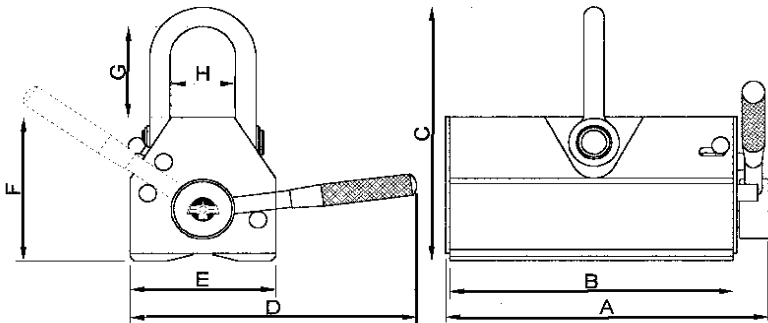




### 技術資料 Technical data

型號 MODEL	吊重能力 Capacity		A		B		C		D		E		F		G		H		重量 Weight		安全係數 SAFETY FACTOR
	kg	lbs	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	kg	lbs	
MAE-100	100	220	107	4.2	84	3.3	120	4.7	125	4.9	60	2.4	71	2.8	41	1.6	30	1.2	2.5	5.5	× 3.5 times倍
MAE-300	300	660	180	7.1	155	6.1	156	6.1	185	7.3	90	3.6	93	3.7	51	2.0	41	1.6	8.6	18.9	
MAE-600	600	1320	255	10	224	8.8	212	8.3	260	10.2	115	4.5	120	4.7	77	3.0	52	2.0	21	46	
MAE-1000	1000	2200	280	11	245	9.6	286	11.3	371	14.6	165	6.5	169	6.7	97	3.8	87	3.4	46	101	
MAE-2000	2000	4400	422	16.6	380	15	348	13.7	512	20.2	216	8.5	215	8.5	105	4.1	121	4.8	118	259	× 3.0 times倍
MAE-3000	3000	6600	566	22.3	530	20.9	400	15.7	770	30.3	216	8.7	222	8.7	147	5.8	80	3.2	181	399	



六種規格 6 models are available

### 最大吊重範圍 MAXIMUM LIFTING RANGE

材料形狀 Form of material	鋼板 Steel plate				圓形鋼材 Round steel					
	Max. lifting capacity 最大吊重能力		Min. thickness required 最小厚度需求		Max. lifting capacity 最大吊重能力		Max. diameter 最大直徑		Maximum length 最大長度	
型號 MODEL	kg	lbs	mm	inch	kg	lbs	mm	inch	mm	inch
MAE-100	100	220	15	0.59"	60	132	150	5.9"	500	20"
MAE-300	300	660	25	0.98"	180	400	250	9.8"	800	32"
MAE-600	600	1320	30	1.18"	360	800	350	13.8"	1200	48"
MAE-1000	1000	2200	40	1.57"	600	1320	450	17.8"	1500	60"
MAE-2000	2000	4400	55	2.16"	1200	2640	550	21.6"	1800	70"
MAE-3000	3000	6600	60	2.36"	1800	3960	650	25.6"	2300	90"

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，則本公司恕不負責。

## 吊重負載LOAD OF HOLDING POWER

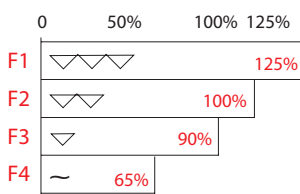
本磁性吊重磁盤之吊重負載會因下列因素改變其負載能力：鋼材厚度、平面之粗糙度、材質種類及磁盤與鋼材是否清理乾淨。

The load of holding power will changes depending on the thickness, attractive face roughness and quality of material and clearance between the wor kpiece with magnet.  
(See as the graphs as below)

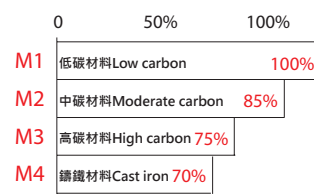
負載能力及鋼材厚度換算表  
Chart of difference in holding power by thickness

	Thickness鋼材厚度		Percentage of lifting capacity負載能力之比率						
	mm	inch	MAE-3000	MAE-2000	MAE-1000	MAE-600	MAE-300	MAE-100	
T1	up 60	up 2.36"	100%	100%	100%	100%	100%	100%	
T2	55	2.16"	95%	100%	100%	100%	100%	100%	
T3	50	1.97"	90%	95%	100%	100%	100%	100%	
T4	45	1.77"	85%	90%	100%	100%	100%	100%	
T5	40	1.57"	80%	85%	100%	100%	100%	100%	
T6	35	1.38"	70%	75%	90%	100%	100%	100%	
T7	30	1.18"	60%	65%	80%	100%	100%	100%	
T8	25	0.98"	50%	55%	70%	90%	100%	100%	
T9	20	0.79"	40%	45%	60%	75%	90%	100%	
T10	15	0.59"	30%	35%	50%	60%	70%	100%	
T11	10	0.39"	20%	25%	35%	45%	50%	70%	
T12	5	0.20"	10%	15%	20%	25%	30%	40%	

負載能力及鋼材平面粗糙度換算表  
Chart of difference in holding power by attractive face roughness For all models



負載能力及鋼材之材質種類換算表  
Chart of difference in holding power by material quality For all models



吊重範圍換算公式 → (TxFxMx 磁盤之吊重能力)

Calculating Formula for "Range of Lifting Capacity" (TxFxMxCapacity of Lifter)

範例Example:

鋼材條件： T8, F1 及 M2

90% x 125% x 85% x 600kg (ELM-600)= 573KG

Terms of workpiece: T8, F1 and M2

90% x 125% x 85% x 600kg (ELM-600)= 573KG

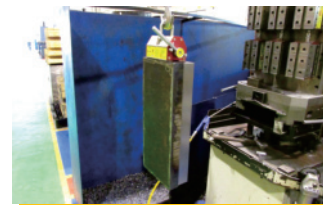
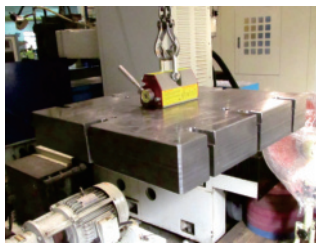
安全係數x 3.5倍(MAE-3000安全係數×3.0倍)

本吊重磁盤之吊重能力標示為測試吸力之1/3.5。如MAE-600之吊重能力為600kg，但其實際測試吸力為2100kgf。

(大的安全係數，為考慮及確保使用之安全因素)

## 適用範圍APPLICATIONS

適用於搬運鋼板、鐵塊及圓柱鐵材,如:機械零件、衝床模具、塑膠模具及各類鋼鐵材料...等  
Suitable for move plate steel, block steel and round steel, such as machine parts, press molds, plastic molds and iron material .....etc.



MAE