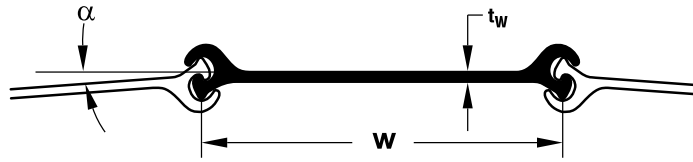


# AS

## AS Hot Rolled Steel Sheet Pile



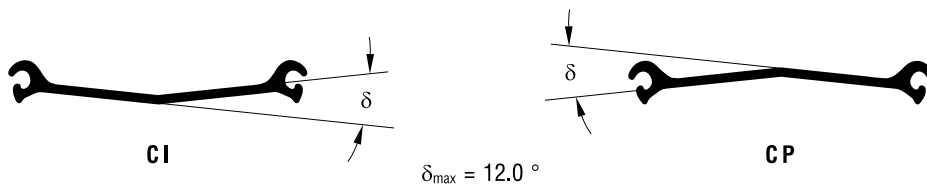
SECTION	Width* (w) in mm	Web (t <sub>w</sub> ) in mm	Maximum Interlock Strength k/in kN/m	Allowable Interlock Rotation** ( $\alpha$ ) Degrees	Cross Sectional Area in <sup>2</sup> /ft cm <sup>2</sup> /m	WEIGHT		Elastic Section Modulus in <sup>3</sup> /sheet cm <sup>3</sup> /sheet	Moment of Inertia in <sup>4</sup> /sheet cm <sup>4</sup> /sheet	COATING AREA	
						Pile lb/ft kg/m	Wall lb/ft <sup>2</sup> kg/m <sup>2</sup>			Both Sides ft <sup>2</sup> /ft of single m <sup>2</sup> /m	Wall Surface ft <sup>2</sup> /ft <sup>2</sup> of wall m <sup>2</sup> /m <sup>2</sup>
<b>AS 500 9.5</b>	19.69 500	0.375 9.5	20.0 3500	4.5	7.71 163.2	43.01 64.0	26.22 128	2.3 37	4.1 170	3.77 1.15	1.15 1.15
<b>AS 500 11.0</b>	19.69 500	0.433 11.0	22.8 4000	4.5	8.50 180.0	47.46 70.6	28.88 141	3.0 49	4.5 186	3.77 1.15	1.15 1.15
<b>AS 500 12.0</b>	19.69 500	0.472 12.0	28.5 5000	4.5	8.94 189.2	49.93 74.3	30.52 149	3.1 51	4.7 196	3.77 1.15	1.15 1.15
<b>AS 500 12.5</b>	19.69 500	0.492 12.5	31.4 5500	4.5	9.19 194.5	51.27 76.3	31.34 153	3.1 51	4.8 201	3.77 1.15	1.15 1.15
<b>AS 500 12.7</b>	19.69 500	0.500 12.7	31.4 5500	4.5	9.28 196.4	51.81 77.1	31.54 154	3.1 51	4.9 204	3.77 1.15	1.15 1.15
<b>AS 500 13.0††</b>	19.69 500	0.512 13.0	34.2 6000	4.5	9.51 201.2	53.09 79.0	32.36 158	3.3 54	5.1 213	3.77 1.15	1.15 1.15

\* Use 503 mm for template construction and layout drawings.

\*\* The mill guarantees 4.5 degrees of interlock rotation for piles < 20 meters in length. For piles > 20 meters in length, the guaranteed rotation is 4 degrees.

†† Only available in steel grade S 430 GP (62 ksi).

**Pre-bent piles are available to achieve a tighter radius in the cells and arcs.**



# AS

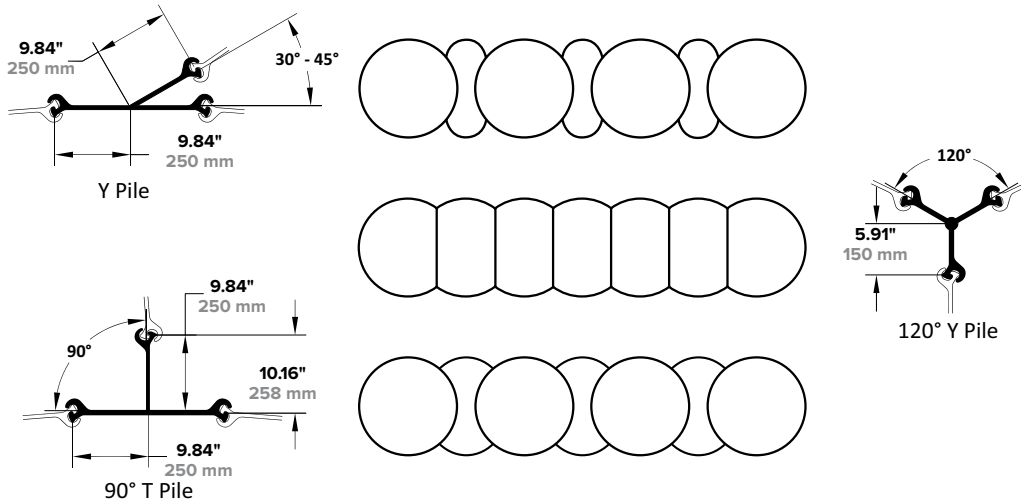
## AS Hot Rolled Steel Sheet Pile

### Available Steel Grades

AS								
AMERICAN			CANADIAN			EUROPEAN		
ASTM	YIELD STRENGTH		CSA G40.21	YIELD STRENGTH		EN 10248	YIELD STRENGTH	
	ksi	MPa		ksi	MPa		ksi	MPa
A 572 Grade 50	50	345	Grade 350 W	50	350	S 355 GP	51	355
A 572 Grade 55	55	380	Grade 400 W	58	400	S 390 GP	57	390
A 690	50	345				S 430 GP*	62	430

\* Only available for AS 500-13.0 sheet.

### Junction Piles



### Delivery Conditions & Tolerances

	ASTM A 6		EN 10248
Mass	± 2.5%		± 5%
Length	+ 5 in.	- 0 in.	± 200 mm
Height			± 5 mm
Thickness			± 6%
Width			± 2%
Straightness			0.2% of the length
Ends out of Square			2% of the width

### Maximum Rolled Lengths†

AS	101.7 ft.	31.0 m
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† Longer lengths may be possible upon request.