



ZEE SECTION PROPERTIES

ZEE SECTION PHYSICAL PROPERTIES						
SIZE	D (IN)	B (IN)	L (IN)	T (IN)	WGT (LB/FT)	A (IN ²)
8.5 Z 16	8.5	2.5	0.900	0.058	2.944	0.866
8.5 Z 14	8.5	2.5	0.900	0.075	3.793	1.115

ZEE SECTION FULL PROPERTIES							
SIZE	I _x (IN ⁴)	r _x (IN)	I _y (IN ⁴)	r _y (IN)	J (IN ⁴)	C _w (IN ⁶)	r _o (IN)
8.5 Z 16	9.344	3.285	1.359	1.253	0.000971	17.445	3.516
8.5 Z 14	11.977	3.277	1.733	1.246	0.002091	22.146	3.506

ZEE SECTION EFFECTIVE PROPERTIES								
SIZE	I _x (IN ⁴)	S _{xc} (IN ³)	S _{xt} (IN ³)	M _n (K IN)	M _a (K IN)	V _x (KIPS)	DEFL. I _x (IN ⁴)	A _e (IN ²)
8.5 Z 16	8.358	1.828	2.129	100.519	60.191	2.077	9.344	0.450
8.5 Z 14	11.211	2.534	2.751	139.341	83.438	4.510	11.977	0.644

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.