



# MAGNET CHUCK

Providing uniform clamping and minimizing deformation,  
our magnetic chucks deliver the accuracy and increased efficiency every  
milling machine needs.



## EP

Electro Permanent  
Magnetic Chuck  
(50x50mm Pole)

**244 P**



## FEC

Electro Magnetic  
Chuck (Fine Pitch  
Models)

**246 P**



## PEC

Premium Electro  
Magnetic Chuck  
(Fine Pitch Models)

**248 P**



## MSC

Permanent Magnetic  
Chuck

**250 P**



## MOC

Permanent Magnetic  
Chuck

**252 P**

# EP Electro Permanent Magnetic Chuck

Pole Size : 50X50mm



## Application / Benefits

Suitable 5-face machining

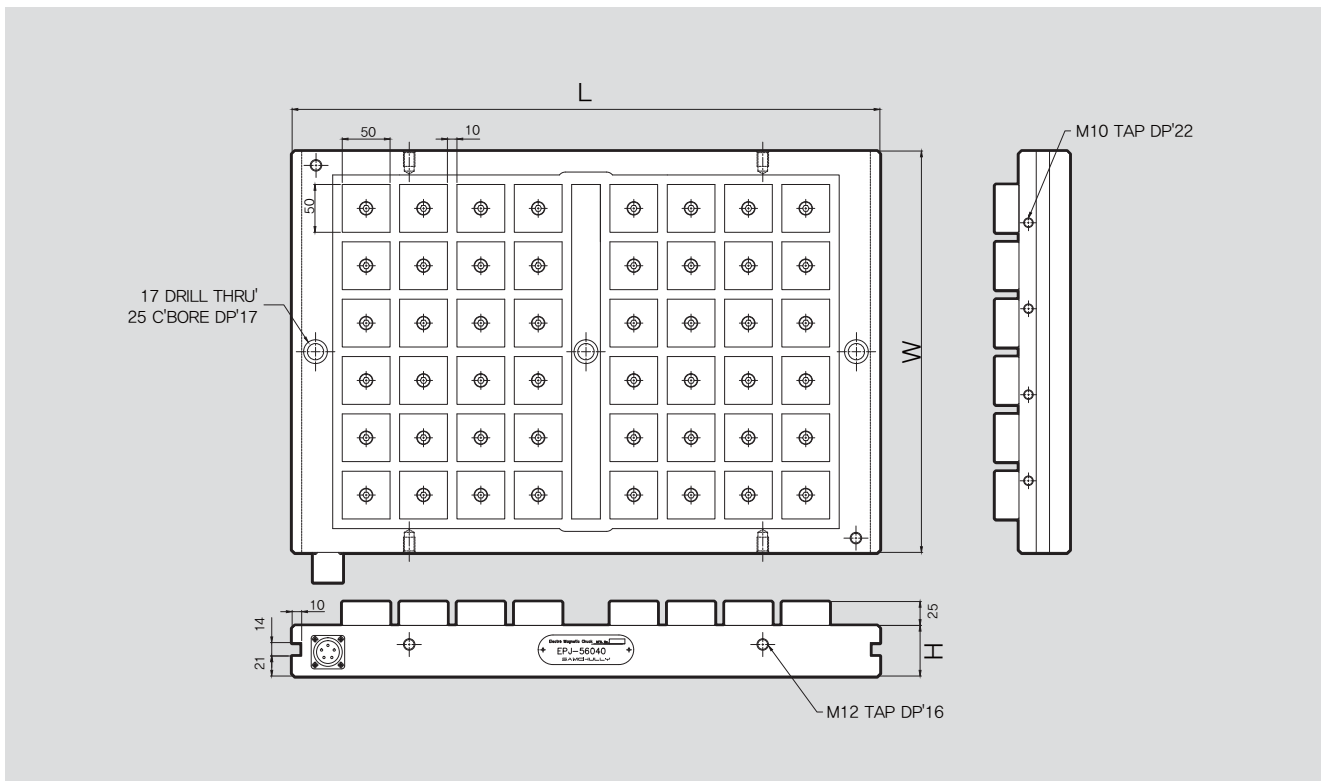
## Technical features

Strong magnetic clamping, Low heating  
Low residual magnetism

## Model No.

**EP-53025**

외곽 사이즈 / Body Size  
Pole 사이즈 / Pole Size



- ※ See the product dimension Table on the right.
- ※ Specifications are subject to change without notice.

