

EPM-電永磁夾盤

ELECTRO PERMANENT MAGNETIC CHUCKS

(一) 電永磁夾盤的內部結構

- (1) 永久式磁石
- (2) 線圈
- (3) 導磁板

(二) 電永磁夾盤動作原理：

以線圈包圍永久磁石，線圈以瞬間激磁的方式，將磁石充磁，藉此達到吸磁或脫磁的目的。線圈將磁石磁化後透過導磁板在面板上形成NS極，故可使導磁性工件吸著。其作動均由電源供應控制器來操控。吸磁及脫磁的時間在一秒鐘以內完成。

(三) 電永磁夾盤的特性

- (1) 與永磁夾盤相同沒有內部溫升所造成的精度變化。適合高精度加工。
- (2) 以永久磁鐵產生的磁場，吸著工件，故作業中的停電困擾，不會發生，相對的安全性增加。
- (3) 以電控操作ON-OFF，增加方便性。
- (4) 沒有永磁體的傳動元件，故經久耐用。
- (5) 與電磁盤相同，可任意調整磁場大小。

ELECTRO PERMANENT MAGNETIC CHUCKS

(1) CONSTRUCTION : permanent magnet, coil and magnetism induced block.

(2) PRINCIPLE :

While an instantaneous DC current is applied to the electronic permanent chuck, the magnetic field is built up.

The magnetic field remains until countercurrent is active.

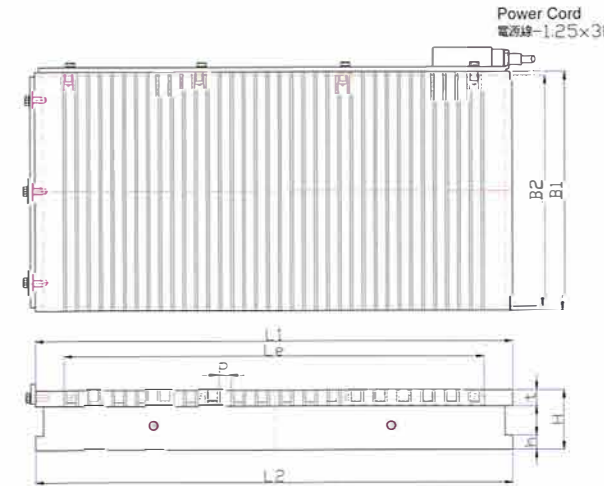
Magnetization and demagnetization could be operated by the controller in seconds.

(3) FEATURES :

- a). Accuracy remains due to being no heat generated by the electrical current. Suitable for high precision operation.
- b). Much safer due to build-up magnetic field is dependent on an instantaneous electrical power.
- c). More convenient due to magnetization and demagnetization are excited by the controller.
- d). More durable due to no moving parts deteriorate as it in permanent magnetic chucks.
- e). Same as electromagnetic chucks, the holding power is adjustable.

EPM-B 標準型電永磁夾盤

STANDARD TYPE ELECTRO-PERMANENT MAGNETIC CHUCK



用途：適用於平面磨床研磨作業

- 特性：
1. 面板以硬焊結合，精度保持穩定，磁場分布均勻，N/S極強度對稱，最適合用於成型研磨，精密研磨加工。
 2. 磁場強度可達1300高斯以上。
 3. 平均吸力12kgf/cm²以上。
 4. 防水效果最確實，保證不滲水，不漏電。

Application:
For grinding operation

- Features:**
1. The brazing top plate ensures steady accuracy, suitable for high precision operation.
 2. Magnetic density beyond 1300 gauss.
 3. Average magnetic force beyond 12kgf/cm².
 4. Excellent water resistant & high insulation resistance.

Unit:mm

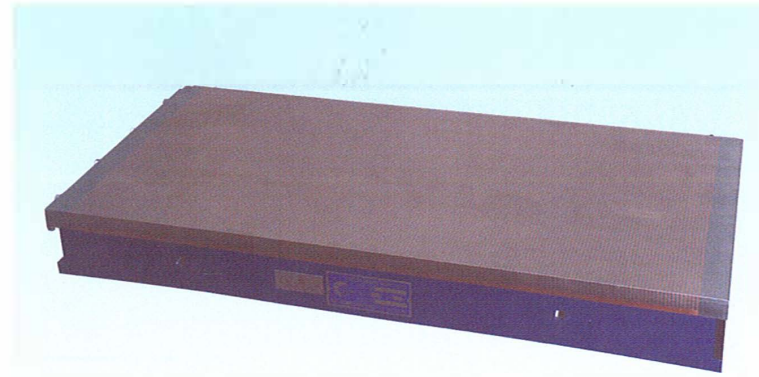
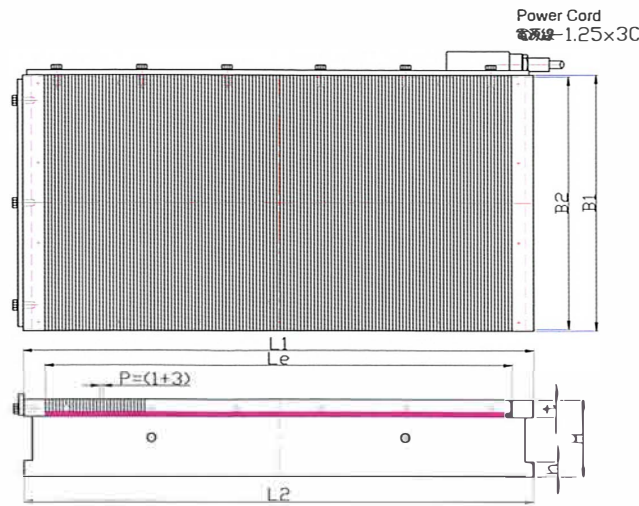
Model	Nomial Dimension	Top Plate				Pole Pitch P	Bottom Plate			Height H	Weight (Kg)	Controller							
		B1	L1	Le	t		B2	L2	h										
EPM- 1530B	150X 300	150	300	258	20	15 (3+12)	146	300	20	75	20	EPM-30S							
EPM- 1535B	150X 350		350	288				350			24								
EPM- 1540B	150X 400		400	348				400			28								
EPM- 1545B	150X 450		450	408				450			30								
EPM- 2040B	200X 400	200	400	348			25	19 (3+16)			196		400	95	38				
EPM- 2045B	200X 450		450	408									450		41				
EPM- 2050B	200X 500		500	438									500		45				
EPM- 2550B	250X 500		250	500									438		65				
EPM- 3060B	300X 600	300	600	528							25		19 (3+16)		290	600	95	81	EPM-30S
EPM- 4080B	400X 800		800	744												800		195	
EPM- 40100B	400X1000		1000	934	1000	245													
EPM- 50100B	500X1000		500	1000	934	305													
EPM- 50150B	500X1500	500	1500	1428	25	19 (3+16)			490	1500		95			457	EPM-30S			
EPM- 60100B	600X1000		600	1000						934					366				
EPM- 60150B	600X1500		600	1500			1428	550											
EPM- 60150B	600X1500		600	1500			1428	550											

*本規格外之尺寸，歡迎訂製。

*Other specifications can be custom-made upon request.

EPM-W 細目型電永磁夾盤

MICROPITCH ELECTRO-PERMANENT MAGNETIC CHUCK



用途：適用於長條狀之薄工件研削及輕切削加工，磨床研削作業，高精度成型加工作業。

- 特性：
1. 面板以硬焊結合，精度保持穩定。
 2. 磁場強度可達2000高斯以上。
 3. 防水效果最確實，保證不滲水，不漏電。
 4. 平均吸力12kgf/cm²以上。

Application:
Suitable for grinding and light cutting for thin work pieces with one long dimension. Designed for high precision operation.

- Features:**
1. The brazing top plate ensures steady accuracy.
 2. Magnetic density beyond 2000 gauss.
 3. Excellent water resistant & high insulation resistance.
 4. Average magnetic force beyond 12kgf/cm².

Unit:mm

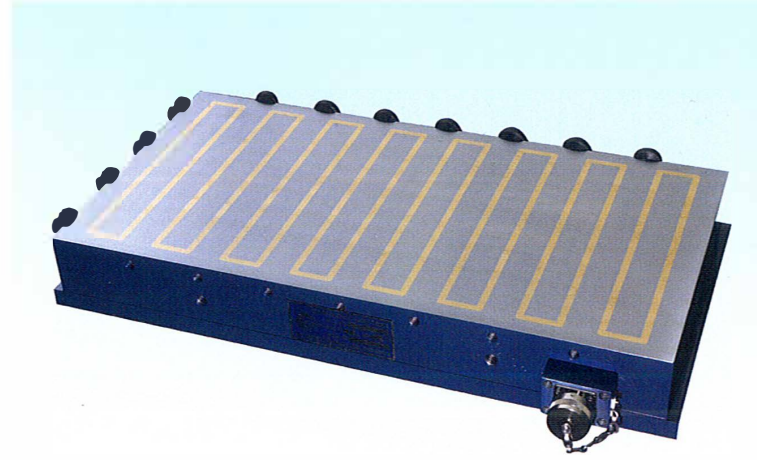
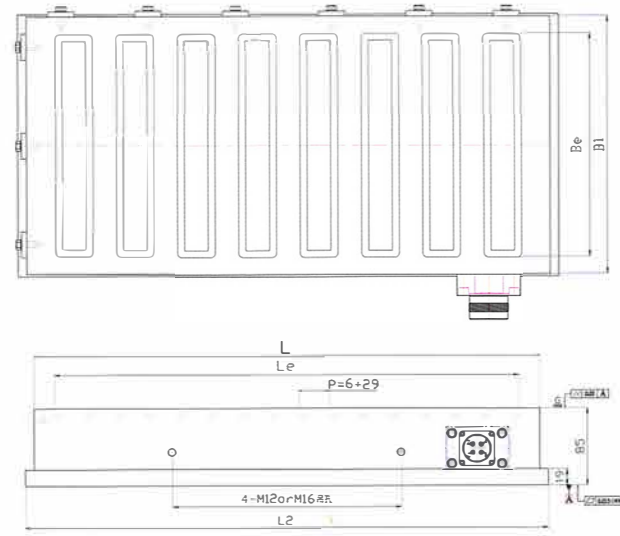
Model	Nominal Dimension	Top Plate				Pole Pitch P	Bottom Plate			Height H	Weight (Kg)	Controller	
		B1	L1	Le	t		B2	L2	h				
EPM- 1530W	150X 300	150	300	260	20	4 (1+3)	146	300	20	90	30	EPM-30S	
EPM- 1535W	150X 350		350	310				350			35		
EPM- 1540W	150X 400		400	360				400			40		
EPM- 1545W	150X 450		450	410				450			45		
EPM- 2040W	200X 400	200	400	360	20		196	400	20	90	54		EPM-30S
EPM- 2045W	200X 450		450	410				450			60		
EPM- 2050W	200X 500		500	460				500			67		
EPM- 2550W	250X 500	250	500	460	25		246	500	20	95	84		EPM-30S
EPM- 3060W	300X 600	300	600	560				120					
EPM- 4080W	400X 800	400	800	760				215					
EPM- 40100W	400X1000		1000	960	270								
EPM- 50100W	500X1000	500	1000	960	95		490	1000	20	95	335		EPM-30S
EPM- 50150W	500X1500		1500	1460		500							
EPM- 60100W	600X1000	600	1000	960	95	590	1000	20	95	400	EPM-30S		
EPM- 60150W	600X1500		1500	1460			600						

*本規格外之尺寸，歡迎訂製。

* Other specifications can be custom-made upon request.

EPM-Z 超強力電永磁夾盤

SUPER POWERFUL ELECTRO-PERMANENT MAGNETIC CHUCK



用途：CNC 切削中心機，銑床，龍門銑床，電腦銑床等切削作業。

- 特性：
1. 磁場強度可達4000高斯。
 2. 最適用於高精密模具，長時間加工，切削作業。
 3. 輕量化設計，大幅降低機械磨耗。
 4. 防水效果最確實，保證不滲水，不漏電。
 5. 平均吸磁力18kgf/cm²以上。

Application:
Suitable for heavy duty, CNC machining center, milling machine, milling planer, CNC milling machine.

- Features:**
1. Magnetic density up to 4000 gauss.
 2. Suitable for high precision, long time using and heavy duty.
 3. Light weight design, it could greatly reduce mechanical wear.
 4. Excellent water resistant & high insulation resistance.
 5. Average magnetic force beyond 18kgf/cm².

Unit:mm

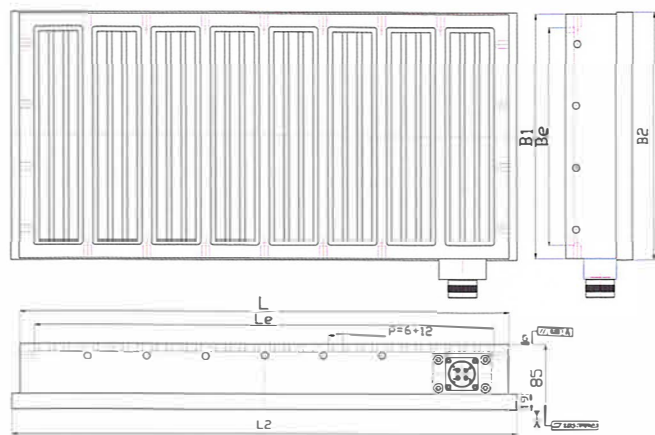
Model	Nominal Dimension	Top Plate				Top Plate P	Bottom Plate		Weight (kg)	Controller
		B1	Be	L1	Le		B2	L2		
EPM- 2050Z	200X 520	200	164	520	486	35 (6+29)	204	540	62	EPM-30S
EPM- 2550Z	250X 520	250	214	520	486		254	540	78	
EPM- 3060Z	300X 600	300	260	600	571		304	620	108	
EPM- 4040Z	400X 400	400	360	400	352		404	420	96	
EPM- 4050Z	400X 520			520	486			540	120	
EPM- 4080Z	400X 810			810	770			830	192	
EPM-40100Z	400X1000			1000	948			1020	240	
EPM-40120Z	400X1200			1200	1155			1220	288	
EPM- 5050Z	500X 520			500	460			520	486	
EPM-50100Z	500X1000	1000	948	1020	300					
EPM-50120Z	500X1200	1200	1155	1220	360					
EPM-50150Z	500X1500	1500	1447	1520	450					
EPM- 6060Z	600X 600	600	560	600	571	604	620	216		
EPM-60100Z	600X1000	1000	948	1020	360					
EPM-60120Z	600X1200	1200	1155	1220	432					
EPM-60150Z	600X1500	1500	1447	1520	540					
EPM-80100Z	800X1000	800	760	1000	948		804	1020	480	
EPM-80150Z	800X1500	1500	1447	1520	720					
EPM-100100Z	1000X1000	1000	960	1000	948	1004		1020	600	
EPM-100150Z	1000X1500	1500	1447	1520	900					
EPM-100200Z	1000X2000	1000	960	2000	1948		2020	1200		

*本規格外之尺寸，歡迎訂製

* Other specifications can be custom-made upon request.

EPM-ZW 細目超強力電永磁夾盤

SUPER POWERFUL MICROPITCH
ELECTRO-PERMANENT MAGNETIC CHUCK



用途：CNC切削中心機，銑床，龍門銑床，電腦銑床等切削作業。

- 特性：
1. 本體與面板一體成型加工完成。
 2. 最適用於高精密模具，長時間加工，切削作業。
 3. 輕量化設計，大幅降低機械磨耗。
 4. 針對薄板加工，15~30mm之間，有效抑制磁幅高度。
 5. 磁場強度可達3000高斯以上。
 6. 防水效果最確實，保證不漏水，不漏電。
 7. 平均吸磁力18kgf/cm²以上。

Application:
Suitable for heavy duty, CNC machining center, milling machine, milling planer, CNC milling machine.

- Features:**
1. Monocoque of bottom and top plate.
 2. Suitable for high precision, long time using and heavy duty.
 3. Light weight design, it could greatly reduce mechanical wear.
 4. Suitable for thin workpieces around 15~30mm in height.
 5. Average magnetic density beyond 3000 gauss.
 6. Excellent water resistant & high insulation resistance.
 7. Average magnetic force beyond 18kgf/cm².

Unit:mm

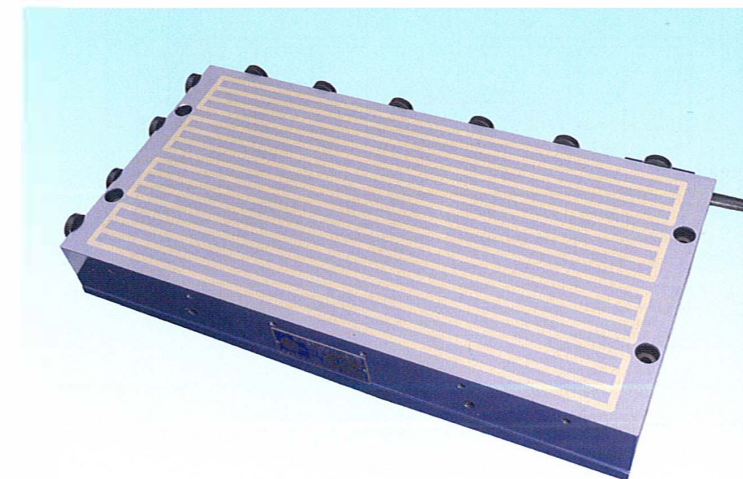
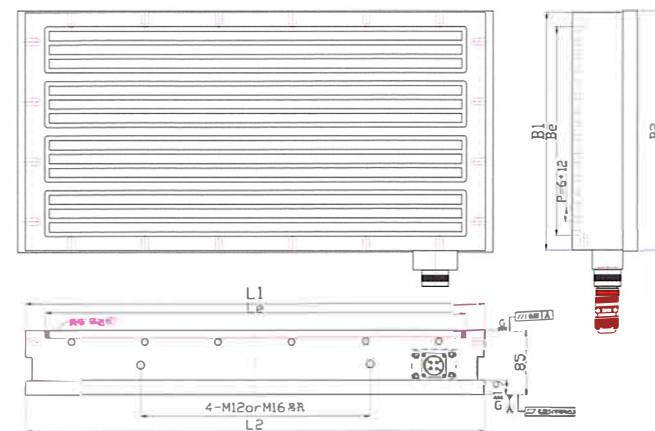
Model	Nominal Dimension	Top Plate				Top Plate P	Bottom Plate		Weight (kg)	Controller	
		B1	Be	L1	Le		B2	L2			
EPM- 2050ZW	200X 520	200	168	520	486	18 (6+12)	204	540	62	EPM-30S	
EPM- 2550ZW	250X 520	250	218				254		78		
EPM- 3060ZW	300X 600	300	268	600	571		304	620	108		
EPM- 4040ZW	400X 400			400	352		404	420	96		
EPM- 4050ZW	400X 520			520	486			540	120		
EPM- 4080ZW	400X 810	400	368	810	760			820	192		
EPM-40100ZW	400X1000			1000	948			1020	240		
EPM-40120ZW	400X1200			1200	1155			1220	288		
EPM- 5050ZW	500X 520			520	486			504	540		150
EPM-50100ZW	500X1000			1000	948		1020		300		
EPM-50120ZW	500X1200	500	468	1200	1155		1220		360		
EPM-50150ZW	500X1500			1500	1447		1520		450		
EPM- 6060ZW	600X 600			600	571		604		620		216
EPM-60100ZW	600X1000			1000	948				1020		360
EPM-60120ZW	600X1200	600	568	1200	1155			1220	432		
EPM-60150ZW	600X1500			1500	1447			1520	540		
EPM-80100ZW	800X1000			1000	948			804	1020		480
EPM-80150ZW	800X1500	800	768	1500	1447				1520		720
EPM-100100ZW	1000X1000			1000	948	1004	1020		600		
EPM-100150ZW	1000X1500	1000	968	1500	1447		1520	900			
EPM-100200ZW	1000X2000			2000	1948		2020	1200			

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* Other specifications can be custom-made upon request.

EPM-ZWL 橫向超強力電永磁夾盤

SUPER POWERFUL FULL-LENGTH BAR POLE
ELECTRO-PERMANENT MAGNETIC CHUCK



用途：CNC切削中心機，銑床，龍門銑床，電腦銑床等切削作業。

- 特性：
1. 本體與面板一體成型加工完成。
 2. 最適用於高精密模具，長時間加工，切削作業。
 3. 輕量化設計，大幅降低機械磨耗。
 4. 針對薄板加工，15~30mm之間，有效抑制磁幅高度。
 5. 磁場強度平均可達3000高斯以上。
 6. 防水效果最確實，保證不漏水，不漏電。
 7. 平均吸磁力18kgf/cm²以上。

Application:
Suitable for heavy duty, CNC machining center, milling machine, milling planer, CNC milling machine.

- Features:**
1. Monocoque of bottom and top plate.
 2. Suitable for high precision, long time using and heavy duty.
 3. Light weight design, it could greatly reduce mechanical wear.
 4. Suitable for thin workpieces around 15~30mm in height.
 5. Average magnetic density beyond 3000 gauss.
 6. Excellent water resistant & high insulation resistance.
 7. Average magnetic force beyond 18kgf/cm².

Unit:mm

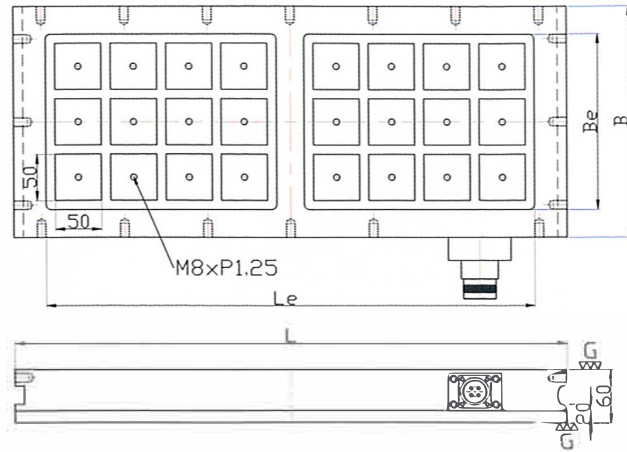
Model	Nominal Dimension	Top Plate				Top Plate P	Bottom Plate		Weight (kg)	Controller	
		B1	Be	L1	Le		B2	L2			
EPM- 2550ZWL	250X 500	250	210	500	450	18 (6+12)	254	500	79	EPM-30S	
EPM- 3060ZWL	310X 600	310	273	600	550		314	600	114		
EPM- 4040ZWL	400X 400			400	350		404	400	102		
EPM- 4050ZWL	400X 500			500	450			500	127		
EPM- 4080ZWL	400X 800	400	360	800	750			800	204		
EPM-40100ZWL	400X1000			1000	950			1000	255		
EPM-40120ZWL	400X1200			1200	1150			1200	306		
EPM- 5050ZWL	520X 500			500	450			524	500		165
EPM-50100ZWL	520X1000			1000	950		1000		331		
EPM-50120ZWL	520X1200	520	486	1200	1150		1200		397		
EPM-50150ZWL	520X1500			1500	1450		1500		497		
EPM- 6060ZWL	600X 600			600	550		604		600		229
EPM-60100ZWL	600X1000			1000	950				1000		382
EPM-60120ZWL	600X1200	600	557	1200	1150			1200	459		
EPM-60150ZWL	600X1500			1500	1450			1500	573		

*本規格外之尺寸，歡迎訂製

* Other specifications can be custom-made upon request.

