



HOT ROLLED CARBON GRADES

WCI Steel's hot rolled carbon steels are used in a wide variety of applications and available as unprocessed or processed sheets. The latter includes most combinations of cut edge, temper passed, multi-slit, pickled or cut-to-length. They also can be produced as low-sulfur and/or with inclusion shape control (ULTIMET™) using WCI Steel's ladle metallurgy process for high-purity sheet steel.

Grades: SAE Grades from 0.02% to 0.30% maximum Carbon.

Qualities Available: Commercial Steel (CS), Drawing Steel (DS), Structural Steel (SS), Specified Hardness (Available as Min / Max, or Rockwell B 15 Point Min Range Required), Non-Scalloping.

Size Range, Inches: 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: ASTM A635, ASTM A1011, ASTM A1018, SAE J403.

HOT-ROLLED SHEET

Carbon Grades – Cut Edge
Maximum Width by Carbon Content
Plain Hot-Rolled and Pickled

Thickness Range Ordered Minimums	Thru 0.15% C		0.16/0.20% C		0.21/0.25% C		0.26/0.30% C	
	PHR	Pickled*	PHR	Pickled*	PHR	Pickled*	PHR	Pickled*
0.058"-0.060"	34"	34"	30"	30"	30"	30"	30"	30"
0.061"-0.069"	46 1/4"	46 1/4"	42 1/2"	42 1/2"	38"	38"	32"	32"
0.070"-0.078"	48 1/2"	48 1/2"	44 1/2"	44 1/2"	42 1/2"	42 1/2"	37 1/2"	37 1/2"
0.079"-0.085"	48 1/2"	48 1/2"	44 1/2"	44 1/2"	44 1/2"	44 1/2"	37 1/2"	37 1/2"
0.086"-0.099"	48 1/2"	48 1/2"	48"	48"	45"	45"	44"	44"
0.100"-0.187"	48 1/2"	48 1/2"	48 1/2"	48 1/2"	48 1/2"	48 1/2"	48 1/2"	48 1/2"
0.188"-0.257"	48 1/2"	39 1/2"	48 1/2"	39 1/2"	48 1/2"	39 1/2"	48 1/2"	39 1/2"
0.258"-0.680" **	48 1/2"	-	48 1/2"	-	48 1/2"	-	48 1/2"	-

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.

** Inquires over 0.680" gauge are being accepted on these low carbon grades.

Non-Scalloping must be ordered as cut edge only.

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.

Product must be ordered as pickled on anneal orders.

Not responsible for rust on pickle dry product.