

Hot Rolled Sheet - DSPC

Drawing Steel

SAE 1006/1008

Grades: ASTM A1011 DS Type A, B SAE J403 1006, 1008 ASTM A1018 DS Type A,B		
Standard Widths		Nominal Gauge
in (mm)	min in (mm)	max in (mm)
32 (800)	0.060 (1.5)	0.500 (12.7)
36 (915)	0.060 (1.5)	0.500 (12.7)
42 (1067)	0.060 (1.5)	0.500 (12.7)
48 (1219)	0.064 (1.6)	0.500 (12.7)
54 (1372)	0.072 (1.8)	0.500 (12.7)
60 (1524)	0.080 (2.0)	0.500 (12.7)
63 (1600)	0.084 (2.1)	0.500 (12.7)
Gauge Range (min) in	Standard Tolerance*	Available Tolerance**
0.060 - 0.220	1/2 ASTM Supplemental or +0.006 / -0.00	+0.005 / -0.00
> 0.220	1/2 ASTM Supplemental or +0.007 / -0.00	+0.006 / -0.00

Notes: * Lesser of 1/2 Supplemental ASTM (A568/A635) or stated tolerance.
 ** Available on processed coil with 100 NT minimum order quantity.



Commercial Steel

SAE 1006/1008 Commercial Steel

Grades: ASTM A1011 CS Type A, B, C, D SAE J403 1006, 1008 ASTM A1018 CS Type A, B		
Standard Widths	Nominal Gauge	
in (mm)	min in (mm)	max in (mm)
32 (800)	0.057 (1.4)	0.621 (15.8)
36 (915)	0.057 (1.4)	0.621 (15.8)
42 (1067)	0.057 (1.4)	0.621 (15.8)
48 (1219)	0.057 (1.4)	0.621 (15.8)
54 (1372)	0.057 (1.4)	0.621 (15.8)
60 (1524)	0.060 (1.5)	0.621 (15.8)
63 (1600)	0.063 (1.6)	0.621 (15.8)
Gauge Range (min) in	Standard Tolerance*	Available Tolerance**
0.057 - 0.220	1/2 ASTM Supplemental or +0.006 / -0.00	+0.005 / -0.00
> 0.220	1/2 ASTM Supplemental or +0.007 / -0.00	+0.006 / -0.00

Notes: * Lesser of 1/2 Supplemental ASTM (A568/A635) or stated tolerance.

** Available on processed coil with 100 NT minimum order quantity.

SAE 1018/1022

Grades: SAE J403 1018, 1020, 1021, 1022		
Standard Widths	Nominal Gauge	
in (mm)	min in (mm)	max in (mm)
32 (800)	0.069 (1.8)	0.624 (15.8)
36 (915)	0.069 (1.8)	0.624 (15.8)
42 (1067)	0.069 (1.8)	0.624 (15.8)
48 (1219)	0.069 (1.8)	0.624 (15.8)
54 (1372)	0.074 (1.9)	0.624 (15.8)
60 (1524)	0.082 (2.1)	0.624 (15.8)
63 (1600)	0.086 (2.2)	0.624 (15.8)
Gauge Range (min) in	Standard Tolerance*	Available Tolerance**
0.069 - 0.220	1/2 ASTM Supplemental or +0.006 / -0.00	+0.005 / -0.00
> 0.220	1/2 ASTM Supplemental or +0.007 / -0.00	+0.006 / -0.00

Notes: * Lesser of 1/2 Supplemental ASTM (A568/A635) or stated tolerance.

