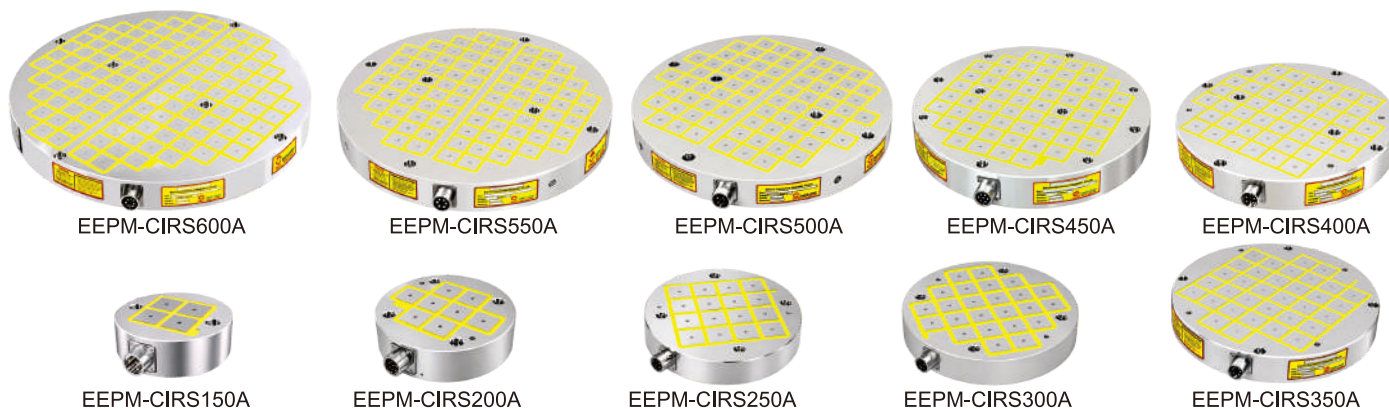
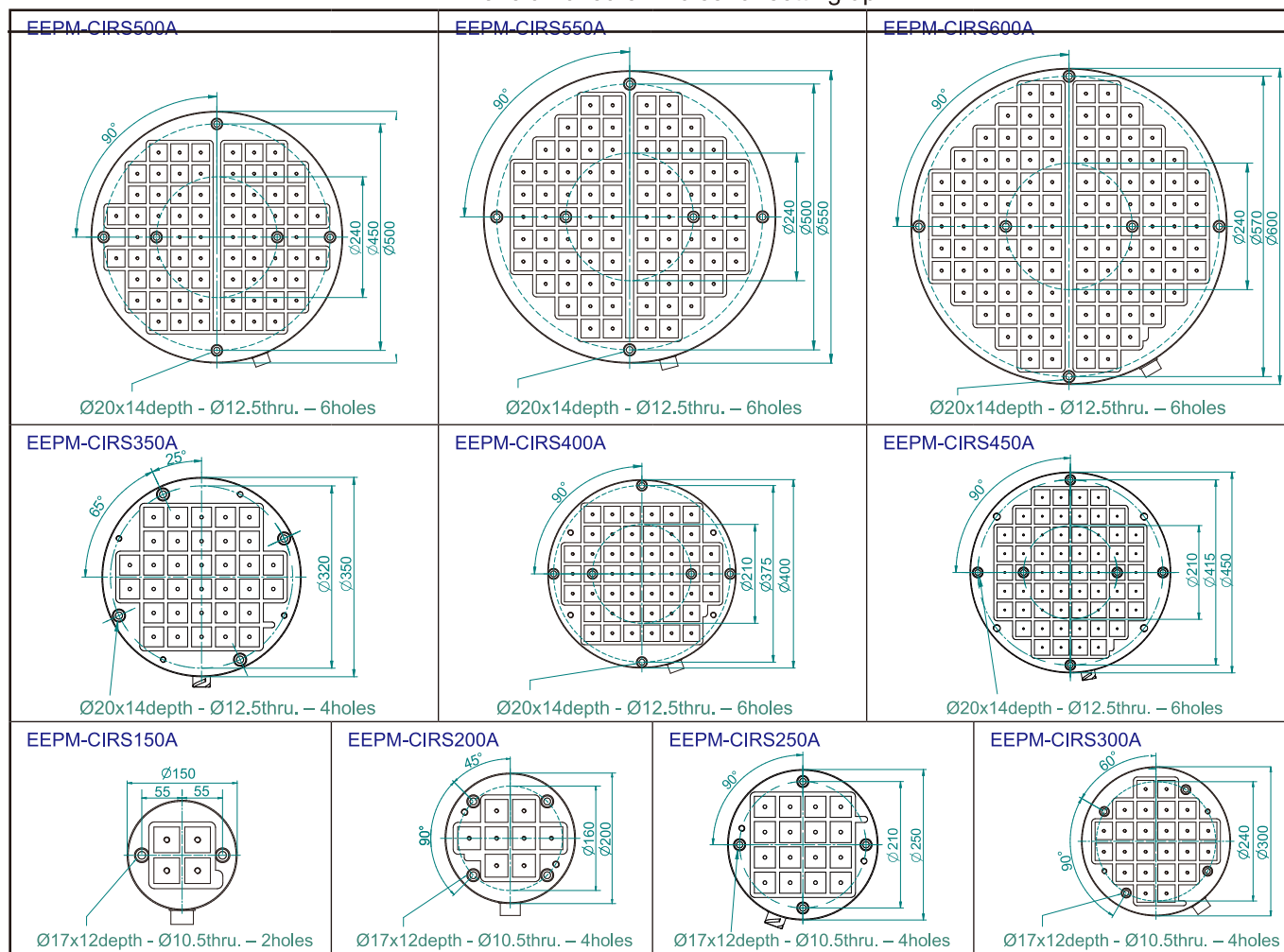


