Acier Bouchard INC.

Catalogue de produits
Products catalog

Depuis 1986

Acier Bouchard INC.

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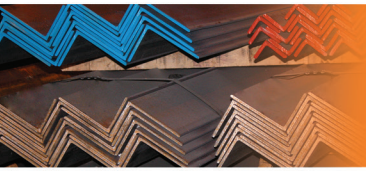
RONDS, CARRÉS ET PLATS
ROUNDS, SQUARES AND FLATS



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CORNIÈRES,
CORNIÈRES DE STRUCTURE
ANGLES, STRUCTURAL ANGLES

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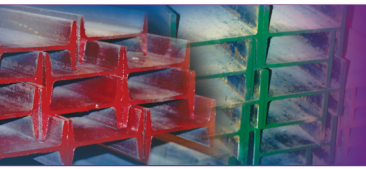
PROFILÉS EN « U »
CHANNELS



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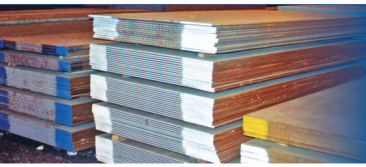
POUTRES EN « I » ET « H »
« I » AND « H » BEAMS



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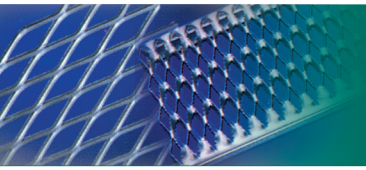
FEUILLES / PLAQUES
PLAQUES DE SÉCURITÉ
SHEETS / PLATES
FLOOR PLATES



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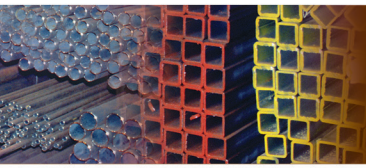
MÉTAUX DÉPLOYÉS, GRILLES
EXPANDED METALS, GRATINGS



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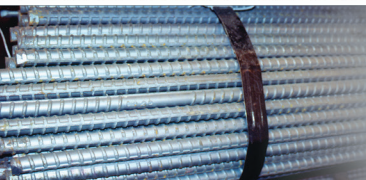
TUBES, TUYAUX
HSS, PIPES



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ACIER D'ARMATURE
REINFORCING BARS

Nos entrepôts chauffés de plus de 200 000 pieds carrés abritent nos seize ponts roulants d'une capacité de 10 tonnes chacun, sept scies à ruban ainsi que notre impressionnant stock d'acier.

Situés stratégiquement à proximité des autoroutes 10, 20 et 30 (région de Montréal) et autoroute 20 ou 40 (région de Québec), nos entrepôts possèdent toutes les caractéristiques technologiques nécessaires pour répondre efficacement à vos besoins les plus spécifiques.

Our 200,000-square-foot heated warehouses has sixteen 10-ton-capacity overhead cranes, seven band saws and an impressive stock of steel.

Conveniently located near Highways 10, 20 and 30 (Montreal area) and Highways 20 or 40 (Quebec area), our warehouses are technologically equipped to deliver efficient, customized service.

Notre entreprise est à votre service depuis 1986, c'est en grande partie grâce à vous, à votre fidélité et à votre appui si nous sommes parvenus au fil des ans à offrir une gamme complète de produits et de services qui répondent à vos besoins.

Sachez que notre équipe se fait un devoir de maintenir la qualité de son service à la clientèle et qu'elle continue de développer jour après jour des produits qui seront à la hauteur de vos attentes.

De la part de toute l'équipe d'Acier Bouchard inc., MERCI d'être complice de notre réussite !

LA DIRECTION

Our company is serving you since 1986. We have to hand a lot of the credit to you, our customers. As time went by, your loyalty and support have allowed us to offer a full range of products and services customized to your needs.

We want you to know that our team is committed to upholding quality customer service. Day after day, we develop products to meet and exceed your expectations.

From the entire team at Acier Bouchard inc., a HEARTFELT THANKS for helping us achieve our success!

THE MANAGEMENT

Acier Bouchard INC.

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RONDS, CARRÉS ET PLATS
ROUNDS, SQUARES AND FLATS

Nous disposons d'une vaste gamme de barres rondes, carrées et plates laminées à chaud, incluant le A-36, 44W et le 50W. De plus, nous entreposons le laminé à froid C-1018 et les arbres de précision C-1045.

We carry a wide range of round bars, square bars and hot laminated sheets, including A-36, 44W and 50W. We also carry cold-rolled C-1018 steel and C-1045 precision ground shafting.

Acier Bouchard INC.

Nos vastes entrepôts d'une superficie de plus de 200 000 pieds carrés sont situés à proximité des grands axes routiers afin de vous en faciliter l'accès et d'accélérer notre service de livraison.

Our vast, 200,000-square-foot warehouses are located near major routes for easy access, as well as to speed up our deliveries to you.

Lb/Pi lin. – Lb/Lin. ft

DIMENSIONS		ROND/ ROUND	CARRÉ/ SQUARE
IMP. Pouce/Inch	MET. mm		
1/8	3.18	.042	.053
3/16	4.76	.094	.120
1/4	6.35	.167	.213
5/16	7.94	.261	.332
3/8	9.53	.376	.478
7/16	11.1	.511	.651
1/2	12.7	.668	.850
9/16	14.3	.845	1.076
5/8	15.9	1.043	1.328
.678	17.2	1.229	1.55
11/16	17.5	1.262	1.607
3/4	19.0	1.502	1.913
13/16	20.6	1.763	2.245
7/8	22.2	2.045	2.603
.906	22.99	2.19	2.79
15/16	23.8	2.347	2.988
1	25.4	2.670	3.400
1 1/16	27.0	3.015	3.838
1 1/8	28.6	3.380	4.303
1 3/16	30.2	3.766	4.795
1 1/4	31.8	4.172	5.313
1 5/16	33.3	4.600	5.857
1 3/8	34.9	5.049	6.428
1 7/16	36.5	5.518	7.026
1 1/2	38.1	6.008	7.650
1 9/16	39.7	6.519	8.301

RONDS ET CARRÉS / *ROUNDS AND SQUARES*

Lb/Pi lin. – Lb/Lin. ft

DIMENSIONS		ROND/ ROUND	CARRÉ/ SQUARE
IMP. Pouce/Inch	MET. mm		
1 5/8	41.3	7.051	8.978
1 11/16	42.9	7.604	9.682
1 3/4	44.4	8.178	10.413
1 13/16	46.0	8.773	11.170
1 7/8	47.6	9.388	11.950
1 15/16	49.2	10.020	12.760
2	50.8	10.680	13.600
2 1/16	52.4	11.360	14.460
2 1/8	54.0	12.060	15.350
2 3/16	55.6	12.780	16.270
2 1/4	57.2	13.520	17.213
2 5/16	58.7	14.280	18.180
2 3/8	60.3	15.062	19.180
2 7/16	61.9	15.870	20.200
2 1/2	63.5	16.690	21.250
2 9/16	65.1	17.530	22.330
2 5/8	66.7	18.400	23.430
2 11/16	68.3	19.290	24.560
2 3/4	69.8	20.195	25.710
2 13/16	71.4	21.120	26.900
2 7/8	73.0	22.060	28.100
2 15/16	74.6	23.040	29.340
3	76.2	24.033	30.600
3 1/16	77.8	25.060	31.890
3 1/8	79.47	26.080	33.200
3 3/16	81.0	27.130	34.550
3 1/4	82.6	28.210	35.910
3 5/16	84.1	29.300	37.300

Lb/Pi lin. – Lb/Lin. ft

DIMENSIONS		ROND/ ROUND	CARRÉ/ SQUARE
IMP. Pouce/Inch	MET. mm		
3 3/8	85.7	30.420	38.730
3 7/16	87.3	31.550	40.176
3 1/2	88.9	32.710	41.650
3 9/16	90.5	33.890	43.151
3 5/8	92.1	35.090	44.680
3 11/16	93.7	36.310	46.232
3 3/4	95.2	37.550	47.810
3 13/16	96.8	38.810	49.420
3 7/8	98.4	40.130	51.050
3 15/16	100.0	41.400	52.713
4	101.6	42.730	54.400
4 1/8	104.8	45.440	57.853
4 1/4	108.0	48.230	61.410
4 3/8	111.1	51.110	65.078
4 1/2	114.3	54.080	68.850
4 5/8	117.5	57.120	72.728
4 3/4	120.6	60.250	76.710
4 7/8	123.8	63.460	80.803
5	127.0	66.760	85.000
5 1/4	133.4	73.600	93.710
5 1/2	139.7	80.780	102.900
5 3/4	146.0	88.290	112.400
6	152.4	96.130	122.400
6 1/2	165.1	112.850	143.600
7	177.8	130.850	166.600
7 1/2	190.5	150.210	191.200
8	203.2	170.990	217.600

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
1/8 x 1/2	3.18 x 12.7	.213
x 3/4	x 19.0	.319
1/8 x 1	3.18 x 25.4	.425
x 1 1/8	x 28.6	.478
x 1 1/4	x 31.8	.531
x 1 3/8	x 34.9	.584
x 1 1/2	x 38.1	.638
x 1 3/4	x 44.4	.744
1/8 x 2	3.18 x 50.8	.850
x 2 1/4	x 57.2	.956
x 2 1/2	x 63.5	1.063
x 2 3/4	x 69.8	1.170
1/8 x 3	3.18 x 76.2	1.280
x 3 1/4	x 82.6	1.380
x 3 1/2	x 88.9	1.490
x 3 3/4	x 95.2	1.590
1/8 x 4	3.18 x 101.6	1.700
x 4 1/2	x 114.3	1.913
x 5	x 127.0	2.130
x 5 1/2	x 139.7	2.340
1/8 x 6	3.18 x 152.4	2.550
x 7	x 177.8	2.980
x 8	x 203.2	3.400
x 9	x 228.6	3.830
1/8 x 10	3.18 x 254.0	4.250
x 11	x 279.4	4.680
x 12	x 304.8	5.100