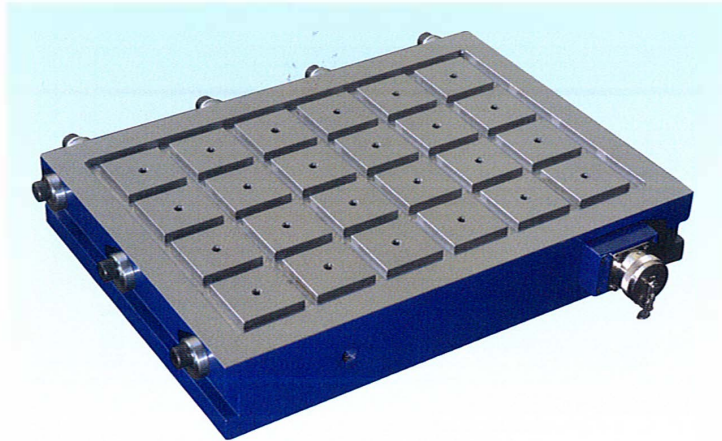
EPM-QZ 方陣列電永磁夾盤

SQUARE POLE ELECTRO-PERMANENT MAGNETIC CHUCK



用途：適用於CNC切削中心機、銑床、龍門銑床、電腦銑床等切削作業。

- 特性：
- 1.本體與面板一體成型加工完成，超薄設計。
 - 2.以電控操作，快速充脫磁場變換。
 - 3.以永久磁鐵吸著工件，沒有停電的危險性。
 - 4.吸磁作業面，螺絲孔可應用於模具及固定方式的變化。
 - 5.可配合彈性導磁塊，針對變形平面，作平面加工，大量節省調整時間，提高工作效率。
 - 6.結構剛性佳，配合精度穩定，適合高精度加工作業。
 - 7.與強力型電磁鐵比較，大幅度節省電力消耗。
 - 8.防水效果最確實，保證不滲水不漏電。
 - 9.平均吸磁力18 kgf/cm²以上。



Application: Suitable for CNC machining center, milling machine, milling planer, CNC milling machine...etc.

- Features:
- 1.Monocoque of bottom and top plate, ultra-thin design.
 - 2.Magnetize and demagnetize quickly through controller.
 - 3.Workpieces clamped by permanent magnets, no danger issue caused from power failures.
 - 4.Mould and fixed pole extensions could be fixed on magnetic clamping surface by threaded holes.
 - 5.For plane machining on workpiece with different heights, able to work with mobile pole extensions for quick positioning and greater efficiency.
 - 6.Excellent rigidity on structure, accuracy stable, and suitable for high precision processing.
 - 7.Compared with electromagnet chuck, it saves power efficiently.
 - 8.Excellent water resistant & high insulation resistance.
 - 9.Average magnetic force beyond 18 kgf/cm².

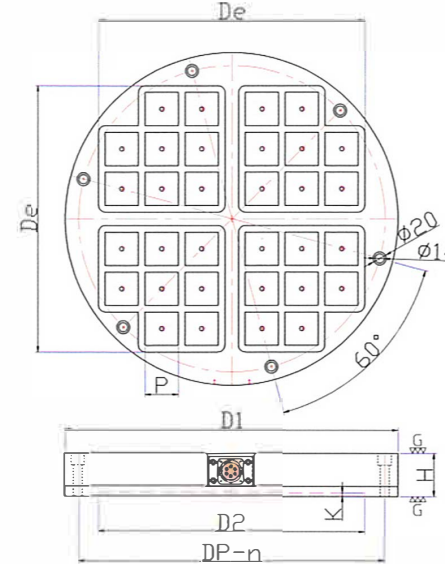
Unit:mm

Model	Nominal Dimension	Top Plate					Weight (Kg)	Controller	
		B	L	Be	Le	Pole No.			
EPM-2050QZ	200 X 500	200	500	130	130	410	14	36	EPM-30S
EPM-2060QZ	200 X 600		600			16	44		
EPM-2080QZ	200 X 810		810			24	59		
EPM-20100QZ	200 X1000		1000			28	72		
EPM-2525QZ	250 X 250	250	250	190	190	190	9	24	
EPM-2040QZ	200 X 400		420			18	38		
EPM-2550QZ	250 X 500		500			21	45		
EPM-2560QZ	250 X 600		600			24	54		
EPM-2580QZ	250 X 810	810	36	73					
EPM-25100QZ	250 X1000	1000	42	90					
EPM-3030QZ	300 X 300	300	300	250	250	250	16	33	
EPM-3040QZ	300 X 420		420			24	46		
EPM-3050QZ	300 X 500		500			28	54		
EPM-3060QZ	300 X 600		600			32	65		
EPM-3080QZ	300 X 810	810	48	88					
EPM-30100QZ	300 X1000	1000	56	108					
EPM-4040QZ	420 X 420	420	420	370	370	370	36	62	
EPM-4050QZ	420 X 500		500			42	74		
EPM-4060QZ	420 X 600		600			48	88		
EPM-4080QZ	420 X 810		810			72	119		
EPM-40100QZ	420 X1000	1000	84	147					
EPM-5050QZ	500 X 500	500	500	430	430	410	42	84	
EPM-5060QZ	500 X 600		600			56	101		
EPM-5080QZ	500 X 810		810			84	136		
EPM-50100QZ	500 X1000		1000			98	168		
EPM-6060QZ	600 X 600	600	600	530	530	530	64	121	
EPM-6080QZ	600 X 810		810			96	164		
EPM-60100QZ	600 X1000		1000			112	202		
EPM-60120QZ	600 X1200		1190			136	240		
EPM-8080QZ	750 X 750	750	750	690	690	690	100	190	
EPM-80100QZ	750 X1000		1000			140	252		

*規格外尺寸，可依需求，針對外形、厚度增高或其他特殊形狀，可接受訂製。
*Other specifications could be custom-made upon requests of special shape or thickness.

EPMR-QZ 圓形方陣列電永磁夾盤

ROUND TYPE SQUARE POLE ELECTRO-PERMANENT MAGNETIC CHUCK



用途：適用於車床，直立式車床，旋轉磨床等工作母機研削及車削加工作業。

- 特性：
- 1.本體與面板一體成型加工完成，超薄設計。
 - 2.以電控操作，快速充脫磁場變換。
 - 3.吸力超強針對厚的工件能有效吸著。
 - 4.磁場強度可達3000高斯以上
 - 5.平均吸磁力18 kgf/cm²以上。
 - 6.防水效果最確實，保證不滲水不漏電。

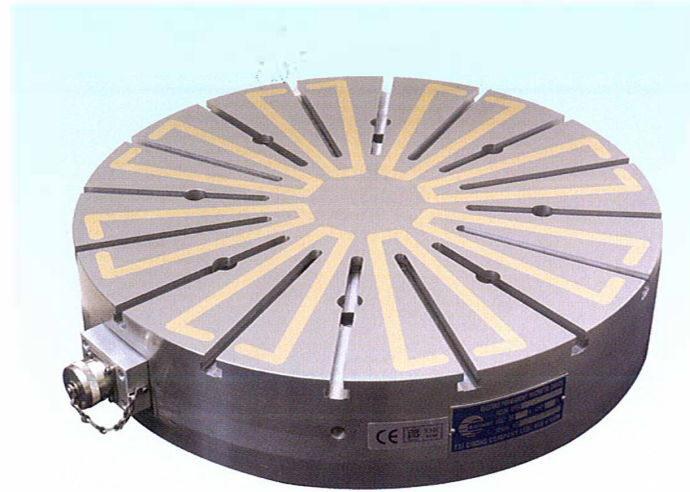
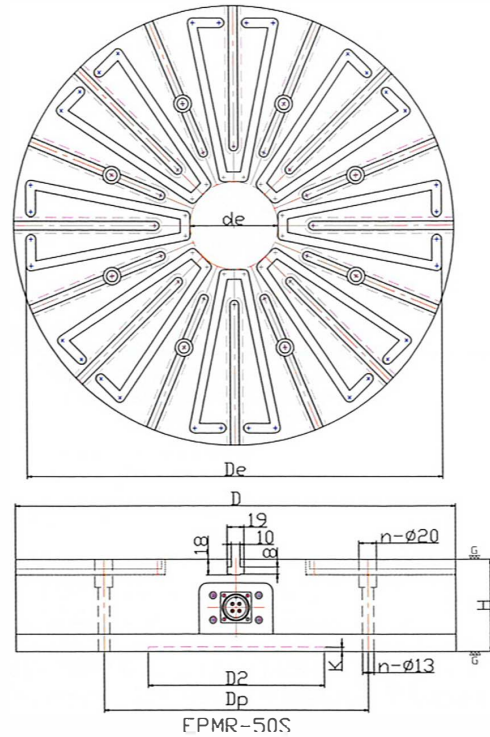
Unit:mm

Model	Nominal Dimension	Top Plate			NO.of poles	Bottom Plate				Height H	Weight (kg)	Controller
		D1	De	P		D2	K	n	Dp			
EPMR-20QZ	Ø210	Ø210	190		5	Ø160		2	Ø180	65	15	EMP-30S
EPMR-30QZ	Ø320	Ø320	190X250		12	Ø250		6	Ø280		33	
EPMR-40QZ	Ø400	Ø400	310X370		22	Ø300		6	Ø360		49	
EPMR-50QZ	Ø500	Ø500	400X400		32	Ø400		6	Ø460		77	
EPMR-60QZ	Ø600	Ø600	515X515	50X50	52	Ø500	5	6	Ø570		110	
EPMR-70QZ	Ø700	Ø700	635X635		76	Ø600		6	Ø660		150	
EPMR-80QZ	Ø820	Ø820	765X765		96	Ø700		6	Ø780		206	
EPMR-100QZ	Ø1000	Ø1000	925X925		148	Ø900		12	Ø960		306	
EPMR-120QZ	Ø1200	Ø1200	1075X1075		208	Ø1000		12	Ø1140		445	

*規格外尺寸，可依需求，針對外形、厚度增高或其他特殊形狀，可接受訂製。
*Other specifications could be custom-made upon requests of special shape or thickness.

EPMR-ST 圓形星目電永磁夾盤

ROUND STAR-POLE ELECTRO-PERMANENT MAGNETIC CHUCK



用途：適用於車床、直立式車床、旋轉磨床等工作母機研削及車削加工作業，高精度，多功能機種。

- 特性：
1. 吸力超強，針對厚的工件，能有效吸著。
 2. 磁場強度可達3000高斯以上。
 3. 面板附有T型溝，針對不同加工型態可配合模具及固定方式做多樣性的變化。
 4. 防水效果最確實，保證不滲水不漏電。
 5. 平均吸磁力18 kgf/cm²以上。

Application:
Suitable for heavy duty milling and grinding on lathe, vertical lathe, rotary grinding machine...etc.

- Features:**
1. Super powerful magnetic force, suitable for thick workpieces.
 2. Magnetic density beyond 3000 gauss.
 3. Top plate with T slot is able to work with mould and various workpieces.
 4. Excellent water resistant and high insulation resistance.
 5. Average magnetic force beyond 18 kgf/cm².

Unit:mm

Model	Nominal Dimension	Top Plate			Pole No.	Bottom Plate				Height H	Weight (Kg)	Controller
		D	De	de		D2	K	n	Dp			
EPMR-50ST	Ø500	Ø500	470	100	8	Ø200	5	8	Ø300	105	125	EPM-30S
EPMR-60ST	Ø600	Ø600	560	120								
EPMR-80ST	Ø800	Ø800	750	160	Ø400	18	Ø600					
EPMR-100ST	Ø1000	Ø1000	950	200				Ø500	18	Ø800		
EPMR-120ST	Ø1200	Ø1200	1150	300	Ø700	18	Ø1000					

*規格外的產品，可接受訂製。

*Other specifications can be custom-made upon request.

EPM-08 線軌研磨專用電永磁夾盤

ELECTRO-PERMANENT MAGNETIC CHUCK FOR LINEAR GUIDEWAY

EPM-08A



EPM-08Z



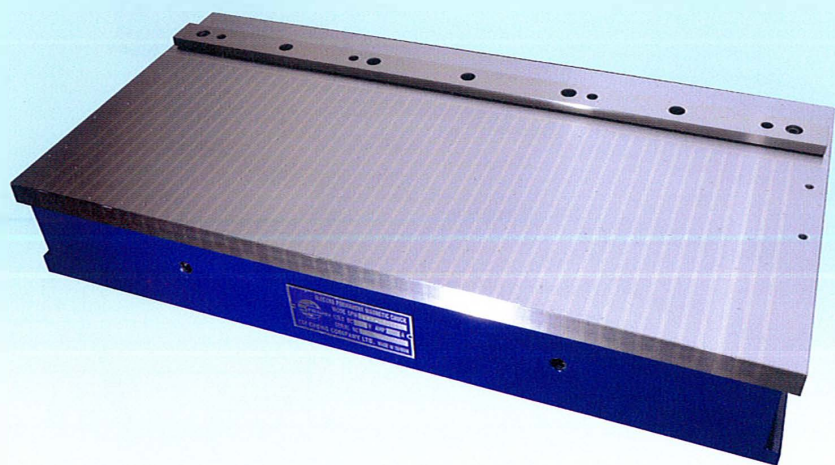
EPM-08ZL



P=3+12, P=3+16, 連結長度依客戶要求。
(訂製品) CUSTOM-MADE UPON REQUEST

EPM-ZLA 滑塊專用電磁夾盤

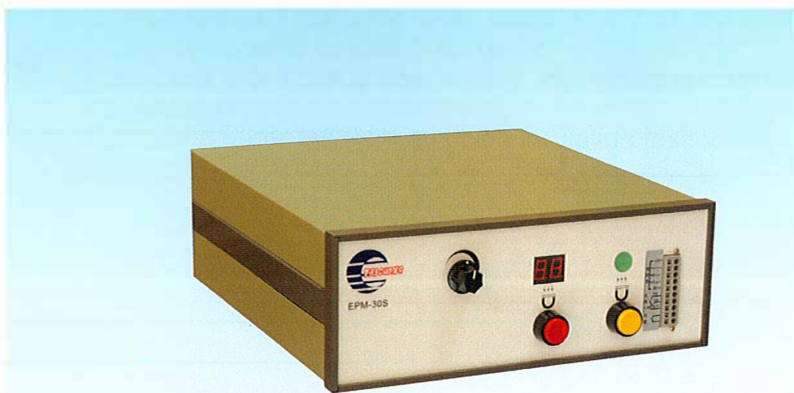
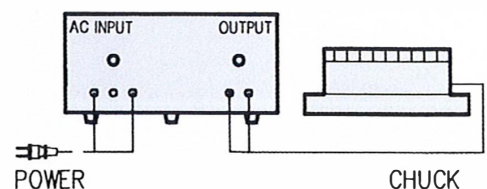
ELC-ZLA ELECTRO-PERMANENT MAGNETIC CHUCK FOR SLIDING BLOCK



(訂製品) CUSTOM-MADE UPON REQUEST

EPM-30S 電磁盤用整流脫磁控制器

CONTROLLER FOR ELECTRO-PERMANENT MAGNETIC CHUCK

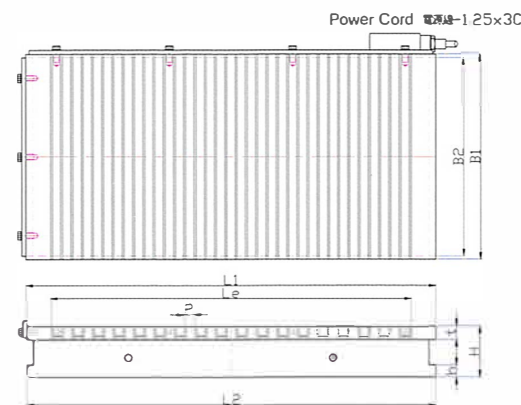


- 特性：1.各型電磁夾盤適用。
2.充脫磁時間2秒。
3.長x寬x高：330x300x120mm。
4.輸入電壓：AC 200V/220V (三相三線)
AC 380V/400V (三相四線)

- Features:**
1.Suitable for all kinds of Electro-Permanent Magnetic chucks.
2.Magnetizing / demagnetizing time in 2 seconds.
3.Dimension: 330 (L) x 300 (W) x 120 (H) mm
4.Input Voltage: AC200V/220V (3-phase 3 wire)
AC380V/400V (3-phase 4 wire)

ELC-A 電磁夾盤

STANDARD TYPE ELECTROMAGNETIC CHUCK



用途：主要研削作業用，最普及形之電磁夾盤。

- 特性：1.極高之鋼特性，高精度保持之保證，減低使用中精度之變化。
2.獨自輕薄強磁吸力之設計，減輕重量、磨床之床台驅動減少負荷。
3.面板由銅焊接處理，保證無空隙。
4.可防止切削液對面板腐蝕，延長使用壽命。
5.連續使用三小時以上溫升保持15°C內。
6.絕緣阻抗值為1000MΩ以上。
7.最大熱變位0.005/1000mm以內。



Application:
Most suitable for grinding operation. It's the most popular electromagnetic chuck.

- Features:**
1.The brazing top plate and solid bottom plate assure of rigidity, precision and durability.
2.Unique design for light weight, thin, and strong magnetic force.
3.The brazing top plate absolutely free from pin holes.
4.Highly acid-proof so as to not be affected by the coolant.
5.Temperature rise within 15°C at a continuous operation for more than 3 hours.
6.Insulation resistance beyond 1000MΩ
7.Max variation in accuracy for each point within 0.005/1000mm.

Unit:mm

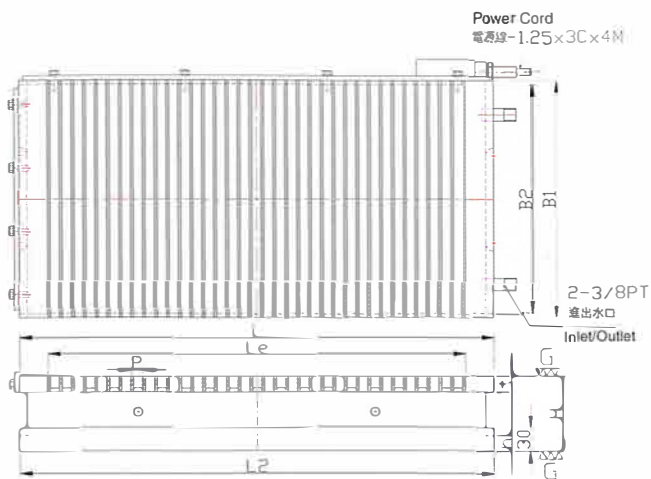
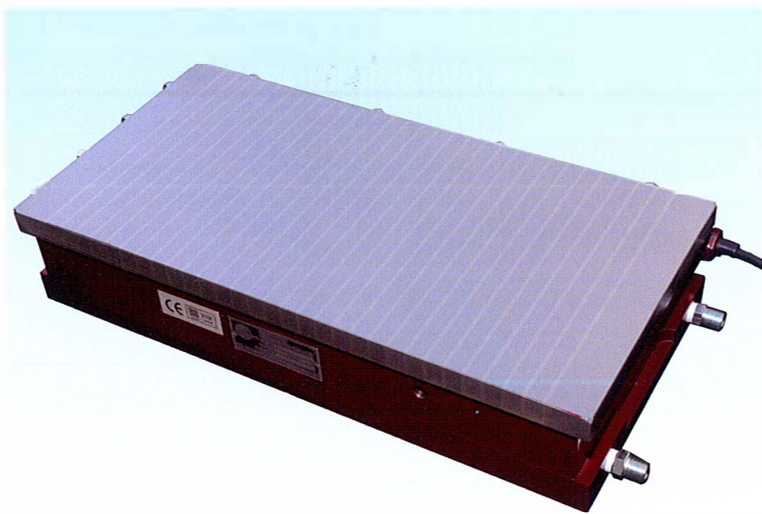
Model	Nominal Dimension	Top Plate				Pole Pitch P	Bottom Plate			Height H	Fitting Hole G	Weight (kg)	Voltage (VDC)	Current (A)
		B	L ₁	t	L _e		B ₁	L ₂	h					
ELC - 1530A	150 x 300	150	300	20	258	15 (3 + 12)	144	300	75	10	20	90	0.16	
ELC - 1535A	150 x 350		350		288			350						
ELC - 1545A	150 x 450		450		408			450						
ELC - 2040A	200 x 400	200	400	20	348	15 (3 + 12)	194	400	75	10	38	90	0.35	
ELC - 2045A	200 x 450		450		408			465						
ELC - 2050A	200 x 500		500		438			500						
ELC - 2550A	250 x 500	250	500	20	438	15 (3 + 12)	240	500	75	10	65	90	0.65	
ELC - 3060A	300 x 600	600	528	600										
ELC - 3070A	300 x 700	700	648	700										
ELC - 3090A	300 x 900	300	900	20	828	15 (3 + 12)	290	900	75	10	125	90	1.28	
ELC - 4060A	400 x 600	600	554	600										
ELC - 4080A	400 x 800	800	744	800										
ELC - 40100A	400 x 1000	400	1000	20	934	15 (3 + 12)	390	1000	75	10	221	90	1.43	
ELC - 50100A	500 x 1000	1000	934	1000										
ELC - 50150A	500 x 1500	1500	1428	1500										
ELC - 60100A	600 x 1000	600	1000	20	934	15 (3 + 12)	590	1000	75	10	330	90	3.58	
ELC - 60150A	600 x 1500	1500	1428	1500										
ELC - 80100A	800 x 1000	800	1000	20	934			15 (3 + 12)						790

*本規格外之尺寸，歡迎訂製。

* Other specifications can be custom-made upon request.

ELC-BC 水冷式電磁夾盤

WATER COOLING RECTANGULAR TYPE
ELECTROMAGNETIC CHUCK



用途：高精度研磨加工作業，最適當之機種。

特性：1. 內部特殊的水路結構，利用冷卻液的循環系統，可抑制線圈的溫度上昇，使電磁夾盤的膨脹變化控制在最小範圍內。乾式研磨作業，工件所產生溫度，可藉由磁盤表面的低溫，予以中和降低。
2. 防水效果最確實，保證不滲水、不漏電。

Application:
The most suitable chuck for high precision grinding operation.

Features:
1. The unique inner water circuit effectively minimizes temperature rise and thermal expansion, especially suitable for dry grinding operation.
2. Excellent water resistant and high insulation resistance.

