

# Hot Rolled Automotive Products



**U. S. Steel Canada**  
A Subsidiary of United States Steel

## A New Generation of High-Performance Steels

U. S. Steel Canada produces high-performance steels for the demanding needs of global automotive companies with North American manufacturing and assembly facilities. Our automotive portfolio features a new generation of hot rolled steels engineered to meet rising expectations from our customers.

### Formable Hot Rolled Steels

These steels are suitable for severe forming, bending, and drawing.

Available Grades: CS, DS, HRO, HR1, HR2, HR3\*, SPH270C, SPH270D, SPH270E, 10B25.



### Size Availability:

Thickness\*\*: 0.080" – 0.0635" (2.0mm – 16.0mm)

Max. Width\*\*: 74.7" (1897mm)

\*Please inquire.

\*\*Some grades may not be available across full gauge and width range.



### High Strength Hot Rolled Steels

The application of hot rolled high strength steels permits the down gauging of components without compromising material performance. In return, considerable cost savings can be realized from weight savings and the entire process route from material delivery to final component application. Typical applications include wheel discs and rims, frames and other automotive components.

Available Grades:

- High Strength Low Alloy Steels (HSLA) with minimum yield strength ranging from 35ksi to 100ksi, in 5ksi increments (ASTM A 1011, ASTM A 1018, SAE J1392, SAE J2340)
- SAPH 370, SAPH 440 (JIS G3113)
- SPFH 540, SPFH 590\* (JIS G3134)

### SPECIAL FEATURES

#### Mechanical Property Consistency

The Coilbox is a major advance in the science of hot strip rolling. This technology was invented in the 1970s as a method of reducing variations at the inner wrap and coil edges resulting in nearly constant temperature into the finishing mill. The final result to our customers is best-in-class consistency of mechanical properties.



**Lake Erie Works**  
**U. S. Steel Canada**  
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