Suitable to be used with combine with Rotary type Surface Grinding Machine, CNC 5 Axis Machining Center ... etc.



Dimension of screw holes for setting up



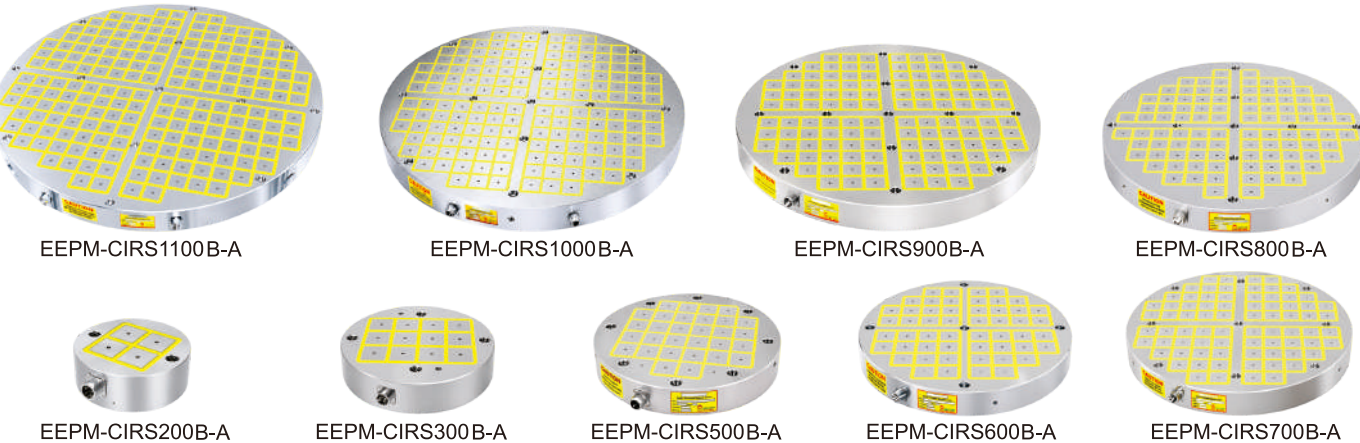
Unit:mm

MODEL NO	DIMENSION		PITCH	POLE	NO. OF POLE	CHUCK N.W.	VOLTAGE (Single Phase)	CURRENT AMP	CONTROLLER (included)
	D	HEIGHT							
EEPM-CIRS150A	Ø 150	50	7	35×35	4	6kg	CHUCK DC 220V	20A	C1-G
EEPM-CIRS200A	Ø 200	50	7		8	11kg		10A	C1-G
EEPM-CIRS250A	Ø 250	50	7		16	17kg		25A	C1-G
EEPM-CIRS300A	Ø 300	60	7		24	34kg		10A	C1-G
EEPM-CIRS350A	Ø 350	60	7		34	46kg	CONTROLLER AC 220V 480V	26A	C1-G
EEPM-CIRS400A	Ø 400	60	7		46	60kg		14A	C2-G
EEPM-CIRS450A	Ø 450	70	7		55	88kg		21A	C2-G
EEPM-CIRS500A	Ø 500	70	7		70	109kg		26A	C2-G
EEPM-CIRS550A	Ø 550	70	7		84	132kg		15A	C4-G
EEPM-CIRS600A	Ø 600	70	7		114	157kg		23A	C4-G

