

## Quick-Lock HD™ Heavy Duty Pier Wheel

**Quick-Lock HD™** installation is a simple process, and is designed to properly position a reinforcing steel cage in a drilled shaft. Without proper alignment, the rebar cage cannot perform the function for which it was designed. Faulty alignment can cause foundation failure, which often leads to issues of contingent liability. Because the rebar cage cannot be inspected or tested after the concrete is placed in the drilled shaft, the cage must be aligned properly the first time.

**Quick-Lock HD™** pier wheels are made of durable, noncorrosive plastic and fit numbers 3 through 7 rebar ties. They are also perfect for a variety of other applications where concrete cover must be maintained.



*Available in the following sizes:*

PART NO.	DESCRIPTION
4QLHD	4" Quick-Lock HD wheel provides 2 inches of concrete cover and fits rebar sizes #3 thru #7
6QLHD	6" Quick-Lock HD wheel provides 3 inches of concrete cover and fits rebar sizes #3 thru #7
8QLHD	8" Quick-Lock HD wheel provides 4 inches of concrete cover and fits rebar sizes #3 thru #7
12QLHD	12" Quick-Lock HD wheel provides 6 inches of concrete cover and fits rebar sizes #3 thru #7



For further information about these products, recommendations for their use, or a FREE SPEC KIT, contact:

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*The table below illustrates the recommended number of Quick-Lock HD™ wheels to be used on a per shaft basis. The actual number can vary subject to the number of vertical bars of the reinforcing steel cage. The structural engineer is the governing authority. When in doubt, please check with the structural engineer.*

Recommended Quick-Lock™ Wheels per Reinforcing Cage				
Pier Shaft Depth In Feet	Per Shaft Diameter in Inches			
	Up to 48"	49" to 72"	73" to 96"	97" to 120"
0' to 12'	8	12	16	20
13' to 24'	12	18	24	30
25' to 36'	16	24	32	40
37' to 48'	24	36	48	60
49' to 60'	28	42	56	70
61' to 72'	36	54	72	90
73' to 84'	40	60	80	100
85' to 96'	48	72	96	120
97' to 108'	52	78	104	130
109' to 120'	60	90	120	150
121' to 132'	64	96	128	160
133' to 144'	72	108	144	180

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4QLHD	4" Quick-Lock HD wheel provides 2 inches of concrete cover and fits rebar sizes #3 thru #7
6QLHD	6" Quick-Lock HD wheel provides 3 inches of concrete cover and fits rebar sizes #3 thru #7
8QLHD	8" Quick-Lock HD wheel provides 4 inches of concrete cover and fits rebar sizes #3 thru #7
12QLHD	12" Quick-Lock HD wheel provides 6 inches of concrete cover and fits rebar sizes #3 thru #7

Visit us at [www.pieresearch.com](http://www.pieresearch.com) for suggested specifications and other information.