Unit:mm

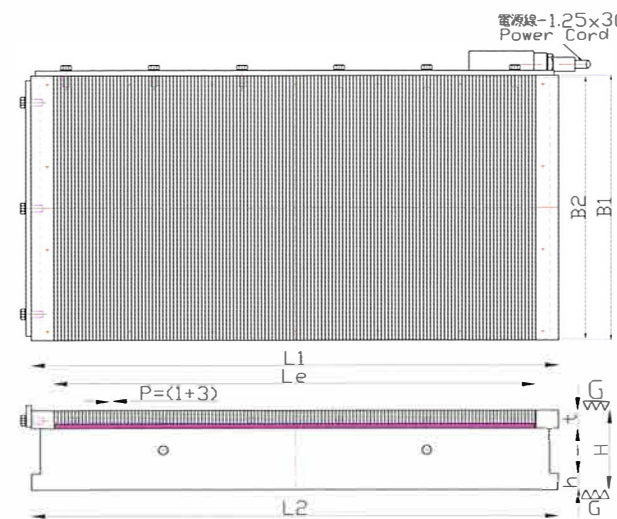
Model	Nominal Dimension	Top Plate				Pole Pitch P	Bottom Plate			Height H	Voltage (VDC)	Current (A)	Weight (Kg)				
		B ₁	L ₁	L _e	t		B ₂	L ₂	h								
ELC-1530BC	150X300	150	300	258	20	15 (3+12)	146	300	20	95	90	0.16	29				
ELC-1535BC	150X350		350	288				350				0.19	35				
ELC-1540BC	150X400		400	348				400				0.21	40				
ELC-1545BC	150X450		450	408				450				0.25	45				
ELC-2040BC	200X400		400	348				400				0.35	53				
ELC-2045BC	200X450	200	450	408	20	196	450	20	95	90	0.38	60					
ELC-2050BC	200X500		500	438			500				0.45	66					
ELC-2550BC	250X500	250	500	438	25	19 (3+16)	240	20	105	90	0.65	83					
ELC-3060BC	300X600	300	600	528			290				600	1.00	119				
ELC-4060BC	400X600	400	600	554			390				600	20	105	90	1.02	170	
ELC-4080BC	400X800		800	744							800				1.20	228	
ELC-40100BC	400X1000	500	1000	934			25				19 (3+16)	1000	20	105	90	1.43	286
ELC-50100BC	500X1000		1000	934	1000	1.44		357									
ELC-50150BC	500X1500		1500	1428	1500	2.46		536									
ELC-60100BC	600X1000		600	1000	934	590		1000	20	105		90				3.58	428
ELC-60150BC	600X1500			1500	1428			1500								3.20	643

*規格外的產品，可接受訂製。

* Other specifications can be custom-made upon request.

ELC-BW 微距型電磁夾盤

MICROPITCH ELECTROMAGNETIC CHUCK



用途：適用於長條狀之薄工件研削及輕切削加工。

特性：1. 面板以硬焊結合，精度保持穩定。
2. 輕量化設計，本體結構剛性佳。
3. 300x600以下規格，連續使用三小時，保證精度0.003mm以內(平面精度熱變位)。
4. 防水效果最確實，保證不滲水，不漏電。

《參考》小型工件並列加工適用HMT-A、HMT-B、HMTW....等永磁夾盤。

Unit:mm

Model	Nominal Dimension	Top Plate				Pole Pitch P	Bottom Plate			Height H	Voltage (VDC)	Current (A)	Weight (Kg)				
		B ₁	L ₁	L _e	t		B ₂	L ₂	h								
ELC-1530BW	150X 300	150	300	253	20	4	150	300	20	85	90	0.30	28				
ELC-1535BW	150X 350		350	301				350				0.36	33				
ELC-1540BW	150X 400		400	349				400				0.44	48				
ELC-1545BW	150X 450		450	401				450				0.57	54				
ELC-2040BW	200X 400		400	349				400				0.61	51				
ELC-2045BW	200X 450	200	450	401	20	4	450	20	85	90	0.71	58					
ELC-2050BW	200X 500		500	449			500				0.93	64					
ELC-2550BW	250X 500	250	500	449	25	19 (3+16)	250	20	90	90	1.09	80					
ELC-3060BW	300X 600	300	600	549			296				600	1.05	115				
ELC-3070BW	300X 700	700	649	700			1.11				134						
ELC-4060BW	400X 600	400	600	549			396				600	20	90	90	1.45	162	
ELC-4080BW	400X 800		800	749							800				2.10	216	
ELC-40100BW	400X1000	500	1000	949	25	19 (3+16)	1000	20	90	90	2.35	270					
ELC-5075BW	500X 750		750	697			750				2.50	254					
ELC-50100BW	500X1000		1000	949			1000				3.10	338					
ELC-6075BW	600X 750		600	750			697				596	750	20	90	90	2.60	304
ELC-60100BW	600X1000			1000			949					1000				4.20	405
ELC-7075BW	700X 750	700	750	697	696	750	20	90	90	90	3.62	354					
ELC-70100BW	700X1000		1000	949		1000					4.98	473					
ELC-8075BW	800X 750		750	697		750					4.98	405					
ELC-80100BW	800X1000	800	1000	949	796	1000	6.78	540									

*規格外的產品，可接受訂製。

* Other specifications can be custom-made upon request.

電磁夾盤 ELECTROMAGNETIC CHUCK

電磁夾盤 ELECTROMAGNETIC CHUCK

ELC-BWC 水冷式細目電磁夾盤

WATER COOLING MICROPITCH TYPE ELECTROMAGNETIC CHUCK

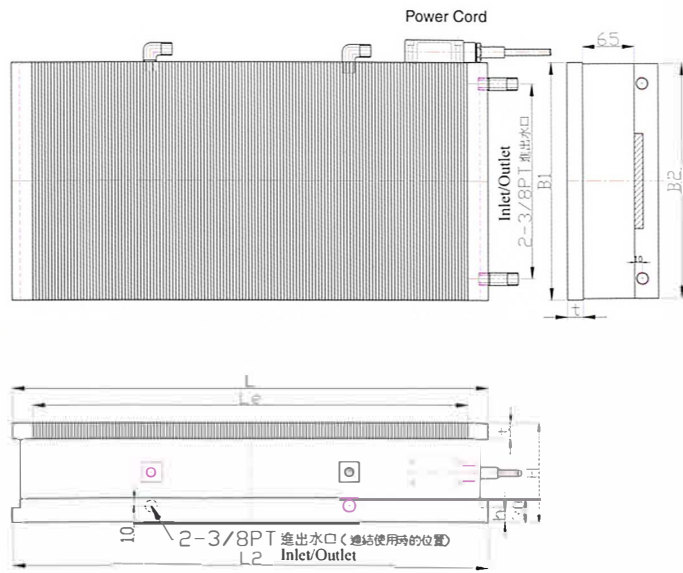
用途：高精度研磨加工作業，最適當之機種。

- 特性：1. 內部特殊的水路結構，利用冷卻液的循環系統，可抑制線圈的溫度上昇，使電磁夾盤的膨脹變化控制在最小範圍內。乾式研磨作業，工件所產生溫度，可藉由磁盤表面的低溫，予以中和降低。
2. 防水效果最確實，保證不滲水、不漏電。

《參考》小型工件並列加工適用HMT-A、HMT-B、HMTW...等永磁夾盤。

Application:
The most suitable chuck for high precision grinding operation.

- Features:
1. The unique inner water circuit effectively minimizes temperature rise and thermal expansion, especially suitable for dry grinding operation.
2. Excellent water resistant and high insulation resistance.
(Ref.)
For small workpieces, please choose permanent magnetic chuck, such as HMT-A, HMT-B, HMTW...etc.



Unit:mm

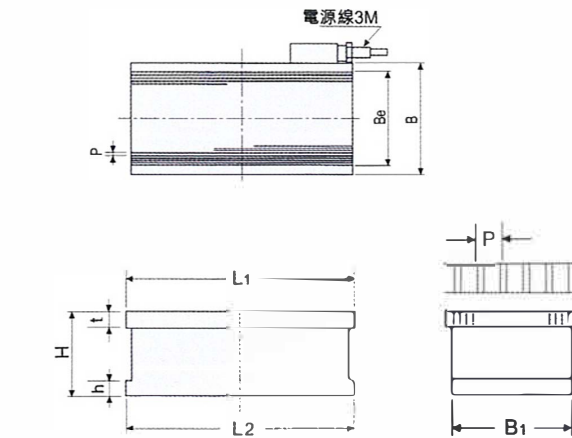
Model	Nominal Dimension	Top Plate				Pole Pitch	Bottom Plate			Height	Voltage (VDC)	Current (A)	Weight (Kg)														
		B ₁	L ₁	L _e	t		B ₂	L ₂	h																		
ELC-1530 BWC	150X300	150	300	255	20	4 (1+3)	146	300	115	90	0.58	36															
ELC-1535 BWC	150X350		350	303				350			0.65	42															
ELC-1540 BWC	150X400		400	353				400			0.62	48															
ELC-1545 BWC	150X450		450	403				450			0.71	54															
ELC-2040 BWC	200X400	200	400	353	20		4 (1+3)	196			400	115	90	0.70	64												
ELC-2045 BWC	200X450		450	403							450			0.78	72												
ELC-2050 BWC	200X500	250	500	457	20			4 (1+3)			246			500	120	90	0.90	80									
ELC-2550 BWC	250X500		500	457										500			1.13	100									
ELC-3060 BWC	300X600	300	600	553	25						4 (1+3)			296			600	120	90	1.33	145						
ELC-4060 BWC	400X600		600	553													600			2.03	202						
ELC-4080 BWC	400X800	400	800	747	25									4 (1+3)			396			800	120	90	2.73	269			
ELC-40100 BWC	400X1000		1000	947																1000			2.97	336			
ELC-5050 BWC	500X500	500	500	457	25	4 (1+3)			496	500							120			90			2.15	210			
ELC-5060 BWC	500X600		600	553						600													2.36	252			
ELC-5075 BWC	500X750	600	750	697	25				4 (1+3)	596													750	120	90	2.38	315
ELC-50100 BWC	500X1000		1000	947																			1000			3.13	420
ELC-6050 BWC	600X500	600	500	457	25		4 (1+3)			596		500	120										90			2.60	252
ELC-6060 BWC	600X600		600	553								600														2.48	302
ELC-6075 BWC	600X750		750	697				750				2.75			378												
ELC-60100 BWC	600X1000		1000	947				1000				4.30			504												

*規格外的產品，可接受訂製。

* Other specifications can be custom-made upon request.

ELC-BWL 微距型橫向電磁夾盤

FULL-LENGTH BAR POLE ELECTROMAGNETIC CHUCK



用途：針對工件橫向研磨及輕切削。

- 特性：1. 面板由銅焊接合處理，保證無空隙。
2. 可防止切削液對面板腐蝕，延長使用壽命。
3. 絕緣阻抗值為1000MΩ以上。
4. 不適用小型工件平均放置於盤面。

《參考》小型工件並列加工適用HMT-A、HMT-B、HMTW...等永磁夾盤。

Unit:mm

Model	Nominal Dimension	Top Plate				Pole Pitch	Bottom Plate			Height	Voltage (VDC)	Current (A)	Weight (kg)											
		B	L ₁	t	Be		B ₁	L ₂	h															
ELC - 1530BWL	150 x 300	150	300	20	125	4 (1+3)	148	300	85	90	0.39	33												
ELC - 1535BWL	150 x 350		350					350			0.52	38												
ELC - 1545BWL	150 x 450		450					450			0.60	48												
ELC - 2040BWL	200 x 400	200	400	20	173		4 (1+3)	198			400	85	90	0.69	57									
ELC - 2045BWL	200 x 450		450								450			0.90	64									
ELC - 2050BWL	200 x 500	250	500	20	225			4 (1+3)			248			500	85	90	1.01	72						
ELC - 2060BWL	200 x 600		600											600			1.31	86						
ELC - 2540BWL	250 x 400	250	400	20	273						4 (1+3)			298			400	85	90	1.00	72			
ELC - 2545BWL	250 x 450		450														450			1.10	81			
ELC - 2550BWL	250 x 500		500														500			1.33	90			
ELC - 3060BWL	300 x 600	300	600	20	273									4 (1+3)			298			600	85	90	1.52	129

*本規格外之尺寸，歡迎訂製。

* Other specifications can be custom-made upon request.

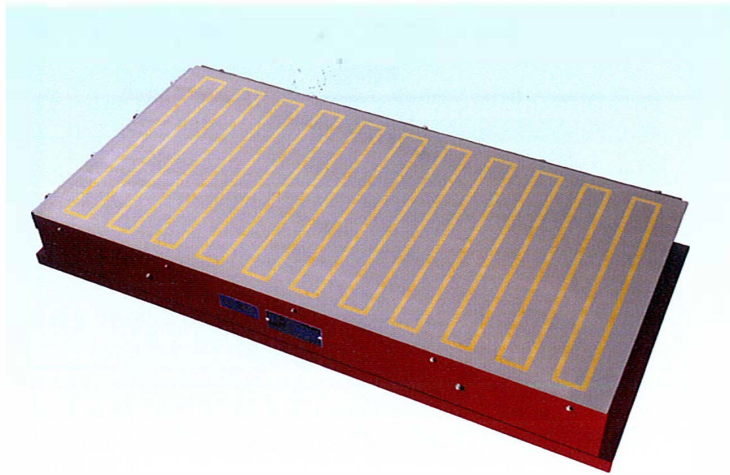
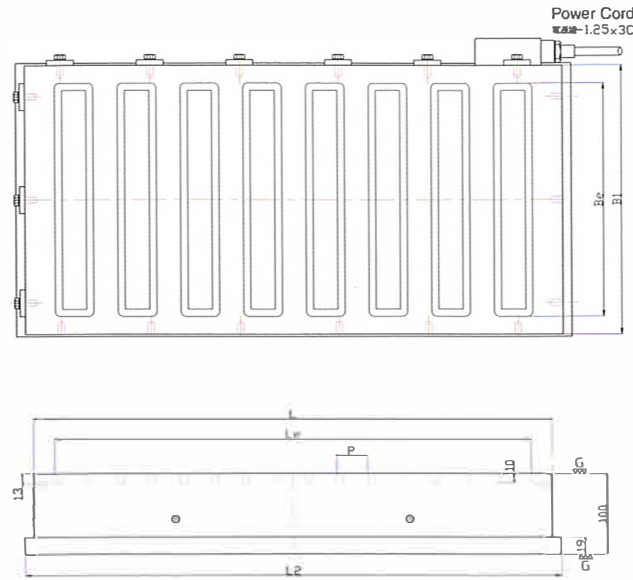
電磁夾盤 ELECTROMAGNETIC CHUCK

電磁夾盤 ELECTROMAGNETIC CHUCK



ELC-Z 超強力電磁夾盤

SUPER POWERFUL ELECTROMAGNETIC CHUCK



用途：適用於銑床、龍門銑床、CNC銑床等切削作業。

- 特性：1. 切削、重切削專用的超強力電磁夾盤。
 2. 工件尺寸須大於100X100mm, 厚度大於15mm以上。
 3. 磁場強度2000高斯以上, 可連續使用磁力始終如一。
 4. 防水效果最確實, 保證不滲水, 不漏電。
 5. 平均吸力18kgf/cm²以上。

Application:
 Suitable for milling machine, milling planner, CNC milling machine, and heavy duty...etc

- Features:**
1. Super power magnetic chuck for heavy duty.
 2. Suitable for workpieces sized bigger than 100X100mm.
 3. Magnetic density is beyond 2000 gauss and won't be decreased while using continuously.
 4. Excellent water resistant & high insulation resistance.
 5. Average magnetic force beyond 18kgf/cm².

Unit:mm

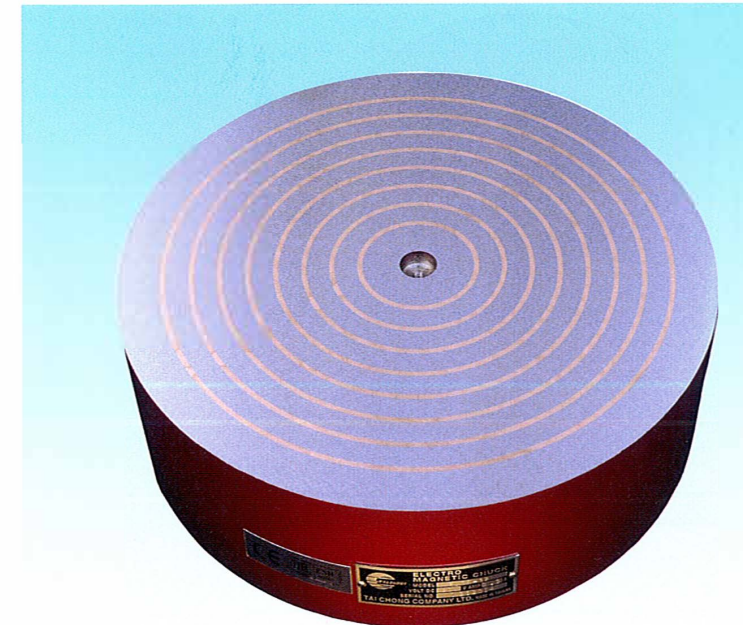
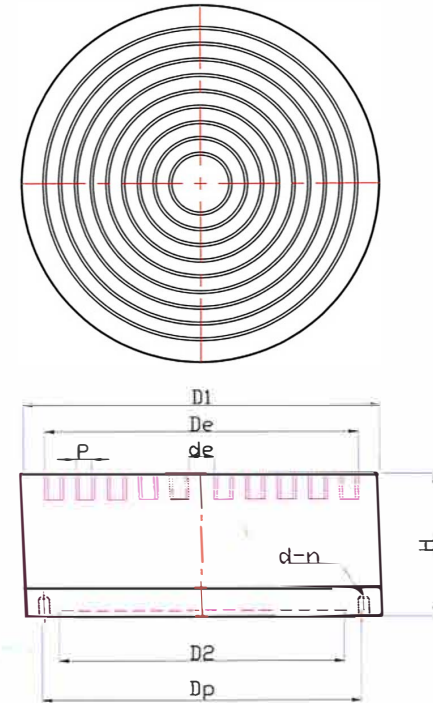
Model	Nominal Dimension	Top Plate				Bottom Plate	Voltage (VDC)	Current (A)	Mass (Kg)	
		B1	Be	L1	Le					P
ELC- 2050Z	200X 500	200	164	500	437	204	90	1.28	65	
ELC- 2060Z	200X 600			600	533			620	1.97	78
ELC- 2080Z	200X 800			800	743			820	2.72	104
ELC- 2550Z	250X 500	250	214	500	437	254	90	1.83	82	
ELC- 2560Z	250X 600			600	533			620	2.2	98
ELC- 3060Z	300X 600	300	260	600	533	304	90	2.41	117	
ELC- 3090Z	300X 900			900	854			920	3.23	176
ELC- 4040Z	400X 400	400	360	400	323	404	90	2.72	104	
ELC- 4050Z	400X 500			500	437			520	2.62	130
ELC- 4080Z	400X 800			800	743			820	4.1	208
ELC-40100Z	400X1020			1020	931			1040	5.8	260
ELC- 5050Z	500X 500	500	460	500	437	504	90	2.38	163	
ELC-50100Z	500X1020			1020	931			1040	6.31	325
ELC-50150Z	500X1500			1500	1443			1520	8.17	488
ELC- 6060Z	600X 600	600	560	600	533	604	90	3.34	234	
ELC-60100Z	600X1020			1020	931			1040	6.4	390
ELC-60150Z	600X1500			1500	1443			1520	9.4	585

*本規格外之尺寸, 歡迎訂製。

* Other specifications can be custom-made upon request.

ELCR 圓環型電磁夾盤

ROUND ELECTROMAGNETIC CHUCK



用途：適用於旋轉磨床使用。

- 特性：1. 本體為一體成型, 剛性特高。
 2. 精度保持穩定, 防水效果最確實, 保證不滲水, 不漏電。

Application:
 Most suitable for rotary grinding machine.

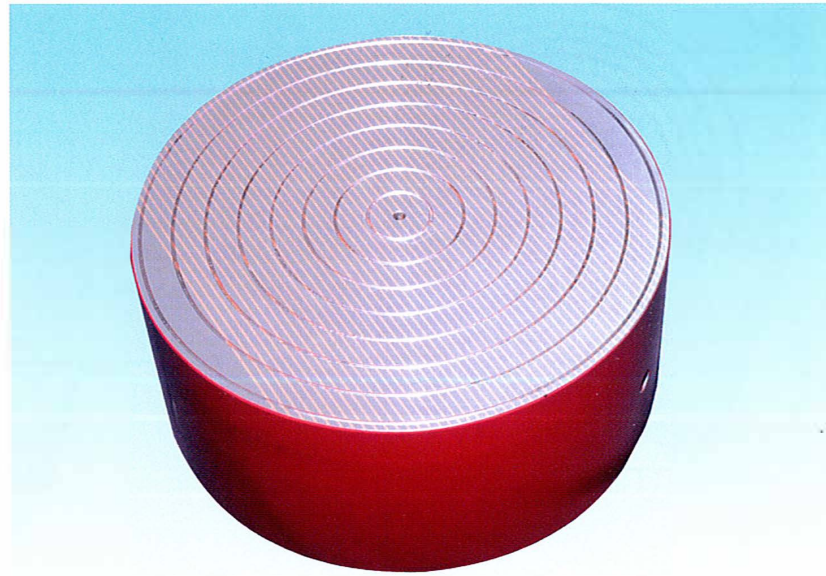
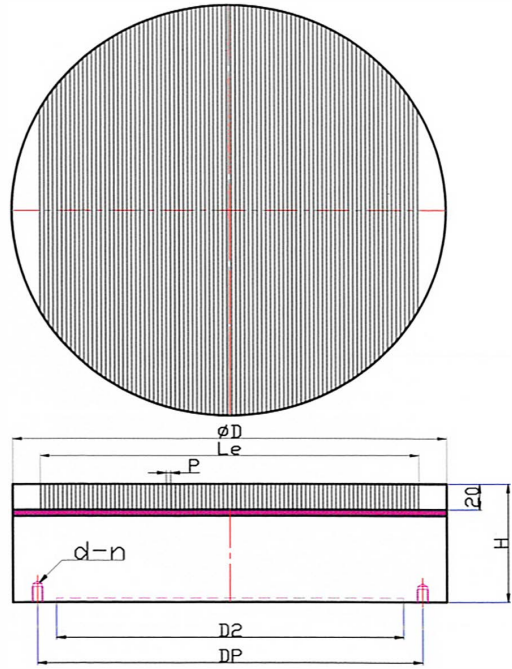
- Features:**
1. Monocoque, high strength steel, high rigidity.
 2. Accuracy steady, excellent water resistant & high insulation resistance.

