

# R.W. CONKLINSTEEL

100% Melted & Manufactured in the USA

1-888-CONKLIN (266-5546)

[www.conklinsteel.com](http://www.conklinsteel.com)

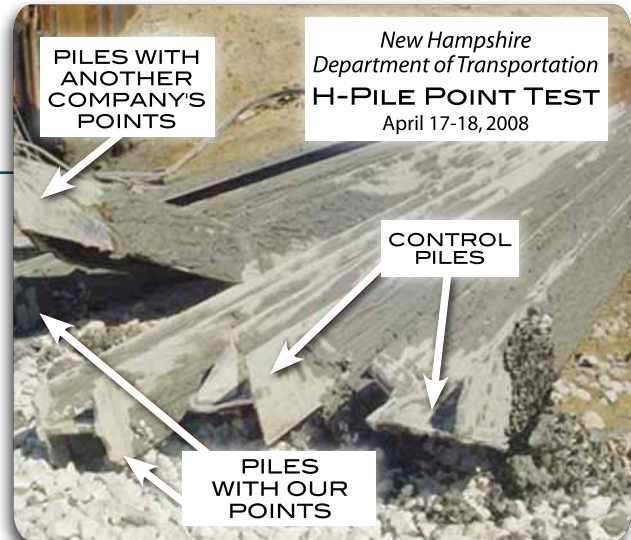


## H-PILE PILING POINTS

### Specifications

## A CASE STUDY: PILING POINTS

The New Hampshire Department of Transportation conducted a comprehensive H-pile point test in Rochester, NH on April 17-18, 2008. The test involved driving and pulling a total of fifteen 12" x 53" H-piles. There were three control piles driven without pile points, and twelve piles driven with four different H-pile points (three piles for each design). Our 12" Hard-Bite Model 77600-B-30 65/35 was used for this test. All the piles were driven utilizing a pile driving monitoring device.



When all three control piles were pulled, it showed they sustained significant damage, even though the monitoring device registered no damage to the piles while driving. Also, one H-pile with another company's piling point attached, resulted in total pile failure. However, all three piles with our pile points attached, completely protected the piles even under the most extreme driving stresses.

Over the past 50 years, APF H-pile points have been independently tested and also tested by various state and federal agencies proving their effectiveness to protect the pile while driving and provide a sound undamaged pile.

- Damage, which has occurred during pile driving, often cannot be detected from the surface.
- If you are driving H-piles, we have a point that can save you trouble, time, and money.
- Having no bad piles means avoiding re-designing and the costly interruption even one rejected pile can create. Protect the dependability of the installation, as well as the owner and contractor in controlling costs.

## PILING POINTS: FILL A NEEDED

*Piling Points  
are a good  
"Insurance  
Policy"*

- Our rugged points will cut through difficult strata allowing deep seating of the pile.
- Pulling of test piles often leads to surprising evidence of unpredicted failures in unprotected piles and even those re-inforced by methods other than our steel points.
- Stresses permitted on steel have increased and design loads have become heavier, it is more essential than ever that every pile reach bearing depth in good condition.

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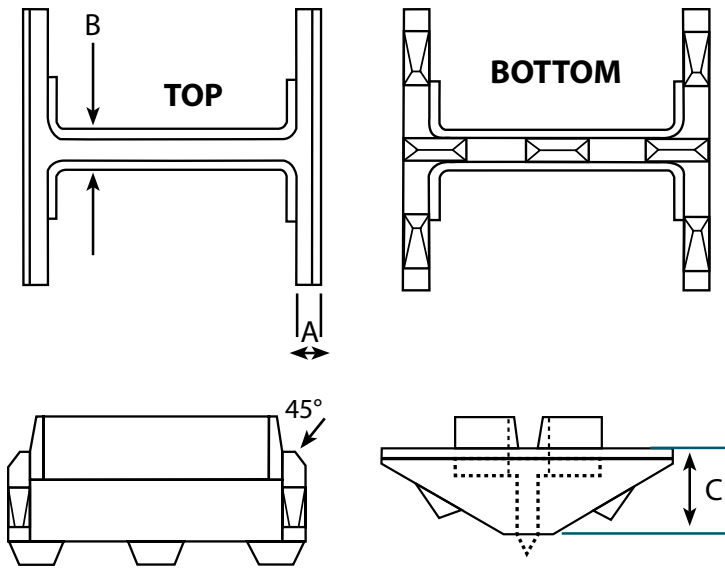


# H-PILE PILING POINTS

## Specifications

### HARD-BITE POINT

HP 7780-B & HP 77750-B



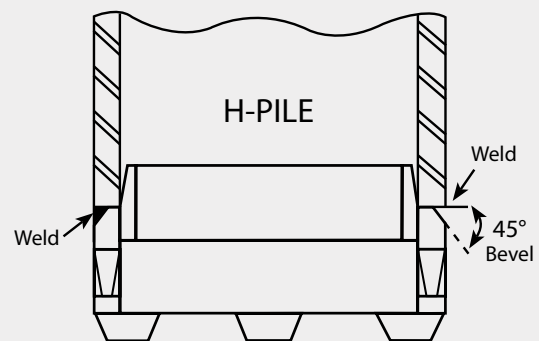
Our H-Piling Points are made of low alloy cast steel, allowing the points to absorb more impact than similar H-Piling Points. They also have a pre-beveled tip, eliminating any kind of pile end preparation.