** Available on processed coil with 100 NT minimum order quantity.

SAE 1025/1035

Grades: SAE J403 1025, 1026, 1030, 1035		
Standard Widths	Nominal Gauge	
in (mm)	min in (mm)	max in (mm)
32 (800)	0.087 (2.2)	0.570 (14.5)
36 (915)	0.087 (2.2)	0.570 (14.5)
42 (1067)	0.087 (2.2)	0.570 (14.5)
48 (1219)	0.087 (2.2)	0.570 (14.5)
54 (1372)	0.090 (2.3)	0.570 (14.5)
60 (1524)	0.100 (2.5)	0.570 (14.5)
63 (1600)	0.105 (2.7)	0.570 (14.5)
Gauge Range (min) in	Standard Tolerance*	Available Tolerance**
0.087 - 0.220	1/2 ASTM Supplemental or +0.007 / -0.00	+0.006 / -0.00
> 0.220	1/2 ASTM Supplemental or +0.008 / -0.00	+0.007 / -0.00

Notes: * Lesser of 1/2 Supplemental ASTM (A568/A635) or stated tolerance.

** Available on processed coil with 100 NT minimum order quantity.

For SAE1010/1017 Commercial Steel see Hot Rolled Sheet - 106" grades

Structural Quality Steel

30-40 Ksi (210-280 MPa)

Grades: CSA G40.21 36 W, 38W ASTM A1011 SS Grade 36 Type 2 ASTM A1018 SS Grade 36 Type 2 ASTM A1011 SS Grade 40		
Standard Widths	Nominal Gauge	
in (mm)	min in (mm)	max in (mm)
32 (800)	0.069 (1.8)	0.624 (15.8)
36 (915)	0.069 (1.8)	0.624 (15.8)
42 (1067)	0.069 (1.8)	0.624 (15.8)
48 (1219)	0.069 (1.8)	0.624 (15.8)
54 (1372)	0.074 (1.9)	0.624 (15.8)
60 (1524)	0.082 (2.1)	0.624 (15.8)
63 (1600)	0.086 (2.2)	0.624 (15.8)
Gauge Range (min) in	Standard Tolerance*	Available Tolerance**
0.069 - 0.220	1/2 ASTM Supplemental or +0.006 / -0.00	+0.005 / -0.00
> 0.220	1/2 ASTM Supplemental or +0.007 / -0.00	+0.006 / -0.00

Notes: * Lesser of 1/2 Supplemental ASTM (A568/A635) or stated tolerance.

** Available on processed coil with 100 NT minimum order quantity.

45-50 Ksi (315-350 MPa)

Grades: ASTM A1011 SS Grade 45 Type 1, Grade 50 ASTM A1011 HSLAS Grade 50 Class 1 SAE J1392 050YHK ASTM A1011 SS Grade 45 ASTM A1018 HSLAS Grade 50 Class 1 CSA G40.21 44W, 50W(T)		
Standard Widths	Nominal Gauge	
in (mm)	min in (mm)	max in (mm)
32 (800)	0.079 (2.0)	0.625 (15.9)
36 (915)	0.079 (2.0)	0.625 (15.9)
42 (1067)	0.079 (2.0)	0.625 (15.9)
48 (1219)	0.079 (2.0)	0.625 (15.9)
54 (1372)	0.083 (2.1)	0.625 (15.9)
60 (1524)	0.092 (2.3)	0.625 (15.9)
63 (1600)	0.097 (2.5)	0.625 (15.9)
Gauge Range (min) in	Standard Tolerance*	Available Tolerance**
0.079 - 0.220	1/2 ASTM Supplemental or +0.007 / -0.00	+0.006 / -0.00
> 0.220	1/2 ASTM Supplemental or +0.008 / -0.00	+0.007 / -0.00

Notes: * Lesser of 1/2 Supplemental ASTM (A568/A635) or stated tolerance.

** Available on processed coil with 100 NT minimum order quantity.

HSLA Formable Steel

40 Ksi (280 MPa) HSLA Formable Steel

Grades: SAE J1392 040XLK, 040XLF		
Standard Widths	Nominal Gauge	
in (mm)	min in (mm)	max in (mm)
32 (800)	0.060 (1.5)	0.625 (15.9)
36 (915)	0.060 (1.5)	0.625 (15.9)
42 (1067)	0.060 (1.5)	0.625 (15.9)
48 (1219)	0.060 (1.5)	0.625 (15.9)
54 (1372)	0.063 (1.6)	0.625 (15.9)
60 (1524)	0.084 (2.1)	0.625 (15.9)
63 (1600)	0.084 (2.1)	0.625 (15.9)
Gauge Range (min) in	Standard Tolerance*	Available Tolerance**
0.060 - 0.220	1/2 ASTM Supplemental or +0.006 / -0.00	+0.005 / -0.00
> 0.220	1/2 ASTM Supplemental or +0.007 / -0.00	+0.006 / -0.00

Notes: * Lesser of 1/2 Supplemental ASTM (A568/A635) or stated tolerance.

