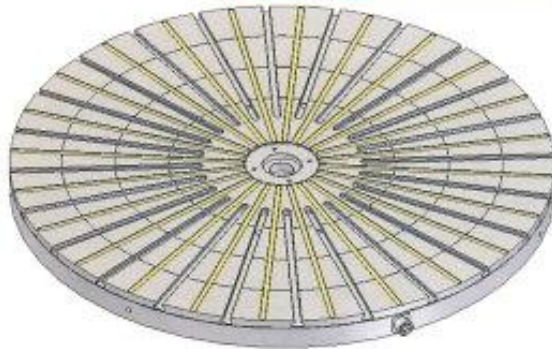


**Electro-Permanent Magnetic Chuck**

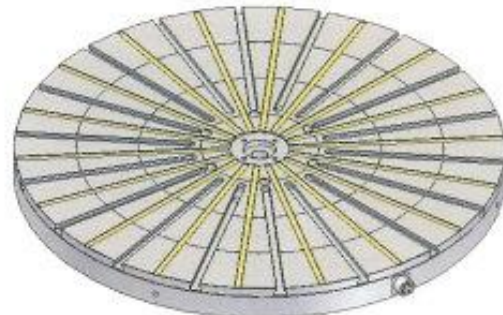
**EEPM-CIR Series**

Suitable in use for combine with CNC 5 Axis Index Device, CNC 5 Axis Machining Center, Vertical & Horizontal Lathe ...etc.

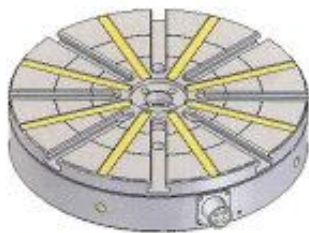


**EEPM-CIR1100**

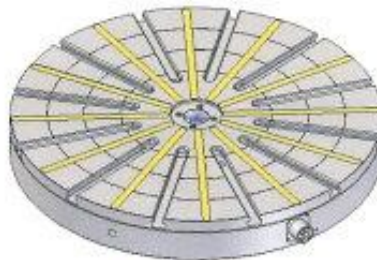
Made with T-slots available



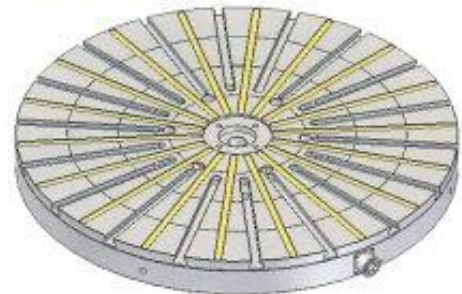
**EEPM-CIR900**



**EEPM-CIR300**



**EEPM-CIR500**



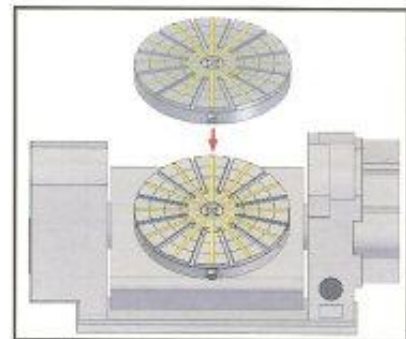
**EEPM-CIR700**

**Features:**

1. Round type and radiate magnetic poles, suitable for clamping round type and any form of workpiece machining.
2. Workpieces can be touch to all poles of Magnetic Chuck, super power magnetic force as minimum of 1000Kgf and maximum of 20,000Kgf, it depends on size of workpiece and magnetic chuck.
3. 3-10 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.
4. Un-obstructed movement of cutters during machining, the really functions of 5 side machining on workholding.

**Applications:**

1. Suitable in use for combine with CNC 5 Axis Index Device, CNC 5 Axis Machining Center, Vertical & Horizontal Lathe...etc.
2. Minimum thickness of workpiece required : 10 mm.
3. Minimum dimension of workpiece required as EEPM-CIR300-φ 100mm, EEPM-CIR500-φ 120mm, EEPM-CIR700 & EEPM-CIR900-φ 200mm, EEPM-CIR1100-φ 300mm and above, or same dimensions of any other forms of workpiece.
4. More functions for cooperate with induction plate, can deposition on workholding.



