1 - THE TECHNICAL DATA PRESENTED IN THIS SHEET IS INTENDED AS AN AID TO THE DESIGN PROFESSIONAL AND SHOULD NOT BE USED TO REPLACE THE JUDGEMENT OF A QUALIFIED ENGINEER OR ARCHITECT.

2 - SECTION PROPERTIES ARE COMPUTED ON THE BASIS OF THE DESIGN THICKNESS SHOWN IN THE TABLES. DESIGN THICKNESSES ARE EXCLUSIVE OF COATING.

3 - STRUCTURAL PROPERTIES ARE COMPUTED IN ACCORDANCE WITH CAN/CSA S136-03 NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS.

4 - PERFORATIONS ARE ASSUMED TO BE LOCATED AT MID DEPTH AND SPACED AT A MINIMUM OF 24" O.C. THE DISTANCE FROM THE CENTERLINE OF THE LAST PERFORATION TO THE END OF A WALL STUD OR JOIST IS ASSUMED TO BE 12" MINIMUM.

### Dimensions

<table>
<thead>
<tr>
<th>Joint Designation</th>
<th>Thickness (in)</th>
<th>Depth (in)</th>
<th>Flange (in)</th>
<th>Lip (in)</th>
<th>Weight (lbs/ft)</th>
<th>Yield (ksi)</th>
<th>Area (in²)</th>
<th>X c.g. (in)</th>
<th>Xo (in)</th>
<th>Cw (ksi)</th>
<th>J (in)</th>
<th>J (in)</th>
<th>rx (in)</th>
<th>ry (in)</th>
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### Perforated Properties

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</table>

### Perforated Properties

- Mrx: Moment of Resistance in the X direction (kip-in)
- Lu: Unit Load (kip/ft)
- Myx web.comp.: Moment of Resistant in the X direction for web components (ksi)
- Myx lips.comp.: Moment of Resistant in the X direction for lips components (ksi)
- Shear Vr: Shear for R values (kips)
- Web Cripp Pr: Web Cripple Plate (ips)
- Ix: Second Moment of Area about the X-axis (in4)
- Iy: Second Moment of Area about the Y-axis (in4)
- Sf: Factor of Safety
- Mxweb.comp.: Moment of Resistance in the X-direction for web components (in.kip)
- Mx lips.comp.: Moment of Resistance in the X-direction for lips components (in.kip)
- Shear Vr: Shear for web components (kips)
- Defl.: Deflection (in)

### Specifications for Cold Formed Steel Joists Typically Used with AmDeck

- **Drawing Scale:** 1" = 1'-0"
- **Creation Date:** MAY. 2006
- **Item Number:**
- **Drawing ID Number:** AMD-SPC-001