


Note: Dimensional tolerances per ASTM D3917

Imperial Units			Metric Units			 CREATIVE PULTRUSIONS	Part Description:	
Cross Section Properties			Cross Section Properties				12" x 12" x 1/2" Wide Flange Beam	
Area	17.671	in <sup>2</sup>	Area	1.140E+04	mm <sup>2</sup>		Part Number:	
I <sub>x</sub>	457.255	in <sup>4</sup>	I <sub>x</sub>	1.903E+08	mm <sup>4</sup>	Pultex® IW982		
I <sub>y</sub>	142.593	in <sup>4</sup>	I <sub>y</sub>	5.935E+07	mm <sup>4</sup>	Units:	Scale:	
I <sub>xy</sub>	0	in <sup>4</sup>	I <sub>xy</sub>	0	mm <sup>4</sup>	Imperial/Metric	Full	
S <sub>x</sub>	76.209	in <sup>3</sup>	S <sub>x</sub>	1.249E+06	mm <sup>3</sup>			All information herein for reference only
S <sub>y</sub>	23.766	in <sup>3</sup>	S <sub>y</sub>	3.895E+05	mm <sup>3</sup>			
r <sub>x</sub>	5.087	in	r <sub>x</sub>	1.292E+02	mm			
r <sub>y</sub>	2.841	in	r <sub>y</sub>	7.216E+01	mm			

CREATIVE PULTRUSIONS INC.  
214 Industrial Lane  
Alum Bank, Pennsylvania 15521  
www.creativepultrusions.com  
(814) 839-4186 (888) CPI-PULL