Unit:mm

Model	Nominal Dimension	Top Plate			Pole Pitch	Bottom Plate					Height	Voltage (VDC)	Current (A)	Weight (Kg)
		D1	De	de		P	D2	K	n	d				
ELCR-10	Ø100	100	76	24	8 (2+6)	63	3	M6	80	95	90	0.18	5.5	
ELCR-16	Ø160	160	140			125			140			0.27	13.5	
ELCR-20	Ø200	200	156			160			180			0.52	22	
ELCR-25	Ø250	250	216	40	11 (2+9)	200	4	M8	224	100	90	0.57	35	
ELCR-32	Ø320	320	276			250			280			1.21	57	
ELCR-36	Ø360	360	318			300			320			1.58	72	
ELCR-40	Ø400	400	347			315			355			1.80	97	
ELCR-50	Ø530	500	475	70	8	350	4	M10	400	110	90	3.20	152	
ELCR-60	Ø600	600	539			450			500			4.60	228	
ELCR-70	Ø700	700	635			550			600			5.70	310	
ELCR-80	Ø800	800	732			650			700			7.50	423	
ELCR-100	Ø1000	1000	955	800	900	9.40	660							

ELCR-L 細目直條紋圓型電磁夾盤

MICROPITCH STRIPE ROUND TYPE ELECTROMAGNETIC CHUCK



用途：適用於旋轉磨床、圓筒磨床、車床...等研磨或輕車削加工。

特性：1.吸力平均，端面加工可保持平行精度，外徑加工與端面可確保垂直度。
2.面板以銅焊結合，精度保持穩定性高。

Application:
For rotary grinder, cylindrical grinder, lathe, and light duty cutting machining.

Features:
1.Uniform holding power on the top plate, ensures parallel and vertical accuracy on the top plate and O.D of workpieces.
2.The brazing top plate ensures accuracy steady.

Unit:mm

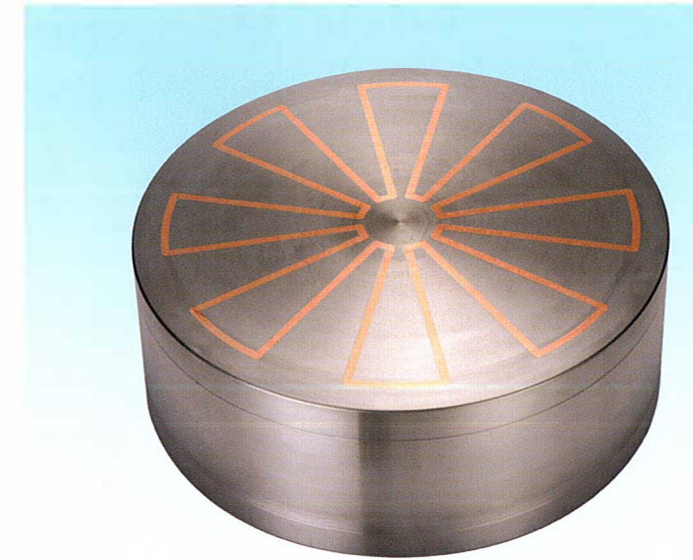
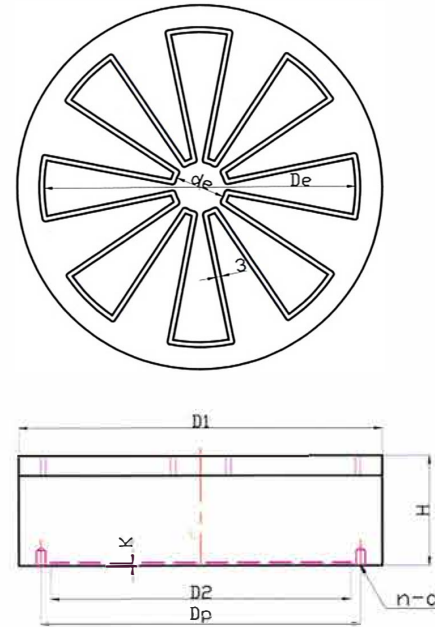
Model	Nominal Dimension	Top Plate		Pole Pitch P	Bottom Plate					Height H	Voltage (VDC)		
		D	Le		D ₂	K	n	d	D _p				
ELCR-16L	Ø 160	160	110	4 (1+3)	125	4	M8	4	140	110	90		
ELCR-20L	Ø 200	200	140		160				180				
ELCR-25L	Ø 250	250	190		200				224				
ELCR-32L	Ø 320	320	260		250				280				
ELCR-36L	Ø 360	360	300		280	320							
ELCR-40L	Ø 400	400	340		315	355							
ELCR-50L	Ø 500	500	440		350	400							
ELCR-60L	Ø 600	600	540		450	500							
							M10						
							M12	8					

*本規格外之尺寸，歡迎訂製。

* Other specifications can be custom-made upon request.

ELCR-S 超強力圓型星目電磁夾盤

ROUND STAR-POLE TYPE ELECTROMAGNETIC CHUCK



用途：適用車床、直立式車床、旋轉磨床等工作母機，研削及車削加工業。

特性：1.吸力超強，針對厚的工件，能有效吸著。
2.磁場強度可達3000高斯以上。
3.面板以銅焊接合處理，精度保持穩定。
4.防水效果最確實，保證不滲水，不漏電。

Application:
Suitable for light duty milling and grinding on lathe, vertical lathe, rotary grinding machine.

Features:
1.Strong attraction for thick workpieces.
2.Magnetic force beyond 3000 gauss.
3.The brazing top plate ensures accuracy steady.
4.Excellent water resistant, high insulation resistance.

Unit:mm

Model	Nominal Dimension	Top Plate			NO.of Poles	Bottom Plate					Height H	Voltage (VDC)	Current (A)	Weight (Kg)
		D1	De	de		D2	K	n	d	Dp				
ELCR-10S	Ø100	100	70	15	6	63	4	M8	4	80	90	90	0.28	5.5
ELCR-16S	Ø160	160	120	20		125				140			0.31	14.2
ELCR-20S	Ø200	200	160	30	160	180				0.34			22.2	
ELCR-25S	Ø250	250	210	8	200	224				0.48			34.7	
ELCR-32S	Ø320	320	270	10	250	280	0.56	56.8						
ELCR-36S	Ø360	360	310		280	320	0.86	72.0						
ELCR-40S	Ø400	400	350	50	320	355	1.24	89.0						
ELCR-50S	Ø500	500	450	12	400	450	1.26	139.0						
ELCR-63S	Ø630	630	580		500	560	1.35	220.0						
ELCR-80S	Ø800	800	750	60	630	700	2.14	440.0						
ELCR-100S	Ø1000	1000	950	70	800	900	4.45	680.0						

*本規格外之尺寸，歡迎訂製。

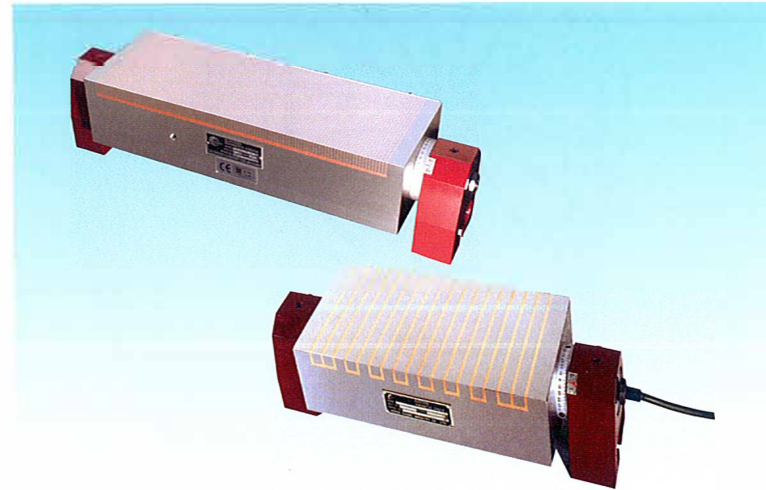
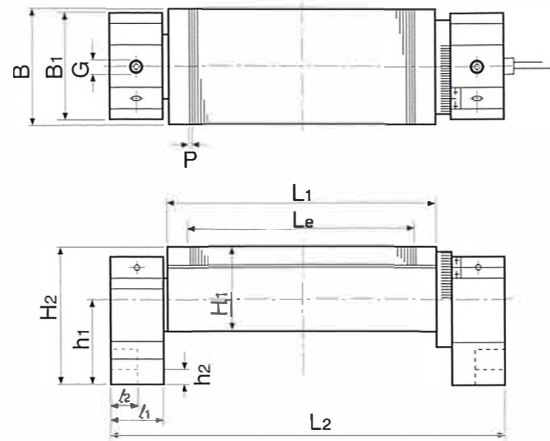
* Other specifications can be custom-made upon request.

ELC-UW 迴轉微距型電磁夾盤

ROTARY MICROPITCH ELECTROMAGNETIC CHUCK

ELC-U 迴轉型電磁夾盤

ROTARY ELECTROMAGNETIC CHUCK



用途：適用於研磨床之角度研磨。

- 特性：
1. 易於裝置且旋轉角度可任意設定。
 2. 面板由銅焊接合處理保證精度穩定。
 3. 本體與旋轉主軸為一體成型。

Application:
Suitable for angle grinding for metallic form and fine grinding for molds.

- Features:**
1. Easy installation. Rotary shaft with graduation can be adjusted at any angle and the rotary angle can be freely set up.
 2. The brazing top plate absolutely free from pin holes.
 3. Integrated molding of machine body and rotary spindle.

Unit:mm

Model	Nominal Dimension	Top Plate			Pole Pitch	Length	Rotary Base						Height	Weight (kg)	Voltage (VDC)	Current (A)	
		B	L ₁	L _e			H ₁	P	L ₂	B ₁	l ₁	l ₂					G
ELC-1530UW	150 x 300		300	256		418									37		1.51
ELC-1535UW	150 x 350	150	350	304		468					90		136	41		1.60	
ELC-1545UW	150 x 450		450	403	100	568	100	50	25	14	15		51	90	1.65		
ELC-2050UW	200 x 500		500	457		618							76		1.80		
ELC-2060UW	200 x 600	200	600	553		718					120		168	89	1.90		

Model	Nominal Dimension	Top Plate			Pole Pitch	Length	Rotary Base						Height	Weight (kg)	Voltage (VDC)	Current (A)
		B	L ₁	L _e			H ₁	P	L ₂	B ₁	l ₁	l ₂				
ELC-1030U	100 x 300	100	300	258		418	95						23			0.20
ELC-1325U	125 x 250	125	250	198		368					90		24			0.18
ELC-1530U	150 x 300		300	258		418							37			0.20
ELC-1535U	150 x 350	150	350	288	100	468	100	50	25	14	15		41	90		0.25
ELC-1545U	150 x 450		450	408		568							51			0.30
ELC-2050U	200 x 500		500	438		618					120		76			0.40
ELC-2060U	200 x 600	200	600	528		718	100						89			0.50

*本規格外之尺寸，歡迎訂製。

* Other specifications can be custom-made upon request.

ELC-UAT 大型連結式可傾電磁夾盤

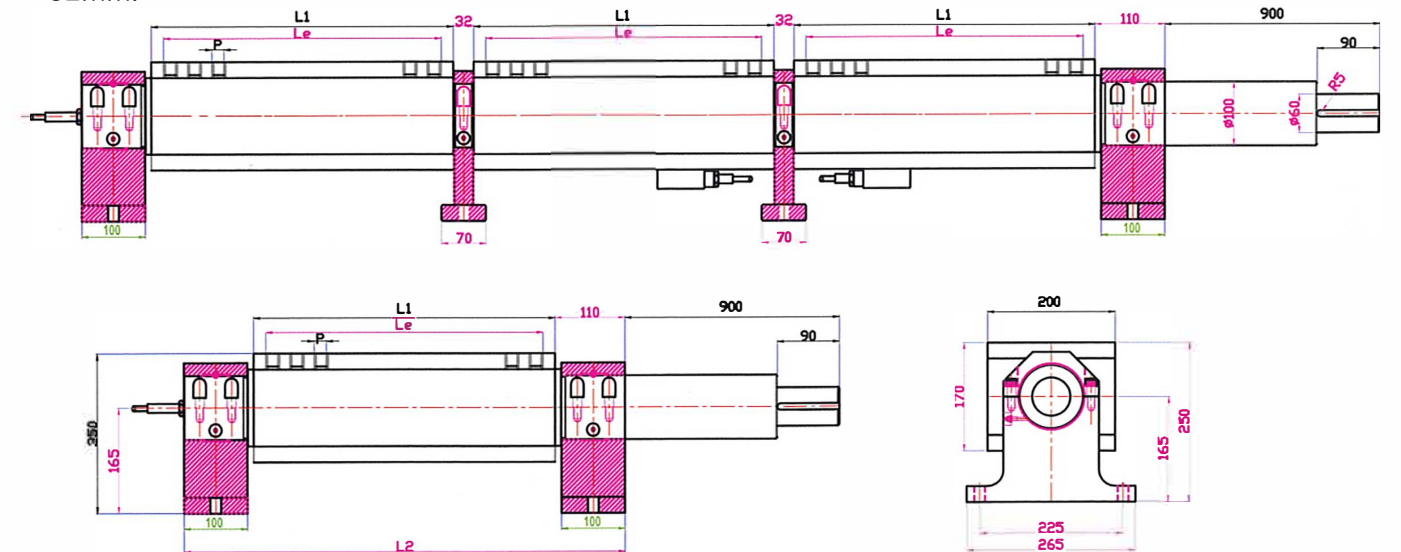
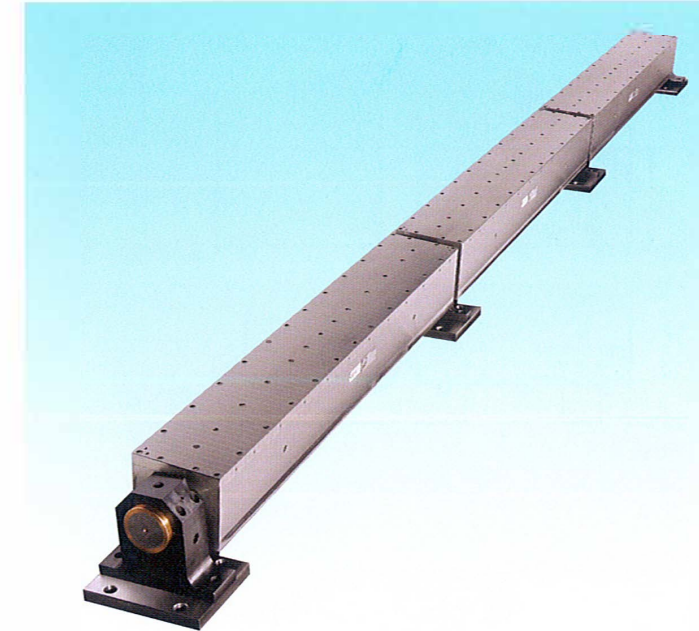
LARGE CONNECTING ROTARY TYPE ELECTROMAGNETIC CHUCK

用途：長形斬刀及各式工件角度研磨、刀口研磨。

- 特長：
1. 本體與心軸一體成型，心軸 (Ø100)。
 2. 依機台長度，可連結配置。
 3. 角度調整時，可配合減速機以手輪或伺服傳動。
 4. 磁鐵與磁鐵的間隔32mm。

Application:
Suitable for grinding wood slice cutters, workpieces with angles, and knife edge.

- Features:**
1. Integrated molding of machine body and rotary spindle (Ø100). Excellent rigidity.
 2. Several units can connect together for use.
 3. When angle is adjusted, it can be used along with speed reducer.
 4. The connecting clearance between chucks is 32mm.

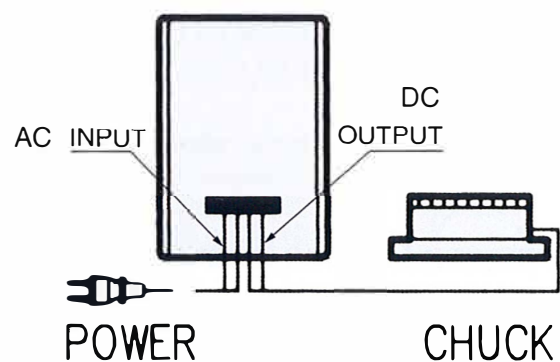
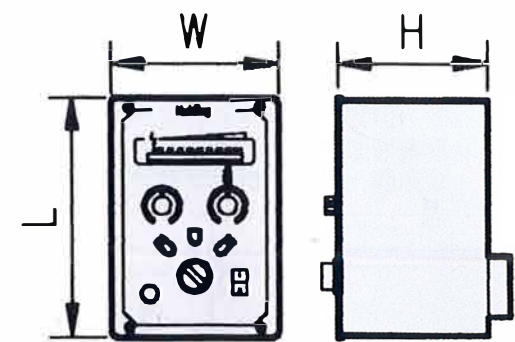
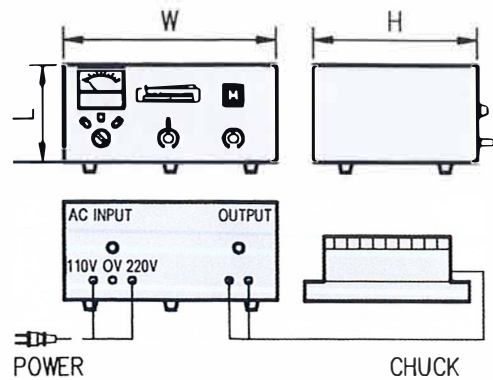


Unit:mm

Model	Nominal Dimension	Top Plate		Pole Pitch	Length	Voltage (VDC)	Current (A)	Weight (kg)
		L ₁	L _e					
ELC-20100UAT	200x1000	1000	934		1220		0.93	270
ELC-20120UAT	200x1200	1200	1124		1420		1.00	319
ELC-20130UAT	200x1300	1300	1238	19 (3+16)	1520	90	1.31	342
ELC-20140UAT	200x1400	1400	1352		1620		1.56	364
ELC-20150UAT	200x1500	1500	1428		1720		1.97	387

HES-T 電磁盤用整流脫磁控制器

CONTROLLER FOR ELECTROMAGNETIC CHUCK



- 特性：1.各型電磁盤適用。
2.電流容量5A-20A，脫磁時間6-15秒。
3.電磁盤磁力可精密調整，並有LED電壓顯示。
4.速脫型，脫磁時間3秒。

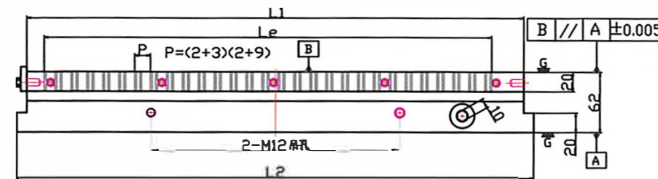
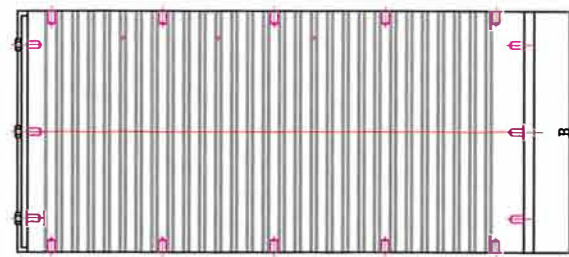
- Features:**
- 1.Suitable for all kinds of electromagnetic chucks.
 - 2.Current capacity of 5A-20A; demagnetizing time 6~15 seconds.
 - 3.Precisely adjusting the magnetic force of electromagnetic chucks, LED voltage display.
 - 4.Speedy demagnetizing type available, demagnetizing time 3 seconds.

Unit:mm

Model	Input Voltage	Output		Dimension			Weight (kg)	Cooling Fan
		Voltage	Current	L	W	H		
HES - 105T	AC 110V/220V (single phase)	DC - 100V	5A	200	137	122	3.5	No
HES - 110T	AC 110/220/380/415/440V (single phase)	DC - 120V	10A	150	330	260	15	Yes
HES - 115T	AC 220/380/415/440V (single phase)	DC - 120V	15A	150	330	260	20	Yes
HES - 200T	AC 220/380/415/440V (single phase)	DC - 120V	20A	180	385	295	32	Yes

HMT 強力型永磁夾盤

DUAL PITCH PERMANENT MAGNETIC CHUCK



用途：高精度銑削、研削作業，強力型永磁夾盤。

- 特性：1.防水性能佳、可在液中使用。
2.平均吸磁力15kg/cm²以上。
3.磁力分佈均勻，ON/OFF切換時精度保持良好保證0.002mm以內。
4.300mm寬度以上機種為雙開關。
5.面板以銅焊結合處理、剛性佳、精度保持穩定。
6.鈹鐵鋁磁石應用。

Application:
For high precision milling and grinding machine, powerful permanent magnetic chuck.

- Features:**
- 1.Excellent water resistant to allow whole chuck to be used in the liquid.
 - 2.Average magnetic force beyond 15kg/cm².
 - 3.Uniform holding power. The accuracy variation stays within 0.002mm when ON/OFF switching.
 - 4.Double switches for chucks larger than 300mm.
 - 5.The brazing top plate makes rigidity excellent and accuracy stable.
 - 6.NdFeB magnets adopted.

Unit:mm

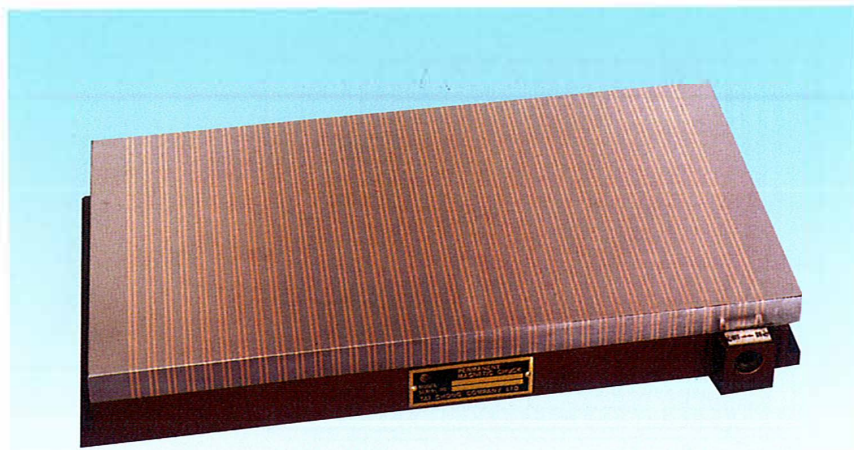
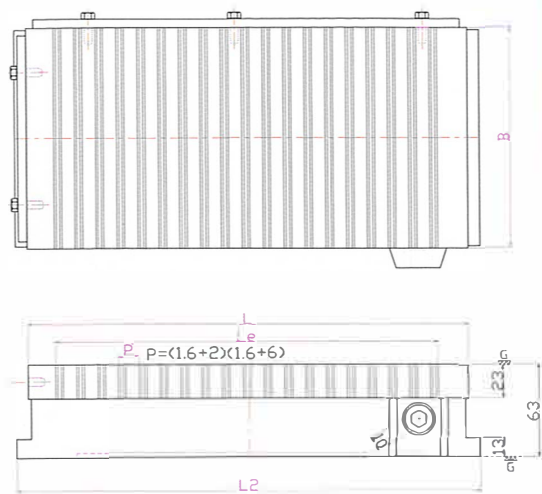
Model	Nominal Dimension	Top Plate			Pole Pitch P	Bottom Plate L2	Weight (Kg)
		B	L1	Le			
HMT-2020	200X200	200	200	151	16 (2+3+2+9)	220	19
HMT-2040	200X400		400	354		420	39
HMT-2045	200X450		450	402		470	43
HMT-2050	200X500		500	450		520	48
HMT-2525	250X250	250	250	199		270	30
HMT-2550	250X500		500	450		520	60
HMT-3030	300X300	300	300	247		320	43
HMT-3040	300X400		400	354		420	58
HMT-3050	300X500		500	450		520	73
HMT-3060	300X600		600	551		620	87
HMT-4040	400X400	400	400	354		420	77
HMT-4050	400X500		500	450		520	97
HMT-4060	400X600		600	551	620	116	

*規格外的產品，可接受訂製。

*Other specifications can be custom-made upon request.

