Magnetic Products, Inc.
Highland, Michigan | mpimagnet.com

Permanent Crane Magnet

1. Easy handling and tilting of loads from horizontal to vertical positions and vice versa
2. Large lockable lifting eye prevents undesirable tilting from horizontal to vertical positions
3. Lockable release lever for comfortable and safe operation
4. Light, compact design

First magnetic "claw" of its kind which is in compliance with UNI EN 13155 standard for handling with a crane

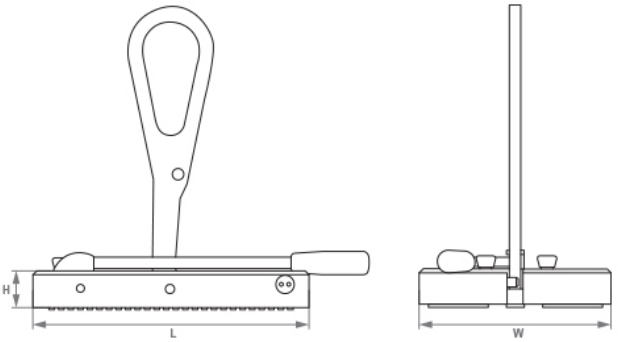
Unique pole configuration reduces peel-off effect for thin sheets during handling

Low magnetic field handles individual sheets from 0.12 in thickness

One (1) year warranty for the magnetic system

Manufactured in Europe to the highest quality standards

Application: Lifting
Technology: Permanent
Horizontal working limit: 551 lbs
Vertical working limit: 176 lbs
Size: 7.8 x 11.3 x 1.6in
Temperature: maximum 176°F
Safety factor: 4:1



Part Number	Width (IN)	Length (IN)	Height (IN)	Horizontal Limit (LBS)	Vertical Limit (LBS)	Weight (LBS)	Tested Break Away Force (LBS)
PCM-GP250	7.8	11.3	1.6	551	176	21.5	2,425

Specifications subject to change

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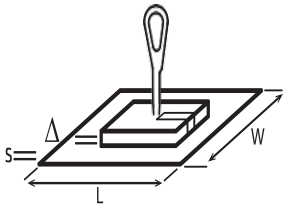
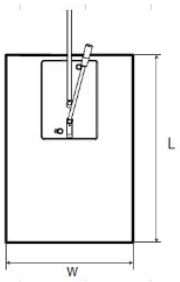
WORKLOAD LIMIT FOR PLATES (AISI 1020 STEEL)*

Horizontal

			Δ ≤ = 0.003 IN			Δ = 0.003 - 0.011 IN			Δ = 0.019 IN		
		S (IN)	L Max. (IN)	W Max. (IN)	Max. Lift (LBS)	L Max. (IN)	W Max. (IN)	Max. Lift (LBS)	L Max. (IN)	W Max. (IN)	Max. Lift (LBS)
PCM -GP250		>0.787	62	39	551	39	27	253	19	19	99
		0.472	78	39	429	59	31	242	39	19	99
		0.393	66	39	308	47	31	165	47	19	99
		0.314	43	39	209	47	31	132	47	19	83
		0.196	59	39	132	39	31	72	47	19	50
		0.118	66	39	88	51	31	55	59	19	41

Vertical

			Δ ≤ = 0.003 IN			Δ = 0.003 - 0.011 IN			Δ = 0.019 IN		
		S (IN)	L Max. (IN)	W Max. (IN)	Max. Lift (LBS)	L Max. (IN)	W Max. (IN)	Max. Lift (LBS)	L Max. (IN)	W Max. (IN)	Max. Lift (LBS)
PCM -GP250		> 0.787	39	19	176	19	15	66	15	11	26
		0.472	47	19	132	23	19	61	15	11	24
		0.393	47	19	101	19	19	44	15	11	22
		0.314	39	19	66	19	19	33	15	11	17
		0.196	39	19	39	19	15	17	19	11	13
		0.118	39	19	28	19	19	13	19	15	11

*WLL= maximum working load designed for certain lifting magnet capacity, with respect to minimal safety factor 4:1.

DO NOT LIFT PLATES THINNER THAN INDICATED IN THE CHART. WHEN LIFTING TUBES WITH A THIN WALL, THE LENGTH MAY BE THE LIMITING FACTOR.