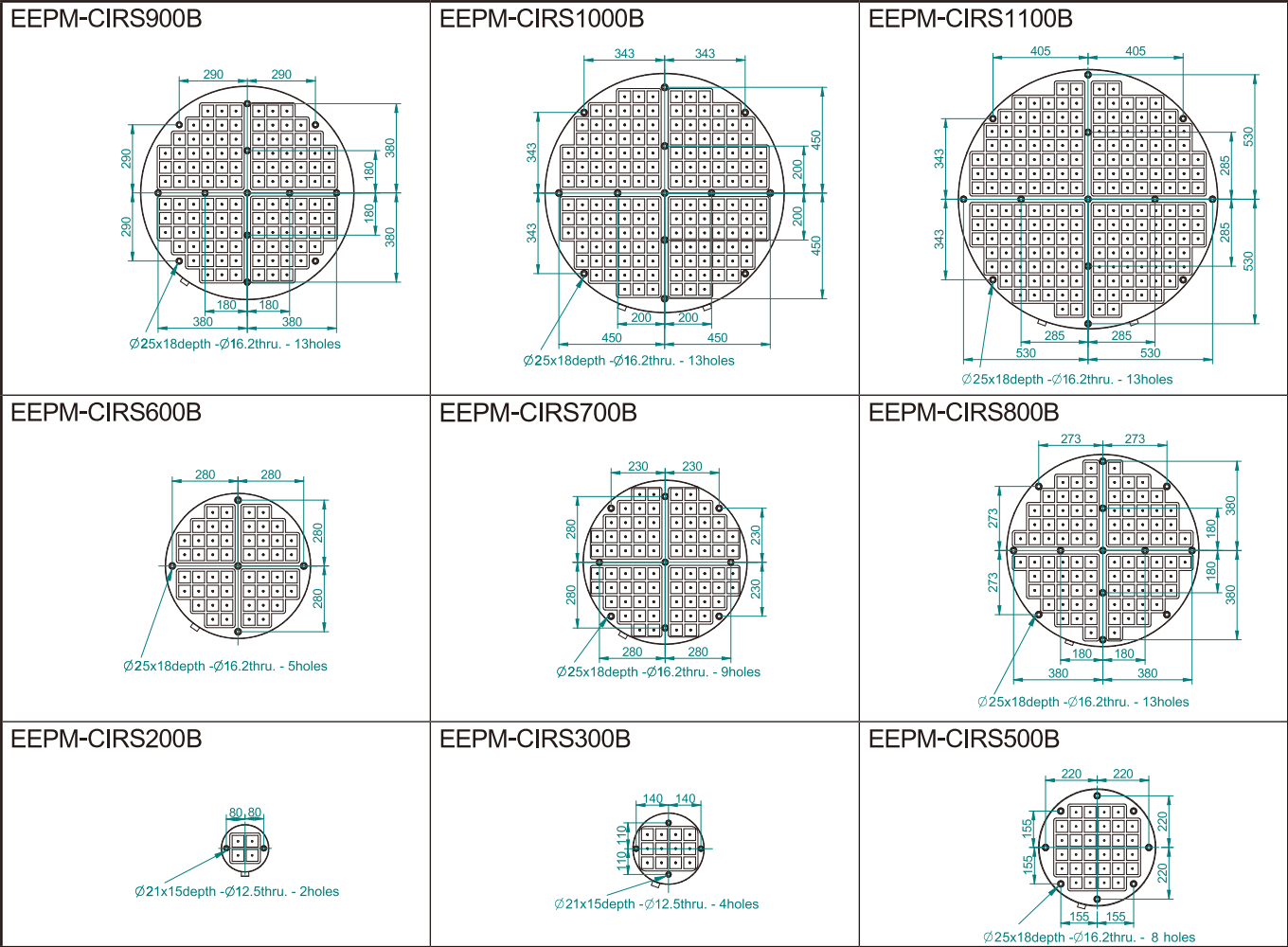
Electro-Permanent Magnetic Chuck

EEPM-CIRSB Series

Suitable to be used with combine with Rotary type Surface Grinding Machine, CNC 5 Axis Machining Center ... etc.



Dimension of screw holes for setting up



Unit:mm

MODEL NO	DIMENSION		PITCH	POLE	NO. OF POLE	CHUCK N.W.	VOLTAGE (Single Phase)	CURRENT AMP	CONTROLLER (included)	VOLTAGE (Single Phase)	CURRENT AMP	CONTROLLER (included)
	D	HEIGHT										
EEPM-CIRS200B	Ø 203	60	10	50×50	4	16kg	CHUCK DC 220V CONTROLLER AC 220V 1 480V	15A	C1-G	CHUCK DC 380V CONTROLLER AC 380V 1 480V	--	--
EEPM-CIRS300B	Ø 320	60	10		12	35kg		20A	C1-G		5A	C1-B
EEPM-CIRS500B	Ø 500	70	10		32	108kg		30A	C1-G		15A	C1-B
EEPM-CIRS600B	Ø 620	70	10		52	169kg		21A	C2-G		22A	C2-B
EEPM-CIRS700B	Ø 720	70	10		76	225kg		21A	C4-G		10A	C4-B
EEPM-CIRS800B	Ø 820	80	10		96	334kg		23A	C4-G		9A	C4-B
EEPM-CIRS900B	Ø 900	80	10		120	402kg		33A	C4-G		18A	C4-B
EEPM-CIRS1000B	Ø1020	90	10		164	581kg		29A	C8-G		27A	C8-B
EEPM-CIRS1100B	Ø1106	90	10		204	683kg		28A	C8-G		11A	C8-B

Suitable to be used with combine with Rotary type Surface Grinding Machine, CNC 5 Axis Machining Center ... etc.

Features:

- 1~10 seconds control for power ON & OFF. No electric power supply required to keep the magnetic chuck ON, cable can be taken off for turning chuck freely while machining.
- Un-obstructed movement of cutters during machining, the really functions of 5 side machining on workholding.

Applications:

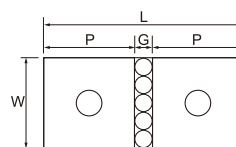
- EEPM-CIRSA: Suitable for thin & small workpiece.(Pole Size 35X35 mm, Magnetic Force 580 kgf/4 Poles).
- EEPM-CIRS: Suitable for thin & medium workpiece.(Pole Size 50X50 mm, Magnetic Force 1250 kgf/4 Poles).
- Minimum size of workpiece required as 4 alternate magnetic square poles and above contacts is necessary for optimum clamping.
- More functions for cooperate with Induction Block and Spring Block.
(See the detail of Option Accessories)

Option Accessories-Induction Block EEPM-IB Series

EEPM-IBA Suitable for use on EEPM-CIRSA Series Chucks.

