



**SECTIONAL PROPERTIES**

Area 289.6 mm<sup>2</sup>  
 Centroid Relative to Origin  
 C<sub>x</sub> 0.0 mm  
 C<sub>y</sub> 11.2 mm  
 Second Moment of Area  
 I<sub>x</sub> 69,782.6 mm<sup>4</sup>  
 I<sub>y</sub> 95,794.7 mm<sup>4</sup>  
 Polar Moment of Inertia  
 J<sub>z</sub> 1,027,177.3 mm<sup>4</sup>

| VERTEX LIBRARY     |              |
|--------------------|--------------|
| STRUCTURE LIBRARY  |              |
| PROFILE NAME       |              |
| CSV PROFILE NAME C |              |
| CSV PROFILE NAME U |              |
| KEY                | CSV NAME     |
| A                  | TAB          |
| B                  | LIP_CUT      |
| C                  | BOLT         |
| D                  | SERVICE_HOLE |
| E                  | WEB          |
| F                  | NOTCH        |
| G                  | DIMPLE       |
| H                  | SWAGE        |
| I                  | TRUSS_END    |

Note:  
 Non-specified Tolerances ± 0.1mm

| ISSUE | NOTES | DATE |
|-------|-------|------|
|       |       |      |

|   |  |                 |   |
|---|--|-----------------|---|
| TOLERANCES                                  |  | TITLE           |   |
| XX = ± 1.0                                  |  | RFS 150         |   |
| XX.X = ± 0.1                                |  | MATERIAL        | STRIP WIDTH   |
| XX.XX = ± 0.03                              |  | 1.15            | 251   |
| STANDARD TOLERANCES UNLESS OTHERWISE STATED |  | FINISH          |   |
|   |  | G500 Z275 Galv. |   |
|   |  | DRAWN           | ALL DIMENSIONS ARE IN mm. - UNLESS OTHERWISE STATED. DO NOT SCALE - IF IN DOUBT, ASK. |
|   |  | T. Cornwall     |   |
|   |  | 29/11/2017      |   |
|   |  | CHECKED         |   |
|   |  | APPROVED        | SCALE 1:1.2   |

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