HMT-A 強力角型永磁夾盤

POWERFUL ANGULAR PERMANENT MAGNETIC CHUCK



用途：適用於研磨床，放電加工機配著。

- 特性：
1. 磁力ON/OFF切換時，磁力面之平面精度不變。
 2. 雙磁距設計可使用於厚、薄、大、小不同加工物使用。
 3. 面板銅焊接合處理可防止切削液腐蝕。
 4. 防水處理可放置在液中。
 5. 氧化鐵磁石應用組裝。
 6. 平均磁力10kgf/cm² 以上。

Application:
Suitable for grinding machine & EDM.

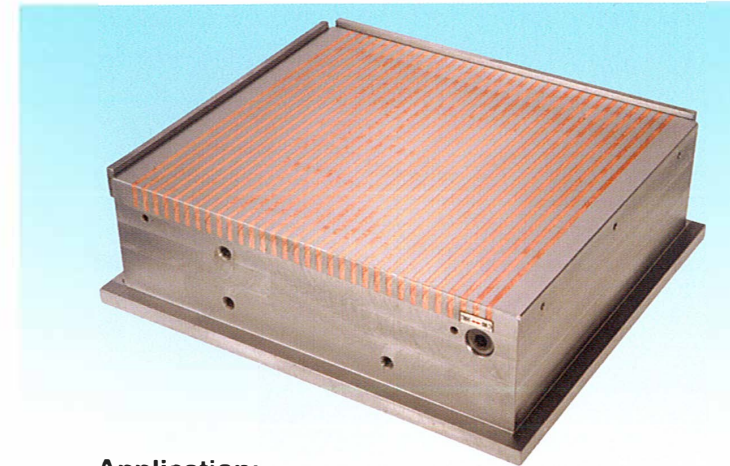
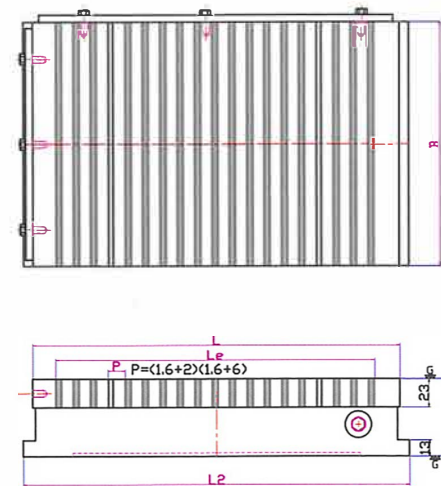
- Features:**
1. ON/OFF switching doesn't influence plate flatness.
 2. Wide application to all kinds of workpieces.
 3. Brazing treatment protects the top plate from coolant corrosion.
 4. Water-resistance property enables whole chuck to be used in liquid.
 5. Ferrite magnets adopted.
 6. Average magnetic force beyond 10kgf/cm².

Unit:mm

Model	Nominal Dimension	Top Plate			Pole Pitch P	Chuck Mounting Part		Height H	Weight (kg)	
		B	L ₁	L _e		L ₂	h			
HMT - 1018A	100 x 175	100	175	125	11.2 (1.6+2+ 1.6+6)	187	13	63	7.3	
HMT - 1325A	125 x 250	125	250	200					262	10.4
HMT - 1530A	150 x 300	150	300	246					312	15.1
HMT - 1535A	150 x 350		350	296					362	17.4
HMT - 1545A	150 x 450		450	396					462	20.1
HMT - 2040A	200 x 400	200	400	346					412	26.0
HMT - 2045A	200 x 450		450	390		462		30.1		
HMT - 2050A	200 x 500		500	446		512		35.7		
HMT - 2550A	250 x 500	250	500	446		512		39.0		

HMT-B 強力角型永磁夾盤

POWERFUL ANGULAR PERMANENT MAGNETIC CHUCK



用途：CNC銑床、雕刻機、研磨機重研削，最適用之多功能之機種。

- 特性：
1. 吸力強較一般磁盤增加20%。
 2. 防水性良好，可在液中使用。
 3. 特殊的磁場結構，對工件的磁化力非常小。
 4. 300mm寬度以上規格為雙開關。
 5. 傳動軸長度增長2倍以上，較一般型耐磨耗二倍以上。
 6. 底座為鋼材一體成型加工，鋼性及穩定性特優。
 7. 氧化鐵磁石應用。
 8. 平均吸磁力14kgf/cm² 以上。

Application:
CNC MILLING MACHINE, ENGRAVING MACHINE, GRINDING MACHINE, HEAVY DUTY CUTTING MACHINE...ETC.

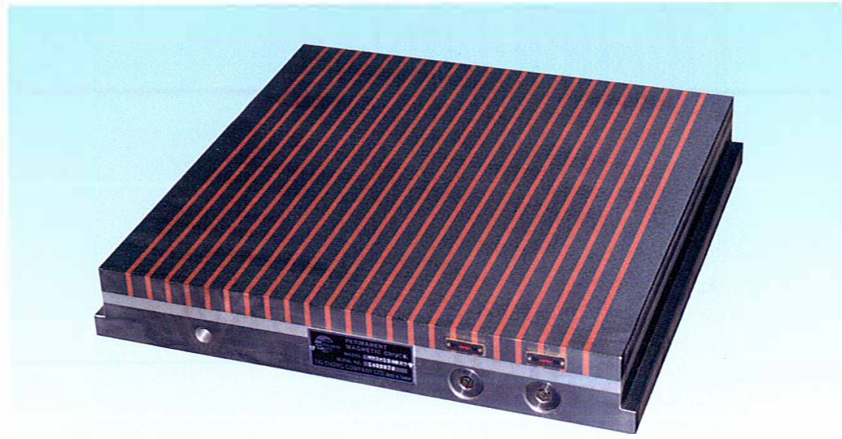
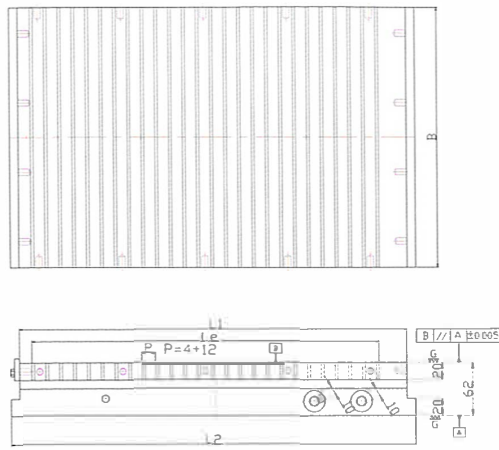
- Features:**
1. Strong magnetic force, increases 20% higher than standard type.
 2. Water-resistance property, enables to be used in liquid.
 3. Special magnetism construction won't magnetize the workpieces.
 4. Dual switches for chucks larger than 300mm in width.
 5. Improved transmission mechanism to increase the durability 2 times more.
 6. Monocoque body, ensures accuracy steady.
 7. Ferrite magnets adopted.
 8. Average magnetic force beyond 14kgf/cm².

Unit:mm

Model	Nominal Dimension	Top Plate			Pole Pitch P	Bottom Plate		Height H	Weight (kg)
		B	L ₁	L _e		L ₂	h		
HMT - 1018B	100 x 175	100	175	128	11.2 (1.6+2 +1.6+6)	195	13	65	8
HMT - 1030B	100 x 300		300	246		320			13
HMT - 1325B	125 x 250		125	250		196			270
HMT - 1515B	150 x 150	150	150	106		170			10
HMT - 1530B	150 x 300		300	246		320			19
HMT - 1535B	150 x 350		350	296		370			22
HMT - 1540B	150 x 400	150	400	346		420		26	
HMT - 1545B	150 x 450		450	396		470		29	
HMT - 2020B	200 x 200		200	150		220		17	
HMT - 2030B	200 x 300	200	300	246		320		26	
HMT - 2040B	200 x 400		400	346		420		34	
HMT - 2045B	200 x 450		450	390		470		38	
HMT - 2050B	200 x 500	200	500	446	520	43			
HMT - 2060B	200 x 600		600	446	620	51			
HMT - 2525B	250 x 250		250	250	196	270	27		
HMT - 2530B	250 x 300	300		246	320	32			
HMT - 2540B	250 x 400	400		346	420	43			
HMT - 2550B	250 x 500	250	500	446	520	53			
HMT - 3030B	300 x 300		300	246	320	44			
HMT - 3040B	300 x 400		300	400	346	420	59		
HMT - 3050B	300 x 500	500		446	520	74			
HMT - 3060B	300 x 600	600		543	620	88			
HMT - 3090B	300 x 900	300	900	834	920	132			
HMT - 4040B	400 x 400		400	400	346	420	79		
HMT - 4050B	400 x 500			500	446	520	98		
HMT - 4060B	400 x 600	600		543	620	117			
HMT - 4080B	400 x 800	400	800	733	820	156			
HMT - 40100B	400 x 1000		1000	935	1020	195			

HMT-C 大間距永磁夾盤

WIDE PITCH PERMANENT MAGNETIC CHUCK



用途：高精度銑削、研削作業，強力型永磁夾盤。

- 特性：
1. 防水性能佳、可在液中使用。
 2. 平均吸磁力15kg/cm²以上。
 3. 磁力分佈均勻，ON/OFF切換時，精度保持良好保證0.002mm以內。
 4. 300mm寬度以上機種為雙開關。
 5. 面板以銅焊結合處理、剛性佳、精度保持穩定。
 6. 鈹鐵鋁磁石應用。

Application:
For high precision milling and grinding machine, powerful permanent magnetic chuck.

- Features:
1. Excellent water resistant to allow whole chuck to be used in the liquid.
 2. Average magnetic force beyond 15kg/cm².
 3. Uniform holding power. The variation accuracy stays within 0.002mm when ON/OFF switching.
 4. Double switches for chucks larger than 300mm.
 5. The brazing top plate makes rigidity excellent and accuracy stable.
 6. NdFeB magnets adopted.

Unit:mm

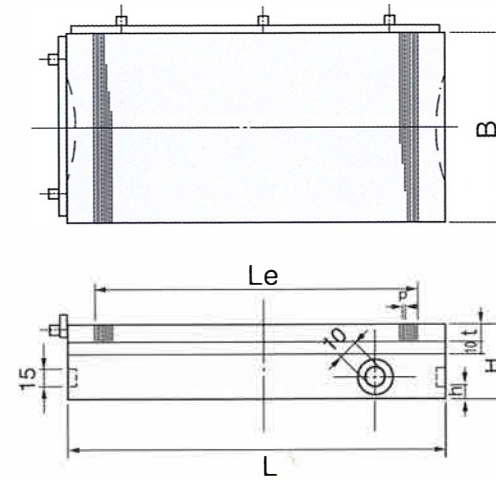
Model	Nominal Dimension	Top Plate		Pole Pitch P	Bottom Plate L2	Weight (Kg)	
		B	L1 Le				
HMT-2020C	200X200	200	200	16	220	19	
HMT-2040C	200X400		400		345	420	39
HMT-2045C	200X450		450		402	470	43
HMT-2050C	200X500		500		452	520	48
HMT-2525C	250X250		250		250	16	270
HMT-2550C	250X500	500		452	520		60
HMT-3030C	300X300	300		300	(4+12)		320
HMT-3040C	300X400		400	345		420	58
HMT-3050C	300X500		500	452		520	73
HMT-3060C	300X600		600	548		620	87
HMT-4040C	400X400		400	400		16	420
HMT-4050C	400X500	500		452	520		97
HMT-4060C	400X600	600		548	620		116

*規格外的產品，可接受訂製。

* Other specifications can be custom-made upon request.

HMTW-A 強力永磁細目夾盤

POWERFUL MICROPITCH PERMANENT MAGNETIC CHUCK



用途：適用於平面磨床。

- 特性：
1. ON/OFF切換時，磁力面之平面精度不變。
 2. 磁極間隔細密，磁力分佈均勻，適用於小型零件或薄形物件。
 3. 面板銅焊結合處理，可防止切削液腐蝕。
 4. 使用高性能磁石，具強磁力，殘留磁氣少。
 5. 精度高，變化小，符合高精度加工作業。
 6. 紅銅磁距面板。
 7. 300mm寬以上規格為雙開關。
 8. 防水性良好，可在液中使用。
 9. 鈹鐵鋁磁石應用。

Unit:mm

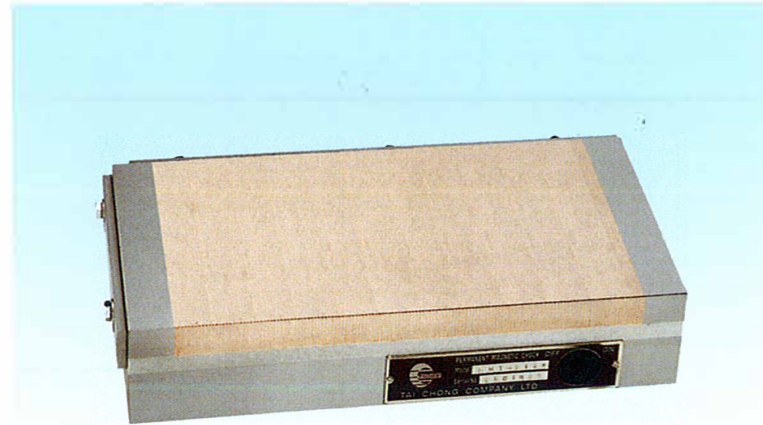
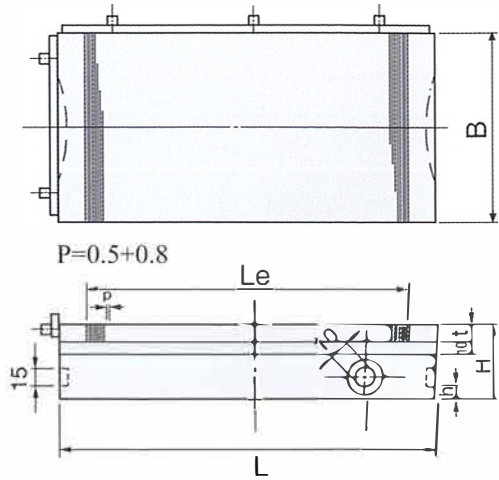
Model	Nominal Dimension	Top Plate		Pole Pitch P	Bottom Plate			Height H	Weight (kg)	
		B	L Le		B	L	h			
HMTW - 0813A	75 x 130	75	130	18	75	130	10	58	4.0	
HMTW - 0818A	75 x 175		175						125	5.5
HMTW - 0830A	75 x 300		300						246	9.0
HMTW - 1018A	100 x 175	100	175	125	100	175	52	52	7.0	
HMTW - 1325A	125 x 250	125	250	205	125	205			12.0	
HMTW - 1515A	150 x 150	150	150	110	150	300			12	58
HMTW - 1530A	150 x 300		300	246			20.0			
HMTW - 1535A	150 x 350		350	296			24.0			
HMTW - 1540A	150 x 400		400	346			27.5			
HMTW - 1545A	150 x 450		450	390			31.0			
HMTW - 2040A	200 x 400	200	400	346	200	400	20	58	37.0	
HMTW - 2045A	200 x 450		450	390					41.5	
HMTW - 2050A	200 x 500		500	446					46.0	
HMTW - 2525A	250 x 250	250	250	205	250	270	20	58	29.0	
HMTW - 2535A	250 x 350		350	296					40.5	
HMTW - 2540A	250 x 400		400	346					46.0	
HMTW - 2545A	250 x 450		450	390					52.0	
HMTW - 2550A	250 x 500		500	446					58.0	
HMTW - 2560A	250 x 600	600	546	69.0						
HMTW - 3030A	300 x 300	300	300	246	300	320	20	58	41.5	
HMTW - 3035A	300 x 350		350	296					48.5	
HMTW - 3040A	300 x 400		400	346					55.5	
HMTW - 3045A	300 x 450		450	390					62.5	
HMTW - 3050A	300 x 500		500	446					69.0	
HMTW - 3060A	300 x 600	600	546	83.0						
HMTW - 3090A	300 x 900	900	840	20	300	920	60	127.0		
HMTW - 1018AB	100 x 175	100	175	125	100	150	10	47	6.0	
HMTW - 1515AB	150 x 150		150	100					8.0	
HMTW - 1530AB	150 x 300		300	246					17.0	
HMTW - 1535AB	150 x 350	150	350	296	150	350	12	47	19.5	
HMTW - 1540AB	150 x 400		400	346					22.5	
HMTW - 1545AB	150 x 450		450	390					25.0	

Application:
Suitable for surface grinding machine.

- Features:
1. ON/OFF switching doesn't influence plate flatness.
 2. The fine-pitched magnetic poles make it ideally suitable for small and thin workpieces.
 3. Brazing treatment protects the top plate from coolant corrosion.
 4. Strong holding power, residual magnetism reduced.
 5. Specially designed for high precision operation.
 6. Copper pole pitch top plate.
 7. Dual switches for chucks larger than 300mm in width.
 8. Excellent water resistant, enables to be used in liquid.
 9. NdFeB magnets adopted.

HMTW-B 耐久型永磁細目夾盤

POWERFUL MICROPITCH PERMANENT MAGNETIC CHUCK



用途：適用於平面磨床、放電加工機、投影研磨機。

- 特性：
1. 300mm寬以上規格為雙開關。
 2. 使用高性能釹鈷磁石，保證磁石不氧化。
 3. ON-OFF扳動力，始終如一。
 4. 內部耐磨耗設計，持久耐用。
 5. ON-OFF切換，保證無精度變化。
 6. 面板以銅焊接處理，精度穩定。
 7. 防水性良好，可在液中使用。
 8. 釹鈷磁石應用。

Application:
Suitable for surface grinding machine, EDM, and projection of grinding machine.

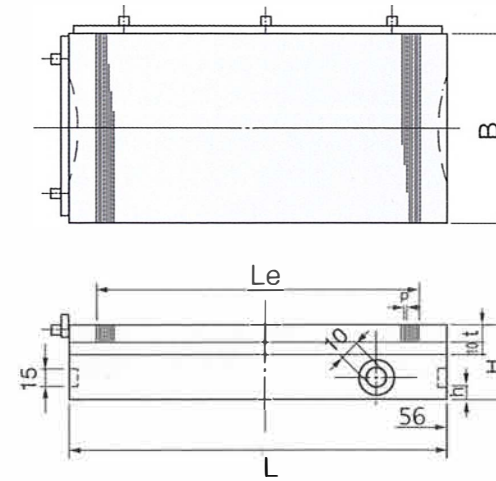
- Features:**
1. Dual switches for chucks larger than 300mm in width.
 2. High anti-rust, SmCo magnets adopted.
 3. Smoothly turning on/off magnetic force.
 4. The inner design ensures durability and abrasion resistant.
 5. No flatness deflection during ON/OFF switching.
 6. The brazing top plate secures the flatness.
 7. Excellent water resistant, enables to be used in liquid.
 8. SmCo magnets adopted.

Unit:mm

Model	Nominal Dimension	Top Plate			Pole Pitch P	Bottom Plate			Height H	Weight (kg)	
		B	L	Le		B	L	h			
HMTW - 0813B	75 x 130	75	130	85	1.3 (0.5+0.8)	75	130	10	52	4.0	
HMTW - 0818B	75 x 175		175	125			175			5.5	
HMTW - 0830B	75 x 300		300	246			300			9.0	
HMTW - 1018B	100 x 175	100	175	125		150	175	12		58	7.0
HMTW - 1325B	125 x 250		250	205			250				12.0
HMTW - 1515B	150 x 150	150	150	110		200	150	20		58	9.0
HMTW - 1530B	150 x 300		300	246			300				20.0
HMTW - 1535B	150 x 350		350	296			350				24.0
HMTW - 1540B	150 x 400		400	346			400				27.5
HMTW - 1545B	150 x 450		450	390			450				31.0
HMTW - 2040B	200 x 400		400	346	400		37.0				
HMTW - 2045B	200 x 450		450	390	450		41.5				
HMTW - 2050B	200 x 500		500	446	500		46.0				
HMTW - 2525B	250 x 250	250	250	205	250	270	20	60	29.0		
HMTW - 2535B	250 x 350		350	296		370			40.5		
HMTW - 2540B	250 x 400		400	346		420			46.0		
HMTW - 2545B	250 x 450		450	390		470			52.0		
HMTW - 2550B	250 x 500		500	446		520			58.0		
HMTW - 2560B	250 x 600		600	546		620			69.0		
HMTW - 3030B	300 x 300		300	246		320			41.5		
HMTW - 3035B	300 x 350		350	296		370			48.5		
HMTW - 3040B	300 x 400		400	346		420			55.5		
HMTW - 3045B	300 x 450		450	390		470			62.5		
HMTW - 3050B	300 x 500	500	446	520	69.0						
HMTW - 3060B	300 x 600	600	546	620	83.0						

HMSW 強力永磁細目夾盤

POWERFUL MICROPITCH PERMANENT MAGNETIC CHUCK



用途：適用於平面磨床。

- 特性：
1. ON/OFF切換時，磁力面之平面精度不變。
 2. 磁極間隔細密，磁力分佈均勻，適用於小型零件或薄形物件。
 3. 面板銅焊接處理，可延長切削液腐蝕。
 4. 使用高性能磁石，具強磁力，殘留磁氣少。
 5. 精度高，變化小，符合高精度加工作業。
 6. 不鏽鋼磁距面板。
 7. 防水性良好，可在液中使用。
 8. 釹鐵硼磁石應用。

Application:
Suitable for surface grinding machine.

