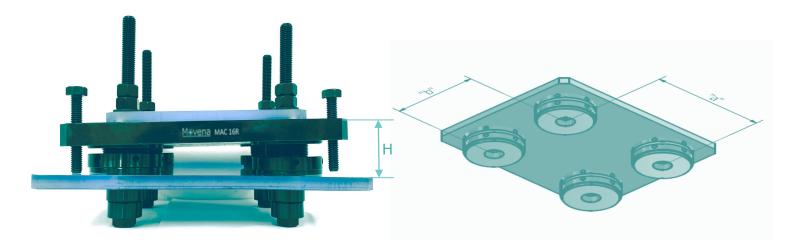


Туре	Diameter	Bolt Hole	Max. Equipment Weight	Max. Load/Unit	Min. Height	Max. Height	Recommended	Alternative	Alternative
	D	d	W <sub>E</sub>	W <sub>max</sub>	Н		max H Foundation Bo		t
	mm	mm	kN	kN	mm	mm	Metric	Metric	Metric
							11101110	IVICUIC	
Hi-MAC 16S	84	21	15	90	20	31	M16	M18	M20
Hi-MAC 16S Hi-MAC 20S	84 104								
		21	15	90	20	31	M16	M18	M20
Hi-MAC 20S	104	21 25	15 25	90 145	20 20	31 31	M16 M20	M18 M22	M20 M24
Hi-MAC 20S Hi-MAC 24S	104 134	21 25 31	15 25 35	90 145 210	20 20 20	31 31 31	M16 M20 M24	M18 M22 M27	M20 M24 M30

<sup>\*</sup> Heavy duty model and custom size are available upon request.

# Hi-MAC® for Resilient Mounting





Туре	Bolt Hole	Bolt Hole Arrg't		Min. Height	Max. Height	Recommended	Alternative	Alternative
	d	a b		Н		F	oundation Bo	t
	mm	mm	mm	mm	mm	Metric	Metric	Metric
Hi-MAC 16R	21	190	140	40	50	M16	M18	M20
Hi-MAC 16RS	21	190	140	25	36	M16	M18	M20
Hi-MAC 20R	25	205	150	45	55	M20	M22	M24
Hi-MAC 20RS	25	205	150	25	36	M20	M22	M24

### Hi-MAC® **Mechanical Adjustable Chock**

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