

# Magnum® Piering Miscellaneous Hardware

System Ratings & Specifications						
Magnum® Misc. Hardware	Description	Fits Product Designation	Notes	Surface Coating**	Schematic	
MBP3KH77	Bearing Plate, 3/8" x 7" x 7" w/ #10 Hole	MH313B, MH313BR, MH325B, MH325BR	Sizes shown are examples only. Bearing plate sizes and thicknesses vary from project to project. Custom sizes available to fit all helical pile and earth anchor products.	G, NG, EP		
MBP35KH7575	Bearing Plate, 3/8" x 7.5" x 7.5" w/ #10 Hole	MH32521BR		G, NG, EP		
MBP3LH88	Bearing Plate, 1/2" x 8" x 8" w/ #10 Hole	MH313B, MH313BR, MH325B, MH325BR		G, NG, EP		
MBP4MH88	Bearing Plate, 5/8" x 8" x 8" w/ #14 Hole	MH425, MH431		G, NG, EP		
MBP5NH99	Bearing Plate, 3/4" x 9" x 9" w/ #20 Hole	MH530, MH536		G, NG, EP		
MBP6NH9595	Bearing Plate, 3/4" x 9.5" x 9.5" w/ #20 Hole	MH625, MH637, MH646		G, NG, EP		
MH1601	Hex Bolt, 7/8" - 9 x 4.5" SAE Grade 5/ASTM A325	MH313B, MH313BR, MH325B	Hex bolts are typically sold with helical pile extensions. Bolts shown here are for surplus or replacement parts.	G, NG		
MH1605	Hex Bolt, 1" - 8 x 5" SAE Grade 8/ASTM A490	MH325BR		G, NG		
MH1625	Hex Bolt, 1" - 8 x 5.5" SAE Grade 8/ASTM A490	MH3521BR		G, NG		
MH1609	Hex Bolt, 1-1/4" - 7 x 7" SAE Grade 5/ASTM A325	MH425, MH431		G, NG		
MH1615	Hex Bolt, 1-1/2" - 6 x 8" SAE Grade 5/ASTM A325	MH530, MH536, MH625, MH637, MH646		G, NG		
MH1602	Hex Nut, 7/8" - 9 SAE Grade 5/ASTM A325	MH313B, MH313BR, MH325B		G, NG		
MH1606	Hex Nut, 1" - 8 SAE Grade 8/ASTM A490	MH325BR, MH3521BR	Hex nuts are typically sold with helical pile extensions. Nuts shown here are for surplus or replacement parts.	G, NG		
MH1610	Hex Nut, 1-1/4" - 7 SAE Grade 5/ASTM A325	MH425, MH431		G, NG		
MH1616	Hex Nut, 1-1/2" - 6 SAE Grade 5/ASTM A325	MH530, MH536, MH625, MH637, MH646		G, NG		
MH6-05055ZW	Expansion Anchor Stud KB3 1/2" x 5-51/2"	Various		Typically used to secure MP brackets top existing foundations		G
MH6-05070ZW	Expansion Anchor Stud KB3 1/2" x 7"	Various				G

# Magnum® Piering Miscellaneous Hardware (Cont.)

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MH1608	7/8" x 6.5" Grade 8 Drive Pin	MH313B, MH313BR, MH325B	Reusable drive pins connect helical pile shaft to drive tool for installation. Replace when worn or damaged.	G	
MH1613	1" x 6" Grade 8 Drive Pin	MH325BR		G	
MH1614	1-1/4" x 7" Grade 8 Drive Pin	MH425, MH431		G	
MH1617	1-1/2" x 8.5" Grade 8 Drive Pin	MH530, MH536, MH625, MH637, MH646		G	
MHA400	Hydraulic Pressure Gage, 0-3,000 psi	Various Torque Motors	Hydraulic pressure gages are used to measure pressure to and from torque motor for determining pressure drop and correlation with torque.	n/a	
MHA4006	Hydraulic Pressure Gage, 0-1,000 psi	Various Torque Motors		n/a	
MHA4007	Hydraulic Pressure Gage, 0-4,000 psi	Various Torque Motors		n/a	
MHA4150	Dial Indicator, 0-3"	Various	Dial indicators are used to measure pile deflection during load testing. A minimum of two indicators are required for ASTM test.	n/a	
MHA4151	Magnetic Base (for Dial Indicator)	Various		n/a	

Notes:

\*\*G=Zinc coated per ASTM A153/A123 or ASTM B633 as appropriate, NG=bare steel, EP=epoxy powder coated per ICC-ES AC228, P=Magnum blue paint

As Magnum is committed to testing and improving products, these specifications are subject to change. Additional product specifications available at [www.magnumpiering.com](http://www.magnumpiering.com), in the Magnum Product Catalog, and in the Magnum Helical Pile Engineering Manual available upon request.