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
3/16 x 1/2	4.76 x 12.7	.319
x 5/8	x 15.9	.398
x 3/4	x 19.0	.478
x 7/8	x 22.2	.558
3/16 x 1	4.76 x 25.4	.638
x 1 1/8	x 28.6	.717
x 1 1/4	x 31.8	.797
x 1 3/8	x 34.9	.877
x 1 1/2	x 38.1	.956
x 1 3/4	x 44.4	1.120
3/16 x 2	4.76 x 50.8	1.280
x 2 1/4	x 57.2	1.430
x 2 1/2	x 63.5	1.590
x 2 3/4	x 69.8	1.750
3/16 x 3	4.76 x 76.2	1.910
x 3 1/4	x 82.6	2.070
x 3 1/2	x 88.9	2.230
x 3 3/4	x 95.2	2.390
3/16 x 4	4.76 x 101.6	2.550
x 4 1/2	x 114.3	2.870
x 5	x 127.0	3.190
x 5 1/2	x 139.7	3.510
3/16 x 6	4.76 x 152.4	3.830
x 7	x 177.8	4.460
x 8	x 203.2	5.100
x 9	x 228.6	5.740
3/16 x 10	4.76 x 254.0	6.380
x 11	x 279.4	7.020
x 12	x 304.8	7.650

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
1/4 x 1/2	6.35 x 12.7	.425
x 5/8	x 15.9	.531
x 3/4	x 19.0	.638
x 7/8	x 22.2	.744
1/4 x 1	6.35 x 25.4	.850
x 1 1/8	x 28.6	.956
x 1 1/4	x 31.8	1.060
x 1 3/8	x 34.9	1.170
x 1 1/2	x 38.1	1.280
x 1 3/4	x 44.4	1.490
1/4 x 2	6.35 x 50.8	1.700
x 2 1/4	x 57.2	1.910
x 2 1/2	x 63.5	2.130
x 2 3/4	x 69.8	2.340
1/4 x 3	6.35 x 76.2	2.550
x 3 1/4	x 82.6	2.760
x 3 1/2	x 88.9	2.980
x 3 3/4	x 95.2	3.190
1/4 x 4	6.35 x 101.6	3.400
x 4 1/2	x 114.3	3.830
x 5	x 127.0	4.250
x 5 1/2	x 139.7	4.680
1/4 x 6	6.35 x 152.4	5.100
x 7	x 177.8	5.950
x 8	x 203.2	6.800
x 9	x 228.6	7.650
1/4 x 10	6.35 x 254.0	8.500
x 11	x 279.4	9.350
x 12	x 304.8	10.200

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
5/16 x 1/2	7.94 x 12.7	.531
x 5/8	x 15.9	.664
x 3/4	x 19.0	.797
x 7/8	x 22.2	.930
5/16 x 1	7.94 x 25.4	1.060
x 1 1/8	x 28.6	1.200
x 1 1/4	x 31.8	1.330
x 1 3/8	x 34.9	1.460
x 1 1/2	x 38.1	1.590
x 1 3/4	x 44.4	1.860
5/16 x 2	7.94 x 50.8	2.130
x 2 1/4	x 57.2	2.390
x 2 1/2	x 63.5	2.660
x 2 3/4	x 69.8	2.920
5/16 x 3	7.94 x 76.2	3.190
x 3 1/2	x 88.9	3.720
x 3 3/4	x 95.2	3.980
5/16 x 4	7.94 x 101.6	4.250
x 4 1/2	x 114.3	4.780
5/16 x 5	7.94 x 127.0	5.310
x 5 1/2	x 139.7	5.840
5/16 x 6	7.94 x 152.4	6.380
x 7	x 177.8	7.440
x 8	x 203.2	8.500
x 9	x 228.6	9.563
5/16 x 10	7.94 x 254.0	10.630
x 12	x 304.8	12.750

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
3/8 x 1/2	9.53 x 12.7	.638
x 5/8	x 15.9	.797
x 3/4	x 19.0	.956
x 7/8	x 22.2	1.120
3/8 x 1	9.53 x 25.4	1.280
x 1 1/8	x 28.6	1.430
x 1 1/4	x 31.8	1.590
x 1 3/8	x 34.9	1.750
x 1 1/2	x 38.1	1.910
x 1 3/4	x 44.4	2.230
3/8 x 2	9.53 x 50.8	2.550
x 2 1/4	x 57.2	2.870
x 2 1/2	x 63.5	3.190
x 2 3/4	x 69.8	3.510
3/8 x 3	9.53 x 76.2	3.830
x 3 1/2	x 88.9	4.460
x 3 3/4	x 95.2	4.780
3/8 x 4	9.53 x 101.6	5.100
x 4 1/2	x 114.3	5.740
3/8 x 5	9.53 x 127.0	6.380
x 5 1/2	x 139.7	7.010
3/8 x 6	9.53 x 152.4	7.650
x 7	x 177.8	8.930
x 8	x 203.2	10.200
x 9	x 228.6	11.475
3/8 x 10	9.53 x 254.0	12.750
x 12	x 304.8	15.300

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
1/2 x 5/8	12.7 x 15.9	1.060
x 3/4	x 19.0	1.280
x 7/8	x 22.2	1.490
1/2 x 1	12.7 x 25.4	1.700
x 1 1/8	x 28.6	1.910
x 1 1/4	x 31.8	2.130
x 1 1/2	x 38.1	2.550
x 1 3/4	x 44.4	2.980
1/2 x 2	12.7 x 50.8	3.400
x 2 1/4	x 57.2	3.830
x 2 1/2	x 63.5	4.250
x 2 3/4	x 69.8	4.680
1/2 x 3	12.7 x 76.2	5.100
x 3 1/4	x 82.6	5.530
x 3 1/2	x 88.9	5.950
x 3 3/4	x 95.2	6.380
1/2 x 4	12.7 x 101.6	6.800
x 4 1/2	x 114.3	7.650
1/2 x 5	12.7 x 127.0	8.500
x 5 1/2	x 139.7	9.350
1/2 x 6	12.7 x 152.4	10.200
x 7	x 177.8	11.900
x 8	x 203.2	13.600
x 9	x 228.6	15.300
1/2 x 10	12.7 x 254.0	17.000
x 12	x 304.8	20.400

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
5/8 x 3/4	15.9 x 19.0	1.590
x 7/8	x 22.2	1.860
5/8 x 1	15.9 x 25.4	2.130
x 1 1/8	x 28.6	2.390
x 1 1/4	x 31.8	2.660
x 1 3/8	x 34.9	2.920
x 1 1/2	x 38.1	3.190
x 1 3/4	x 44.4	3.720
5/8 x 2	15.9 x 50.8	4.250
x 2 1/4	x 57.2	4.780
x 2 1/2	x 63.5	5.310
x 2 3/4	x 69.8	5.840
5/8 x 3	15.9 x 76.2	6.380
x 3 1/4	x 82.6	6.910
x 3 1/2	x 88.9	7.440
x 3 3/4	x 95.2	7.970
5/8 x 4	15.9 x 101.6	8.500
x 4 1/2	x 114.3	9.560
5/8 x 5	15.9 x 127.0	10.630
x 5 1/2	x 139.7	11.690
5/8 x 6	15.9 x 152.4	12.750
x 7	x 177.8	14.870
x 8	x 203.2	17.000
x 9	x 228.6	19.125
5/8 x 10	15.9 x 254.0	21.250
x 12	x 304.8	25.500

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
3/4 x 1	19.0 x 25.4	2.550
x 1 1/4	x 31.8	3.190
x 1 1/2	x 38.1	3.830
x 1 3/4	x 44.4	4.460
3/4 x 2	19.0 x 50.8	5.100
x 2 1/4	x 57.2	5.740
x 2 1/2	x 63.5	6.380
x 2 3/4	x 69.8	7.010
3/4 x 3	19.0 x 76.2	7.650
x 3 1/2	x 88.9	8.930
3/4 x 4	19.0 x 101.6	10.200
x 4 1/2	x 114.3	11.480
3/4 x 5	19.0 x 127.0	12.750
x 5 1/2	x 139.7	14.030
3/4 x 6	19.0 x 152.4	15.300
x 7	x 177.8	17.850
x 8	x 203.2	20.400
x 9	x 228.6	22.950
3/4 x 10	19.0 x 254.0	25.500
x 12	x 304.8	30.600

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
7/8 x 1	22.2 x 25.4	2.980
x 1 1/4	x 31.8	3.720
x 1 1/2	x 38.1	4.460
x 1 3/4	x 44.4	5.210
7/8 x 2	22.2 x 50.8	5.950
x 2 1/4	x 57.2	6.690
x 2 1/2	x 63.5	7.440
x 2 3/4	x 69.8	8.190
7/8 x 3	22.2 x 76.2	8.930
x 3 1/2	x 88.9	10.410
x 4	x 101.6	11.900
x 4 1/2	x 114.3	13.390
7/8 x 5	22.2 x 127.0	14.880
x 5 1/2	x 139.7	16.360
x 6	x 152.4	17.850
x 8	x 203.2	23.800
1 x 1 1/4	25.4 x 31.8	4.250
x 1 1/2	x 38.1	5.100
x 1 3/4	x 44.4	5.950
1 x 2	25.4 x 50.8	6.800
x 2 1/4	x 57.2	7.650
x 2 1/2	x 63.5	8.500
x 2 3/4	x 69.8	9.350
1 x 3	25.4 x 76.2	10.200
x 3 1/2	x 88.9	11.900
x 4	x 101.6	13.600
x 4 1/2	x 114.3	15.300
1 x 5	25.4 x 127.0	17.000
x 5 1/2	x 139.7	18.700
x 6	x 152.4	20.400
1 x 7	25.4 x 177.8	23.800
x 8	x 203.2	27.200
x 9	x 228.6	30.600
x 10	x 254.0	34.000
x 12	x 304.8	40.800