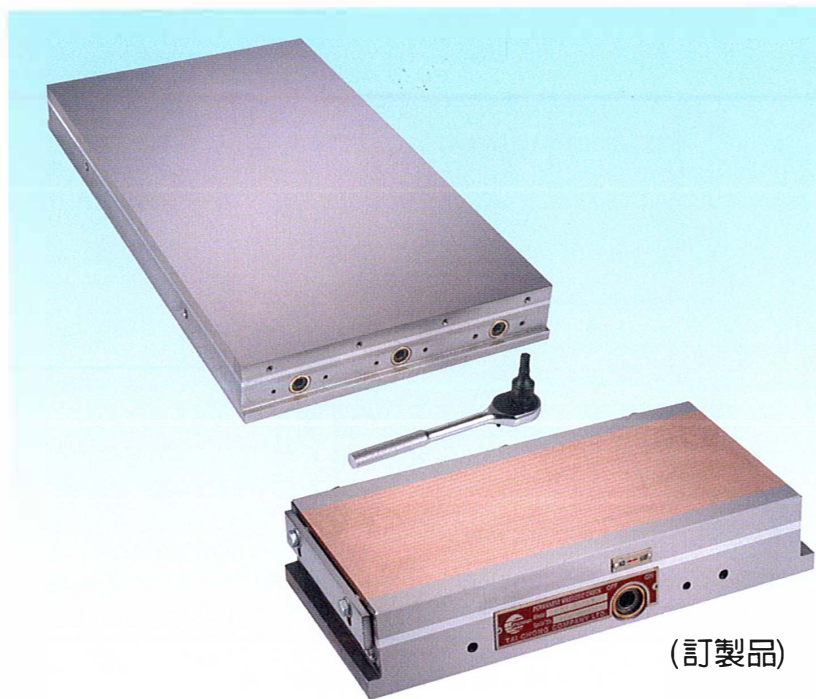
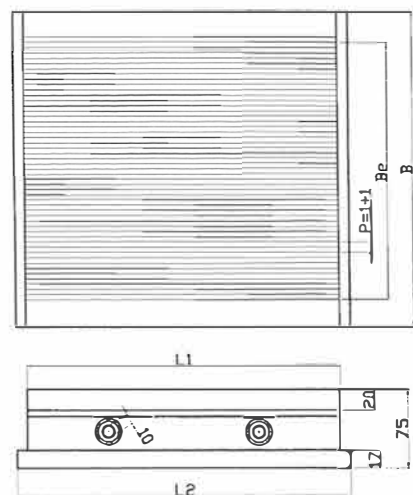
- Features:**
1. ON/OFF switching doesn't influence plate flatness.
 2. The fine-pitched magnetic poles make it ideally suitable for small and thin workpieces.
 3. Brazing treatment protects the top plate from coolant corrosion.
 4. Strong holding power, residual magnetism reduced.
 5. Specially designed for high precision operation.
 6. Stainless steel pole pitch adopted for the top plate.
 7. Excellent water resistant, enables to be used in liquid.
 8. NdFeB magnets adopted.

Unit:mm

Model	Nominal Dimension	Top Plate			Pole Pitch P	Bottom Plate			Height H	Weight (kg)	
		B	L	Le		B	L	h			
HMSW - 0813A	75 x 130	75	130	85	(不鏽鋼) stainless steel 1.4 (0.4+1)	75	130	10	58	4.0	
HMSW - 0818A	75 x 175		175	125			175			5.5	
HMSW - 0830A	75 x 300		300	246			300			9.0	
HMSW - 1018A	100 x 175	100	175	125		150	175	12		52	7.0
HMSW - 1325A	125 x 250		250	205			250				12.0
HMSW - 1515A	150 x 150	150	150	110		200	150	20		58	9.0
HMSW - 1530A	150 x 300		300	246			300				20.0
HMSW - 1535A	150 x 350		350	296			350				24.0
HMSW - 1540A	150 x 400		400	346			400				27.5
HMSW - 1545A	150 x 450		450	390			450				31.0
HMSW - 2040A	200 x 400		400	346	400		37.0				
HMSW - 2045A	200 x 450		450	390	450		41.5				
HMSW - 2050A	200 x 500		500	446	500		46.0				
HMSW - 2525A	250 x 250	250	250	205	250	270	20	60	29.0		
HMSW - 2535A	250 x 350		350	296		370			40.5		
HMSW - 2540A	250 x 400		400	346		420			46.0		
HMSW - 2545A	250 x 450		450	390		470			52.0		
HMSW - 2550A	250 x 500		500	446		520			58.0		
HMSW - 2560A	250 x 600		600	546		620			69.0		
HMSW - 3030A	300 x 300		300	246		320			41.5		
HMSW - 3035A	300 x 350		350	296		370			48.5		
HMSW - 3040A	300 x 400		400	346		420			55.5		
HMSW - 3045A	300 x 450		450	390		470			62.5		
HMSW - 3050A	300 x 500	500	446	520	69.0						
HMSW - 3060A	300 x 600	600	546	620	83.0						
HMSW - 3090A	300 x 900	900	840	920	127.0						
HMSW - 1018AB	100 x 175	100	175	125	(不鏽鋼) stainless steel 1.4 (0.4+1)	100	175	10	47	6.0	
HMSW - 1515AB	150 x 150		150	100			150			8.0	
HMSW - 1530AB	150 x 300		300	246			300			17.0	
HMSW - 1535AB	150 x 350		350	296			350			19.5	
HMSW - 1540AB	150 x 400	150	400	346		150	400	12		47	22.5
HMSW - 1545AB	150 x 450		450	390			450				25.0

HMT-WL 橫型細目永磁夾盤

HORIZONTAL MICROPITCH PERMANENT MAGNETIC CHUCK



(訂製品)

用途：CNC雕銑機專用磁盤。

- 特性：
- 1.針對0.3t以上厚度之藍帶鋼(K7)，能有效吸著，可並列使用，達到需求面積。
 - 2.前置型開關，並列時方便操作，ON-OFF360度旋轉可任意調整磁場強度。
 - 3.防水性能佳，面板以硬焊結合，精度保持穩定。
 - 4.鈹鐵鋁磁石應用。

Application:
CNC engraving/milling machine.

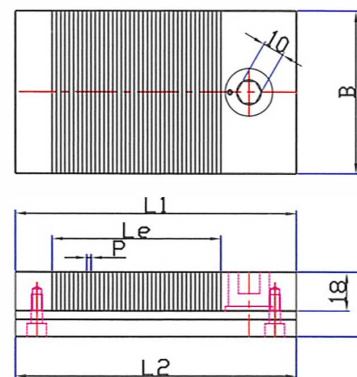
- Features:**
- 1.Effective to hold the blue belt steel (K7) sized thicker than 0.3mm, and can be set in array to required area.
 - 2.Forefront switches for easy operation, and magnetic force can be 360° adjusted.
 - 3.Excellent water-resistance, the brazing top plate, steady accuracy.
 - 4.NdFeB magnets adopted.

Unit:mm

Model	Nominal Dimension	Top Plate		Pole Pitch P	Bottom Plate		Weight (kg)
		B	Be		L1	L2	
HMT-1530 WL	150 x 300	150	110	2 (1+1)	300	320	25
HMT-3030 WL	300 x 300	300	250				50
HMT-3040 WL	300 x 400	400	350				67
HMT-3050 WL	300 x 500	500	450				84
HMT-3060 WL	300 x 600	600	550				100
HMT-3070 WL	300 x 700	700	650		117		
HMT-3090 WL	300 x 900	900	850		150		
HMT-30100 WL	300 x 1000	1000	950		167		
HMT-4040 WL	400 x 400	400	350		400	420	89
HMT-4050 WL	400 x 500	500	450				111
HMT-4060 WL	400 x 600	600	550	134			
HMT-4070 WL	400 x 700	700	650	155			
HMT-4080 WL	400 x 800	800	750	178			
HMT-40100 WL	400 x 1000	1000	950	223			

HMT-W HMS-W 超薄型永磁夾盤

SUPER THIN TYPE PERMANENT MAGNETIC CHUCK



用途：搭載型永磁吸盤，適用平面磨床，放電加工機、投影研磨機。

- 特性：
- 1.超薄型、重量輕，量產作業可輪替，增加效率50%。
 - 2.防水性良好，可在液中使用。
 - 3.鈹鐵鋁磁石應用。

Application:
New type of thin chuck, suitable for grinding machine, EDM and projection of grinding machine.

- Features:**
- 1.Thin & light design, easy to replace the chuck for mass production, and increasing efficiency by 50%.
 - 2.Excellent water resistant, enables to be used in liquid.
 - 3.NdFeB magnets adopted.

Unit:mm

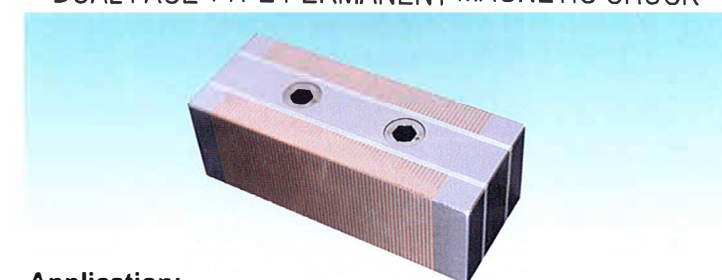
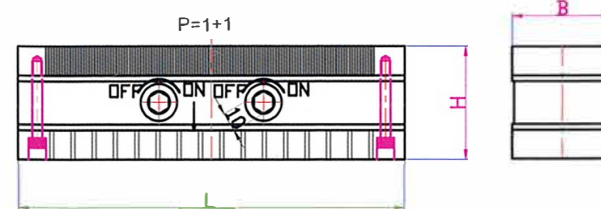
Model	Nominal Dimension	Top Plate			Pole Pitch P	Bottom Plate		Height H	Weight (Kg)
		B	L1	Le		L2	H		
HMT- 0713W	70 x 130	70	130	77	2 (1+1)	130	30	2.2	
HMT- 0718W	70 x 175		175	122		175		2.9	
HMT- 1020W	100 x 200		100	200		147		220	5.7
HMT- 1515W	150 x 150	150	150	97		150	36	6.4	
HMT- 1520W	150 x 200		200	147		220		8.5	
HMT- 1525W	150 x 250		250	197		270		10.6	
HMS- 0713W	70 x 130	70	130	77	1.4 (0.4+1)	130	30	2.2	
HMS- 0718W	70 x 175		175	122		175		2.9	

* HMT為紅銅磁距。HMS為不鏽鋼磁距。
* 本規格外之尺寸，歡迎訂製。

* HMT:Copper Pole Pitch. HMS:Stainless Pole Pitch.
* Other specifications can be custom-made upon request.

HMTW-2F 兩面吸著永磁夾盤

DUAL FACE TYPE PERMANENT MAGNETIC CHUCK



用途：搭載型永磁吸盤，適用平面磨床，放電加工機、品保檢驗量測應用。

- 特性：
- 1.重量輕，操作方便。
 - 2.防水性佳。
 - 3.可側面吸著。
 - 4.鈹鐵鋁磁石應用。

Application:
Suitable for surface grinding machine, EDM, and test & measurement application.

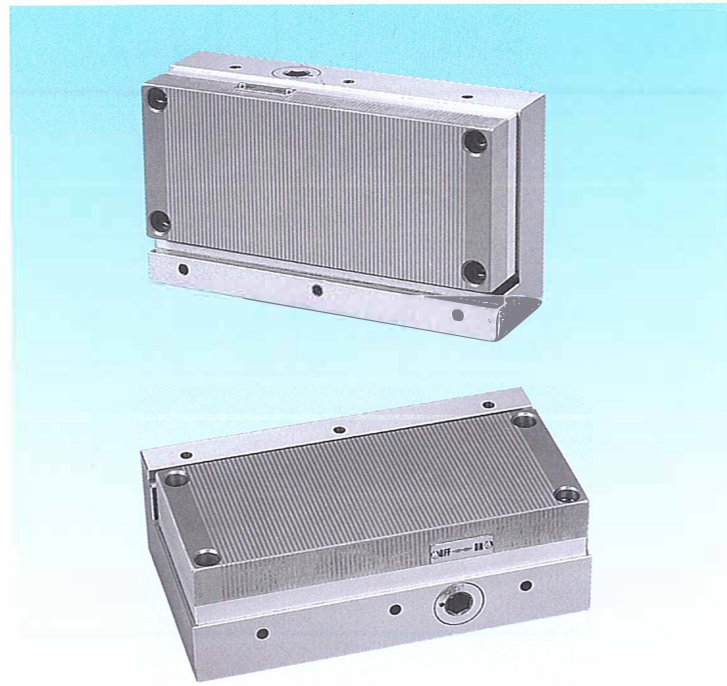
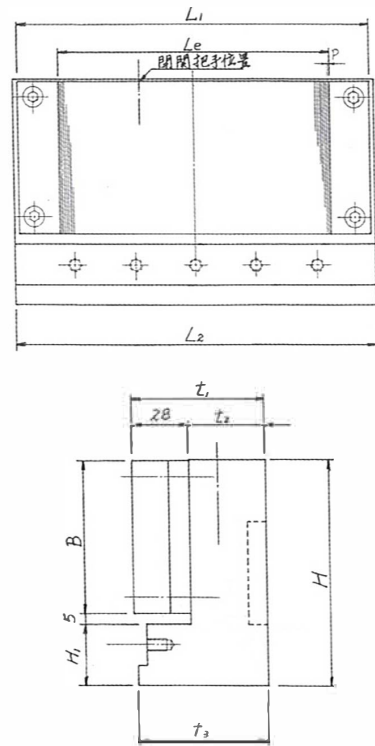
- Features:**
- 1.Light weight, easy operation.
 - 2.Excellent Water resistant.
 - 3.Not only the both sides, but also side faces can hold workpieces.
 - 4.NdFeB magnets adopted.

Unit:mm

Model	Nominal Dimension	Dimension			Weight Kg
		B	L	H	
HMTW-2F15	50x150	50	150	58	3.5
HMTW-2F20	50x200		200		4.7
HMTW-2F25	50x250		250		5.9

SMW 垂直型永磁夾盤

PERMANENT MAGNETIC CHUCK (VERTICAL TYPE)



用途：檢驗工件垂直度輔助，或保持垂直或水平方向設定後，以吸力保持其穩定性。平板四周90°研磨、輔助治具。

- 特性：
- 1.高精度六面加工、精度達0.002mm以內。
 - 2.SKD-11材質、HRC 56° 經過低溫回火。及深冷處理，精度恆久穩定。
 - 3.面板由銅焊接合處理，保證無空隙。
 - 4.ON-OFF精度保證不變化。
 - 5.耐磨耗設計，持久耐用。
 - 6.鈔鈷磁石應用。

Application:
Suitable for inspecting squareness workpiece or for keeping workpieces vertical/horizontal by magnetic force.

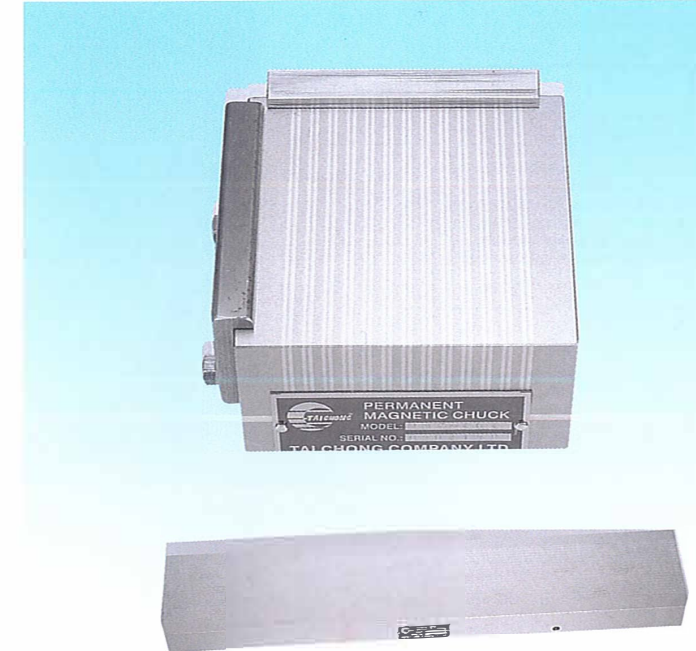
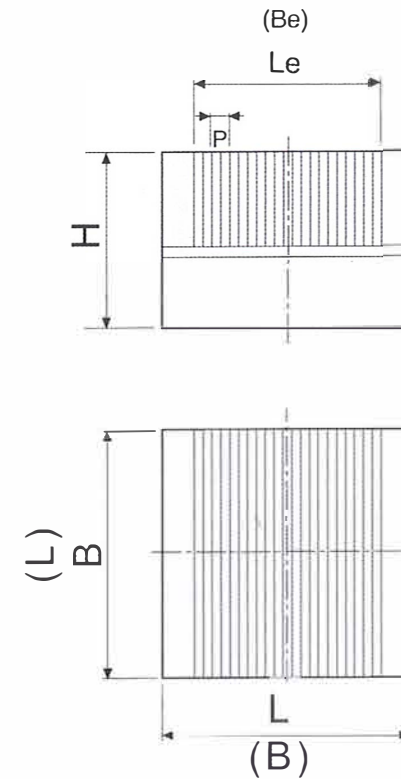
- Features:**
- 1.6 face ground at accuracy in 0.002mm.
 - Made up of HRC 56° SKD-11, with tempering and subzero treatment for keeping the accuracy stability.
 - The brazing top plate absolutely free from pin holes.
 - No distortion in turn ON/OFF process.
 - Excellent durability and abrasion resistant.
 - SmCo magnets adopted.

Unit:mm

Model	Nominal Dimension	Top Plate			Pole Pitch P	Bottom Plate		Thickness		Height		Weight (kg)
		B	L ₁	Le		L ₂	t ₃	t ₁	t ₂	H	H ₁	
SMW-0818	75 x 175	75	175	130	2 (1+1)	179	64	66	38	111	30	10
SMW-1018	100 x 175	100	175	130		179	78	68	40	140	30	13
SMW-1325	125 x 250	125	250	205		254	83	73	45	163	32	23

HMR 超硬合金用永磁夾盤

PERMANENT MAGNETIC CHUCK (FOR ALLOY MATERIAL)



用途：針對特殊合金鋼較難吸磁之金屬材料能達到吸著之效果。

- 特性：
- 1.面板以硬焊處理，保證精度穩定。
 - 2.強度達3500高斯以上，吸力超強。
 - 3.不鏽鋼面板，韌性高、耐磨耗不怕切削液侵蝕。
 - 4.無ON-OFF開關。
 - 5.鈔鐵錒磁石應用。

Application:
Most suitable for alloy or tungsten carbide material, and other metal materials hard to be held firmly.

- Features:**
- 1.The brazing top plate, ensures accuracy stable.
 - 2.Strong magnetic force beyond 3500 gauss.
 - 3.Stainless steel top plates, excellent rigidity and durability.
 - 4.No ON/OFF switch.
 - 5.NdFeB magnets adopted.

Unit:mm

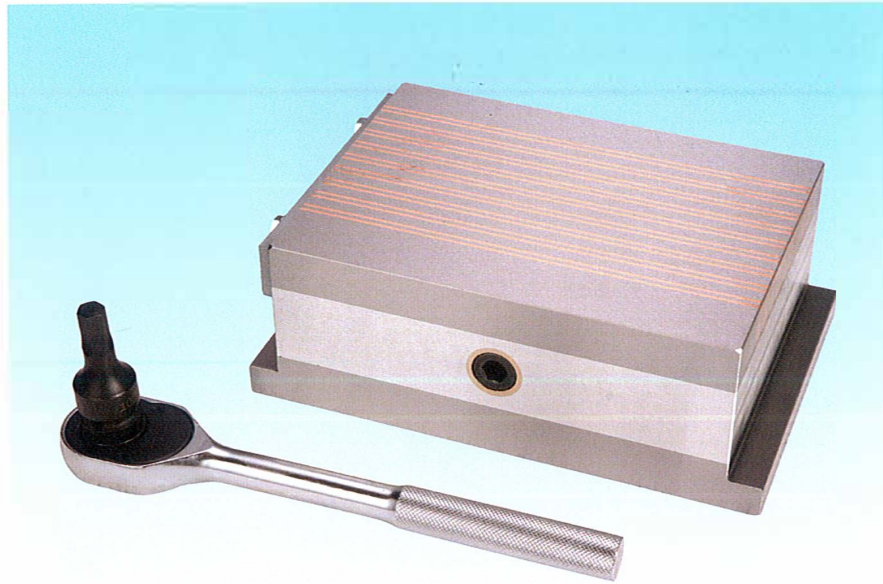
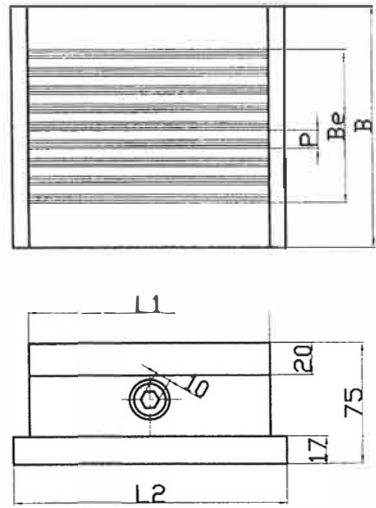
Model	Nominal Dimension	Top Plate			Pole Pitch P	Height H	Weight (kg)
		B	L	Le(Be)			
HMR-1010	105 x 105	105	105	69	6 (1+1+1+3)	60	5.2
HMR-1018	105 x 180		180	145			9.0
HMR-1020L	105 x 200		200	(69)			9.5
HMR-1530	150 x 300	150	300	266			21.0
HMR-1530L	150 x 300		300	(114)			21.0

*本規格外之尺寸，歡迎訂製。

* Other specifications can be custom-made upon request.

HMTR-L 鎢鋼用永磁夾盤

SUPER POWERFUL PERMANENT MAGNETIC CHUCK
(FOR ALLOY MATERIAL)



用途：針對特殊合金鋼，弱磁反應之金屬，能達到吸磁效果。

- 特性：
1. 開關式磁盤，ON/OFF須旋轉360度。
 2. 吸力超強，磁場強度可達3000高斯以上，針對特殊鋼能有效吸著。
 3. 面板以硬焊結合，精度保持穩定。
 4. 釹鐵硼磁石應用。

Application:
For alloy or tungsten carbide material, and other metal materials hard to be held.

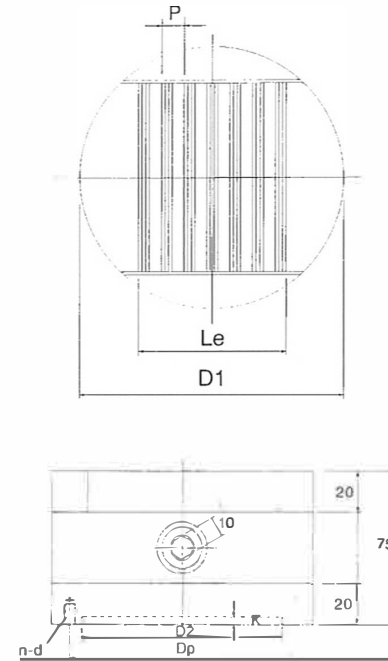
- Features:**
1. ON/OFF switch should be turned by 360° from OFF to full ON
 2. Strong magnetic force beyond 3000 gauss, holding alloy material firmly.
 3. The brazing top plate, ensures accuracy steady.
 4. NdFeB magnets adopted.