Unit:mm

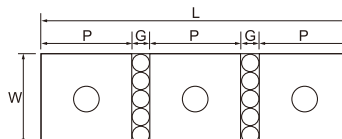
MODEL NO.	NO. OF POLE	W	L	HEIGHT	P	G
EEPM-IB215A	2	35	77	15	35	7
EEPM-IB315A	3	35	119	15	35	7



EEPM-IBB Suitable for use on EEPM-CIRSB Series Chucks.

Unit:mm

MODEL NO.	NO. OF POLE	W	L	HEIGHT	P	G
EEPM-IB225B	2	50	110	25	50	10
EEPM-IB325B	3	50	170	25	50	10



Relative magnetic force and EEPM-IB percentage table

MODEL NO.	Holding Power (Kgf)	MODEL NO.	Holding Power (Kgf)
EEPM-IB215A	80 %	EEPM-IB225B	82 %
EEPM-IB315A	64 %	EEPM-IB325B	68 %

Example:

EEPM chuck	Induction Block	Total Holding Power
EEPM-CIRS500B	None	10,000±5% kgf
EEPM-CIRS500B	IB225B x 32pcs	8200±5% kgf (10,000x82%)

Spring Block EEPM-SPR Series

Patent Protected violators will be prosecuted: Patented Taiwan M605141

Suitable for clamping on iron cast, irregular form and flexuous workpieces, it will not be out of shape the workpiece after machining.

Features:

- Suitable for clamping on iron cast, irregular form and flexuous workpieces, it will not be out of shape of the workpiece after machining.
- 3 Fixed Blocks is necessary for each workpiece clamping, it could be makes a basic surface for the workpiece touch to the Spring Blocks.



Fixed Block
EEPM-SPF Series



Spring Block
EEPM-SPR Series

Unit:mm

MODEL NO.	OD	H	SUITABLE
EEPM-SPR35	Ø37	21~25	EEPM-CIRSA Series
EEPM-SPRF35	Ø37	23	

Unit:mm

MODEL NO.	OD	H	SUITABLE
EEPM-SPR50	Ø52	30~35	EEPM-CIRSB Series
EEPM-SPRF50	Ø52	32.5	

Relative magnetic force to
Fixed block and Spring block:

	Spring Block
Holding Power (Kgf)	43%

Electro-Permanent Magnetic Chuck

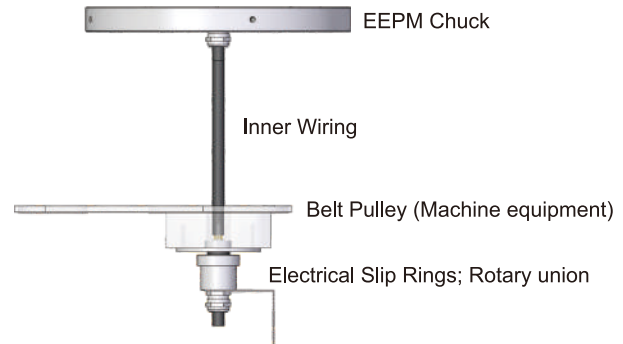
EEPM-CIRS Series

Suitable to be used with combine with Rotary type Surface Grinding Machine, CNC 5 Axis Machining Center ... etc.

