

# Cold-Rolled

Algoma's cold-rolled sheet steel is produced by processing hot-rolled sheet through a cold reduction mill, which enhances surface finish, dimensional accuracy, and mechanical properties.

## SAE 1006/1008 COMMERCIAL STEEL

GRADES: ASTM A1008 CS TYPE A, B, C   SAE J403 1006, 1008		
STANDARD WIDTHS	NOMINAL GAUGE	
IN (MM)	MIN IN (MM)	MAX IN (MM)
30 (762)	0.020 (0.51)	0.133 (3.37)
36 (915)	0.020 (0.51)	0.133 (3.37)
42 (1,067)	0.020 (0.51)	0.133 (3.37)
48 (1,219)	0.020 (0.51)	0.133 (3.37)
54 (1,372)	0.020 (0.51)	0.133 (3.37)
60 (1,524)	0.020 (0.51)	0.133 (3.37)
66 (1,676)	0.029 (0.73)	0.133 (3.37)
72 (1,828)	0.031 (0.78)	0.133 (3.37)

## SAE 1006/1008 DRAWING STEEL & SEVERE FORMING APPLICATION

GRADES: ASTM A1008 CS TYPE A, B, C   SAE J403 1006, 1008		
STANDARD WIDTHS	NOMINAL GAUGE	
IN (MM)	MIN IN (MM)	MAX IN (MM)
30 (762)	0.020 (0.51)	0.115 (2.91)
36 (915)	0.020 (0.51)	0.115 (2.91)
42 (1,067)	0.020 (0.51)	0.115 (2.91)
48 (1,219)	0.020 (0.51)	0.115 (2.91)
54 (1,372)	0.020 (0.51)	0.115 (2.91)
60 (1,524)	0.020 (0.51)	0.115 (2.91)
66 (1,676)	0.033 (0.83)	0.115 (2.91)
72 (1,828)	0.036 (0.91)	0.115 (2.91)



**ALGOMA**  
— STEEL INC. —

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### REGIONAL SALES

Calgary T: 403.620.2843  
Montreal T: 514.694.9558  
Vancouver T: 778.887.1560  
US T: 219.229.8322

## SAE 1010/1017 COMMERCIAL STEEL

GRADES: SAE J403 1010, 1012, 1015, 1016, 1017		
STANDARD WIDTHS	NOMINAL GAUGE	
IN (MM)	MIN IN (MM)	MAX IN (MM)
30 (762)	0.020 (0.51)	0.121 (3.06)
36 (915)	0.020 (0.51)	0.121 (3.06)
42 (1,067)	0.020 (0.51)	0.121 (3.06)
48 (1,219)	0.020 (0.51)	0.121 (3.06)
54 (1,372)	0.020 (0.51)	0.121 (3.06)
60 (1,524)	0.022 (0.56)	0.121 (3.06)
66 (1,676)	0.037 (0.94)	0.121 (3.06)
72 (1,828)	0.040 (1.01)	0.121 (3.06)

## SAE 1018/1022 COMMERCIAL STEEL

GRADES: SAE J403 1018, 1020, 1022		
STANDARD WIDTHS	NOMINAL GAUGE	
IN (MM)	MIN IN (MM)	MAX IN (MM)
30 (762)	0.025 (0.64)	0.064 (1.62)
36 (915)	0.025 (0.64)	0.064 (1.62)
42 (1,067)	0.025 (0.64)	0.064 (1.62)
48 (1,219)	0.025 (0.64)	0.064 (1.62)
51 (1,295)	0.026 (0.66)	0.064 (1.62)

## 40 KSI (280 MPA) HSLA FORMABLE STEEL

GRADES: SAE J1392 040XLK		
STANDARD WIDTHS	NOMINAL GAUGE	
IN (MM)	MIN IN (MM)	MAX IN (MM)
30 (762)	0.030 (0.76)	0.074 (1.88)
36 (915)	0.030 (0.76)	0.074 (1.88)
42 (1,067)	0.030 (0.76)	0.074 (1.88)
48 (1,219)	0.030 (0.76)	0.074 (1.88)
54 (1,372)	0.032 (0.81)	0.074 (1.88)
62 (1,575)	0.036 (0.91)	0.074 (1.88)

## 50 KSI (350 MPA) HSLA FORMABLE STEEL

GRADES: ASTM A1008 HSLAS-F 50   SAE J1392 050XLK, 050XLF		
STANDARD WIDTHS	NOMINAL GAUGE	
IN (MM)	MIN IN (MM)	MAX IN (MM)
30 (762)	0.030 (0.76)	0.074 (1.88)
36 (915)	0.030 (0.76)	0.074 (1.88)
42 (1,067)	0.030 (0.76)	0.074 (1.88)
48 (1,219)	0.030 (0.76)	0.074 (1.88)
54 (1,372)	0.032 (0.81)	0.074 (1.88)
62 (1,575)	0.036 (0.91)	0.074 (1.88)

## 60 KSI (420 MPA) HSLA FORMABLE STEEL

GRADES: ASTM A1008 HSLAS-F 60   SAE J2340 420XF		
STANDARD WIDTHS	NOMINAL GAUGE	
IN (MM)	MIN IN (MM)	MAX IN (MM)
30 (762)	0.045 (1.14)	0.060 (1.52)
36 (915)	0.045 (1.14)	0.060 (1.52)
42 (1,067)	0.045 (1.14)	0.060 (1.52)
48 (1,219)	0.045 (1.14)	0.060 (1.52)
54 (1,372)	0.045 (1.14)	0.060 (1.52)
62 (1,575)	0.045 (1.14)	0.057 (1.45)

## COLD FINISHED STEEL

*DSPC 700T: MEETS ASTM A 1011 UHSS GRADE 100 TYPE 1 GAUGE		
STANDARD WIDTHS	NOMINAL GAUGE	
IN (MM)	MIN IN (MM)	MAX IN (MM)
32 (800)	0.064 (1.63)	0.082 (2.08)
36 (915)	0.064 (1.63)	0.082 (2.08)
42 (1,067)	0.069 (1.75)	0.082 (2.08)
48 (1,219)	0.079 (2.00)	0.082 (2.08)

Note: Not all combinations of thickness, width and length are available due to other process constraints.

## MANUFACTURING TOLERANCES

Full ASTM Tolerances (A568) are available on all products. Improved Standard Tolerances are available by inquiry on all products produced from DSPC Hot Band.

## SURFACE FINISHES AVAILABLE

SURFACE FINISH	RA VALUE (IN) TYPICAL	PEAK COUNT (MIN)
Light Matte	25-35	75
Matte	30-60	100