



Magnum® Piering Bracket Specifications

System Ratings & Specifications									
Magnum® Brackets	Name	Fits Pile Dia. (in)	No. Bolts / Thru Holes	Bolt hole Dia. (in)	Structural Capacity*		Description	Surface Coating**	Schematic
					Ultimate (tons) Comp / Tens	Allowable (tons) Comp / Tens			
MP1001-2	Light Duty Plate	1.75	3	3/4	7 / 7	3.5 / 3.5	6" x 12" Plate w/ 8 bolt holes	G, P	
MP1001-3	Plate Bracket	3.00	3	3/4	50 / 50	25 / 25	8" x 21" Plate w/ 18 bolt holes	G, P	
MP1001-4	Plate Bracket	4.50	3	3/4	50 / 50	25 / 25	8" x 22.4" Plate w/ 18 bolt holes	G, P	
MP1002-2	Light Duty Angle	1.75	3	3/4	7 / 7	3.5 / 3.5	6" x 4" x 12" Angle w/ 6 bolt holes	G, P	
MP1002-3	Angle Bracket	3.00	3	3/4	50 / 16	25 / 8	8" x 8" x 24" Angle w/ 6 bolt holes	G, P	
MP1005-3	Gusseted Angle	3.00	3	3/4	50 / 16	25 / 8	8" x 8" x 12" Angle w/ 6 bolt holes and 1 gusset	G, P	



Magnum® Piering Bracket Specifications (Cont.)

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		Name	Fits Pile Dia. (ft)	No. Bolts / Thru Holes	Bolt hole Dia. (in)	Structural Capacity*		Description	Surface Coating**	Schematic	
				Ultimate (tons) Comp / Tens		Allowable (tons) Comp / Tens					
MP1006-3	Reverse Angle	3.00	3	3/4	50 / 50	25 / 25	8" x 8" x 24" Angle w/ 16 bolt holes and 2 gussets	G, P			
MP1007-3	Pivot Bracket	3.00	3	3/4	50 / 22	25 / 11	8" x 8" x 21" Angle w/ 18 bolt holes and pivot collar	G, P			
MP1015-3	Light Angle	3.00	2	3/4	24 / 24	12 / 12	4" x 4" x 9" Angle w/ 2 bolts	G, P			
MP1016-3	Angle Bracket with Tie-Back	3.00	3	3/4	50 / 50	25 / 25	8" x 8" x 24" Angle w/ 18 bolt holes	G, P			
MP1017	Angled Tie-Back	3.00	1	1.25	0 / 32	0 / 16	8" x 21" Plate w/ 18 bolt holes, 2 gussets, and plate	G, P			

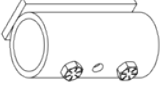
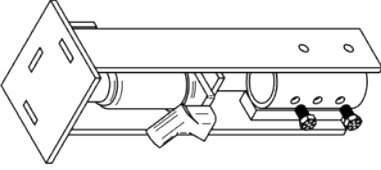


Magnum® Piering Bracket Specifications (Cont.)

Magnum® Brackets	Name	Fits Pile Dia. (in)	Pile Connection	Structural Capacity*		Description	Surface Coating**	Schematic
				Ultimate (tons) Comp / Tens	Allowable (tons) Comp / Tens			
MP1008-3-6	Lifting Kit	3.00	N/A	40 / 35	20 / 18	#6 Thread Bars w/ Tube Steel Cross Members	G, P	
MP1008-3-7	Lifting Kit	3.00	N/A	50 / 35	25 / 18	#7 Thread Bars w/ Tube Steel Cross Members	G, P	
MP1027-3	Lifting Bracket	3.00	3" x 3" x 3/8" Cross Beam	50 / 10	25 / 5	8" x 8" x 15" Angle w/ 6 Bolt Holes and All-Thread Bars for Lifting and Lock-Off	G, P	
MP1028-3	Lifting Bracket	3.00	3" x 3" x 3/8" Cross Beam	50 / 10	25 / 5	8" x 8" x 15" Angle w/ 6 Bolt Holes and All-Thread Bars for Lifting and Lock-Off w/ 5 Degree Pile Batter	G, P	
MP1030-150	Standard Duty Lifting Bracket	1.50x1.50	3" x 3" x 3/8" Cross Beam	20 / 0	10 / 0	8" x 8" x 14" Angle w/ 4 Bolt Holes and All-Thread Bars for Lifting and Lock-Off	G, P	
MP1030-175	Standard Duty Lifting Bracket	1.75x1.75	3" x 3" x 3/8" Cross Beam	40 / 0	20 / 0	8" x 8" x 14" Angle w/ 4 Bolt Holes and All-Thread Bars for Lifting and Lock-Off	G, P	



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					Ultimate (tons) Comp / Tens	Allowable (tons) Comp / Tens			
MP1039-3	Pin Bracket	3.00	3	3/4	50 / 50	25 / 25	bracket tube with weld flange for attachment to structural steel	P	
MP1600-3	Concentric Lift Bracket	3.00	3	3/4	50 / 0	25 / 0	8" x 8" x 15" Angle w/ 6 Bolt Holes and All-Thread Bars for Lifting and Lock-Off	G, P	

Notes:

*Most Magnum products are manufactured using minimum 65 ksi minimum yield strength structural tubing, or better, for the collar and ASTM A36 plate steel, or better, for the plates. As Magnum is committed to testing and improving products, these specifications are subject to change. Additional product specifications available at www.magnumpiering.com and in the Magnum Helical Pile Engineering Manual available upon request. Structural capacity of cap and pile system may be limited by the capacity of the pile and the structure to which the cap is connected. See Magnum® Helical Pile Specifications for more information. Capacity of the structure shall be determined by an engineer.

**G=hot dip galvanized per ASTM A153/A123 as appropriate, P=Magnum blue paint