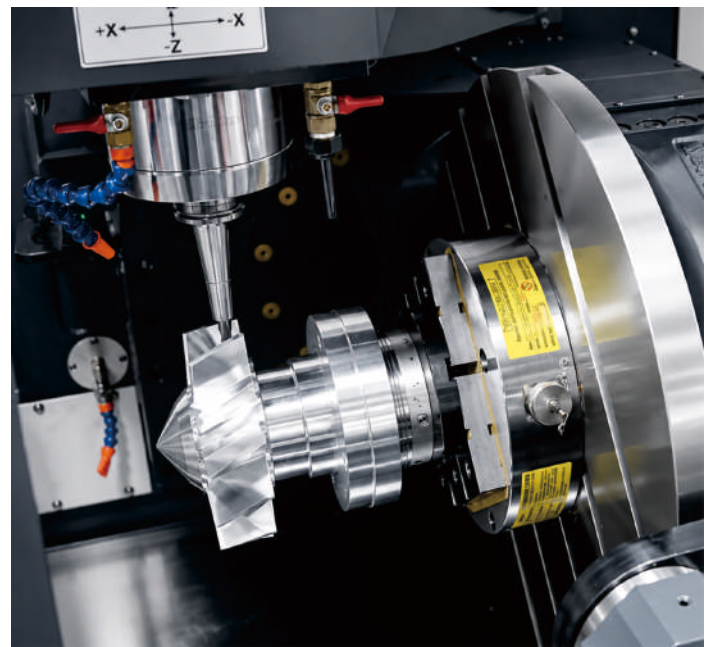
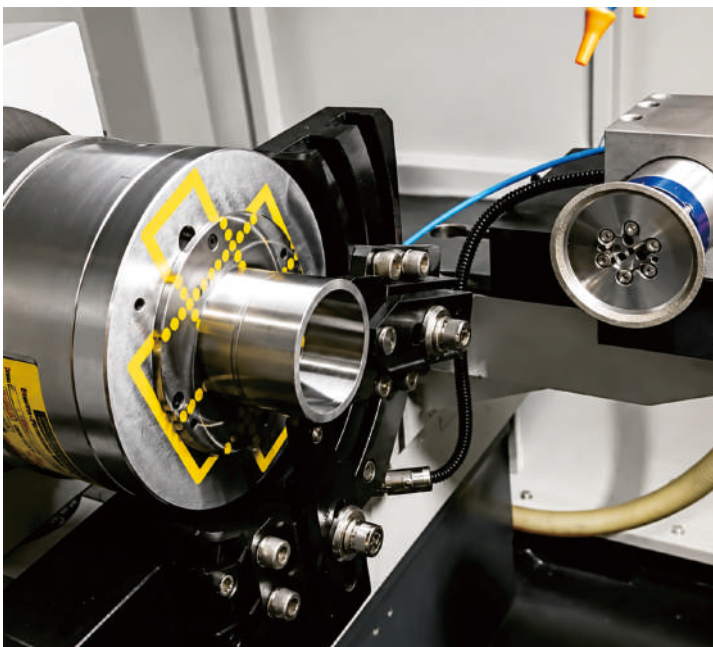
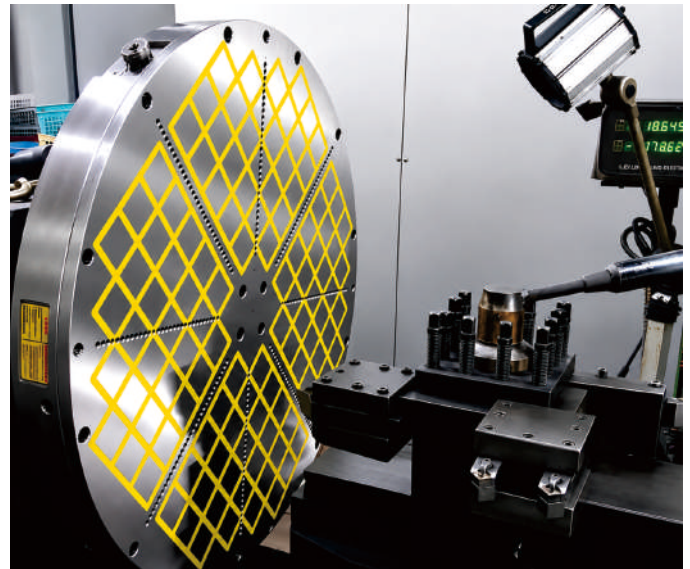
Electrical Slip Rings; Rotary union
(Need to buy by yourself)

Features:

For Magnetization/Demagnetization connection,
installed in the center of the rear of the EEPM
Chuck can be turning freely while machining.



Working Example



Electro-Permanent Magnetic Chuck

EEPM-CIRS Series

Suitable to be used with combine with Rotary type Surface Grinding Machine, CNC 5 Axis Machining Center ... etc.

Working Example

