


Note: Dimensional tolerances per ASTM D3917

| Imperial Units           |         |                 | Metric Units             |           |                 |  | Part Description:                  |   |
|--------------------------|---------|-----------------|--------------------------|-----------|-----------------|---|------------------------------------|---|
| Cross Section Properties |         |                 | Cross Section Properties |           |                 |   | 8" x 8" x 3/8"<br>Wide Flange Beam |   |
| Area                     | 8.815   | in <sup>2</sup> | Area                     | 5.687E+03 | mm <sup>2</sup> | Part Number:  |                                    |   |
| I <sub>x</sub>           | 100.349 | in <sup>4</sup> | I <sub>x</sub>           | 4.177E+07 | mm <sup>4</sup> | Pultex® IW860   |                                    |   |
| I <sub>y</sub>           | 31.654  | in <sup>4</sup> | I <sub>y</sub>           | 1.318E+07 | mm <sup>4</sup> | Units:  | Scale:                             |   |
| I <sub>xy</sub>          | 0       | in <sup>4</sup> | I <sub>xy</sub>          | 0         | mm <sup>4</sup> | Imperial/Metric   | Full                               |   |
| S <sub>x</sub>           | 25.087  | in <sup>3</sup> | S <sub>x</sub>           | 4.111E+05 | mm <sup>3</sup> |   |                                    | CREATIVE PULTRUSIONS INC.<br>214 Industrial Lane<br>Alum Bank, Pennsylvania 15521<br>www.creativepultrusions.com<br>(814) 839-4186 (888) CPI-PULL |
| S <sub>y</sub>           | 7.914   | in <sup>3</sup> | S <sub>y</sub>           | 1.297E+05 | mm <sup>3</sup> | All information herein for reference only   |                                    |   |
| r <sub>x</sub>           | 3.374   | in              | r <sub>x</sub>           | 8.570E+01 | mm              |   |                                    |   |
| r <sub>y</sub>           | 1.895   | in              | r <sub>y</sub>           | 4.813E+01 | mm              |   |                                    |   |