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
1 1/4 x 1 1/2	31.8 x 38.1	6.380
x 1 3/4	x 44.4	7.440
x 2	x 50.8	8.500
x 2 1/4	x 57.2	9.560
x 2 1/2	x 63.5	10.630
x 2 3/4	x 69.8	11.690
1 1/4 x 3	31.8 x 76.2	12.750
x 3 1/2	x 88.9	14.880
x 4	x 101.6	17.000
x 4 1/2	x 114.3	19.130
1 1/4 x 5	31.8 x 127.0	21.250
x 5 1/2	x 139.7	23.380
x 6	x 152.4	25.500
x 7	x 177.8	29.750
x 8	x 203.2	34.000
x 9	x 228.6	38.250
x 10	x 254.0	42.500
x 12	x 304.8	51.000
1 1/2 x 1 3/4	38.1 x 44.4	8.930
x 2	x 50.8	10.200
x 2 1/4	x 57.2	11.480
x 2 1/2	x 63.5	12.750
x 2 3/4	x 69.8	14.030
1 1/2 x 3	38.1 x 76.2	15.300
x 3 1/2	x 88.9	17.850
x 4	x 101.6	20.400
x 4 1/2	x 114.3	22.950
1 1/2 x 5	38.1 x 127.0	25.500
x 5 1/2	x 139.7	28.050
x 6	x 152.4	30.600
x 7	x 177.8	35.700
x 8	x 203.2	40.800
x 9	x 228.6	45.900
x 10	x 254.0	51.000
x 12	x 304.8	61.200

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
1 3/4 x 2	44.4 x 50.8	11.900
x 2 1/4	x 57.2	13.390
x 2 1/2	x 63.5	14.880
x 2 3/4	x 69.8	16.360
1 3/4 x 3	44.4 x 76.2	17.850
x 3 1/2	x 88.9	20.830
x 4	x 101.6	23.800
x 4 1/2	x 114.3	26.780
1 3/4 x 5	44.4 x 127.0	29.750
x 5 1/2	x 139.7	32.730
x 6	x 152.4	35.700
x 7	x 177.8	41.650
1 3/4 x 8	44.4 x 203.2	47.600
x 9	x 228.6	53.550
x 10	x 254.0	59.500
x 12	x 304.8	71.400
2 x 2 1/4	50.8 x 57.2	15.300
x 2 1/2	x 63.5	17.000
x 2 3/4	x 69.8	18.700
2 x 3	50.8 x 76.2	20.400
x 3 1/2	x 88.9	23.800
x 4	x 101.6	27.200
x 4 1/2	x 114.3	30.600
2 x 5	50.8 x 127.0	34.000
x 5 1/2	x 139.7	37.400
x 6	x 152.4	40.800
x 7	x 177.8	47.600
x 8	x 203.2	54.400
x 9	x 228.6	61.200
x 10	x 254.0	68.000
x 12	x 304.8	81.600

2

CORNIÈRES, CORNIÈRES DE STRUCTURE
ANGLES, STRUCTURAL ANGLES

Au-delà de la grande variété de cornières et de cornières de structure dont nous disposons, nous sommes en mesure d'offrir des cornières de structures recouvertes d'une couche d'apprêt (primer) ou galvanisée telles qu'utilisées par les entreprises spécialisées.

In addition to our extensive inventory of angles and structural angles, we can supply you with structural angles with primer coating, or galvanized as used by specialized companies.

Acier Bouchard INC.

La renommée d'Acier Bouchard repose entre autres sur la qualité du service offert par chacun de nos employés. Notre vision de la réussite passe par la satisfaction de notre clientèle et c'est pourquoi nous nous faisons un devoir de répondre jour après jour à vos besoins de façon efficace et professionnelle.

Acier Bouchard has earned its reputation notably through the outstanding customer service provided by our entire staff. Our idea of success is a satisfied customer. That's why we make it our business to meet your needs day after day, as efficiently and professionally as possible.

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
1/2 x 1/2 x 1/8	12.7 x 12.7 x 3.18	.380
3/4 x 3/4 x 1/8	19 x 19 x 3.18	.590
1 x 1 x .109	25.4 x 25.4 x 2.78	.700
x 1/8	x 3.18	.800
x 3/16	x 4.76	1.160
x 1/4	x 6.35	1.490
1 1/4 x 1 1/4 x 1/8	31.8 x 31.8 x 3.18	1.010
x .109	x 2.78	.886
x 3/16	x 4.76	1.480
x 1/4	x 6.35	1.920
1 1/2 x 1 1/2 x .109	38.1 x 38.1 x 2.78	1.070
x 1/8	x 3.18	1.230
x .137	x 3.44	1.330
x .155	x 3.89	1.510
x 3/16	x 4.76	1.800
x 1/4	x 6.35	2.340
x 5/16	x 7.94	2.860
x 3/8	x 9.53	3.350
1 3/4 x 1 3/4 x 1/8	44.4 x 44.4 x 3.18	1.440
x .143	x 3.60	1.630
x .155	x 3.89	1.770
x 3/16	x 4.76	2.120
x 1/4	x 6.35	2.770
x 5/16	x 7.94	3.390

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
2 x 1 1/2 x 1/8	50.8 x 38.1 x 3.18	1.440
x 3/16	x 4.76	2.120
x 1/4	x 6.35	2.770
x 5/16	x 7.94	3.390
2 x 2 x	50.8 x 50.8 x 3.18	1.650
1/8	x 3.97	2.039
x .156	x 4.22	2.160
x .166	x 4.76	2.440
x 3/16	x 5.52	2.793
x .217	x 6.35	3.190
x 1/4	x 7.94	3.920
x 5/16	x 9.53	4.700
x 3/8		
	63.5 x 38.1 x 4.76	2.440
2 1/2 x 1 1/2 x 3/16	x 6.35	3.190
x 1/4	x 7.94	3.920
x 5/16		
	63.5 x 50.8 x 4.76	2.750
2 1/2 x 2 x 3/16	x 6.35	3.620
x 1/4	x 7.94	4.500
x 5/16	x 9.53	5.300
x 3/8		
	63.5 x 63.5 x 4.76	3.070
2 1/2 x 2 1/2 x 3/16	x 5.39	3.450
x .212	x 5.84	3.750
x .230	x 6.35	4.100
x 1/4	x 7.94	5.000
x 5/16	x 9.53	5.900
x 3/8	x 12.7	7.700
x 1/2		

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
3 x 2 x 3/16	76.2 x 50.8 x 4.76	3.070
x 1/4	x 6.35	4.100
x 5/16	x 7.94	5.000
x 3/8	x 9.53	5.900
x 1/2	x 12.7	7.700
3 x 2 1/2 x 3/16	76.2 x 63.5 x 4.76	3.390
x 1/4	x 6.35	4.500
x 5/16	x 7.94	5.600
x 3/8	x 9.53	6.600
x 1/2	x 12.7	8.500
3 x 3 x 3/16	76.2 x 76.2 x 4.76	3.710
x 1/4	x 6.35	4.900
x 5/16	x 7.94	6.100
x 3/8	x 9.53	7.200
x 1/2	x 12.7	9.400
3 1/2 x 2 1/2 x 1/4	88.9 x 63.5 x 6.35	4.900
x 5/16	x 7.94	6.100
x 3/8	x 9.53	7.200
x 1/2	x 12.7	9.400
3 1/2 x 3 x 1/4	88.9 x 76.2 x 6.35	5.400
x 5/16	x 7.94	6.600
x 3/8	x 9.53	7.900
x 1/2	x 12.7	10.200
3 1/2 x 3 1/2 x 1/4	88.9 x 88.9 x 6.35	5.800
x 5/16	x 7.94	7.200
x 3/8	x 9.53	8.500
x 1/2	x 12.7	11.100

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
4 x 3 x 1/4	101.6 x 76.2 x 6.35	5.800
x 5/16	x 7.94	7.200
x 3/8	x 9.53	8.500
x 1/2	x 12.7	11.100
x 5/8	x 15.9	13.600
4 x 3 1/2 x 1/4	101.6 x 88.9 x 6.35	6.200
x 5/16	x 7.94	7.700
x 3/8	x 9.53	9.100
x 1/2	x 12.7	11.900
x 5/8	x 15.9	14.700
4 x 4 x 1/4	101.6 x 101.6 x 6.35	6.600
x 5/16	x 7.94	8.200
x 3/8	x 9.53	9.800
x 1/2	x 12.7	12.800
x 5/8	x 15.9	15.700
x 3/4	x 19.0	18.500
5 x 3 x 1/4	127 x 76.2 x 6.35	6.600
x 5/16	x 7.94	8.200
x 3/8	x 9.53	9.800
x 1/2	x 12.7	12.800
5 x 3 1/2 x 1/4	127 x 88.9 x 6.35	7.000
x 5/16	x 7.94	8.700
x 3/8	x 9.53	10.400
x 1/2	x 12.7	13.600
x 5/8	x 15.9	16.800
x 3/4	x 19.0	19.800

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
5 x 5 x 5/16	127 x 127 x 7.94	10.300
x 3/8	x 9.53	12.300
x 1/2	x 12.7	16.200
x 5/8	x 15.9	20.000
x 3/4	x 19.0	23.600
6 x 3 1/2 x 5/16	152.4 x 88.9 x 7.94	9.800
x 3/8	x 9.53	11.700
x 1/2	x 12.7	15.300
6 x 4 x 5/16	152.4 x 101.6 x 7.94	10.300
x 3/8	x 9.53	12.300
x 1/2	x 12.7	16.200
x 5/8	x 15.9	20.000
x 3/4	x 19.0	23.600
6 x 6 x 5/16	152.4 x 152.4 x 7.94	12.400
x 3/8	x 9.53	14.900
x 1/2	x 12.7	19.600
x 5/8	x 15.9	24.200
x 3/4	x 19.0	28.700
x 7/8	x 22.2	33.100
x 1	x 25.4	37.400
7 x 4 x 3/8	177.8 x 101.6 x 9.53	13.600
x 7/16	x 11.1	15.800
x 1/2	x 12.7	17.900
x 5/8	x 15.9	22.100
x 3/4	x 19.0	26.200