Unit:mm

Model	Nominal Dimension	Top Plate		Pole Pitch P	Bottom Plate		Height H
		B	Be		L ₁	L ₂	
HMTR-1010L	105 x 105	105	50.0	11.2 (1.6+2+ 1.6+6)	105	125	85
HMTR-1313L	125 x 125	125	72.4		125	145	85
HMTR-1320L	125 x 200	125	72.4		200	220	85
HMTR-1515L	150 x 150	150	94.8		150	170	75
HMTR-1520L	150 x 200	150	94.8		200	220	75

HMTR 鎢鋼用圓型永磁夾盤

POWERFUL CIRCULAR TYPE PERMANENT MAGNETIC CHUCK
(FOR ALLOY MATERIAL)



用途：適用於車床，CNC第四軸，內外徑磨床加工。

- 特性：
1. 針對研磨作業，車削作業所設計之超強力型磁盤，較一般磁盤增加三倍吸力，針對特殊鋼能有效吸著。
 2. 特殊傳動機構，ON-OFF，精度保持，效果好。
 3. 扳手360°旋轉。
 4. 釹鐵硼磁石應用。

Application:
For alloy or tungsten carbide material, and other metal materials hard to be held. Suitable for lathe machine, CNC (4th Axis), inner/outer grinding machining.

- Features:**
1. Specifically designed for grinding operation, the magnetic force can be 3 times higher than the standard type and effective for the special alloy material applications.
 2. Special transmission mechanism, with ON-OFF switch, keeps accuracy steady.
 3. Taking a 360° turn from OFF to full ON.
 4. NdFeB magnets adopted.

Unit:mm

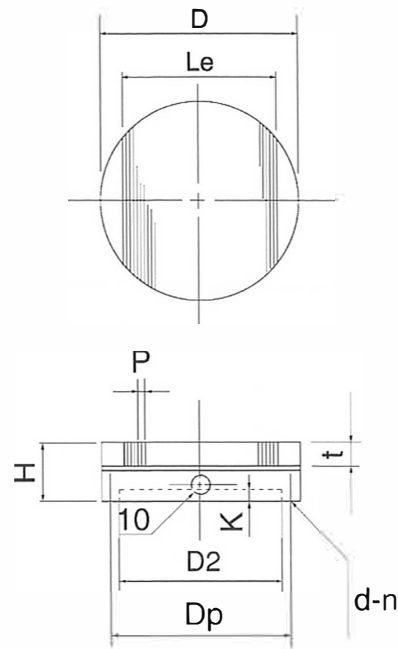
Model	Nominal Dimension	Top Plate		Pole Pitch P	Bottom Plate				Weight (kg)
		D	Le		D2	K	Dp	n-d	
HMTR-13	Ø130	130	78	11.2 (1.6+2+ 1.6+6)	100	4	112	4xM6	6.5
HMTR-16	Ø160	160	100		125		140	4xM8	9.8
HMTR-20	Ø200	200	128		160		180	4xM8	15.0

HRW 圓型細目永磁夾盤

ROUND FINE POLE PERMANENT MAGNETIC CHUCK

HRC 圓型粗目永磁夾盤

ROUND PERMANENT MAGNETIC CHUCK



用途：裝設於迴轉磨床上操作使用。

- 特性：
1. 可作較小及薄的工件之精密研磨，為目前較進步及受用之產品。
 2. 殘留磁性低。
 3. 可自由調整磁力強弱。
 4. 耐磨耗設計，持久耐用。
 5. 防水性良好，可在液中使用。
 6. $\phi 400$ 以上為雙開關。
 7. 鈔銼磁石應用。

Application:
Suitable for rotary grinders.

- Features:**
1. Suitable for grinding thin and small workpieces.
 2. Comparably low residual magnetism.
 3. The magnetic force can be adjusted easily.
 4. Durability and abrasion resistant.
 5. Excellent water resistant, enables to be used in liquid.
 6. Dual switches for chucks larger than $\phi 400$.
 7. SmCo magnets adopted.

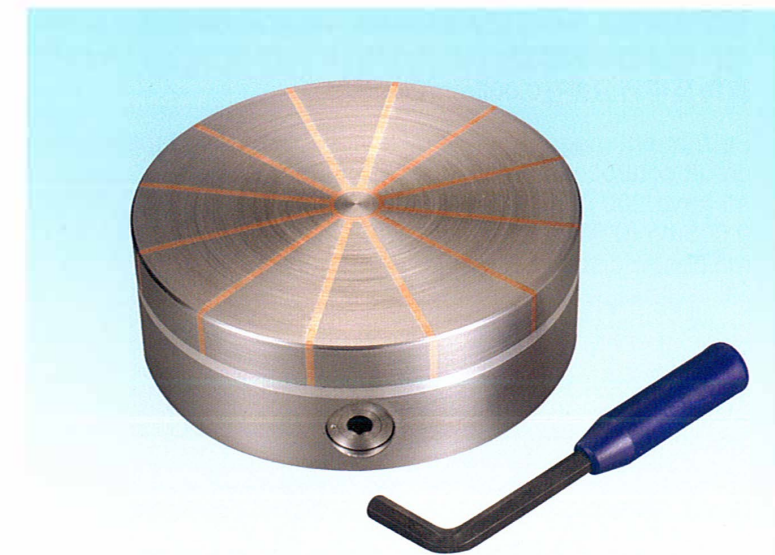
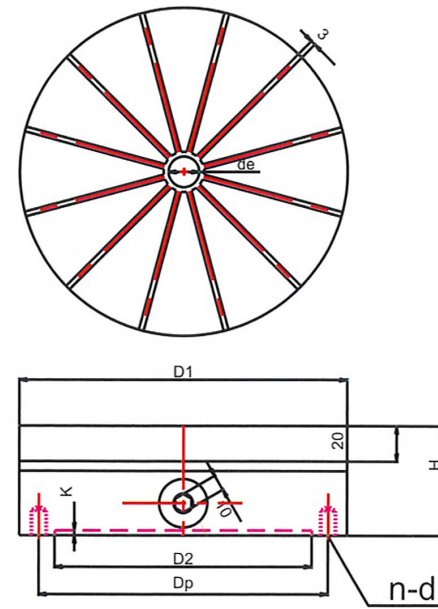
Unit:mm

Model	Nominal Dimension	Top Plate			Pole Pitch	Bottom Plate					Height	Weight (kg)						
		D	Le	t		D2	K	Dp	n	d								
HRW - 10	$\phi 100$	100	67	18	60	2	76	3	M6	58	3.7							
HRW - 13	$\phi 125$	125	80		80		2					112	4	M8				
HRW - 16	$\phi 160$	160	115		125							4			140	M10		
HRW - 20	$\phi 200$	200	155		160										8		180	M12
HRW - 25	$\phi 250$	250	205		200												4	
HRW - 30	$\phi 300$	300	255		230	4		260	M10									
HRW - 36	$\phi 360$	360	300		280		4	320					M10					
HRW - 40	$\phi 400$	400	340		315			4				355		M10				
HRW - 50	$\phi 500$	500	440		350							8			400	M12		
HRW - 60	$\phi 600$	600	540		450										8		500	M12

Model	Nominal Dimension	Top Plate			Pole Pitch	Bottom Plate					Height	Weight (kg)						
		D	Le	t		D2	K	Dp	n	d								
HRC - 13	$\phi 125$	125	80	18	60	2	112	3	M6	58	6.2							
HRC - 16	$\phi 160$	160	115		125		2					140	4	M8				
HRC - 20	$\phi 200$	200	155		160							4			180	M10		
HRC - 25	$\phi 250$	250	205		200										4		224	M10
HRC - 30	$\phi 300$	300	255		230												4	
HRC - 36	$\phi 360$	360	300		280	4		320	M10									
HRC - 40	$\phi 400$	400	340		315		4	355					M10					
HRC - 50	$\phi 500$	500	440		350			8				400		M12				
HRC - 60	$\phi 600$	600	540		450							8			500	M12		

HRC-S 強力圓型星目永磁夾盤

ROUND STAR-POLE TYPE PERMANENT MAGNETIC CHUCK



用途：適用於車床、圓筒磨床、旋轉磨床等工作母機，研削及車削等加工作業。

- 特性：
1. 吸力平均，無弱磁點、精度穩定，保證不變形量。
 2. 耐磨耗設計，持久耐用。可任意調整磁場強度。
 3. 防水性良好，可在液中使用。
 4. 鈔銼磁石應用。

Application:
Suitable for light duty milling and grinding on lathe, rotary grinding and cylindrical grinding machine.

- Features:**
1. High uniform attraction, steady accuracy, no transformation.
 2. Excellent durability and abrasion resistant. The magnetic force is adjustable by angles.
 3. Excellent water resistant, enables to be used in liquid.
 4. SmCo magnets adopted.

Unit:mm

Model	Nominal Dimension	Top Plate		No. of Poles	Bottom Plate				Height	Weight (Kg)	
		D1	de		D2	K	n	d			Dp
HRC-10S	$\phi 104$	104	16	8	63	4	M6	4	80	65	4.2
HRC-13S	$\phi 130$	130			12				80		
HRC-16S	$\phi 162$	162		16					125		
HRC-20S	$\phi 202$	202			16				160		
HRC-25S	$\phi 250$	250		19					200		
HRC-32S	$\phi 320$	320			18				250		
HRC-36S	$\phi 360$	360		24					280		
HRC-40S	$\phi 400$	400			30				315		
HRC-50S	$\phi 500$	500		36					400		

*本規格外之尺寸，歡迎訂製。

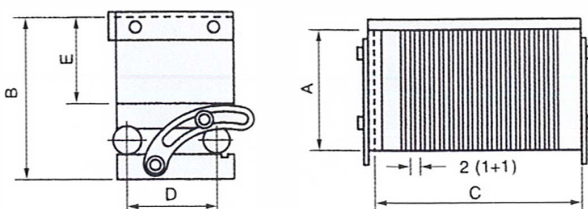
*Other specifications can be custom-made upon request.

HMT-D 簡式細目正弦磁台

ECONOMY SINE PLATE WITH FINE MAGNETIC CHUCK

永久式的磁盤，以手把開動ON/OFF開關作為開/關之控制。
可作精確的角度調整。
直角及平行公差在0.005mm以內。

Permanent magnetic chuck. Removable handle for positive on/off control. side rails, end rails all included.
All have 200 minute angle steps with 0.005mm(0.0002")tolerance in squareness, parallelism and roll center distances.



Unit:mm

Model	A	B	C	D	E	Weight (kg)
HMT - D1018S	100	86	175	75	47	11.5
HMT - D1515S	150	86	150	100	58	14.0
HMT - D1530S	150	86	300	100	58	28.0

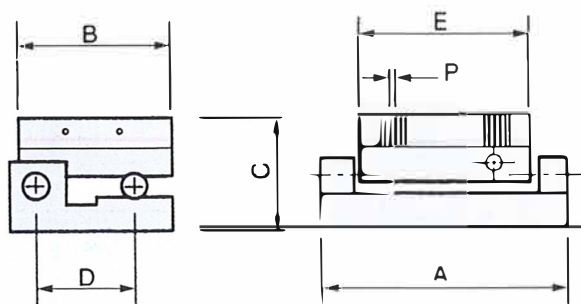


HMT-M 一體超薄正弦磁台

SINE PLATE WITH FINE MAGNETIC CHUCK

· 一體式正弦磁台是操作簡易而且精度極高的工具。
· 磁盤銅距僅1mm可黏吸細小之工作物。

Special feature with magnetic chuck:
Can fix tiny parts firmly on the chuck which pitch is only 1mm.



Unit:mm

Model	A	B	C	D	E	P	Angle	Weight (kg)
HMT - M1018S	225	102	87	75	175	2 (1+1)	0° ~ 60°	11.5
HMT - M1515S	200	152	87	100	150			14.8
HMT - M1530S	350	152	87	100	300			28.0

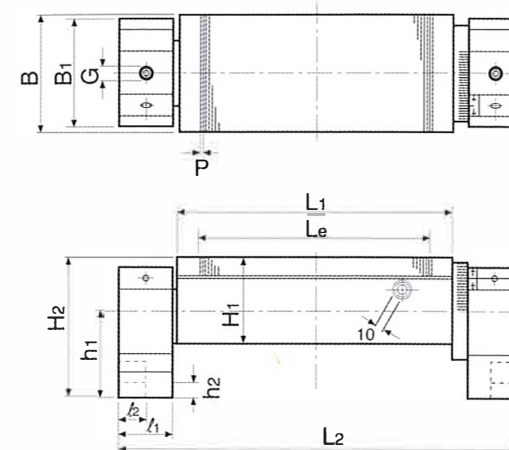


HMT-U 迴轉型永磁夾盤

ROTARY PERMANENT MAGNETIC CHUCK

HMT-UW 迴轉微距型永磁夾盤

ROTARY MICROPITCH PERMANENT MAGNETIC CHUCK



用途：適用於研磨床之角度研磨。

特性：1.旋轉主軸上附有刻劃，易於作各種角度的研磨。
2.本體與旋轉主軸為一體成型。
3.ON/OFF切換時平面精度不變。
4.雙磁距設計可使用於厚、薄、大、小，不同加工物使用。

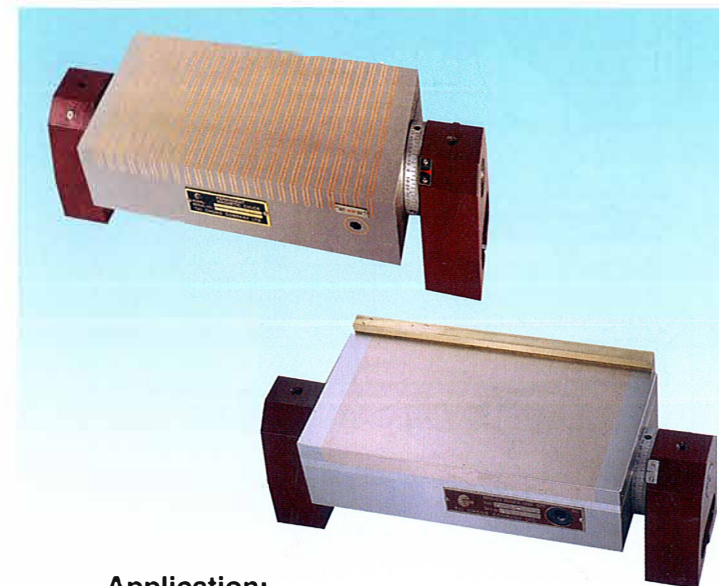
Unit:mm

Model	Nominal Dimension	Chuck Dimension				Pole Pitch P	Length L ₂	Rotary Base					Height H ₂	Weight (kg)	
		B	L ₁	L _e	H ₁			B ₁	l ₁	l ₂	G	h ₁			h ₂
HMT - 1018U	100 x 175	100	175	125	78	11.2 (1.6 + 2 + 1.6 + 6)	293	100	50	25	14	103	50	145	17.0
HMT - 1325U	125 x 250	125	250	200			368								24.0
HMT - 1530U	150 x 300	300	246	418			30.0								
HMT - 1535U	150 x 350	150	350	296			468								33.5
HMT - 1545U	150 x 450	450	396	568			40.2								

Model	Nominal Dimension	Chuck Dimension				Pole Pitch P	Length L ₂	Rotary Base					Height H ₂	Weight (kg)	
		B	L ₁	L _e	H ₁			B ₁	l ₁	l ₂	G	h ₁			h ₂
HMT - 1018UW	100 x 175	100	175	125	78	2 (1+1)	293	100	50	25	14	103	50	145	21.5
HMT - 1325UW	125 x 250	125	250	200			368								31.0
HMT - 1530UW	150 x 300	300	246	418			39.0								
HMT - 1535UW	150 x 350	150	350	296			468								44.0
HMT - 1545UW	150 x 450	450	396	568			54.0								

*規格外之產品，可接受訂製。

*Other specifications can be custom-made upon request.



Application:

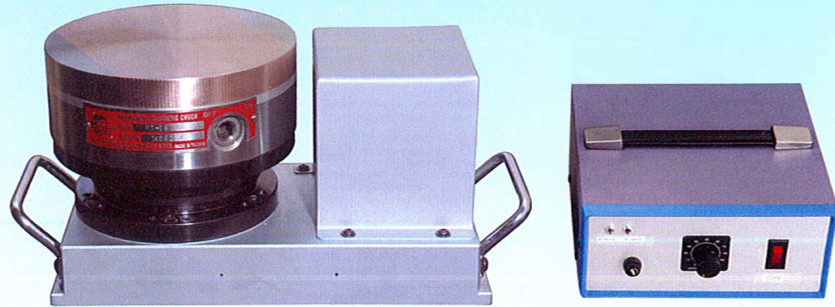
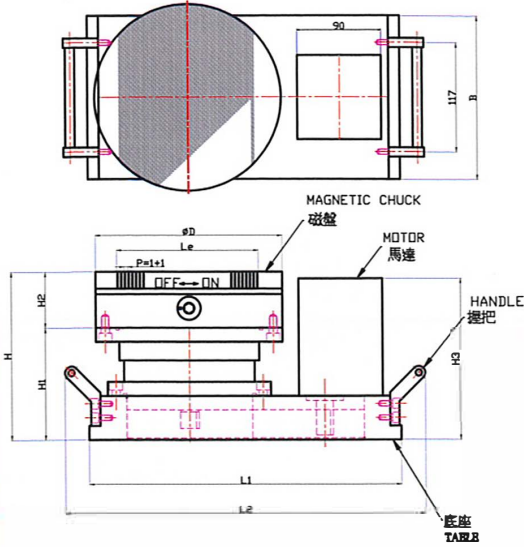
Suitable for angle grinding on grinder.

Features:

1. Rotary shaft with graduation makes it easy to grind at any angle.
2. Integrated molding of machine body and rotary spindle.
3. Unchanged surface accuracy during ON/OFF changeover.
4. Dual pole pitch type is applicable to machine workpieces in a wide range of thickness and dimension.

RT- 搭載型旋轉台

CIRCULAR MAGNETIC CHUCK ON TURNTABLE



用途：旋轉台能搭載於平面磨床，供旋轉研磨使用。

- 特性：1.圓周旋轉精度±0.002mm。
2.平面精度φ300mm範圍在公差0.002mm以內。
3.旋轉速度範圍20~125rpm/min。

Application:
For rotary grinding, mounted on surface grinding machine.

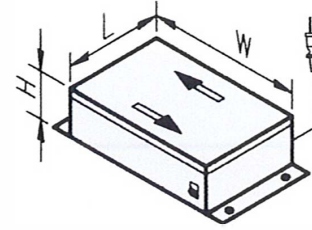
- Features:
1.Deflection ±0.002mm.
2.Flatness accuracy, tolerance within 0.002mm on range φ300mm.
3.Rotary range 20~125rpm/min.

Unit:mm

Mode	Top Plate			Power Source		Dimension					Weight (Kg)	Torque (kg-cm)
	φD	Le	H2	Voltage	Power	B	L1	L2	H1	H3		
RT-16	φ160	115	58	1Phase AC	120W	175	335	387	122	180	28	4
RT-20	φ200	155										
RT-25	φ250	205	63	110V/220V	200W	250	530	462	137	183	64	8
RT-30	φ300	255										
RT-36	φ360	300									142	
RT-40	φ400	340									155	

HD-180 平面型脫磁器

PLATE TYPE DEMAGNETIZER



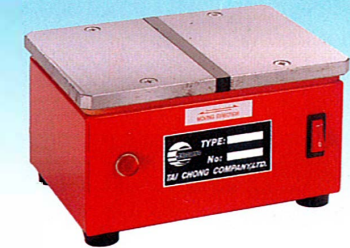
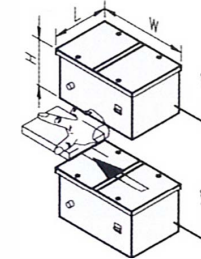
- 特性：1.適用零組件、配件、工具等工件，固定方式脫磁使用。
2.使用20分鐘後，須休息20分鐘方可繼續使用。
3.自動溫度、保護溫度達設定時，自動切斷電源，待溫度下降後，自動恢復使用。

- Features:
1.Suitable for general component spare parts, attachments, tools, etc. For fixed way demagnetization.
2.Power on for 20 minutes and pausing for 20 minutes.
3.Automatic Temperature Protection: When temperature reaches to the setting point, the power will be off automatically, and then it will restart automatically to work.

Model	Power Source	Capacity	Duty Cycle	Dimension			Weight (kg)
				L	W	H	
HD - 180	AC 110 / 220V	220VA	50 %	127	180	90	4

HD-200 標準型脫磁器

STANDARD TYPE DEMAGNETIZER



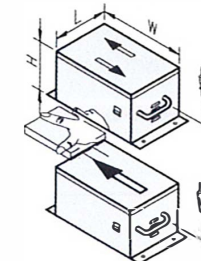
- 特性：1.適用零組件、配件、工具等工件，固定方式脫磁使用。
2.可長時間連續使用。
3.內部雙線圈設計，不產生發熱情形。

- Features:
1.Suitable for general component spare parts, attachments, tools, etc. For fixed way demagnetization.
2.Suitable for long-time using.
3.With the design of dual coils inside to avoid heat accumulation.

