



## COLD ROLLED GRADES

WCI Steel offers cold rolled sheet in a broad range of carbon, structural, high strength and HSLA grades. Cold rolled sheets are specified for applications where gauge, surface, and formability characteristics are of major importance. Cold rolled high-strength steels also offer good strength-to-weight ratios. They can also be produced as low-sulfur and/or with inclusion-shape control (ULTIMET™) using WCI Steel's ladle metallurgy process for high-purity steel sheet.

### Carbon, Structural and High Strength Products are available.

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

**Grades (SS):** WCI 030SK through WCI 045SK.

**Grades (HSLAS / HSLAS-F):** WCI 040XK / XF through WCI 060XK / XF, and WCI 065XF through WCI 070XF or association equivalents (Cold Roll WCI 080XF – Please Inquire).

**Grades (UHSS, CR):** WCI 090XF, WCI 100XF, WCI 120XF, WCI 135XF (Cold Roll WCI 140XF – Please Inquire).

**Qualities Available:** Commercial Steel (CS), Drawing Steel (DS), Deep Drawing Steel (DDS), Specified Hardness (Available as Min / Max, or Rockwell B 15 Point Min Range Required), Structural Steel (SS), Full Hard Processed, Full Hard Unprocessed.

**Finishes:** Light Matte (25-35 AA Typical), Regular Matte (40-60 AA Typical), Rough Matte (60-90 AA Typical). Note that surface finish ranges are not guaranteed.

**Options:** Mill Oil, Prelube, Edge Sealant, Tension Level, Vanishing Oil.

**Coil ID:** 20" or 24" Available.

**Coil Weights:** Subject to slab weight and welding restrictions.

**Applicable Specifications:** ASTM A1008, SAE J403, SAE J1392, SAE J2340

## COLD ROLLED SHEET

Product (by SAE Grades)	Thickness Range Ordered Minimums	Maximum Width
<b>Commercial Steel (CS) – SAE 1020 and Lower</b>	0.015"-0.017"	42"
<b>DS, DDS – SAE 1015 and Lower</b>	0.018"-0.125"	48 ½"
<b>Full Hard or Specified Hardness</b>		
SAE 1012 and Lower	0.015"-0.017"	42"
Rockwell B 65 Max or Lower	0.018"-0.125"	48 ½"
Rockwell B 55 Min – 75 Max		
SAE 1015 Through SAE 1020	0.015"-0.017"	42"
Rockwell B 55 Min – 75 Max	0.018"-0.029"	44 ½"
	0.030"-0.036"	48"
	0.037"-0.125"	48 ½"
SAE 1017 Through SAE 1021 (0.25% Max Carbon)	0.018"-0.023"	44 ½"
Rockwell B 65 Min and Higher	0.0231"-0.031"	46 ¼"
	0.0311"-0.125"	48 ½"
<b>Prop Shaft</b>	0.060"-0.110"	42"

## COLD-ROLLED SHEET

Product	Thickness Range Ordered Minimums	Thickness Range Ordered Minimums
		<b>Structural Steel</b>
030 SK	0.018"-0.125"	48 ½"
035-037-040-045 SK	0.018"-0.029"	36"
	0.030"-0.064"	42"
	0.065"-0.125"	48"
	<b>High Strength Low Alloy Steel</b>	
040-045-050 XK / XF	0.030"-0.040"	36"
	0.041"-0.057"	37 ½"
	0.058"-0.090"	38"
055-060 XK / XF, 065-070 XF	0.030"-0.040"	36"
	0.041"-0.046"	36 ½"
	0.047"-0.057"	36 ¾"
	0.058"-0.090"	38"
	<b>Ultra High Strength Steel</b>	
090 XF	0.030"-0.040"	36"
	0.041"-0.090"	38"
100 XF	0.045"-0.051"	37 ½"
	0.052"-0.090"	38"
120 XF, 135 XF	0.045"-0.055"	38"
	0.056"-0.100"	39 ¼"
140 XF	Please Inquire	

**Notes:** Maximum widths shown are based on maximum hot roll width available for the product.