CORNIÈRES DE STRUCTURE / *STRUCTURAL ANGLES*

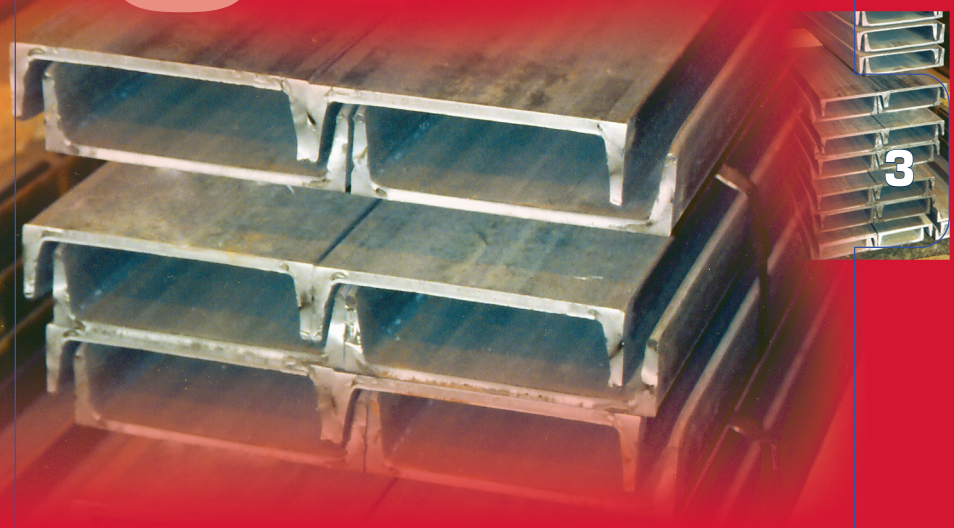
DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
8 x 4 x 7/16	203.2 x 101.6 x 11.1	17.200
x 1/2	x 12.7	19.600
x 5/8	x 15.9	24.200
x 3/4	x 19.0	28.700
x 1	x 25.4	37.400
8 x 6 x 1/2	203.2 x 152.4 x 12.7	23.00
x 9/16	x 14.3	25.700
x 5/8	x 15.9	28.500
x 3/4	x 19.0	33.800
x 1	x 25.4	44.200
8 x 8 x 1/2	203.2 x 203.2 x 12.7	26.400
x 5/8	x 15.9	32.700
x 3/4	x 19.0	38.900
x 7/8	x 22.2	45.000
x 1	x 25.4	51.000
9 x 4 x 1/2	228.6 x 101.6 x 12.7	21.300
x 5/8	x 15.9	26.300
x 3/4	x 19.0	31.300
x 7/8	x 22.2	36.100
x 1	x 25.4	40.800

BARRES EN « T » / *« T » BARS*

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
1 1/2 x 1 1/2 x 3/16	38.1 x 38.1 x 4.76	1.90
2 x 2 x 1/4	50.8 x 50.8 x 6.35	3.62

3

PROFILÉS EN « U »
CHANNELS



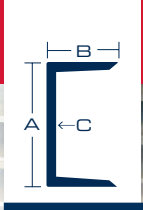
En plus des profilés en « U » de structure standards que nous offrons, nous entreposons certains profilés pliés ainsi que des profilés « à escaliers ».

Besides our offer of standard structural steel channels, we stock an assortment of bent and stringer channels.

Acier Bouchard INC.

Sauvez votre superficie, éliminez les erreurs, accélérez votre production en nous confiant votre coupe d'acier.

Let us handle your steel cutting to save on space, eliminate errors and accelerate your production.

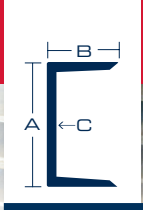


DIMENSIONS A-B-C		Lb/Pi lin. Lb/Lin. ft	Sec/Mod
IMP. Pouce/Inch	MET. mm		
1 x 1/2 x 1/8	25.4 x 12.7 x 3.18	.830	.06
1 1/4 x 1/2 x 1/8	31.8 x 12.7 x 3.18		
1 1/2 x 1/2 x 1/8	38.1 x 12.7 x 3.18	1.120	.13
1 1/2 x 9/16 x 3/16	38.1 x 14.3 x 4.76		
2 x 1/2 x 1/8	50.8 x 12.7 x 3.18	1.470	.20
2 x 1 x 1/8	50.8 x 25.4 x 3.18		
2 x 1 x 3/16	50.8 x 25.4 x 4.76	2.570	.38

PLIÉS – FORMED

DIMENSIONS A-B-C		Lb./Pi. lin. Lb./Lin. Ft.	Sec./Mod.
IMP. Pouce/Inch	MET. mm		
Longueur/Length 14’			
10 x 1 1/2 x .090	254 x 38.1 x 2.54		
Longueur/Length 20’			
10 x 1 1/2 x 1/8	254 x 38.1 x 3.18		
10 x 1 1/2 x 3/16	254 x 38.1 x 4.78	8.4	—
12 x 1 1/2 x 1/8	304.8 x 38.1 x 3.18		
12 x 1 1/2 x 3/16	304.8 x 38.1 x 4.78	10.6	—

					Sec/Mod
3 x 3.5	75 x 5	1.375	.149	.130	—
x 4.1	x 6	1.410	.273	.170	1.11
x 5.0	x 7	1.500	.273	.258	1.23
x 6.0	x 9	1.600	.273	.356	1.38
4 x 4.5	100 x 7	1.590	.182	.135	—
x 5.4	x 8	1.580	.296	.184	1.93
x 6.25	x 9	1.647	.296	.247	2.10
x 7.25	x 11	1.720	.296	.321	2.30
5 x 6.7	130 x 10	1.750	.320	.190	3.00
x 9.0	x 13	1.880	.320	.325	3.56
x 11.5	x 17	2.030	.320	.472	4.10
6 x 8.2	150 x 12	1.920	.343	.200	4.37
x 10.5	x 16	2.030	.343	.314	5.07
x 13.0	x 19	2.160	.343	.437	5.80
7 x 9.8	180 x 15	2.09	.366	.210	6.09
x 12.25	x 18	2.19	.366	.314	6.91
x 14.75	x 22	2.30	.366	.419	7.77



PROFILÉS EN « U » DE STRUCTURE / STRUCTURAL CHANNELS

(A) DIMENSIONS		(B) AILE/FLANGE		(C) ÂME/WEB	Sec/Mod
IMP. **Pouce/Inch**	MET. **mm**	Hauteur Height	Épaisseur Thickness	Épaisseur Thickness	
8 x 11.5	200 x 17	2.260	.390	.220	8.15
x 13.75	x 21	2.340	.390	.303	9.03
x 18.75	x 28	2.530	.390	.487	11.00
9 x 13.4	230 x 20	2.430	.413	.233	10.60
x 15.0	x 22	2.480	.413	.285	11.30
x 20.0	x 30	2.650	.413	.448	13.50
10 x 15.3	250 x 23	2.600	.436	.240	13.50
x 20.0	x 30	2.740	.436	.379	15.80
x 25.0	x 37	2.890	.436	.526	18.20
x 30.0	x 45	3.030	.436	.673	20.60
12 x 20.7	310 x 31	2.940	.501	.282	21.50
x 25.0	x 37	3.050	.501	.387	24.00
x 30.0	x 45	3.170	.501	.510	27.00
15 x 33.9	380 x 50	3.400	.650	.400	42.00
x 40.0	x 60	3.520	.650	.520	46.50
x 50.0	x 74	3.720	.650	.716	53.90
18 x 42.7	460 x 63.5	3.95	.625	.450	61.60

PROFILÉS EN « U » DIVERS / MISCELLANEOUS CHANNELS

(A) DIMENSIONS		(B) AILE/FLANGE		(C) ÂME/WEB	Sec/Mod
IMP. **Pouce/Inch**	MET. **mm**	Hauteur Height	Épaisseur Thickness	Épaisseur Thickness	
3 x 7.1	75 x 10.6	1.94	.351	.312	1.82
x 9.0	x 13.4	2.12	.351	.497	2.10
6 x 12.0	150 x 17.9	2.50	.375	.310	6.23
x 15.1	x 22.8	2.94	.475	.316	8.33
x 15.3	x 24.3	3.50	.385	.340	8.47
x 16.3	x 26.8	3.00	.475	.375	8.67
x 18.0	x 26.8	3.50	.475	.379	9.90
7 x 17.6	180 x 26.2	3.00	.475	.375	10.70
x 19.1	x 28.4	3.45	.500	.350	12.3
x 22.7	x 33.8	3.60	.500	.503	13.6
8 x 8.5	200 x 13.0	1.875	.311	.180	5.90
x 18.7	x 27.8	2.98	.500	.353	13.10
x 20.0	x 29.8	3.02	.500	.400	13.60
x 21.4	x 31.8	3.45	.525	.375	15.4
x 22.8	x 33.9	3.50	.525	.427	16.00
9 x 23.9	230 x 35.6	3.50	.550	.400	18.9
x 25.4	x 37.8	3.50	.550	.450	19.6
10 x 6.5	250 x 9.7	1.13	.202	.152	4.42
x 8.4	x 12.5	1.50	.280	.170	6.40
x 21.9	x 32.6	3.45	.500	.325	19.7
x 24.9	x 37.1	3.40	.575	.377	22.0
12 x 10.6	310 x 15.8	1.50	.309	.190	- - -

4

POUTRES EN « I » ET EN « H »
I-BEAMS AND H-BEAMS

Parmi notre gamme de poutres en « I » et en « H », nous avons également des poutres légères destinées notamment à l'industrie de fabrication de remorques.