## SPECIFICATIONS

	EP-53025	EP-55025	EP-56025	EP-57025	EP-59025*	EP-510025*
Pole Size [mm]	50 x 50	50 x 50	50 x 50	50 x 50	50 x 50	50 x 50
Total Length [mm]	240	240	240	240	240	240
Total Width [mm]	335	490	615	735	915	1035
Total Height [mm]	53	53	53	53	53	53
Number of Poles [ea]	12	18	24	30	36	42
Power Supply	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)
Weight [kg]	40	59	76	92	113	130

	EP-53030	EP-55030	EP-56030	EP-57030	EP-59030*	EP-510030*
Pole Size [mm]	50 x 50	50 x 50	50 x 50	50 x 50	50 x 50	50 x 50
Total Length [mm]	300	300	300	300	300	300
Total Width [mm]	335	490	615	735	915	1035
Total Height [mm]	53	53	53	53	53	53
Number of Poles [ea]	16	24	32	40	48	56
Power Supply	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)
Weight [kg]	47	70	89	104	130	147

	EP-53040	EP-55040	EP-56040	EP-57040	EP-59040*	EP-510040*
Pole Size	50 x 50	50 x 50	50 x 50	50 x 50	50 x 50	50 x 50
Total Length	420	420	420	420	420	420
Total Width	335	490	610	735	915	1035
Total Height	53	53	53	53	53	53
Number of Poles	24	36	48	60	72	84
Power Supply	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)
Weight	64	94	119	145	179	203

	EP-53050	EP-55050	EP-56050	EP-57050	EP-59050*	EP-510050*
Pole Size [mm]	50 x 50	50 x 50	50 x 50	50 x 50	50 x 50	50 x 50
Total Length [mm]	480	480	480	480	480	480
Total Width [mm]	335	490	615	735	915	1035
Total Height [mm]	53	53	53	53	53	53
Number of Poles [ea]	28	42	56	70	84	98
Power Supply	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)
Weight [kg]	74	107	136	164	204	230

	EP-53060	EP-55060	EP-56060	EP-57060	EP-590560*	EP-510060*
Pole Size [mm]	50 x 50	50 x 50	50 x 50	50 x 50	50 x 50	50 x 50
Total Length [mm]	600	600	600	600	600	600
Total Width [mm]	335	490	615	735	915	1035
Total Height [mm]	53	53	53	53	53	53
Number of Poles [ea]	36	54	72	90	108	126
Power Supply	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)
Weight [kg]	91	132	169	203	253	286

- ※ Controller Neocon-M is basic components for Standard model.
- ※ Available option : Neocon-M4(4Channel).
- ※ Controller Neocon-M4(4Channel) is basic components for [\*]mark model.

