


**CEE SECTION PROPERTIES**

<b>CEE SECTION PHYSICAL PROPERTIES</b>						
SIZE	D (IN)	B (IN)	L (IN)	T (IN)	WGT (LB/FT)	A (IN <sup>2</sup> )
8.5 C 16	8.5	2.5	0.900	0.058	2.898	0.852
8.5 C 14	8.5	2.5	0.900	0.075	3.727	1.096

<b>CEE SECTION FULL PROPERTIES</b>							
SIZE	I <sub>x</sub> (IN <sup>4</sup> )	r <sub>x</sub> (IN)	I <sub>y</sub> (IN <sup>4</sup> )	r <sub>y</sub> (IN)	J (IN <sup>4</sup> )	C <sub>w</sub> (IN <sup>6</sup> )	r <sub>o</sub> (IN)
8.5 C 16	9.019	3.253	0.724	0.921	0.000956	10.766	3.817
8.5 C 14	11.528	3.243	0.914	0.913	0.002055	13.515	3.798

<b>CEE SECTION EFFECTIVE PROPERTIES</b>								
SIZE	I <sub>x</sub> (IN <sup>4</sup> )	S <sub>xc</sub> (IN <sup>3</sup> )	S <sub>xt</sub> (IN <sup>3</sup> )	M <sub>n</sub> (K IN)	M <sub>a</sub> (K IN)	V <sub>a</sub> (KIPS)	DEFL. I <sub>x</sub> (IN <sup>4</sup> )	A <sub>e</sub> (IN <sup>2</sup> )
8.5 C 16	8.401	1.886	2.077	103.717	62.106	2.077	9.019	0.468
8.5 C 14	11.256	2.608	2.690	143.426	85.884	4.510	11.528	0.682

**NOTES:**

- SECTION PROPERTIES ARE CALCULATED IN ACCORDANCE WITH THE 1996 AISI SPECIFICATION AND THE 1999 SUPPLEMENT FOR THE DESIGN OF COLD FORMED STEEL MEMBERS.
- BENDING ALLOWABLES SHOWN MAY BE UTILIZED FOR MEMBERS HAVING THE COMPRESSION FLANGE CONTINUOUSLY FASTENED TO DECK OR SHEATHING.