** Available on processed coil with 100 NT minimum order quantity.

50 Ksi (340 MPa) HSLA Formable Steel

Grades: ASTM A1011 HSLAS-F Grade 50 SAE J1392 050XLK, 05XLF ASTM A1018 HSLAS-F Grade 50 SAE J2340 340X, 340F		
Standard Widths	Nominal Gauge	
in (mm)	min in (mm)	max in (mm)
32 (800)	0.063 (1.6)	0.512 (13.0)
36 (915)	0.063 (1.6)	0.512 (13.0)
42 (1067)	0.063 (1.6)	0.512 (13.0)
48 (1219)	0.066 (1.7)	0.512 (13.0)
54 (1372)	0.074 (1.9)	0.512 (13.0)
60 (1524)	0.082 (2.1)	0.512 (13.0)
63 (1600)	0.087 (2.2)	0.512 (13.0)
Gauge Range (min) in	Standard Tolerance*	Available Tolerance**
0.063 - 0.220	1/2 ASTM Supplemental or +0.007 / -0.00	+0.0055 / -0.00
> 0.220	1/2 ASTM Supplemental or +0.008 / -0.00	+0.007 / -0.00

Notes: * Lesser of 1/2 Supplemental ASTM (A568/A635) or stated tolerance.

** Available on processed coil with 100 NT minimum order quantity.

60 Ksi (420 MPa) HSLA Formable Steel

Grades: ASTM A1011 HSLAS-F Grade 60 SAE J1392 060XLK, 060XLF ASTM A1018 HSLAS-F Grade 60 SAE J2340 420X, 420XF		
Standard Widths	Nominal Gauge	
in (mm)	min in (mm)	max in (mm)
32 (800)	0.071 (1.8)	0.380 (9.7)
36 (915)	0.071 (1.8)	0.380 (9.7)
42 (1067)	0.071 (1.8)	0.380 (9.7)
48 (1219)	0.071 (1.8)	0.380 (9.7)
54 (1372)	0.077 (1.9)	0.380 (9.7)
60 (1524)	0.085 (2.2)	0.380 (9.7)
63 (1600)	0.090 (2.3)	0.380 (9.7)
Gauge Range (min) in	Standard Tolerance*	Available Tolerance**
0.071 - 0.220	1/2 ASTM Supplemental or +0.007 / -0.00	+0.006 / -0.00
> 0.220	1/2 ASTM Supplemental or +0.008 / -0.00	+0.007 / -0.00

Notes: * Lesser of 1/2 Supplemental ASTM (A568/A635) or stated tolerance.

** Available on processed coil with 100 NT minimum order quantity.

HSLA Formable Steel

70 Ksi (490 MPa) HSLA Formable Steel

Grades: ASTM A1011 HSLAS-F Grade 70 SAE J1392 070XLK, 070XLF SAE J2340 490X, 490XF		
Standard Widths	Nominal Gauge	
in (mm)	min in (mm)	max in (mm)
32 (800)	0.071 (1.8)	0.315 (8.0)
36 (915)	0.071 (1.8)	0.315 (8.0)
42 (1067)	0.071 (1.8)	0.315 (8.0)
48 (1219)	0.071 (1.8)	0.315 (8.0)
54 (1372)	0.077 (1.9)	0.315 (8.0)
60 (1524)	0.085 (2.2)	0.315 (8.0)
63 (1600)	0.090 (2.3)	0.315 (8.0)
Gauge Range (min) in	Standard Tolerance*	Available Tolerance**
0.071 - 0.220	1/2 ASTM Supplemental or +0.008 / -0.00	+0.007 / -0.00
> 0.220	1/2 ASTM Supplemental or +0.009 / -0.00	+0.008 / -0.00

Notes: * Lesser of 1/2 Supplemental ASTM (A568/A635) or stated tolerance.