# FEC Electro Magnetic Chuck

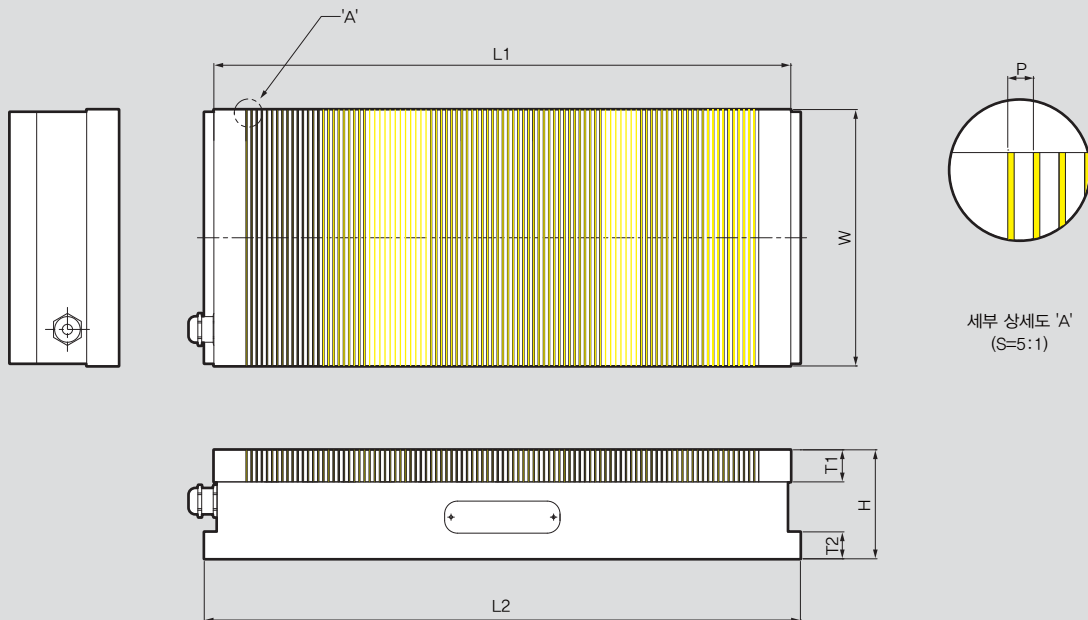


## Application / Benefits

Suitable for surface grinding (Mold / Die set / Steel part)  
 Improved accuracy, Easy to control the magnetic force for the shear materials and various processing steps.  
 Perfect surface treatment and waterproof durability

## Technical features

By applying multi-coil, forming a uniform magnetic force  
 Improved performance for Low residual magnetism



※ See the product dimension Table on the right.

## SPECIFICATIONS

	FEC-1530	FEC-1535	FEC-1540	FEC-2040	FEC-2045
Pole Pitch [mm]	1+3	1+3	1+3	1+3	1+3
Total Length(W) [mm]	150	150	150	200	200
Base Width(L2) [mm]	315	365	415	415	465
Base Height(T2) [mm]	21	21	21	21	21
Total Height(H) [mm]	85	85	85	85	85
Upper Width(L1) [mm]	300	350	400	400	450
Upper Height(T1) [mm]	25	25	25	25	25
Power Supply(V)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)
Output Voltage(V)	DC95	DC95	DC95	DC95	DC95
Weight [Kg]	25	28	32	42	47

	FEC-2050	FEC-2060	FEC-3050	FEC-3060
Pole Pitch [mm]	1+3	1+3	1+3	1+3
Total Length(W) [mm]	200	200	300	300
Base Width(L2) [mm]	515	615	515	615
Base Height(T2) [mm]	21	21	21	21
Total Height(H) [mm]	85	85	85	85
Upper Width(L1) [mm]	500	600	500	600
Upper Height(T1) [mm]	25	25	25	25
Power Supply(V)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)
Output Voltage(V)	DC95	DC95	DC95	DC95
Weight [Kg]	52	62	88	98

- ※ Controller "Neocon-E" is basic components.
- ※ Specifications are subject to change without notice.

