



WORKLOAD LIMIT FOR PLATES (AISI 1020 STEEL)*

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HORIZONTAL											
MPI PERMANENT CRANE MAGNET GP250	s (in)	$\Delta \leq 0.003$ in.			$\Delta = 0.003 - 0.011$ in.			$\Delta = 0.019$ 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)	
	>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											
MPI PERMANENT CRANE MAGNET GP250	s (in)	$\Delta \leq 0.003$ in.			$\Delta = 0.003 - 0.011$ in.			$\Delta = 0.019$ 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)	
	> 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	

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

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