** Available on processed coil with 100 NT minimum order quantity.

80 Ksi (550 MPa) HSLA Formable Steel

Grades: ASTM A1011 HSLAS-F Grade 80 SAE J1392 080XLK, 080XLF ASTM A1018 HSLAS-F Grade 80 SAE J2340 550X, 550XF		
Standard Widths	Nominal Gauge	
in (mm)	min in (mm)	max in (mm)
32 (800)	0.071 (1.8)	0.380 (9.7)
36 (915)	0.071 (1.8)	0.380 (9.7)
42 (1067)	0.071 (1.8)	0.380 (9.7)
48 (1219)	0.071 (1.8)	0.380 (9.7)
54 (1372)	0.077 (1.9)	0.380 (9.7)
60 (1524)	0.085 (2.2)	0.380 (9.7)
63 (1600)	0.090 (2.3)	0.380 (9.7)
Gauge Range (min) in	Standard Tolerance*	Available Tolerance**
0.071 - 0.220	1/2 ASTM Supplemental or +0.008 / -0.00	+0.007 / -0.00
> 0.220	1/2 ASTM Supplemental or +0.009 / -0.00	+0.008 / -0.00

Notes: * Lesser of 1/2 Supplemental ASTM (A568/A635) or stated tolerance.

** Available on processed coil with 100 NT minimum order quantity.

API

Grades: J55		
Standard Widths	Nominal Gauge	
in (mm)	min in (mm)	max in (mm)
32 (800)	0.180 (4.6)	0.393 (10.0)
36 (915)	0.180 (4.6)	0.393 (10.0)
42 (1067)	0.180 (4.6)	0.393 (10.0)
48 (1219)	0.180 (4.6)	0.393 (10.0)
54 (1372)	0.180 (4.6)	0.393 (10.0)
60 (1524)	0.180 (4.6)	0.393 (10.0)
63 (1600)	0.180 (4.6)	0.393 (10.0)
Gauge Range (min) in	Standard Tolerance*	Available Tolerance**
0.180 - 0.220	1/2 ASTM Supplemental or +0.007 / -0.00	+0.006 / -0.00
> 0.220	1/2 ASTM Supplemental or +0.008 / -0.00	+0.007 / -0.00

Notes: * Lesser of 1/2 Supplemental ASTM (A568/A635) or stated tolerance.

** Available on processed coil with 100 NT minimum order quantity.

Grades: L80/P110*		
Standard Widths	Nominal Gauge	
in (mm)	min in (mm)	max in (mm)
32 (800)	0.200 (5.0)	0.400 (10.2)
36 (915)	0.200 (5.0)	0.400 (10.2)
42 (1067)	0.200 (5.0)	0.400 (10.2)
48 (1219)	0.200 (5.0)	0.400 (10.2)
54 (1372)	0.200 (5.0)	0.400 (10.2)
60 (1524)	0.200 (5.0)	0.400 (10.2)
Gauge Range (min) in	Standard Tolerance	
0.200 - 0.400	1/2 ASTM Supplemental	

Notes: * By inquiry

Euronorm

EN10025-2 • S235JR Class 1

Grades: EN10025-2 S235JR Class 1		
Standard Widths	Nominal Gauge	
in (mm)	min in (mm)	max in (mm)
32 (800)	0.060 (1.5)	0.590 (15.0)
36 (915)	0.060 (1.5)	0.590 (15.0)
42 (1067)	0.060 (1.5)	0.590 (15.0)
48 (1219)	0.060 (1.5)	0.590 (15.0)
54 (1372)	0.063 (1.6)	0.590 (15.0)
60 (1524)	0.084 (2.1)	0.590 (15.0)
63 (1600)	0.084 (2.1)	0.590 (15.0)
Gauge Range (min) in	Standard Tolerance*	Available Tolerance**
0.060 - 0.220	1/2 ASTM Supplemental or +0.006 / -0.00	+0.005 / -0.00
> 0.220	1/2 ASTM Supplemental or +0.007 / -0.00	+0.006 / -0.00

Notes: * Lesser of 1/2 Supplemental ASTM (A568/A635) or stated tolerance.

