



HOT ROLLED STRUCTURAL STEEL, HIGH STRENGTH, AND ULTRA HIGH STRENGTH GRADES

WCI Steel's hot rolled Structural Steel (SS), High Strength (HSLAS, HSLAS-F), And Ultra High Strength (UHSS) grades are available in both carbon and low-alloy grades. They can be utilized where strengths, higher than those traditionally found in low-carbon steels, are required. HSLAS/HSLAS-F grades have better formability and weldability than conventional carbon steels of a similar strength level. Certain custom HSLAS/HSLAS-F grades also have better atmospheric corrosion resistance than conventional carbon steel. They are available as unprocessed or processed sheets.

Grades (SS): WCI 035SK through WCI 055SK

Grades (HSLAS / HSLAS-F): WCI 040XK/XF through WCI 060XK/XF, and WCI 070XF through WCI 080XF or association equivalents.

Grades (UHSS, HR): WCI 090XF, WCI 100XF (Hot Roll WCI 110XF – Please inquire for availability).

Size Range: Mill edge capabilities are 3/4" greater than those stated below.

Coil ID: 30" unprocessed, 20" or 24" available for processed coils.

Coil Weights: Subject to slab weight and welding restrictions.

Applicable Specifications: ASME SA414, ASTM A414, ASTM A606, ASTM A1011, ASTM A1018, SAE J1392, SAE J2340.

HOT-ROLLED SHEET

Structural Steels – Cut Edge

Maximum Width by Grade

Thickness Range Ordered Minimums	035-036-040		045-050-055	
	SK	Pickled *	SK	Pickled *
0.061"-0.069"	42 ½"	42 ½"	38"	38"
0.070"-0.078"	44 ½"	44 ½"	42 ½"	42 ½"
0.079"-0.085"	44 ½"	44 ½"	44 ½"	44 ½"
0.086"-0.099"	48"	48"	45"	45"
0.100"-0.187"	48 ½"	48 ½"	48 ½"	48 ½"
0.188"-0.250"	48 ½"	39 ½"	48 ½"	39 ½"
0.251"-0.257"	48 ½"	39 ½"	-	-
0.258"-0.379"	48 ½"	-	-	-
0.380"-0.500"	47 ¾"	-	-	-



HOT-ROLLED SHEET

Pressure Vessel Quality – ASTM A414 / ASME SA414 - Cut Edge

Maximum Width by Grade

Thickness Range Ordered Minimums	Grades A & B		Grades C & D		Grades E, F & G	
	PHR	Pickled *	PHR	Pickled *	PHR	Pickled *
0.061"-0.069"	46 ¼"	46 ¼"	42 ½"	42 ½"	32"	32"
0.070"-0.078"	48 ½"	48 ½"	44 ½"	44 ½"	36"	36"
0.079"-0.085"	48 ½"	48 ½"	44 ½"	44 ½"	37 ½"	37 ½"
0.086"-0.099"	48 ½"	48 ½"	48"	48"	44"	44"
0.100"-0.187"	48 ½"	48 ½"	48 ½"	48 ½"	48 ½"	48 ½"
0.188"-0.257"	48 ½"	39 ½"	48 ½"	39 ½"	48 ½"	39 ½"
0.258"-0.270"	48 ½"	-	48 ½"	-	48 ½"	-

Notes: PVQ product must be ordered as a processed sheet due to the testing requirements.

HOT-ROLLED SHEET

High Strength Low Alloy Steels – Cut Edge

Maximum Width by Grade

Thickness Range Ordered Minimums	040-045-050-055 XK / XF		060 XK / XF		070-080 XF	
	PHR	Pickled *	PHR	Pickled *	PHR	Pickled *
0.071"-0.074"	36"	36"	36"	36"	36"	36"
0.075"-0.081"	36"	36"	36"	36"	36"	36"
0.082"-0.092"	42"	42"	37 ½"	37 ½"	36 ½"	36 ½"
0.093"-0.114"	42"	42"	37 ½"	37 ½"	37 ¼"	37 ¼"
0.115"-0.149"	42"	42"	41"	41"	39 7/8"	39 7/8"
0.150"-0.180"	42 ½"	42 ½"	42 ½"	42 ½"	42 ½"	42 ½"
0.181"-0.214"	42 ½"	39 ½"	42 ½"	39 ½"	42 ½"	39 ½"
0.215"-0.257"	46"	39 ½"	46"	39 ½"	46"	27"
0.258"-0.350"	46"	-	46"	-	46"	-
0.351"-0.625"	48"	-	46"	-	42 ½"	-

HOT-ROLLED SHEET

High Strength Low Alloy Steels — Cut Edge

Maximum Width by Grade

Thickness Range Ordered Minimums	090 XF		100 XF	
	PHR	Pickled *	PHR	Pickled *
0.075"-0.081"	36"	36"	-	-
0.082"-0.092"	36 ½"	36 ½"	-	-
0.093"-0.114"	36 ¾"	36 ¾"	-	-
0.115"-0.149"	38 ½"	38 ½"	38 ½"	38 ½"
0.150"-0.214"	42 ½"	39 ½"	42 ½"	39 ½"
0.215"-0.250"	46"	27"	46"	27"
0.251"-0.257"	42 ½"	27"	42 ½"	27"
0.258"-0.500"	42 ½"	-	-	-



Notes: * These widths represent WCI Steel's current in-house pickling capability at the maximum hot rolled width available. All other items within plain hot-rolled capabilities will be handled by an outside processor.

Temper Pass: Gauges through 0.090" require a temper pass and must be ordered as such. This applies to Carbon, Structural Steel, HSLAS, and PVQ product.

Not responsible for rust on pickle dry product.