Within our range of I-beams and H-beams, we also carry light beams that are used, notably, by the trailer building industry.

Acier Bouchard INC

ACNOR G40.21
Norme pour les aciers à charpente
Émise par l'Association canadienne de normalisation (ACNOR)

Cette norme, connue sous le nom de ACNOR G40.21 s'applique à six types de plaques, charpentes et barres de qualité structurale pour la construction en général et pour des fins d'ingénierie.

Les six différents types d'acier sont :

Type G – Aciers pour la construction en général
Type W – Aciers soudables
Type T – Aciers soudables à basse température
Type R – Aciers à charpente, résistants à la corrosion atmosphérique
Type A – Aciers à charpente, résistants à la corrosion atmosphérique et possédant des propriétés améliorées, à basse température
Type Q – Plaque en acier à basse teneur en alliages, trempé et revenu

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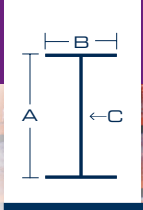
ACNOR G40.21
Standard for Structural Steels
Issued by Canadian Standards Association (CSA)

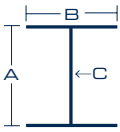
This standard, known as CSA G40.21 covers six types of structural quality plates, shapes and bars for general construction and engineering purposes.

The six different types covered are:

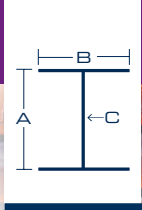
Type G – General Construction Steel
Type W – Weldable Steels
Type T – Weldable Low Temperature Steels
Type R – Atmospheric Corrosion Resistant Structural Steels
Type A – Atmospheric Corrosion Resistant Structural Steels
Type Q – Quenched and Tempered Low Alloy Steel Plate



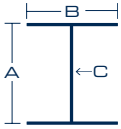
		(A) Hauteur Height				Sec/Mod
3 x 5.7	75 x 8	3.00	2.33	.260	.170	1.68
x 7.5	x 11	3.00	2.51	.260	.349	1.95
4 x 3.20	100 x 4.8	4.00	2.25	.129	.094	—
x 3.64	x 5.5	4.00	2.25	.129	.125	—
x 7.7	x 11	4.00	2.66	.293	.193	3.04
x 9.5	x 14.1	4.00	2.80	.293	.326	3.40
5 x 10.0	130 x 15	5.00	3.00	.326	.214	4.92
x 14.75	x 22	5.00	3.28	.326	.494	6.08
6 x 12.5	150 x 19	6.00	3.33	.359	.232	7.37
x 17.25	x 26	6.00	3.57	.359	.465	8.77
7 x 15.3	180 x 22.8	7.00	3.66	.392	.252	10.5
x 20.0	x 30.0	7.00	3.86	.392	.450	12.1
8 x 18.4	200 x 27	8.00	4.00	.425	.271	14.4
x 23.0	x 34	8.00	4.17	.425	.441	16.2
10 x 25.4	250 x 38	10.00	4.66	.491	.311	24.8
x 35.0	x 52	10.00	4.94	.491	.594	29.4
12 x 31.8	310 x 47	12.00	5.00	.544	.350	36.3
x 35.0	x 52	12.00	5.08	.544	.428	38.2
x 40.8	x 60.7	12.00	5.25	.659	.462	45.3
x 50.0	x 74	12.00	5.48	.659	.687	50.8
15 x 42.9	380 x 64	15.00	5.50	.622	.411	59.6
x 50.0	x 74	15.00	5.64	.622	.550	64.8
18 x 54.7	460 x 81.4	18.00	6.00	.691	.460	89.3
x 70.0	x 104	18.00	6.25	.691	.711	103.0
20 x 66.0	510 x 98.2	20.00	6.26	.795	.505	119.0
x 75.0	x 112	20.00	6.38	.795	.635	128.0
x 86.0	x 128	20.30	7.06	.920	.660	155.0
x 96.0	x 143	20.30	7.20	.920	.800	165.0
24 x 80.0	610 x 119	24.00	7.00	.870	.500	175.0
x 90.0	x 134	24.00	7.12	.870	.625	187.0
x 100.0	x 149	24.00	7.24	.870	.745	199.0
x 106.0	x 158	24.50	7.87	1.090	.620	240.0
x 121.0	x 180	24.50	8.05	1.090	.800	258.0



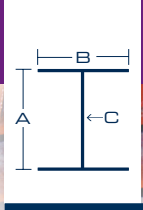
		(A) Hauteur Height				Sec/Mod
4 x 13	100 x 19	4.16	4.06	.345	.280	5.46
5 x 16	130 x 24	5.01	5.00	.360	.240	8.55
x 19	x 28	5.15	5.03	.430	.270	10.2
6 x 9	150 x 14	5.90	3.94	.215	.170	5.56
x 12	x 18	6.03	4.00	.280	.230	7.31
x 16	x 24	6.28	4.03	.405	.260	10.2
6 x 15	150 x 22	5.99	5.99	.260	.230	9.72
x 20	x 30	6.20	6.02	.365	.260	13.4
x 25	x 37	6.38	6.08	.455	.320	16.7
8 x 10	200 x 15	7.89	3.94	.205	.170	7.81
x 13	x 19	7.99	4.00	.255	.230	9.91
x 15	x 22	8.11	4.02	.315	.245	11.8
8 x 14	200 x 21	7.98	5.21	.250	.195	—
x 18	x 27	8.14	5.25	.330	.230	15.2
x 21	x 31	8.28	5.27	.400	.250	18.2
8 x 24	200 x 36	7.93	6.50	.400	.245	20.9
x 28	x 42	8.06	6.54	.465	.285	24.3
x 31	x 46	8.00	8.00	.435	.285	27.5
x 35	x 52	8.12	8.02	.495	.310	31.2
x 40	x 59	8.25	8.07	.560	.360	35.5
x 48	x 71	8.50	8.11	.685	.400	43.3
x 58	x 86	8.75	8.22	.810	.510	52.0
x 67	x 100	9.00	8.28	.935	.570	60.4
10 x 12	250 x 18	9.87	3.96	.210	.190	10.9
x 15	x 22	9.99	4.00	.270	.230	13.8
x 17	x 25	10.11	4.01	.330	.240	16.2
x 19	x 28	10.24	4.02	.395	.250	18.8
10 x 16	250 x 24	9.95	5.71	.250	.195	—
x 22	x 33	10.17	5.75	.360	.240	23.2
x 26	x 39	10.33	5.77	.440	.260	27.9
x 30	x 45	10.47	5.81	.510	.300	32.4



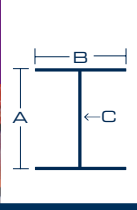
DIMENSIONS		(A)	(B) AILE/FLANGE		(C) ÂME/WEB	Sec/Mod
IMP. **Pouce/Inch**	MET. **mm**	Hauteur Height	Largeur Width	Épaisseur Thickness	Épaisseur Thickness	
10 x 33	250 x 49	9.73	7.96	.435	.290	35.0
x 39	x 58	9.92	7.98	.530	.315	42.1
x 45	x 67	10.10	8.02	.620	.350	49.1
10 x 49	250 x 73	9.98	10.00	.560	.340	54.6
x 54	x 80	10.09	10.03	.615	.370	60.0
x 60	x 89	10.22	10.08	.680	.420	66.7
10 x 68	250 x 101	10.40	10.13	.770	.470	75.7
x 77	x 115	10.60	10.19	.870	.530	85.9
x 88	x 131	10.84	10.26	.990	.605	98.5
x 100	x 149	11.10	10.34	1.120	.680	112.0
x 112	x 167	11.36	10.42	1.250	.755	126.0
12 x 14	310 x 21	11.91	3.97	.225	.200	14.9
x 16	x 24	11.99	3.99	.265	.220	17.1
x 19	x 28	12.16	4.00	.350	.235	21.3
x 22	x 33	12.31	4.03	.425	.260	25.4
12 x 21	310 x 31	12.04	6.45	.290	.195	—
x 26	x 39	12.22	6.49	.380	.230	33.4
x 30	x 45	12.34	6.52	.440	.260	38.6
x 35	x 52	12.50	6.56	.520	.300	45.6
12 x 40	310 x 60	11.94	8.00	.515	.295	51.9
x 45	x 67	12.06	8.04	.575	.335	58.1
x 50	x 74	12.19	8.08	.640	.370	64.7
12 x 53	310 x 79	12.06	10.00	.575	.345	70.6
x 58	x 86	12.19	10.01	.640	.360	78.0
x 65	x 97	12.12	12.00	.605	.390	87.9
x 72	x 107	12.25	12.04	.670	.430	97.4
x 79	x 118	12.38	12.08	.735	.470	107.0
x 87	x 129	12.53	12.12	.810	.515	118.0
x 96	x 143	12.71	12.16	.900	.550	131.0
x 106	x 158	12.89	12.22	.990	.610	145.0
x 120	x 179	13.12	12.32	1.100	.710	163.0
x 136	x 202	13.41	12.40	1.250	.790	186.0
x 152	x 226	13.71	12.48	1.400	.870	209.0



