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# H-PILING

H-Piles are often driven into the ground and used for deep foundations to support structures in commercial construction, such as buildings and bridges. They are also used for: heavy highway, public works, marine, and industrial applications. Due to their strength, they can be utilized for driving in soil conditions that other piling would have difficulty penetrating. The durability of these steel columns work well for applications in areas that are prone to earthquakes or other natural disasters.

H-Piles are also commonly used for "soldier pile and lagging" construction where steel piles and timber are used for earth retention.

R.W. Conklin Steel stocks a wide variety of domestically produced H-Pile available in single lengths or multiple truckloads. H-Pile is available in 8, 10, 12, and 14 inch sections in lengths up to 100 feet. For the first time in nearly 100 years, steel mills are producing new sizes of H-pile — 16 and 18 inch. These new sizes have almost doubled the load capacity which is key to the engineering specifics desired in new projects. Ashraf Elsayed of Hall, Blake & Associates, who helped test the piles, says "They can carry more load while also meeting building codes that call for compact sections."

*In this section of the catalog, you'll also find information on H-Piling accessories such as:*

## H-PILE SPLICERS

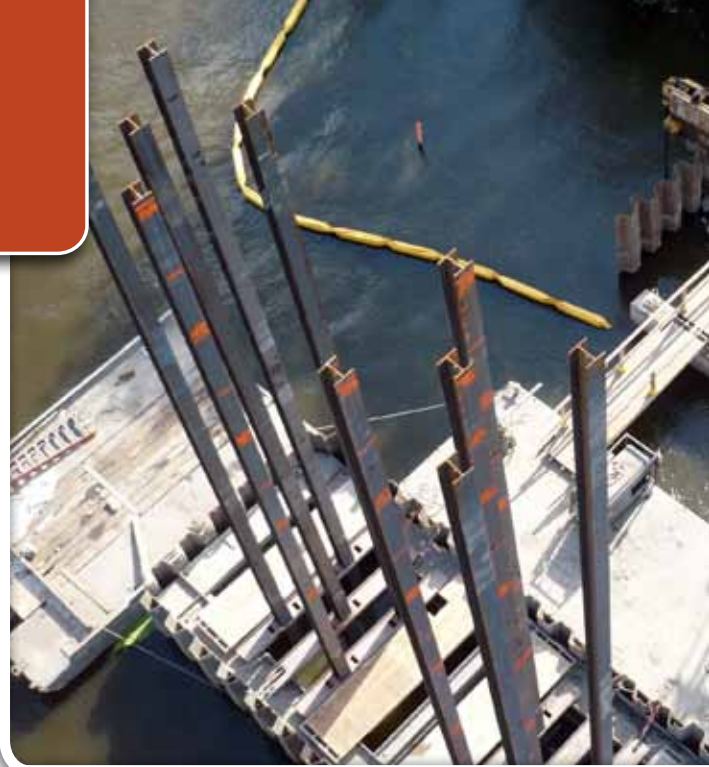
H-Pile Splicers are used to help with alignment of H-Piles. Splicers also significantly provide an additional weld area when splicing.

The time required to make the H-Pile splices can equal or exceed pile driving time. Pile Splicers substantially reduce splicing time in two ways. First, H-Pile alignment is quick and easy as the splice also serves as the welding template. The H-Pile splicers slip over the driven H-Pile section and the new section easily slides into the top of the H-Pile splicer providing quick and accurate alignment. Second, welding time is greatly reduced — often by up to 75% as only a fraction of the weld is required.

## H-PILE POINTS

The load bearing capacity of driven steel H-Piles can be greatly reduced if the H-Piles are damaged during driving due to impact with rocks, boulders, rubble or other obstructions. H-Pile points provide the pile a tip, which minimizes this type of damage. H-Pile points increase the bending strength of pile flanges and web from 2 to 6 times thereby helping insure that the pile reaches final bearing in position and in good condition.

Our H-Pile Points are made of low-alloy cast steel, allowing the piling points to absorb more impact than similar H-Piling Points. They also have a pre-beveled tip, eliminating any kind of pile end preparation. Welding is easy with a weld-prep built into the casting, saving time and money. There is 5/16" groove weld across each flange making it unnecessary to weld the web or any inside flanges.



## NEW H-PILE SIZES:

## HOW ARE ARE THEY USEFUL?

*"As you get into larger structures, taller buildings, heavier loads, where a column would have a 15-pile cluster, now it might take only 10. They drive great, too. You can put big hammers to them and they hold up really well. You can drive through hard clay and dense silts and get to rock so you get to use the majority of the available strength of the steel."*

— Michael Wysocky,  
President of Thatcher Foundations

*Describing the benefits of using  
the new H-Pile sizes*

## TO READ MORE ON NEW H-PILE SIZES, VISIT:

[http://www.modernsteel.com/  
SteelInTheNews/](http://www.modernsteel.com/SteelInTheNews/)