# PEC Premium Electro Magnetic Chuck

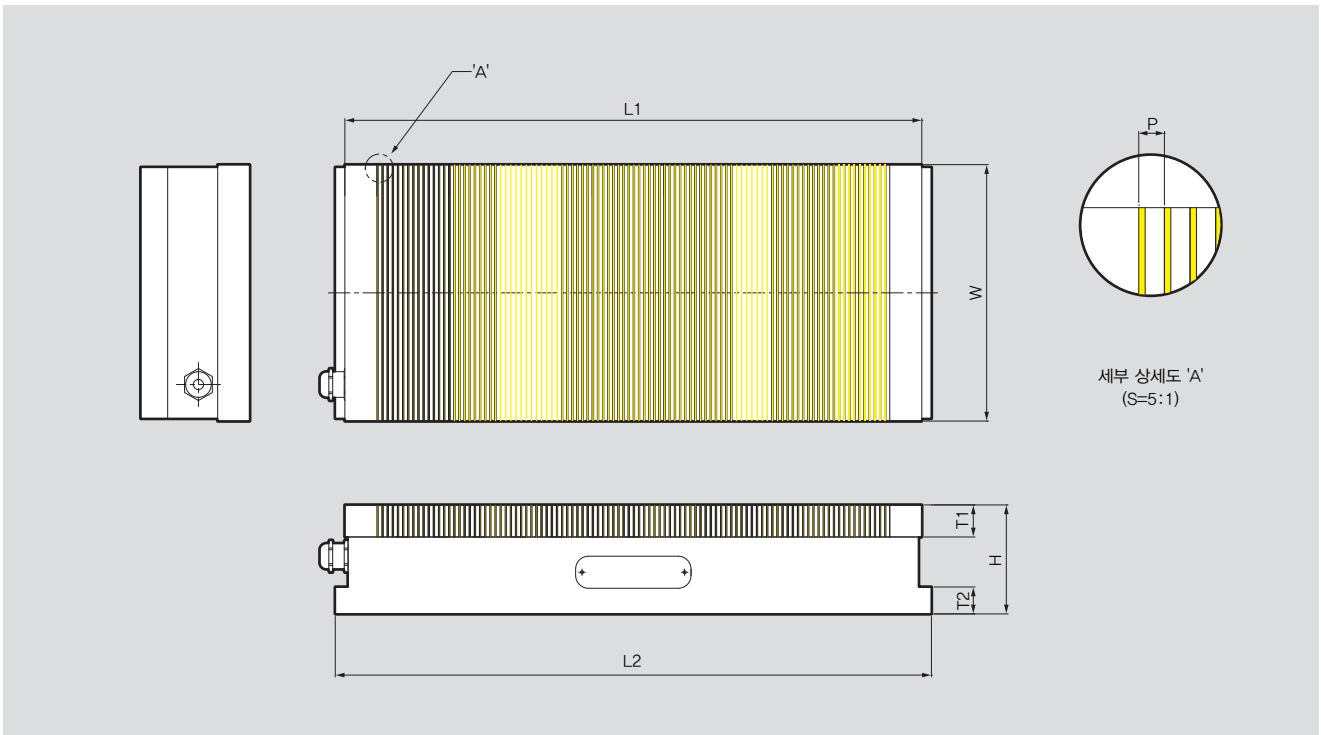


## Application / Benefits

Suitable for surface grinding (Mold/Die set/Steel part)  
 Save the loaded/unloaded time for workpiece  
 No heat generated  
 Perfect surface treatment and waterproof for durability

## Technical features

Uniform magnetic power by multi-coil  
 Improved performance for low residual magnetism  
 Build in magnet to prevent a power failure



※ See the product dimension Table on the right.

## SPECIFICATIONS

	PEC-1530	PEC-1535	PEC-1540	PEC-2040	PEC-2045
Pole Pitch [mm]	1+3	1+3	1+3	1+3	1+3
Total Length(W) [mm]	150	150	150	200	200
Base Width(L2) [mm]	315	365	415	415	465
Base Height(T2) [mm]	21	21	21	21	21
Total Height(H) [mm]	85	85	85	85	85
Upper Width(L1) [mm]	300	350	400	400	450
Upper Height(T1) [mm]	25	25	25	25	25
Power Supply (V)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)
Output Voltage (V)	DC95	DC95	DC95	DC95	DC95
Weight [kg]	25	28	32	42	47

	PEC-2050	PEC-2060	PEC-3050	PEC-3060
Pole Pitch [mm]	1+3	1+3	1+3	1+3
Total Length(W) [mm]	200	200	300	300
Base Width(L2) [mm]	515	615	515	615
Base Height(T2) [mm]	21	21	21	21
Total Height(H) [mm]	85	85	85	85
Upper Width(L1) [mm]	500	600	500	600
Upper Height(T1) [mm]	25	25	25	25
Power Supply (V)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)	AC 220V (단상)
Output Voltage (V)	DC95	DC95	DC95	DC95
Weight [kg]	52	62	88	98

- ※ Controller "Neocon-E" is basic components.
- ※ Specifications are subject to change without notice.