Welding is easy with a weld-prep built into the casting, saving you time and money.

	A	B	C
<b>14" HP</b> 77750-B	1"	1-1/4"	2-3/4"
	1"	1-5/16"	3"
<b>12" HP</b> 77750-B 7780-B	3/4"	3/4"	3-1/2"
	1"	1"	2-1/16"

### Installation Instructions

- 1.) Fit point onto the end of a square cut pile end.
- 2.) Weld point to the pile in either flat or vertical position using E70XX electrodes.
- 3.) Weld across full width of flange following chart below for minimum size weld.



H-PILE SIZE	FLANGE THICKNESS	MINIMUM SIZE GROOVE WELD
<b>HP 14</b> x 117 x 102 x 89 x 73	.805	7/16
	.705	3/8
	.615	3/8
	.505	5/16
<b>HP 12</b> x 84 x 74	.685	3/8
	.610	3/8

H-PILE SIZE	FLANGE THICKNESS	MINIMUM SIZE GROOVE WELD
<b>HP 12</b> x 63 x 53	.515	5/16
	.435	5/16
<b>HP 10</b> x 57 x 42	.565	5/16
	.420	5/16

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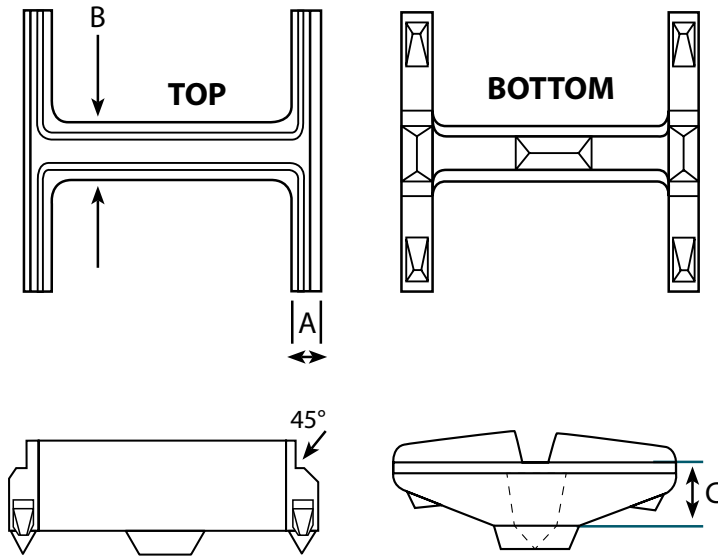


# H-PILE PILING POINTS

Specifications

## HARD-BITE POINT

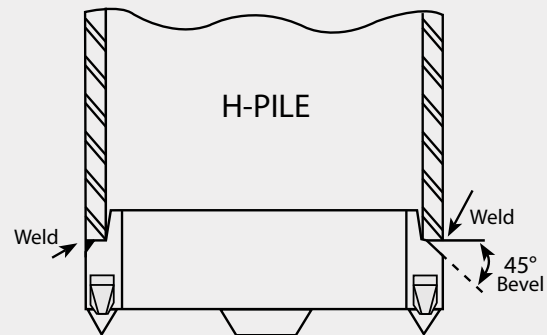
HP 77600-B, HP 77600-B-18#  
HP 77600-B-30#, HP 77600-B-46#



	A	B	C	
<b>14" HP</b>	77600-B	1"	1-1/4"	2-3/4"
	77600-B-46#	1-1/2"	1-3/4"	3"
	77750-B	1"	1"	4"
<b>12" HP</b>	77600-B-30#	1"	1-5/16"	3"
	77750-B	3/4"	3/4"	3-1/2"
	7780-B	3/4"	3/4"	3"
<b>10" HP</b>	77600-B	1"	1"	2-1/16"
	77600-B-18#	1"	1-1/8"	2-3/8"
	77750-B	3/4"	3/4"	3"
<b>8" HP</b>				
77600-B	1-1/16"	1"	1-7/16"	

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H-PILE SIZE	FLANGE THICKNESS	MINIMUM SIZE GROOVE WELD
<b>HP 14</b>		
x 117	.805	7/16
x 102	.705	3/8
x 89	.615	3/8
x 73	.505	5/16
<b>HP 12</b>		
x 84	.685	3/8
x 74	.610	3/8

H-PILE SIZE	FLANGE THICKNESS	MINIMUM SIZE GROOVE WELD
<b>HP 12</b>		
x 63	.515	5/16
x 53	.435	5/16
<b>HP 10</b>		
x 57	.565	5/16
x 42	.420	5/16
<b>HP 8</b>		
x 36	.445	5/16