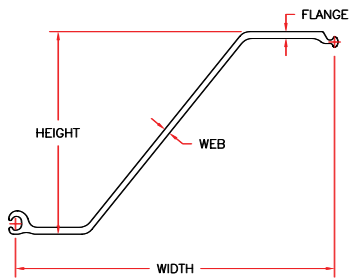
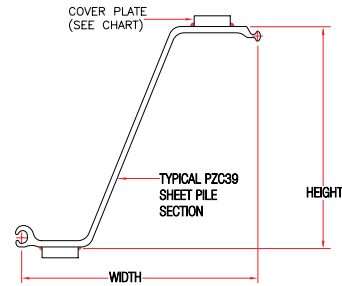


## Z Pile Profile



## Cover Plated Z Profiles



Section	Width+	Height+	Web Thick-ness+	Flange Thick-ness+	Weight		Moment of Inertia		Section Modulus		Nominal Coating Area*
	in.	in.	in.	in.	lb / lft	lb / ft <sup>2</sup>	in <sup>4</sup>	in <sup>4</sup> / wft	in <sup>3</sup>	in <sup>3</sup> / wft	ft <sup>2</sup> / lft
	mm	mm	mm	mm	kg / lm	kg / m <sup>2</sup>	cm <sup>4</sup>	cm <sup>4</sup> / wm	cm <sup>3</sup>	cm <sup>3</sup> / wm	m <sup>2</sup> / lm
PZC 13	<b>27.88</b>	<b>12.56</b>	<b>0.375</b>	<b>0.375</b>	<b>50.4</b>	<b>21.7</b>	<b>353.0</b>	<b>152.0</b>	<b>56.2</b>	<b>24.2</b>	<b>5.60</b>
	<b>708</b>	<b>319</b>	<b>9.5</b>	<b>9.5</b>	<b>75.1</b>	<b>106.0</b>	<b>14,690</b>	<b>20,760</b>	<b>920</b>	<b>1,300</b>	<b>1.71</b>
PZC 14	27.88	12.60	0.420	0.420	55.0	23.7	381.6	164.3	60.5	26.0	5.60
	<b>708</b>	<b>320</b>	<b>10.7</b>	<b>10.7</b>	<b>81.8</b>	<b>115.5</b>	<b>15,890</b>	<b>22,440</b>	<b>990</b>	<b>1,400</b>	<b>1.71</b>
PZC 18	<b>25.00</b>	<b>15.25</b>	<b>0.375</b>	<b>0.375</b>	<b>50.4</b>	<b>24.2</b>	<b>532.2</b>	<b>255.5</b>	<b>69.8</b>	<b>33.5</b>	<b>5.60</b>
	<b>635</b>	<b>387</b>	<b>9.5</b>	<b>9.5</b>	<b>75.1</b>	<b>118.2</b>	<b>22,150</b>	<b>34,890</b>	<b>1,145</b>	<b>1,800</b>	<b>1.71</b>
PZC 19	25.00	15.30	0.420	0.420	55.0	26.4	576.3	276.6	75.3	36.1	5.60
	<b>635</b>	<b>388</b>	<b>10.7</b>	<b>10.7</b>	<b>81.8</b>	<b>128.8</b>	<b>23,990</b>	<b>37,780</b>	<b>1,235</b>	<b>1,945</b>	<b>1.71</b>
PZC 25	27.88	17.66	0.485	0.560	69.4	29.9	938.7	404.1	106.3	45.7	6.15
	<b>708</b>	<b>449</b>	<b>12.3</b>	<b>14.2</b>	<b>103.3</b>	<b>145.9</b>	<b>39,070</b>	<b>55,190</b>	<b>1,740</b>	<b>2,455</b>	<b>1.87</b>
PZC 26	<b>27.88</b>	<b>17.70</b>	<b>0.525</b>	<b>0.600</b>	<b>73.9</b>	<b>31.8</b>	<b>994.3</b>	<b>428.1</b>	<b>112.4</b>	<b>48.4</b>	<b>6.15</b>
	<b>708</b>	<b>450</b>	<b>13.3</b>	<b>15.2</b>	<b>110.0</b>	<b>155.4</b>	<b>41,390</b>	<b>58,460</b>	<b>1,840</b>	<b>2,600</b>	<b>1.87</b>
PZC 28	27.88	17.75	0.570	0.645	79.0	34.0	1,057	455.1	119.1	51.3	6.15
	<b>708</b>	<b>451</b>	<b>14.5</b>	<b>16.4</b>	<b>117.6</b>	<b>166.1</b>	<b>44,000</b>	<b>62,150</b>	<b>1,950</b>	<b>2,755</b>	<b>1.87</b>
PZC 37	22.50	21.02	0.488	0.563	69.6	37.1	1,349	719.6	128.4	68.5	6.15
	<b>572</b>	<b>534</b>	<b>12.4</b>	<b>14.3</b>	<b>103.6</b>	<b>181.2</b>	<b>56,160</b>	<b>98,270</b>	<b>2,100</b>	<b>3,680</b>	<b>1.87</b>
PZC 39	<b>22.50</b>	<b>21.05</b>	<b>0.525</b>	<b>0.600</b>	<b>74.0</b>	<b>39.5</b>	<b>1,429</b>	<b>762.1</b>	<b>135.6</b>	<b>72.3</b>	<b>6.15</b>
	<b>572</b>	<b>535</b>	<b>13.3</b>	<b>15.2</b>	<b>110.2</b>	<b>192.8</b>	<b>59,480</b>	<b>104,100</b>	<b>2,220</b>	<b>3,890</b>	<b>1.87</b>
PZC 41	22.50	21.09	0.561	0.636	78.4	41.8	1,507	803.6	142.7	76.1	6.15
	<b>572</b>	<b>536</b>	<b>14.2</b>	<b>16.2</b>	<b>116.6</b>	<b>204.1</b>	<b>62,720</b>	<b>109,700</b>	<b>2,340</b>	<b>4,090</b>	<b>1.87</b>