# MSC Permanent Magnetic Chuck

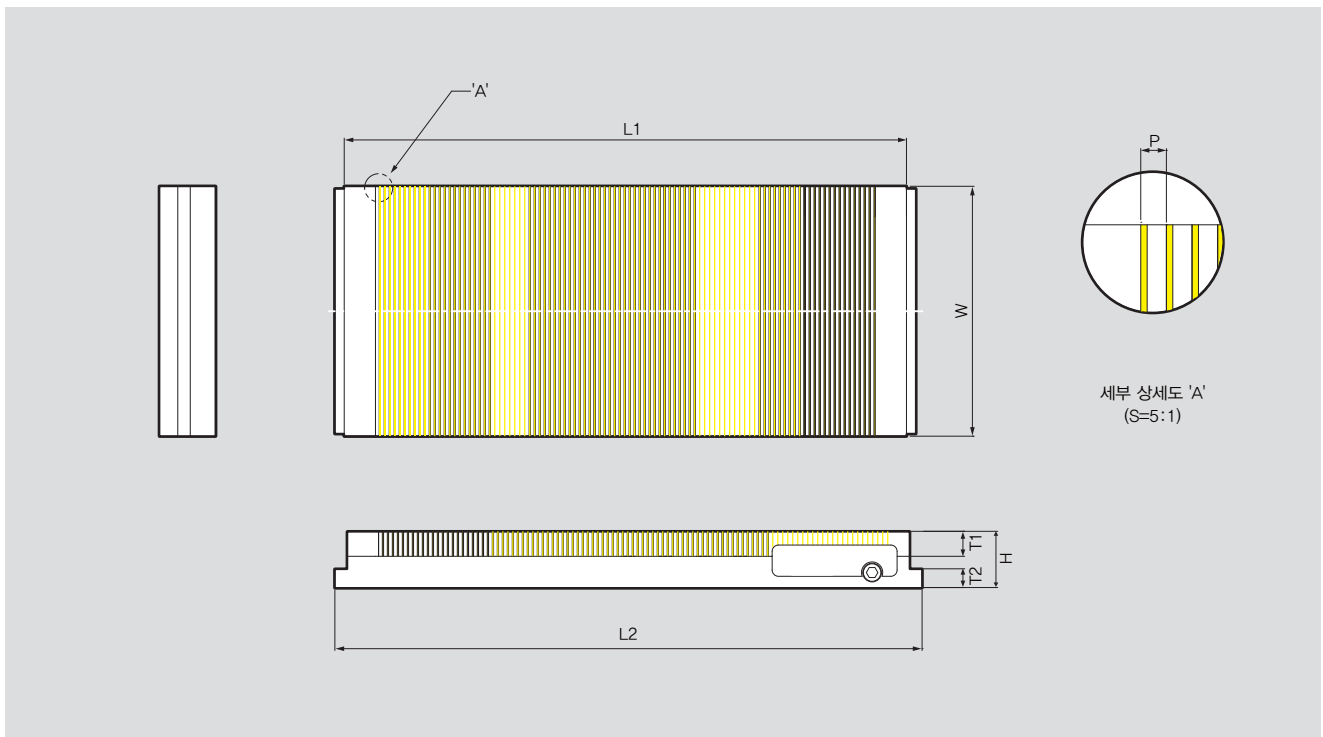


## Application / Benefits

- Unnecessary power source
- Uniform magnetic power by manual operation
- No heat generated
- Suitable for grinder, electric discharge machine

## Technical features

- Fine pitch grinding of small and thin workpieces



※ See the product dimension Table on the right.

## SPECIFICATIONS

	MSC-1018	MSC-1325	MSC-1530	MSC-1545	MSC-2040
Pole Pitch [mm]	1+3	1+3	1+3	1+3	1+3
Total Length(W) [mm]	105	130	150	150	200
Base Width(L2) [mm]	195	270	320	470	420
Base Height(T2) [mm]	21	21	21	21	21
Total Height(H) [mm]	45	45	45	45	45
Upper Width(L1) [mm]	175	250	300	450	400
Upper Height(T1) [mm]	25	25	25	25	25
Weight [kg]	7	12	17	25	30

	MSC-2050	MSC-2060	MSC-3050	MSC-3060
Pole Pitch [mm]	1+3	1+3	1+3	1+3
Total Length(W) [mm]	200	200	300	300
Base Width(L2) [mm]	520	620	520	620
Base Height(T2) [mm]	21	21	21	21
Total Height(H) [mm]	45	45	45	45
Upper Width(L1) [mm]	500	600	500	600
Upper Height(T1) [mm]	25	25	25	25
Weight [kg]	40	48	60	72

※ Specifications are subject to change without notice.

