



AISC Name = **S8X18.4**

EDI Name = **S8X18.4**

Detailing Dimensions:

d = 8	a = 1-7/8
Flg Width, bf = 4	T = 6
Flg Thk, tf = 7/16	k = 1
Web Thk, tw = 1/4	k1 = 3/4
1/2 Web, tw/2 = 1/16	
d-2tf = 7-1/8	Gage = 2-1/4

Design Properties:

Special Note = F	t _{des} = 0	D/t = 0	J = 0.335
W = 18.4	k _{des} = 1	F _Y ''' = 0	C _w = 52.9
A = 5.4	k _{det} = 1	X1 = 3740	C = 0
d = 8	k1 = 0	X2 = 845	W _{no} = 7.58
Ht = 0	x = 0	I _x = 57.5	S _w = 3.22
OD = 0	y = 0	Z _x = 16.5	Q _f = 3
bf = 4	e0 = 0	S _x = 14.4	Q _w = 8.17
b = 0	x _p = 0	r _x = 3.26	r _o = 0
ID = 0	y _p = 0	I _y = 3.69	H = 0
tw = 0.271	bf/2tf = 4.71	Z _y = 3.18	tan_alpha = 0
tf = 0.425	B/t = 0	S _y = 1.84	Q _s = 0
t = 0	h/tw = 22.9	r _y = 0.827	Surface = 2.45555055158635
tnom = 0	h/t = 0	r _z = 0	Slope = 9.462322208