** Available on processed coil with 100 NT minimum order quantity.

EN10025-2 • S275JR Class 1

Grades: EN10025-2 S275JR Class 1		
Standard Widths	Nominal Gauge	
in (mm)	min in (mm)	max in (mm)
32 (800)	0.069 (1.8)	0.622 (15.8)
36 (915)	0.069 (1.8)	0.622 (15.8)
42 (1067)	0.069 (1.8)	0.622 (15.8)
48 (1219)	0.069 (1.8)	0.622 (15.8)
54 (1372)	0.074 (1.9)	0.622 (15.8)
60 (1524)	0.082 (2.1)	0.622 (15.8)
63 (1600)	0.086 (2.2)	0.622 (15.8)
Gauge Range (min) in	Standard Tolerance*	Available Tolerance**
0.069 - 0.220	1/2 ASTM Supplemental or +0.006 / -0.00	+0.005 / -0.00
> 0.220	1/2 ASTM Supplemental or +0.007 / -0.00	+0.006 / -0.00

Notes: * Lesser of 1/2 Supplemental ASTM (A568/A635) or stated tolerance.

** Available on processed coil with 100 NT minimum order quantity.

EN10025-2 • S355JR - Class 1 & Class 2

Grades: EN10025-2 S355JR - Class 1 & Class 2		
Standard Widths	Nominal Gauge	
in (mm)	min in (mm)	max in (mm)
32 (800)	0.079 (2.0)	0.500 (12.7)
36 (915)	0.079 (2.0)	0.500 (12.7)
42 (1067)	0.079 (2.0)	0.500 (12.7)
48 (1219)	0.079 (2.0)	0.500 (12.7)
54 (1372)	0.083 (2.1)	0.500 (12.7)
60 (1524)	0.092 (2.3)	0.500 (12.7)
63 (1600)	0.097 (2.5)	0.500 (12.7)
Gauge Range (min) in	Standard Tolerance*	Available Tolerance**
0.079 - 0.220	1/2 ASTM Supplemental or +0.007 / -0.00	+0.006 / -0.00
> 0.220	1/2 ASTM Supplemental or +0.008 / -0.00	+0.007 / -0.00

Notes: * Lesser of 1/2 Supplemental ASTM (A568/A635) or stated tolerance.

** Available on processed coil with 100 NT minimum order quantity.

Euronorm

EN10111 • DD11 & DD12

Grades: EN10111 DD11 & DD12		
Standard Widths	Nominal Gauge	
in (mm)	min in (mm)	max in (mm)
32 (800)	0.060 (1.5)	0.315 (8.0)
36 (915)	0.060 (1.5)	0.315 (8.0)
42 (1067)	0.060 (1.5)	0.315 (8.0)
48 (1219)	0.060 (1.5)	0.315 (8.0)
54 (1372)	0.060 (1.5)	0.315 (8.0)
60 (1524)	0.066 (1.68)	0.315 (8.0)
63 (1600)	0.070 (1.78)	0.315 (8.0)
Gauge Range (min) in	Standard Tolerance*	Available Tolerance**
0.060 - 0.220	1/2 ASTM Supplemental or +0.006 / -0.00	+0.005 / -0.00
> 0.220	1/2 ASTM Supplemental or +0.007 / -0.00	+0.006 / -0.00

Notes: * Lesser of 1/2 Supplemental ASTM (A568/A635) or stated tolerance.