# MOC Permanent Magnetic Chuck

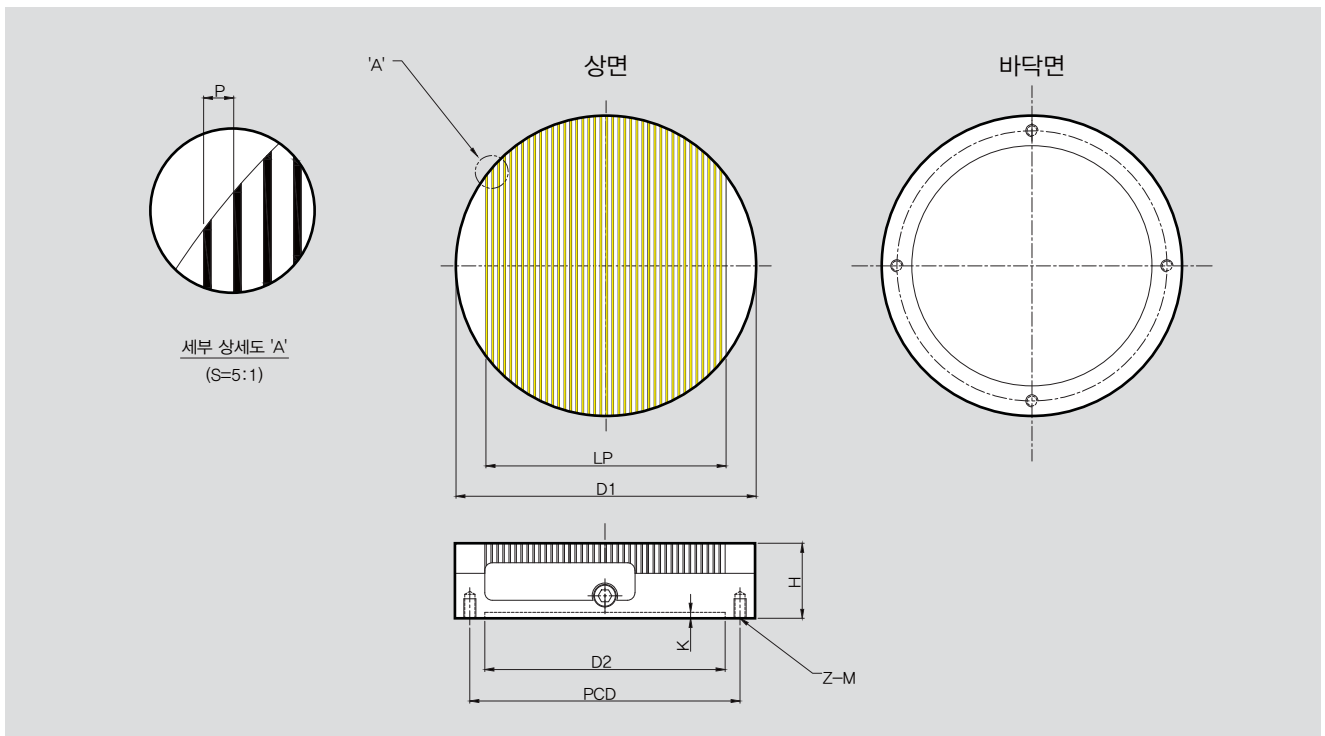


## Application / Benefits

- Unnecessary power source
- Uniform magnetic power by manual operation
- No heat generated
- Suitable for grinder, electric discharge machine

## Technical features

- Fine pitch grinding of small and thin workpieces



※ See the product dimension Table on the right.

## SPECIFICATIONS

	MOC-160	MOC-200	MOC-250	MOC-300
Pole Pitch [mm]	1+3	1+3	1+3	1+3
Total Length(D1) [mm]	160	200	250	300
Pole Pitch Width(LP) [mm]	120	160	210	260
Total Height(H) [mm]	50	50	50	50
Base Width(D2) [mm]	125	160	220	260
Base Height(K) [mm]	4	4	4	4
PCD [mm]	140	180	220	260
Z-M	4-M8	4-M8	4-M10	4-M10
Weight [kg]	8	12	20	32

※ Specifications are subject to change without notice.