Model	Power Source	Capacity	Duty Cycle	Dimension			Weight (kg)
				L	W	H	
HD - 200	AC 110 / 220V	330VA	100%	150	200	100	8.5

HD-280 強力型脫磁器

POWERFUL TYPE DEMAGNETIZER



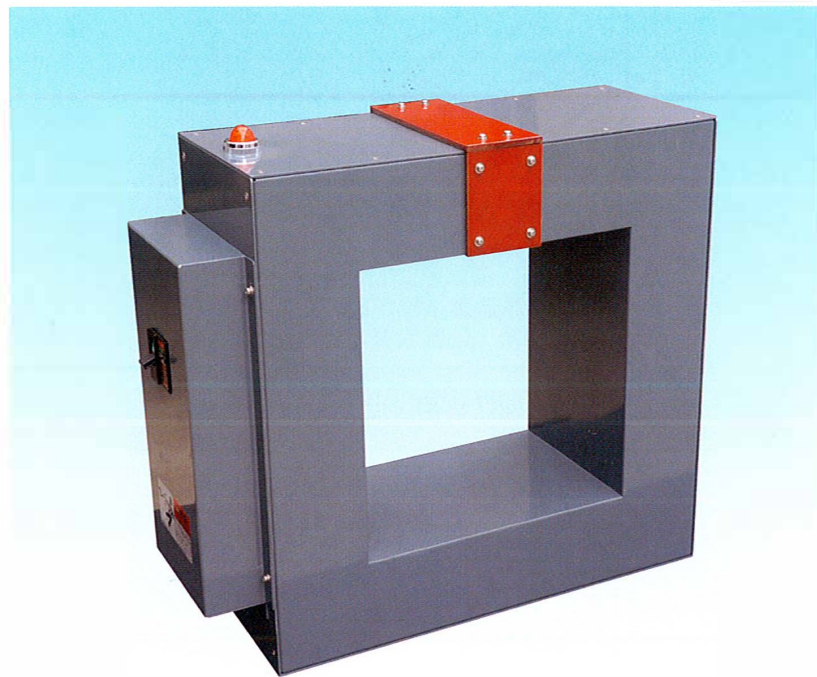
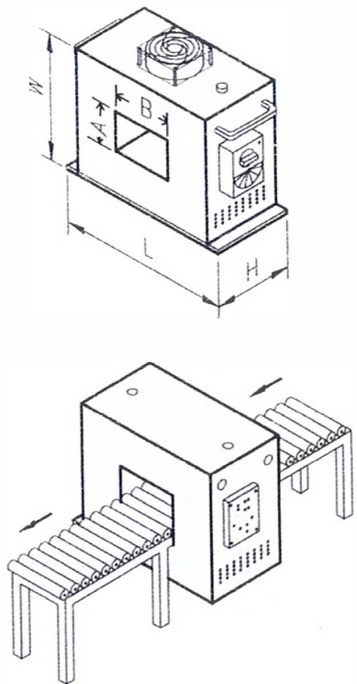
- 特性：1.適用零組件、配件、工具等工件，量產時固定方式脫磁使用。
2.可長時間連續使用。
3.可配合輸送帶作自動化脫磁流程工作。
4.脫磁面積大，脫磁效果強。
5.內附散熱風扇。
6.特殊規格，可依客戶要求定製。

- Features:
1.Suitable for mass production of component spare parts, attachments, tools, etc. For fixed way demagnetization.
2.Suitable for long-time using.
3.Adapted for delivery belts to proceed automatic demagnetization.
4.A wide demagnetized area and demagnetizing effectively.
5.Attached a fan inside for dissipating heat.
6.Special specifications will be made to meet customers' requirements.

Model	Power Source	Capacity	Duty Cycle	Dimension			Weight (kg)
				L	W	H	
HD - 280	AC 110 / 220V	550VA	100 %	200	280	130	15

HD 隧道型脫磁器／充磁器

TUNNEL TYPE DEMAGNETIZER/MAGNETIZER



特性：

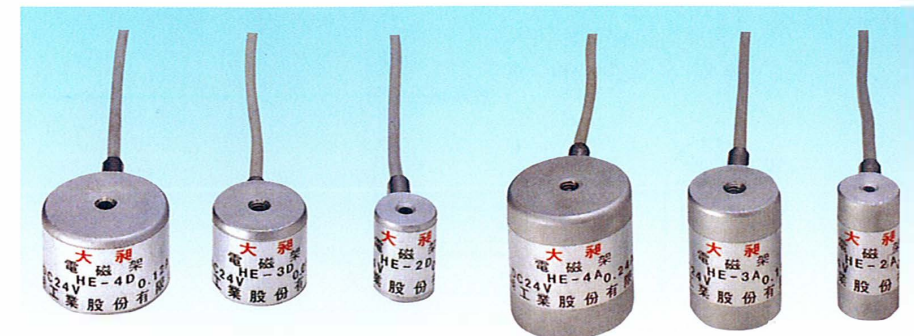
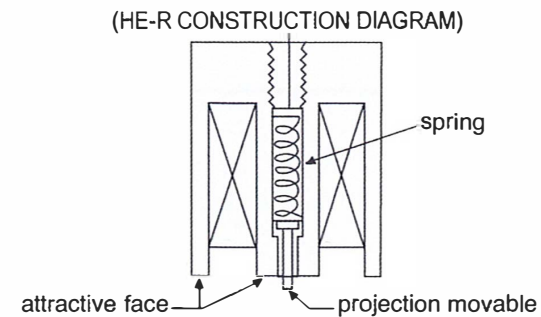
1. 脫磁、充磁能力超強，各種金屬材質皆能有效充／脫磁。
2. 工件只要從隧道內孔通過或移動，就有強力效果。
3. 適合規劃自動化流程，配合非導磁體輸送帶工作，提高工作效率。
4. 可連續長時間使用。
5. 適合零組件、配件、工具等產品脫磁／充磁。
6. 內附散熱風扇。
7. 特殊規格可依客戶要求訂製。

Features:

1. Great efficiency in demagnetizing and magnetizing; suitable for any kinds of metals.
2. Merely using tools to pass through or move into a tunnel will cause a good effect.
3. Suitable for planned automatic process; adapted for delivery belts to proceed in order to increase productivity.
4. Suitable for long-time using.
5. Suitable for demagnetizing/magnetizing component spare parts, attachments, tools...etc.
6. Attached a fan inside for dissipating heat.
7. Special specifications will be made to meet customer's requirements.

HE-A 電磁架

ELECTROMAGNETIC HOLDER



用途：自動沖床材料輸送專用，此種的機種是輸送材料可防止重疊發生。各種自動化機器及工業機械手可使用。

特性：電磁架磁力一吸 ON 一放 OFF 方便，大小可任意選用之。

Application:

Suitable for material delivery of automatic press to prevent material from overlapping. It's also used for various automatic processes and industrial robots.

Features:

Magnetic force ON (attraction) / OFF (release) can be conveniently turned as per your request.

ELECTROMAGNETIC HOLDER HE-A

Unit:mm

Model	Dimension	Max.Attraction	Rear Center Hole	Voltage (VDC)	Current (A)	Applicable Rectifier	Weight (g)
HE - 2A	Ø 20 x 40	28N(2.8Kgf)	M4x0.7深6	24	0.09	HES - 102T	50
HE - 3A	Ø 30 x 40	200N(20Kgf)	M6x1.0深12		0.11		150
HE - 4A	Ø 40 x 40	300N(30Kgf)	M8x1.25深15		0.25		300
HE - 5A	Ø 50 x 50	600N(60Kgf)		M10x1.5深15	0.21	560	
HE - 6A	Ø 60 x 50	1200N(120Kgf)	0.38		1000		
HE - 7A	Ø 70 x 60	1300N(130Kgf)	0.45		1400		
HE - 8A	Ø 80 x 60	2400N(240Kgf)	0.62		1700		
HE - 9A	Ø 90 x 60	3300N(330Kgf)	0.80		2200		

ELECTROMAGNETIC HOLDER HE-D

Unit:mm

Model	Dimension	Max.Attraction	Rear Center Hole	Voltage (VDC)	Current (A)	Applicable Rectifier	Weight (g)
HE - 2D	Ø 20 x 25	18N(1.8Kgf)	M4深8	24	0.07	HES - 102T	30
HE - 3D	Ø 30 x 25	80N(8Kgf)	M6深12		0.44		100
HE - 4D	Ø 40 x 25	220N(22Kgf)			0.37		190

HEP-C 電永磁架

ELECTRO-PERMANENT MAGNETIC HOLDER

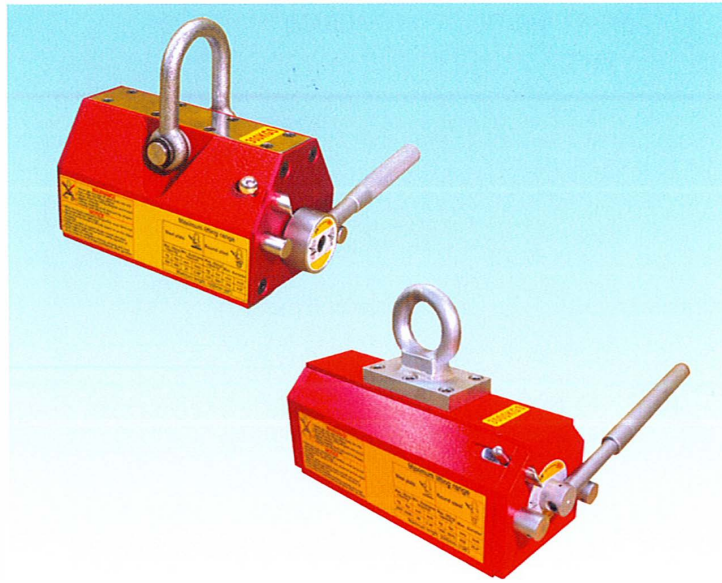
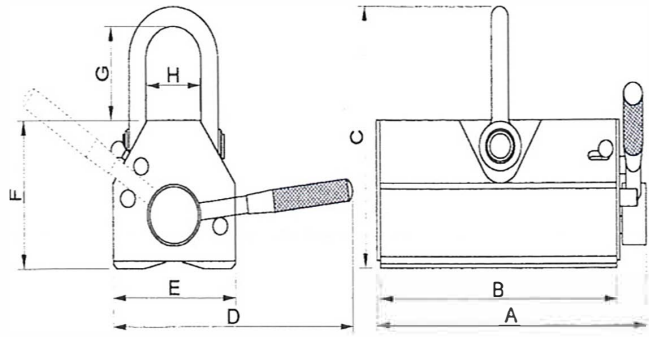
特性：1. 平時為吸磁狀態，通電時為脫磁狀態。
2. 節省能源，無溫度變化。

Features:

1. Power ON, the magnetic OFF. Power OFF, the magnetic ON.
2. Energy saving, no temperature rise.

EPL 永久吊重磁盤

PERMANENT MAGNETIC LIFTER (ON/OFF TYPE)



用途：對於倉庫及工作場內鐵板的搬運，或者工作機械中對平台治具裝卸於設備上等，具有吊掛保持之功能，永磁式的吸著工具。適用於機械零件部品，平面半製品或者鐵板的搬運

- 特性：
1. 體積小，磁力強，且操作輕巧。
 2. 內部切換構造，對於吊上物的吸著面不會發生刮傷。
 3. 可將數個連結配合使用，安全，工作效率高。
 4. 永久性磁鐵製造，永不退磁，不需電力，避免斷電危險及連接電線之麻煩。
 5. 工件溫度不可超過60°C。

Application:

The ever-lasting magnetic tool, is able to move steel plates in the warehouse or to install/disassemble surface clamp device inside the working machine. Suitable for moving machine components, semi-manufactured goods or steel plates.

Features:

1. Small size, strong magnetic force, and easy to operate.
2. Due to inner switching structure, no scrape damage on the adhesive surface of workpieces.
3. Several sets can be used together, safe and efficient.
4. Made of permanent magnets inside, no power needed, avoiding danger of power outage.
5. Workpiece temperature should be under 60°C.

Unit:mm

Model	Lifting Capacity	A	B	C	D	E	F	G	H	Weight (kg)	Safe Coefficient
EPL-10	100kg	107	84	120	125	60	71	41	30	2.5	× 3 times
EPL-30	300kg	180	155	156	185	90	93	51	41	8.6	
EPL-60	600kg	255	224	212	260	115	120	77	52	21	
EPL-100	1000kg	280	245	286	371	165	169	97	87	46	
EPL-200	2000kg	422	380	348	512	216	215	105	121	118	
EPL-300	3000kg	566	530	400	770	216	222	147	80	181	

吊重負載

本磁性吊重磁盤之吊重負載會因下列因素改變其負載能力：鋼材厚度、平面之粗糙度、材質種類及磁盤與鋼材是否清理乾淨。（請參考下列圖表及換算公式）

Lifting Capacity

Lifting capacity depends on some factors of workpieces, such as thickness, surface roughness, material, and if workpieces and lifters are clear enough. (Please see graphs as follows)

負載能力及鋼材厚度換算表

Chart of Lifting Capacity & Thickness Unit:mm

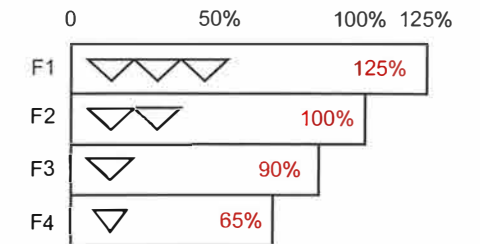
Thickness of Workpiece	Ratio of Lifting Capacity						
	EPL-300	EPL-200	EPL-100	EPL-60	EPL-30	EPL-10	
T1 60 up	100%						
T2 55	95%	100%					
T3 50	90%	95%	100%				
T4 45	85%	90%		100%			
T5 40	80%	85%			100%		
T6 35	70%	75%	90%			100%	
T7 30	60%	65%	80%				
T8 25	50%	55%	70%	90%			
T9 20	40%	45%	60%	75%	90%		
T10 15	30%	35%	50%	60%	70%		
T11 10	20%	25%	35%	45%	50%	70%	
T12 5	10%	15%	20%	25%	30%	40%	

* 吊重範圍換算公式(Conversion formula for Range of Lifting Capacity)

→ T x F x M x 磁盤之吊重能力 (Lifting Capacity of lifter)

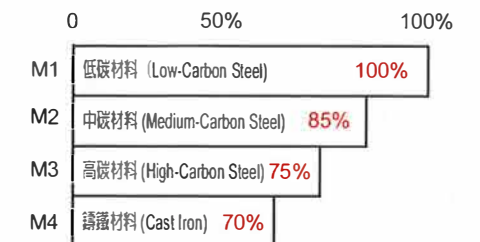
負載能力及鋼材平面粗糙度換算表

Chart of Lifting Capacity & Surface Roughness



負載能力及鋼材之材質種類換算表

(Conversion Chart of Lifting Capacity & Material)



最大吊重範圍 Maximum range of lifting capacity

Unit:mm

Shape of Workpiece	Steel Plate			Round Steel			
	Model	Max Lifting Capacity	Min Thickness Required	Max Length	Max Lifting Capacity	Max Diameter	Max Length
	EPL-10	100kg	15	1000	60kg	150	1000
	EPL-30	300kg	25	1500	180kg	250	1500
	EPL-60	600kg	30	2000	360kg	350	2000
	EPL-100	1000kg	40	2500	600kg	450	2500
	EPL-200	2000kg	55	3000	1200kg	550	3000
	EPL-300	3000kg	60	3500	1800kg	650	3500
	EPL-10	100kg	15	1000	60kg	150	1000
	EPL-30	300kg	25	1500	180kg	250	1500
	EPL-60	600kg	30	2000	360kg	350	2000
	EPL-100	1000kg	40	2500	600kg	450	2500
	EPL-200	2000kg	55	3000	1200kg	550	3000
	EPL-300	3000kg	60	3500	1800kg	650	3500

以上圖表為參考值，如欲吊之鋼材超出上述吊重範圍，請於吊離鋼材前先測試，無安全之慮後再行使用，如因故發生危險，恕不負責。

The above diagram is only for reference. Please test and check if it's within safe range before lifting the workpieces away. Otherwise, producer is not responsible for any accidents.

HT 輔助用導磁塊

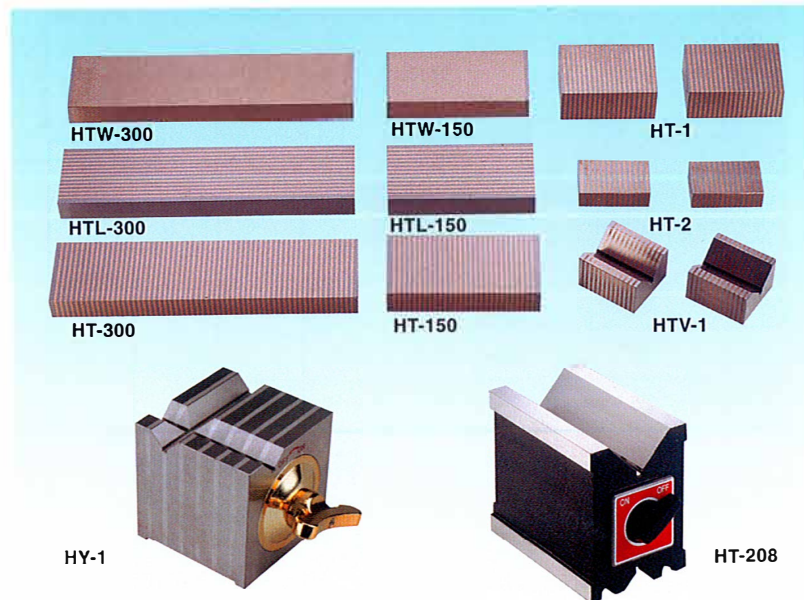
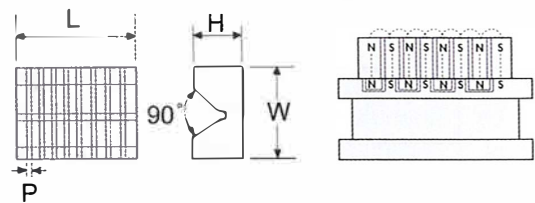
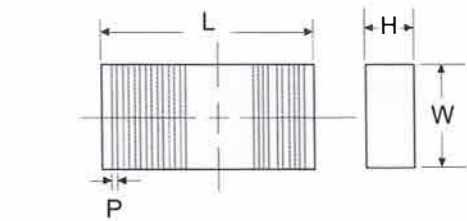
MAGNETIC INDUCTION BLOCK

HY 方型磁性座

SQUARE TYPE MAGNETIC BLOCK

HT V型磁性座

MAGNETIC V - BLOCK



用途：補助磁盤加工上難以固定異形外狀之工件。

- 特性：
- 1.經過高壓銅焊處理緊密接合。
 - 2.因無螺絲及鉚釘等阻礙故導磁性特高。
 - 3.可隨意切割，鑽孔、攻牙、研磨成各種所需之形狀與規格。

Application:
For machining on special shape workpieces.

- Features:**
- 1.Brazing treatment.
 - 2.High magnetic penetration because of no interference from screws and rivets.
 - 3.It can be cut and divided into a desired size/shape.

Unit:mm

Model	Size			Pole Pitch	Weight (kg)
	W	L	H		
HT - 1	70	100	40	5 (2 + 3)	4.7
HT - 2	45	72	22		1.2
HTV - 1	60	65	40		1.9
HT - 150	75	150	25		2.2
HT - 300	75	300	25		4.4
HTL - 150	75	150	25		2.2
HTL - 300	75	300	25		4.4
HTW - 150	75	150	25	2 (1 + 1)	2.2
HTW - 300	75	300	25		4.4

Model	V-face Holding Power		Flat-face Holding Power		Dimension							Weight (kg)	
	Stone Surface Plate	Iron Surface Plate	Stone Surface Plate	Iron Surface Plate	B	L ₁	H	L ₂	P ₁	P ₂	P ₃		a1b
HY - 1	300N(30kgf)	250N(25kgf)	500N (50kgf)	300N (30kgf)	100±0.8	100±0.8	100±0.8	43	17	4	12	26±0.5	6.3
HY - 2	600N(60kgf)	350N(35kgf)	1800N(180kgf)	1000N(100kgf)	150±1.2	150±1.2	150±1.2	56	24.5	5	19	32±0.8	21.2

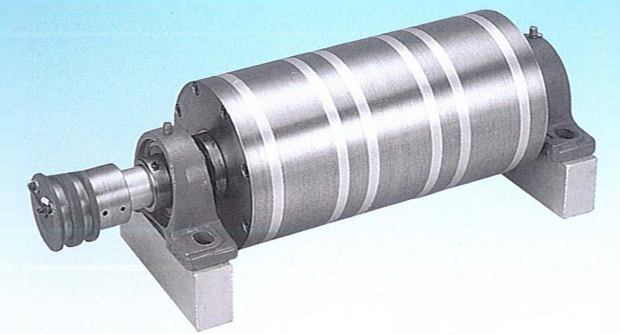
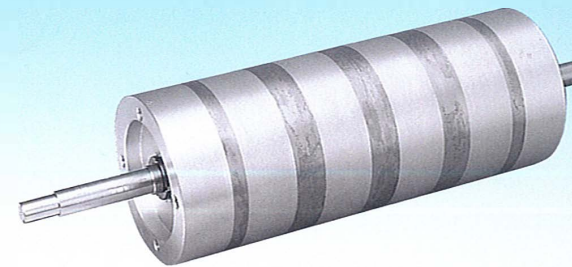
Model	Holding Power		Dimension			Weight (kg)
	Round	Surface	B	H	Length	
HT - 208	55kgf	70kgf	56	72	80	3
HT - 212	90kgf	110kgf	75	100	115	5.1

MPR 永久磁性滾輪

PERMANENT MAGNETIC ROLLER

EPR 電磁式滾輪

ELECTROMAGNETIC ROLLER

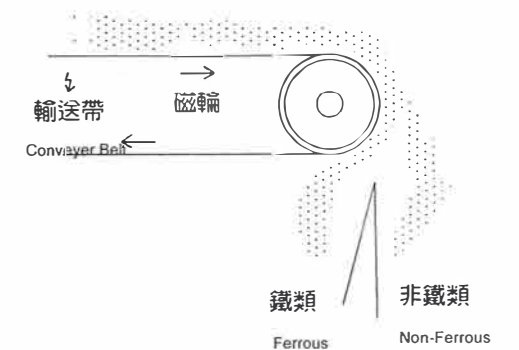


MPR 訂製品
CUSTOM-MADE UPON REQUEST

EPR 訂製品
CUSTOM-MADE UPON REQUEST

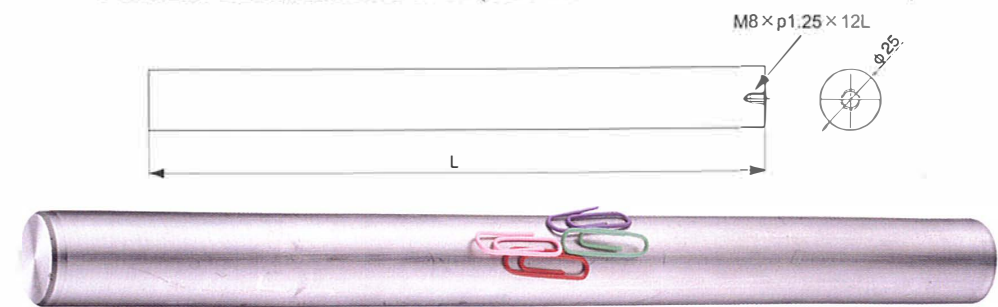
用途：裝置於輸送帶之前方滾輪處（即滾軸換成磁輪），能將鐵屑吸引，分離鐵類及非鐵類。

Application:
Installed at the rolling wheel in front of conveyer belt(i.e. replace rolling shaft with Magnetic). Able to separate ferrous and non-ferrous materials.Able to carry thin iron plate.



超強力型磁棒 (訂製品)

POWERFUL MAGNETIC BAR (CUSTOM-MADE UPON REQUEST)



用途：吸著固定空間，及管線液態中，對磁場有反應之微粒金屬。

- 特性：
- 1.以焊接方式處理完成之封閉型磁場，保證不滲漏。
 - 2.磁場強度可達10000高斯。
 - 3.不鏽鋼外殼，清理簡便。

※ $\varnothing 25 \times$ 需求長度 (最大長度1.2M)

Application:
Attach micro metal parts in the close space and liquid in the pipe.

- Features:**
- 1.Welding treated closed magnetic field.
 - 2.Magnetic force up to 10000 Gauss.
 - 3.Stainless outer shield, easy cleaning.
- ※ $\varnothing 25 \times$ Required Length (Max. Length is 1.2M)