		(A) Hauteur Height				Sec/Mod
12 x 170	310 x 253	14.03	12.57	1.560	.960	235.0
x 190	x 283	14.38	12.67	1.740	1.030	263.0
14 x 22	360 x 33	13.74	5.00	.335	.230	29.0
x 26	x 39	13.91	5.02	.420	.255	35.3
14 x 30	360 x 45	13.84	6.73	.385	.270	42.0
x 34	x 51	13.98	6.74	.455	.285	48.6
x 38	x 57	14.10	6.77	.515	.310	54.6
14 x 43	360 x 64	13.66	8.00	.530	.305	62.7
x 48	x 72	13.79	8.03	.595	.340	70.3
x 53	x 79	13.92	8.06	.660	.370	77.8
x 61	x 91	13.89	10.00	.645	.375	92.2
x 68	x 101	14.04	10.04	.720	.415	103.0
x 74	x 110	14.17	10.07	.785	.450	112.0
x 82	x 122	14.31	10.13	.855	.510	123.0
14 x 90	360 x 134	14.02	14.52	.710	.440	143.0
x 99	x 147	14.16	14.56	.780	.485	157.0
x 109	x 162	14.32	14.60	.860	.525	173.0
x 120	x 179	14.48	14.67	.940	.590	190.0
x 132	x 196	14.66	14.72	1.030	.645	109.0
16 x 26	410 x 39	15.69	5.50	.345	.250	38.4
x 31	x 46	15.88	5.52	.440	.275	47.5
16 x 36	410 x 54	15.86	6.98	.430	.295	56.5
x 40	x 60	16.01	7.00	.505	.305	64.7
x 45	x 67	16.13	7.04	.565	.345	72.7
x 50	x 74	16.26	7.07	.630	.380	81.0
x 57	x 85	16.43	7.12	.715	.430	92.2
16 x 67	410 x 100	16.33	10.24	.665	.395	117.0
x 77	x 114	16.52	10.30	.760	.455	134.0
x 89	x 132	16.75	10.36	.875	.525	155.0
x 100	x 149	16.97	10.42	.985	.585	175.0



		(A) Hauteur Height				Sec/Mod
18 x 35	460 x 52	17.70	6.00	.425	.300	57.6
x 40	x 60	17.90	6.02	.525	.515	68.4
x 46	x 68	18.06	6.06	.605	.360	78.8
x 41	x 61	17.70	7.45	.425	.320	70.3
x 45	x 67	17.86	7.48	.499	.335	80.5
x 50	x 74	17.99	7.50	.570	.355	88.9
x 55	x 82	18.11	7.53	.630	.390	98.3
x 60	x 89	18.24	7.56	.695	.415	108.0
x 65	x 97	18.35	7.59	.750	.450	117.0
x 71	x 106	18.47	7.64	.810	.495	127.0
18 x 76	460 x 113	18.21	11.04	.680	.425	146.0
x 86	x 128	18.39	11.09	.770	.480	166.0
x 97	x 144	18.59	11.14	.870	.535	188.0
x 106	x 158	18.73	11.20	.940	.590	204.0
x 119	x 177	18.97	11.26	1.060	.655	231.0
21 x 68	530 x 101	21.13	8.27	.685	.430	140.0
x 73	x 109	21.24	8.30	.740	.455	151.0
x 83	x 123	21.43	8.36	.835	.515	171.0
x 93	x 138	21.62	8.42	.930	.580	192.0
21 x 101	530 x 150	21.36	12.29	.800	.500	227.0
x 111	x 165	21.51	12.34	.875	.550	249.0
x 122	x 182	21.68	12.39	.960	.600	273.0
x 132	x 196	21.83	12.44	1.040	.650	295.0
x 147	x 219	22.06	12.51	1.150	.720	329.0
24 x 55	610 x 82	23.57	7.00	.505	.395	114.0
x 62	x 92	23.74	7.04	.590	.430	131.0
24 x 56	610 x 84	23.48	8.90	.460	.355	—
x 61	x 91	23.56	8.93	.500	.380	—
x 68	x 101	23.73	8.96	.585	.415	154.0
x 76	x 113	23.93	8.99	.680	.440	176.0
x 84	x 125	24.10	9.02	.770	.470	196.0
x 94	x 140	24.31	9.06	.875	.515	222.0



		(A) Hauteur Height				Sec/Mod
24 x 104	610 x 155	24.06	12.75	.750	.500	258.0
x 117	x 174	24.26	12.80	.850	.550	291.0
x 131	x 195	24.48	12.86	.960	.605	329.0
24 x 146	610 x 217	24.74	12.90	1.090	.650	371.0
x 162	x 241	25.00	12.96	1.220	.705	414.0
27 x 84	690 x 120	26.71	9.96	.640	.460	213.0
x 94	x 140	26.92	9.99	.745	.490	243.0
x 102	x 152	27.19	10.02	.830	.515	267.0
x 114	x 170	27.29	10.07	.930	.570	299.0
27 x 146	690 x 217	27.38	13.96	.975	.605	411.0
x 161	x 240	27.59	14.02	1.080	.660	455.0
x 178	x 265	27.81	14.08	1.190	.725	502.0
30 x 99	760 x 147	29.65	10.45	.670	.520	269.0
x 108	x 161	29.83	10.48	.760	.545	299.0
x 116	x 173	30.01	10.50	.850	.565	329.0
x 124	x 185	30.17	10.52	.930	.585	355.0
x 132	x 196	30.31	10.54	1.00	.615	380.0
30 x 173	760 x 257	30.44	14.98	1.06	.655	539.0
x 191	x 284	30.68	15.04	1.18	.710	598.0
x 211	x 314	30.94	15.10	1.31	.775	663.0

5

FEUILLES / PLAQUES
PLAQUES DE SÉCURITÉ
SHEETS / PLATES
FLOOR PLATES

Nos feuilles, nos plaques laminées à chaud ainsi que nos plaques anti-dérapantes vous sont offertes dans plusieurs grandeurs et épaisseurs afin de répondre le plus précisément à vos besoins.

We supply sheets, hot laminated plates and floor plates in a variety of sizes and thicknesses to meet your exact needs.

Acier Bouchard INC.

L'acier laminé à chaud est produite sur une ligne continue, généralement à une température de 1600°F. L'acier est pourvu d'une finition standard dite « noire » ou décapée huilée.

Our laminated steel is produced in a continuous strip at 1,600°F. Available in standard "black" or "pickled and oiled" finish.

Jauge Gauges			Lb/Pi² Lb/Ft²
4	.2242	5.695	9.375
5	.2092	5.314	8.750
6	.1943	4.935	8.125
7	.1793	4.554	7.500
8	.1644	4.176	6.875
9	.1495	3.797	6.250
10	.1345	3.416	5.625
11	.1196	3.038	5.000
12	.1046	2.657	4.375
13	.0897	2.278	3.750
14	.0747	1.897	3.125
15	.0673	1.709	2.812
16	.0598	1.519	2.500
17	.0538	1.367	2.250
18	.0478	1.214	2.000
19	.0418	1.062	1.750
20	.0359	.912	1.500
21	.0329	.836	1.375
22	.0299	.759	1.250
23	.0269	.683	1.125
24	.0239	.607	1.000
25	.0209	.531	.875
26	.0179	.455	.750
27	.0164	.417	.688
28	.0149	.378	.625
29	.0135	.343	.562
30	.0120	.305	.500

Jauge Gauges	ÉPAISSEUR/THICKNESS		Lb/Pi² Lb/Ft²
	IMP. Pouce/Inch	MET. mm	
10	.1382	3.510	5.781
11	.1233	3.132	5.156
12	.1084	2.753	4.530
14	.0785	1.994	3.281
16	.0635	1.613	2.656
18	.0516	1.311	2.156
20	.0396	1.006	1.656
22	.0336	.853	1.406
24	.0276	.701	1.156
26	.0217	.551	.906
28	.0187	.475	.781
30	.0157	.399	.656

ÉPAISSEUR/THICKNESS		Lb/Pi² Lb/Ft²
IMP. Pouce/Inch	MET. mm	
3/16	4.76	7.66
1/4	6.35	10.21
5/16	7.94	12.76
3/8	9.53	15.31
7/16	11.11	17.87
1/2	12.70	20.42
9/16	14.29	22.97
5/8	15.88	25.52
3/4	19.05	30.63
7/8	22.23	35.73
1	25.4	40.84
1 1/8	28.58	45.94
1 1/4	31.75	51.05
1 3/8	34.93	56.15
1 1/2	38.10	61.26
1 5/8	41.28	66.36
1 3/4	44.45	71.47
1 7/8	47.63	76.57
2	50.80	81.68
2 1/4	57.15	91.89
2 1/2	63.50	102.10
2 3/4	69.85	112.31
3	76.20	122.52
3 1/4	82.55	132.72
3 1/2	88.90	142.93
3 3/4	95.25	153.14
4	101.60	163.35
4 1/4	107.95	173.56
4 1/2	114.30	183.77
4 3/4	120.65	193.98

ÉPAISSEUR/THICKNESS		Lb/Pi² Lb/Ft²
IMP. Pouce/Inch	MET. mm	
5	127.00	204.19
5 1/4	133.35	214.40
5 1/2	139.70	224.61
5 3/4	146.05	234.82
6	152.40	245.03
6 1/4	158.75	255.24
6 1/2	165.10	265.45
6 3/4	171.45	275.66
7	177.80	285.87
7 1/4	184.15	296.08
7 1/2	190.50	306.29
7 3/4	196.85	316.50
8	203.20	326.71
8 1/2	215.90	347.13
9	228.60	367.55
10	254.00	408.38