Available Grades: ASTM A572 Gr. 50 and 60, A588 and A690

+Values stated are nominal

\*Both sides of sheet: excludes socket interior and ball interlock

**PZC™ is a trademark of Gerdau**

Section	Per Single Section						Per Unit of Wall			
	Normal Width	Plate Size	Area	Weight	Total Surface Area	Nominal Coating Area*	Weight		Moment of Inertia	Section Modulus
							Full Length Plates	Half Length Plates		
in.	in.	in <sup>2</sup>	lb / ft	ft <sup>2</sup> / lin ft	ft <sup>2</sup> / lin ft	lb / ft <sup>2</sup>	lb / ft <sup>2</sup>	in <sup>4</sup> / ft	in <sup>3</sup> / ft	
mm	mm	mm <sup>2</sup>	kg / m	m <sup>2</sup> / m	m <sup>2</sup> / m	kg / m <sup>2</sup>	kg / m <sup>2</sup>	cm <sup>4</sup> / m	cm <sup>3</sup> / m	
PZC 46-CP (PZC39)	<b>22.5</b>	<b>3 x 0.500</b>	<b>24.76</b>	<b>84.2</b>	<b>6.82</b>	<b>6.32</b>	<b>44.9</b>	<b>42.1</b>	<b>947.8</b>	<b>86.0</b>
	<b>572</b>	<b>76 x 13</b>	<b>159.8</b>	<b>125.2</b>	<b>2.08</b>	<b>1.93</b>	<b>219.3</b>	<b>205.6</b>	<b>129,400</b>	<b>4,630</b>
PZC 48-CP (PZC39)	<b>22.5</b>	<b>3 x 0.625</b>	<b>25.51</b>	<b>86.7</b>	<b>6.86</b>	<b>6.36</b>	<b>46.3</b>	<b>42.9</b>	<b>997.0</b>	<b>89.4</b>
	<b>572</b>	<b>76 x 16</b>	<b>164.6</b>	<b>129</b>	<b>2.09</b>	<b>1.94</b>	<b>226.1</b>	<b>209.5</b>	<b>136,100</b>	<b>4,810</b>
PZC 50-CP (PZC39)	<b>22.5</b>	<b>3 x 0.8125</b>	<b>26.64</b>	<b>90.6</b>	<b>6.92</b>	<b>6.42</b>	<b>48.3</b>	<b>43.9</b>	<b>1,073.0</b>	<b>94.6</b>
	<b>572</b>	<b>76 x 21</b>	<b>171.9</b>	<b>134.8</b>	<b>2.11</b>	<b>1.96</b>	<b>235.9</b>	<b>214.4</b>	<b>146,400</b>	<b>5,090</b>

Available Grades: ASTM A572 Gr. 50

\*Excludes socket interior and ball interlock

• Fillet weld should be sized to adequately resist design loads and should be continuous and all around.

• Cover plate length depends upon moment curve. Best economy is obtained when plate length is limited to area of high moment.