** Available on processed coil with 100 NT minimum order quantity.

EN10149-2 • S355MC

Grades: EN10149-2 S355MC		
Standard Widths	Nominal Gauge	
in (mm)	min in (mm)	max in (mm)
32 (800)	0.063 (1.6)	0.256 (6.5)
36 (915)	0.063 (1.6)	0.256 (6.5)
42 (1067)	0.063 (1.6)	0.256 (6.5)
48 (1219)	0.066 (1.7)	0.256 (6.5)
54 (1372)	0.074 (1.9)	0.256 (6.5)
60 (1524)	0.082 (2.1)	0.256 (6.5)
63 (1600)	0.087 (2.2)	0.256 (6.5)
Gauge Range (min) in	Standard Tolerance*	Available Tolerance**
0.063 - 0.220	1/2 ASTM Supplemental or +0.007 / -0.00	+0.006 / -0.00
> 0.220	1/2 ASTM Supplemental or +0.008 / -0.00	+0.007 / -0.00

Notes: * Lesser of 1/2 Supplemental ASTM (A568/A635) or stated tolerance.

** Available on processed coil with 100 NT minimum order quantity.

EN10149-2 • S420MC

Grades: EN10149-2 S420MC		
Standard Widths	Nominal Gauge	
in (mm)	min in (mm)	max in (mm)
32 (800)	0.071 (1.8)	0.196 (5.0)
36 (915)	0.071 (1.8)	0.197 (5.0)
42 (1067)	0.071 (1.8)	0.197 (5.0)
48 (1219)	0.071 (1.8)	0.197 (5.0)
54 (1372)	0.077 (1.9)	0.197 (5.0)
60 (1524)	0.085 (2.2)	0.197 (5.0)
63 (1600)	0.090 (2.3)	0.197 (5.0)
Gauge Range (min) in	Standard Tolerance*	Available Tolerance**
0.071 - 0.220	1/2 ASTM Supplemental or +0.007 / -0.00	+0.006 / -0.00
> 0.220	1/2 ASTM Supplemental or +0.008 / -0.00	+0.007 / -0.00

Notes: * Lesser of 1/2 Supplemental ASTM (A568/A635) or stated tolerance.

** Available on processed coil with 100 NT minimum order quantity.

Euronorm

EN10149-2 • S500MC

Grades: EN10149-2 S500MC		
Standard Widths	Nominal Gauge	
in (mm)	min in (mm)	max in (mm)
32 (800)	0.118 (3.0)	0.200 (5.08)
36 (915)	0.118 (3.0)	0.200 (5.08)
42 (1067)	0.118 (3.0)	0.200 (5.08)
48 (1219)	0.118 (3.0)	0.200 (5.08)
54 (1372)	0.118 (3.0)	0.200 (5.08)
60 (1524)	0.118 (3.0)	0.200 (5.08)
63 (1600)	0.118 (3.0)	0.200 (5.08)
Gauge Range (min) in	Standard Tolerance*	Available Tolerance**
0.079 - 0.220	1/2 ASTM Supplemental or +0.008 / -0.00	+0.007 / -0.00
> 0.220	1/2 ASTM Supplemental or +0.009 / -0.00	+0.008 / -0.00

Notes: * Lesser of 1/2 Supplemental ASTM (A568/A635) or stated tolerance.

** Available on processed coil with 100 NT minimum order quantity.

Alloy Steel

SAE J404 Gr. 4130

Grades: SAE J404 G4130*		
Standard Widths	Nominal Gauge	
in (mm)	min in (mm)	max in (mm)
32 (800)	0.140 (3.6)	0.320 (8.1)
36 (915)	0.140 (3.6)	0.320 (8.1)
42 (1067)	0.140 (3.6)	0.320 (8.1)
48 (1219)	0.140 (3.6)	0.320 (8.1)
54 (1372)	0.140 (3.6)	0.320 (8.1)
60 (1524)	0.140 (3.6)	0.320 (8.1)
Gauge Range (min) in	Standard Tolerance	
0.140 - 0.320	1/2 ASTM Supplemental	

Notes: * By inquiry.

Contact Us

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