PLAQUES DE SÉCURITÉ / *FLOOR PLATES*

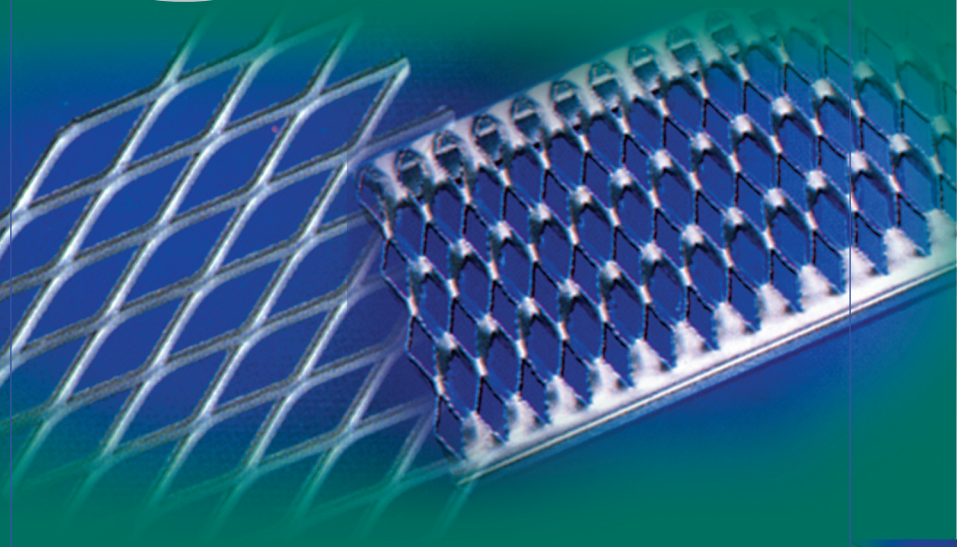
ÉPAISSEUR/THICKNESS		Lb/Pi² Lb/Ft²
IMP. Pouce/Inch	MET. mm	
14 Jauge / Gauges	2	3.75
12 Jauge / Gauges	2.8	5.25
1/8	3.2	6.15
3/16	4.8	8.70
1/4	6.0	11.25
5/16	8.0	13.80
3/8	10.0	16.30
1/2	12.0	21.45

Nous livrons juste à temps, tel que promis. Nous sommes fiers d'affirmer que nous possédons une excellente réputation à travers l'industrie de la distribution d'acier en ce qui concerne la livraison de nos produits selon la demande de notre clientèle.

We deliver just in time, as promised. We are proud of the excellent reputation we have earned within the steel distribution industry in regards to the delivery of our products according to the needs of our customers.

6

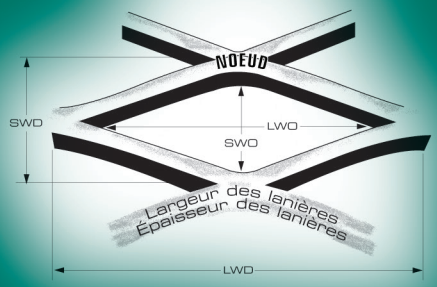
MÉTAUX DÉPLOYÉS, GRILLES
EXPANDED METALS, GRATINGS



Assortiments de métaux déployés, grilles soudées, grillages de sécurité et marches galvanisées sont autant de produits qui complètent notre inventaire.

We've rounded out our inventory with an assortment of expanded metal products, welded grates, security grates and galvanized treads.

Acier Bouchard INC.



Dimension du modèle — Dimension nominale de l'écartement externe du motif (SWD).

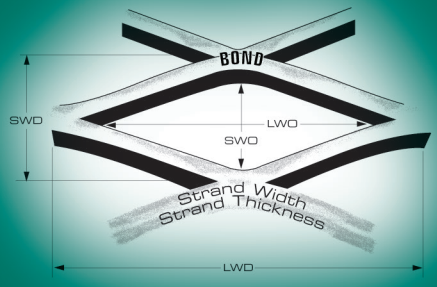
Dimension du motif — Dimension réelle SWD et LWD. Mesurée à partir d'un point jusqu'à un point correspondant sur le motif suivant.

(SWO) — Écartement interne de l'ouverture. **(LWO)** — Allongement interne de l'ouverture.

Lanières — Les côtés constitutant le motif du métal déployé.

Épaisseur des lanières — Calibre, jauge du métal déployé.

Largeur des lanières — Quantité de métal découpé par les matrices pour produire une lanière.



Style Dimension — Nominal dimension Short Way of Design (SWD).

Design Size — Actual dimension SWD and LWD. Measured from a point to a corresponding point on the following design.

(SWO) — Short Way of Opening. **(LWO)** — Long Way of Opening.

Strands — The sides of the expanded metal design.

Srand Thickness — Gauge thickness of metal expanded.

Strand Width — Amount of metal fed under dies to produce one strand.

Motif à petits losanges/Small diamond design

MODÈLE STYLE	Lb par 100 pi² / Lb per 100 ft²	Dimension des motifs Design Size (Pouces/Inches)		Dimension de l'ouverture Opening Size (Pouces/Inches)		Dimension des lanières Strand Size (Pouces/Inches)		Épaisseur globale Overall Thickness (Pouces/Inches)	% d'ouverture Open Area %
		SWD	LWD	SWO	LWO	Largeur Width	Épaisseur Thickness		
3/32" - #24L	42	.156	.250	.094	.156	.030	.024	.045	58
3/32" - #24H	63	.156	.250	.063	.156	.045	.024	.055	37
3/16" - #22	56	.203	.500	.110	.313	.047	.030	.070	55
3/16" - #20	90	.203	.500	.080	.313	.063	.036	.080	40
1/4" - #20	86	.250	1.00	.125	.718	.072	.036	.135	45
1/4" - #18	114	.250	1.00	.110	.718	.072	.048	.147	43
5/16" - #20	57	.333	1.00	..25	.750	.063	.036	.125	60
5/16" - #18	104	.333	1.00	.188	.688	.094	.048	.170	48

1/2" à/to 3/4"

MODÈLE STYLE	Lb par 100 pi² / Lb per 100 ft²	Dimension des motifs Design Size (Pouces/Inches)		Dimension de l'ouverture Opening Size (Pouces/Inches)		Dimension des lanières Strand Size (Pouces/Inches)		Épaisseur globale Overall Thickness (Pouces/Inches)	% d'ouverture Open Area %
		SWD	LWD	SWO	LWO	Largeur Width	Épaisseur Thickness		
1/2" - #20	43	.500	1.20	.438	.938	.072	.036	.140	80
1/2" - #18	70	.500	1.20	.438	.938	.088	.048	.172	72
1/2" - #16	86	.500	1.20	.375	.938	.087	.060	.175	65
1/2" - #13	147	.500	1.20	.312	.938	.096	.090	.204	57
1/2" - #13 (188)	282	.500	1.20	.250	.800	.188	.090	.275	25
3/4" - #16	54	.923	2.00	.813	1.75	.101	.060	.210	78
3/4" - #13	80	.923	2.00	.750	1.688	.096	.090	.205	76
3/4" - #10 (13)	120	.923	2.00	.750	1.625	.144	.090	.290	72
3/4" - #9 (10)	180	.923	2.00	.688	1.562	.150	.135	.312	68

1” à/to 1 1/2”

MODÈLE STYLE	Lb par 100 pi² / Lb per 100 ft²	Dimension des motifs Design Size (Pouces/Inches)		Dimension de l’ouverture Opening Size (Pouces/Inches)		Dimension des lanières Strand Size (Pouces/Inches)		Épaisseur globale Overall Thickness (Pouces/Inches)	% d’ouverture Open Area %
		SWD	LWD	SWO	LWO	Largeur Width	Épaisseur Thickness		
1” - #16	47	1.00	2.25	.938	2.00	.087	.060	.192	82
1” - #14	78	1.00	2.25	.875	1.563	.125	.074	.225	75
1” - #12	96	1.00	2.25	.907	1.563	.109	.105	.225	78
1” - #10 (170)	170	1.00	2.25	.750	1.563	.155	.135	.375	62
1” - #10H	200	1.00	2.25	.750	1.563	.180	.135	.390	60
1” - #7	412	1.00	2.25	.576	1.563	.275	.183	.550	45
1 1/2” - #16	40	1.33	3.00	1.25	2.625	.108	.060	.230	85
1 1/2” - #13	60	1.33	3.00	1.888	2.500	.105	.090	.242	85
1 1/2” - #10 (13)	79	1.33	3.00	1.188	2.500	.138	.090	.284	80
1 1/2” - #12	74	1.33	3.00	1.112	2.375	.109	.105	.225	83
1 1/2” - #9 (10)	120	1.33	3.00	1.125	2.375	.144	.135	.312	76
1 1/2” - #10 (170)	170	1.33	3.00	1.00	2.375	.200	.135	.380	74
1 1/2” - #10H	200	1.33	3.00	.830	2.375	.240	.135	.460	72
1 1/2” - #6	250	1.33	3.00	1.110	2.313	.203	.198	.433	69

3/16" à/to 5/16"
Motif à petits losanges aplatis/Small flattened diamond design

MODÈLE STYLE	Lb par 100 pi² / Lb per 100 ft²	Dimension des motifs Design Size (Pouces/Inches)		Dimension de l'ouverture Opening Size (Pouces/Inches)		Dimension des lanières Strand Size (Pouces/Inches)		Épaisseur globale Overall Thickness (Pouces/Inches)	% d'ouverture Open Area %
		SWD	LWD	SWO	LWO	Largeur Width	Épaisseur Thickness		
3/16" - #22F	72	.218	.500	.094	.343	.063	.027	.027	43
3/16" - #20F	86	.218	.500	.094	.343	.063	.032	.032	43
1/4" - #20F	88	.312	1.00	.156	.625	.079	.030	.030	35
1/4" - #18F	108	.312	1.00	.156	.625	.080	.040	.040	35
5/16" - #20F	54	.375	.750	.241	.563	.075	.032	.032	60
5/16" - #18F	95	.375	.750	.191	.563	.099	.040	.040	45