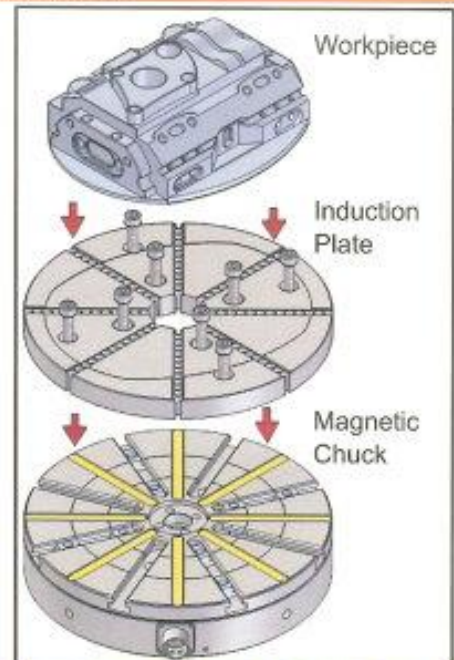
Unit:mm

MODEL NO.	DIMENSION		PITCH	NO.OF POLE	T-SLOT	MAGNETIC FORCE		N.W.	VOLTAGE	CURRENT AMP	CONTROLLER (included)	VOLTAGE	CURRENT AMP	CONTROLLER (included)
	DIAMETER	HEIGHT				MIN.	MAX.							
EEPM-CIR300	φ 310	84	10	8		1000kgf	2500kgf	30kg	AC 220V	8A	C1	AC 380V 440V	15A	C1
EEPM-CIR500	φ 500	86		12		1500kgf	5000kgf	82kg		22A	C1		10A	C1
EEPM-CIR700	φ 700	86		18		2000kgf	11000kgf	161kg		25A	C2		13A	C2
EEPM-CIR900	φ 900	70		18		2500kgf	16000kgf	282kg		25A	C4		13A	C4
EEPM-CIR1100	φ 1100	70		24		3000kgf	20000kgf	417kg		38A	C4		13A	C4

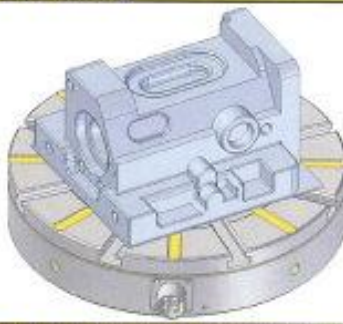
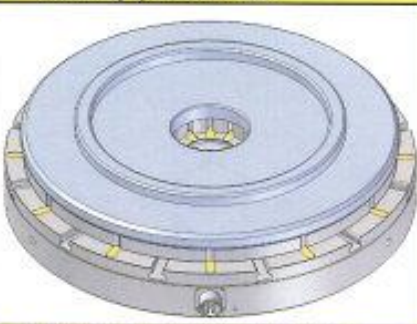
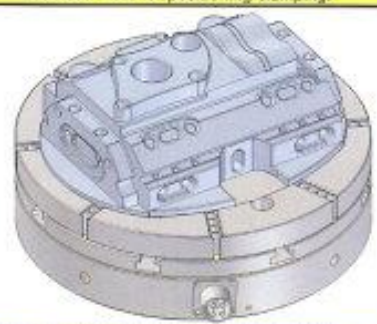
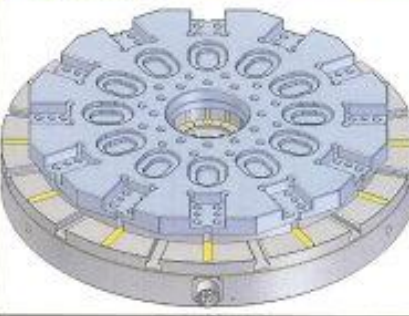


Custom-made is available.

**Functions and operations of "Induction Plate":**

1. Multi-functions of Induction Plate: Customer can be make Induction Plate themselves depends on the form of workpiece and applications needed.
2. Induction Plate is an interchanging accessories, can be use for more and more functions on workholding.
3. We will offer more informations, suggestions and drawing for customer make Induction Plate themselves.  
(Custom-made is available)
4. The material of Induction Plate required as general and lower carbon steel.  
*Note: The surface of Induction Plate combine to the chuck must be machining to be very flat and smooth for good induction.*
5. Operations: Fixed the Induction Plate to the chuck by T-slot and machining lips, trough or surface (depends on the workpiece needed) directly by the machine. then start to hold workpiece for machining.



**Working Example**

<p>1. Clamp the workpiece on the chuck directly for 5 side machining.</p>	<p>2. Round type workpiece for surface, ID and OD machining by Induction Plate.</p>	<p>3. Irregular form of workpiece machining by Induction Plate for positioning clamping.</p>
		
<p>4. Multi-angle workpiece for 5 side machining by Induction Plate.</p>	<p>5. Round type gear workpiece for complex machining by Induction Plate.</p>	<p>6. Round type spiral workpiece for complex machining by Induction Plate.</p>
		

**Option Accessories**

Standard Induction Plate available. Unit:mm

MODEL NO.	DIAMETER	THICKNESS
EEPM-CIR300IP	φ 310	20
EEPM-CIR500IP	φ 500	20
EEPM-CIR700IP	φ 700	25
EEPM-CIR900IP	φ 900	25
EEPM-CIR1100IP	φ 1100	25

