



<b>4"x4" HDG Hollow Structural</b>	
<b>Axis X-X</b>	<b>Value</b>
I (Moment of Inertia)	4.40 in <sup>4</sup>
S (Section Modulus)	2.20 in <sup>3</sup>
r (Radius of Gyration)	1.580 in
Z (Plastic Modulus)	2.560 in <sup>3</sup>
<b>Axis Y-Y</b>	<b>Value</b>
I (Moment of Inertia)	4.40 in <sup>4</sup>
S (Section Modulus)	2.20 in <sup>3</sup>
r (Radius of Gyration)	1.580 in
Z (Plastic Modulus)	2.560 in <sup>3</sup>
Wall Thickness	0.116 in
Area	1.770 in <sup>2</sup>
Weight	6.448 plf

<b>5"x4" HDG Hollow Structural</b>	
<b>Axis X-X</b>	<b>Value</b>
I (Moment of Inertia)	7.42 in <sup>4</sup>
S (Section Modulus)	2.97 in <sup>3</sup>
r (Radius of Gyration)	1.93 in
Z (Plastic Modulus)	3.50 in <sup>3</sup>
<b>Axis Y-Y</b>	<b>Value</b>
I (Moment of Inertia)	5.27 in <sup>4</sup>
S (Section Modulus)	2.64 in <sup>3</sup>
r (Radius of Gyration)	1.62 in
Z (Plastic Modulus)	3.01 in <sup>3</sup>
Wall Thickness	0.116 in
Area	2.00 in <sup>2</sup>
Weight	7.298 plf

<b>Part Number</b>	<b>Description</b>	<b>Material</b>	<b>Yield Strength</b>	<b>Finish</b>
TS5418.75	5"x4" HDG Rectangular Hollow Structural Section (HSS), 1/8" wall, 18.75' Long	ASTM A500 high yield	60 ksi yield minimum	Hot Dipped Galvanized to ASTM A123 / A123M
TS5420	5"x4" HDG Rectangular Hollow Structural Section (HSS), 1/8" wall, 20' Long			
TS4418.75	4"x4" HDG Rectangular Hollow Structural Section (HSS), 1/8" wall, 18.75' Long			
TS4420	4"x4" HDG Rectangular Hollow Structural Section (HSS), 1/8" wall, 20' Long			