

EPRADIAL

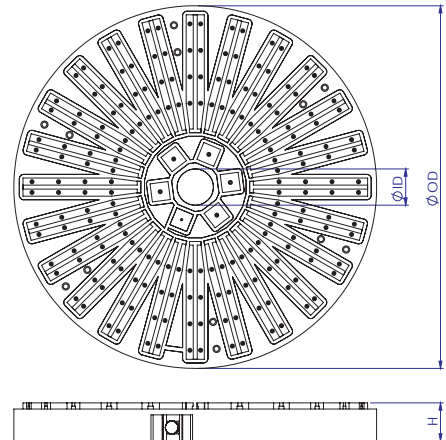
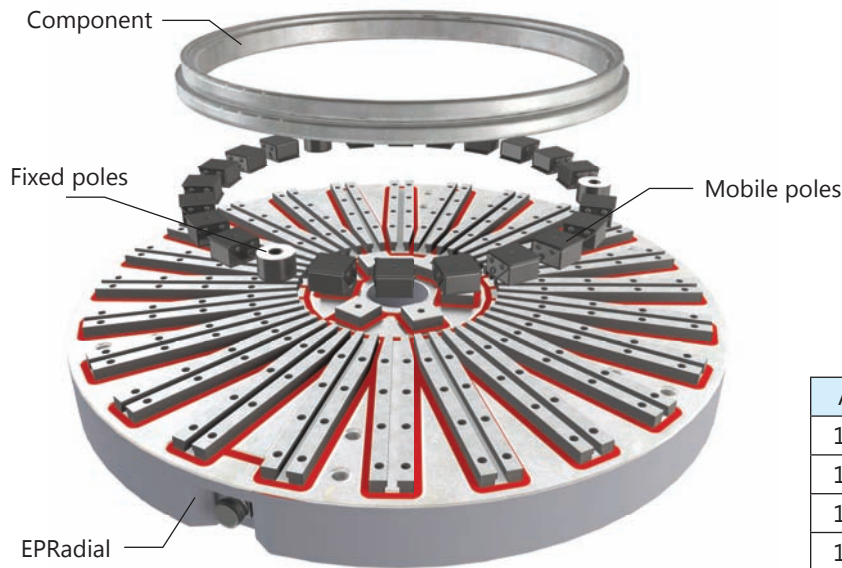
Features

- Most suitable for heavy machining in turning machines.
- Double Magnet circuit High power chucks.
- Static Design – No movable component – Robust.
- Extremely short set-up time due to simple and fast clamping of work piece.
- Magnetic power from all radial poles are transferred to components for rigid clamping.
- Clear cutting path on ID/OD and Face during machining.
- Custom designed pole extension can be adapted to magnets.
- High resistance to both axial and radial forces enabling application of heavy rate of material removal.
- Clamping of deformed or uneven components can be done with fixed & mobile pole extensions.
- Centre holes can be done/used for locating of work piece.
- Chucks available with T-Slotted pole extension.



Application

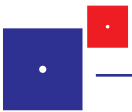
- Ideal for clamping ferromagnetic rings on vertical and horizontal turning machines.
- Radially movable location blocks help to position and secure work pieces. This is also necessary for clearance of the cutting tool or wheel.
- Mobile pole extension ensures perfect clamping of uneven work pieces and machining it flat and parallel.



Component	LABYRINTH RING
Input Condition	PRE-MACHINED
Material	MAGNETIC SS
Operation	ID/ OD and face turning
Customer Expectation	Concentricity and cycle time of machining

ART No.	OD	ID	H	Controller
13204.01	300	80	90	93102.01
13204.02	450	125		
13204.03	500	150		
13204.04	600	200		
13204.05	800	250		
13204.06	1000	250		
13204.07	1250	500		93102.02
13204.08	1500	500		
13204.09	1750	500		
13204.10	2000	500		

- Due to continuous upgradation in design there could be change in specification.
- Others sizes on request



EPRADIAL-P

Features

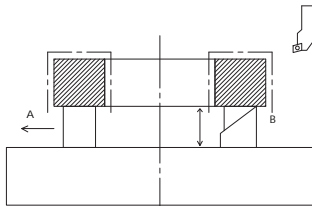
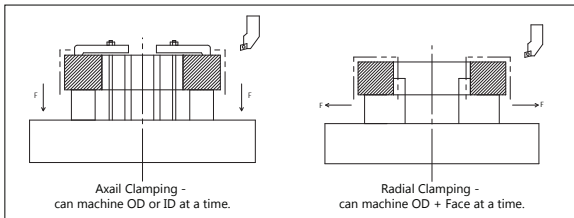
- Ease release of hardened jobs.
- Most suitable for VTL for precision machining.
- Single Magnet circuit with High magnetic power.
- All Metal Surface.
- Radial Pole configuration helps all under the job face for rigid uniform clamping.
- Magnetic Power from all poles transferred to ring/plates held in Centre.



- For power connection bayonet connector is recommended when the chuck is intended to be used in different machine and not permanently mounted on the machine.
- Alternatively slip rings assembly can fitted on the machine spindle for power supply, it is recommended when the chuck is for a specific machine.
- Ordering code is 13201.

Application

- Ideal for finish turning of Hardened components.
- Clamps ferromagnetic rings on vertical or horizontal turning lathes.
- Mobile pole extension ensures perfect clamping of uneven work pieces and machining it flat and parallel.



Fixed or Moving pole extension projects the job up from the holding face thus giving way for tool to pass through the ID/OD.

Component	Flange			
Input condition	PRE-MACHINED			
Material	Mild Steel			
operations	ID/ OD and face turning			
Customer expectation	Concentricity and cycle time of machining			
Solution details	Sl No.	ART No.	Description	QTY
	1	13204.04	EPRADIAL-P Dia 600mm	1
	2	30110.04	Radial Pole extension	2