1/2" à/to 3/4" aplatis/flattened

MODÈLE STYLE	Lb par 100 pi² / Lb per 100 ft²	Dimension des motifs Design Size (Pouces/Inches)		Dimension de l'ouverture Opening Size (Pouces/Inches)		Dimension des lanières Strand Size (Pouces/Inches)		Épaisseur globale Overall Thickness (Pouces/Inches)	% d'ouverture Open Area %
		SWD	LWD	SWO	LWO	Largeur Width	Épaisseur Thickness		
1/2" - #20F	40	.593	1.20	.435	.938	.079	.029	.029	65
1/2" - #18F	66	.593	1.20	.399	.938	.097	.039	.039	60
1/2" - #16F	82	.593	1.20	.401	.938	.096	.050	.050	63
1/2" - #13F	140	.593	1.20	.379	.938	.107	.070	.070	52
1/2" - #13 (188)F	275	.500	1.25	.250	.100	.188	.070	.070	25
3/4" - #16F	51	1.063	2.00	.841	1.625	.111	.048	.048	74
3/4" - #13F	75	1.063	2.00	.851	1.625	.106	.070	.070	74
3/4" - #10 (13)F	114	1.063	2.00	.743	1.625	.160	.070	.070	68
3/4" - #9 (10)F	171	1.063	2.00	.733	1.625	.165	.120	.120	63

1" à/to 1 1/2" aplatis/flattened

MODÈLE STYLE	Lb par 100 pi² / Lb per 100 ft²	Dimension des motifs Design Size (Pouces/Inches)		Dimension de l'ouverture Opening Size (Pouces/Inches)		Dimension des lanières Strand Size (Pouces/Inches)		Épaisseur globale Overall Thickness (Pouces/Inches)	% d'ouverture Open Area %
		SWD	LWD	SWO	LWO	Largeur Width	Épaisseur Thickness		
1" - #14F	63	1.312	2.375	1.00	2.00	.125	.070	.070	80
1" - #12F	98	1.312	2.375	1.00	2.00	.156	.085	.085	74
1" - #10F	165	1.312	2.375	1.00	2.00	.160	.110	.110	58
1 1/2" - #16F	38	1.516	3.00	1.278	2.625	.119	.048	.048	83
1 1/2" - #13F	57	1.516	3.00	1.284	2.625	.116	.070	.070	80
1 1/2" - #12F	66	1.516	3.00	1.296	2.625	.116	.085	.085	85
1 1/2" - #9F	114	1.516	3.00	1.200	2.625	.158	.110	.110	75
1 1/2" - #10F	165	1.516	3.00	1.200	2.625	.188	.110	.110	63

grilles de structure/structural grating

MODÈLE STYLE	Lb par 100 pi² / Lb per 100 ft²		Dimension des motifs Design Size (Pouces/Inches)		Dimension de l'ouverture Opening Size (Pouces/Inches)		Dimension des lanières Strand Size (Pouces/Inches)		É			
	STD	GALV.	SWD	LWD	SWO	LWO	Largeur Width	Épaisseur Thickness	T (Pou			
2.00 lb	2.00	2.10	1.33	5.33	1.000	3.44	.267	.120	.480	9.0	2.25	60
3.00 lb	3.00	3.15	1.33	5.33	0.940	3.44	.264	.183	.540	9.0	2.25	60
3.14 lb	3.14	3.30	2.00	6.00	1.625	4.88	.312	.250	.656	6.0	2.00	69
4.00 lb	4.00	4.18	1.33	5.33	0.940	3.44	.300	.215	.618	9.0	2.25	55
4.27 lb	4.27	4.46	1.41	4.00	1.000	2.88	.300	.250	.625	8.5	3.00	58
5.00 lb	5.00	5.20	1.33	5.33	0.813	3.38	.331	.250	.655	9.0	2.25	50
6.25 lb	6.25	6.47	1.41	5.33	0.813	3.38	.350	.312	.715	8.5	2.25	50
7.00 lb	7.00	7.25	1.41	5.33	0.813	3.38	.391	.312	.740	8.5	2.25	45
10.00 lb	10.00		1.41	5.33	0.533	3.20	.560	.312	.855	8.5	2.25	21

Tableau de fléchissement de charge concentrée et uniforme/portée fixe
Deflexion data

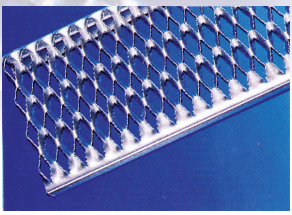
ACIER AU CARBONE - *STANDARD STEEL*

MODÈLE/ MODEL (LB. PAR PI. CAR.) (LB PER SQ IN)		PORTÉE/RANGE		
		24”	36”	48”
3.00	U	275	100	
	D	.250	.220	
	C	275	165	75
	D	.250	.250	.250
3.14	U	375	150	50
	D	.250	.240	.250
	C	375	155	75
	D	.250	.250	.250
4.00	U	350	150	50
	D	.240	.245	.250
	C	440	220	100
	D	.250	.250	.250
4.27	U	500	165	60
	D	.245	.245	.250
	C	400	225	100
	D	.250	.240	.250
5.00	U	600	175	100
	D	.240	.240	.250
	C	540	310	140
	D	.245	.250	.250
6.25	U	800	300	115
	D	.220	.250	.240
	C	800	300	150
	D	.220	.240	.240
7.00	U	800	400	165
	D	.210	.250	.240
	C	800	350	175
	D	.220	.240	.250

Type DECK SPAN/GRIP STRUT
Galvanisé/Galvanized

4 3/4	1 1/2	.105	144	2.3
	2		144	3.6
		.075		
7	1 1/2	.105	144	3.0
	1 1/2	.105	144	4.1
	2	.075	144	4.5
	2 1/2	.105	144	3.5
	3		144	5.2
		.075		
9 1/2	1 1/2	.105	144	3.6
	1 1/2	.075	144	5.0
	2	.105	144	3.8
	2	.075	144	5.4
	2 1/2	.105	144	4.1
	3		144	6.1
		.075		
11 3/4	1 1/2	.105	144	4.2
	1 1/2	.105	144	5.9
	2	.075	144	6.2
	2 1/2	.105	144	4.7
	3		144	7.0
		.075		
18 3/4	1 1/2	.105	144	6.1
	1 1/2	.105	144	8.5
	2	.075	144	8.9
	2 1/2	.105	144	6.6
	3		144	9.6
		.105		
24	2	.105	144	10.4
	3		144	11.1
	.075			

Grille de tiges métalliques | Grille de sécurité | Grip Span : Shur Grip, Recouvrement d'escalier Shur, Treillis d'escalier, Systèmes d'attache **| Métaux expansés**



SPÉCIFICATIONS DE LA GRILLE GRIP SPAN

Les planches de grilles de sécurité seront fabriquées à partir d'une seule pièce de matériau avec des bords en dent-de-scie par-dessus des ouvertures en forme de diamant.

Les planches de grilles de sécurité devront avoir des profilés latéraux coulés d'une seule pièce et avoir été fabriqué :

- D'acier prégalvanisé – Z275 (G90)
- D'un alliage d'aluminium 5052 H32
- D'acier inoxydable de type 304 ou 316

NORMES DU PRODUIT

- Acier – calibre 14 ou 12; Z275 galvanisé (feuille d'acier laminé à chaud ou galvanisé par immersion à chaud en commande spéciale).

Bar grating | Safety Grating | Grip Span : Shur Grip, Shur Step Flooring, Stair Treads, Fastening Methods **| Expanded Metals**

GRIP SPAN SPECIFICATIONS

Safety grating planks shall be manufactured from one-piece material with serrated edges on top of diamond shaped openings.

Safety grating planks shall have integral side channels and be manufactured from:

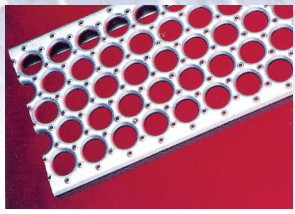
- pre-galvanized steel - Z275 (G90)
- aluminum alloy 5052 H32
- stainless steel type 304 or 316

PRODUCT STANDARDS

- steel - 14 gauge or 12 gauge; Z275 galvanized (H.R.P.O. or hot dipped galvanized by special order).

Largeur / Width	Longueur / Stock Length	Profondeur des profilés/Channel Depth
4-3/4"	144"	1-1/2", 2"
7"	144"	1-1/2", 2", 2-1/2", 3"
9-1/2"	144"	1-1/2", 2", 2-1/2", 3"
11-3/4""	144"	1-1/2", 2", 2-1/2", 3"
18-3/4"	144"	1-1/2", 2", 2-1/2", 3"
24"	144"	2", 3"
24" passage/walkway	144"	5"

Grille de tiges métalliques | Grille de sécurité | Grip Span : Shur Grip, Recouvrement d'escalier Shur, Treillis d'escalier, Systèmes d'attache **| Métaux expansés**



Spécifications de la grille Shur Grip
Les planches de grilles de sécurité seront fabriquées à partir d'une seule pièce de matériau ayant des trous creusés et chacun entouré de six boutons perforés.

Les planches de grilles de sécurité devront avoir des profilés latéraux coulés d'une seule pièce et avoir été fabriqué :
- D'acier prégalvanisé – Z275 (G90)
- D'un alliage d'aluminium 5052 H32

NORMES DU PRODUIT
- Acier – calibre 13 ou 11; Z275 galvanisé (feuille d'acier laminé à chaud ou galvanisé par immersion à chaud en commande spéciale).

Bar grating | Safety Grating : Grip Span **| Grip Span** : Shur Step Flooring, Stair Treads, Fastening Methods **| Expanded Metals | Fiberglass Grating**

SHUR GRIP SPECIFICATIONS
Safety grating planks shall be manufactured from one-piece material having debossed holes each surrounded by 6 perforated buttons.

Safety grating planks shall have integral side channels and be manufactured from:
- pre-galvanized steel - Z275 (G90)
- aluminum alloy 5052 H32

PRODUCT STANDARDS
- steel - 13 gauge or 11 gauge; Z275 galvanized (H.R.P.O. or hot dipped galvanized by special order).

Largeur / Width	Longueur / Stock Length	Profondeur des profilés/Channel Depth
5”	144”	1-1/2”, 2”
7”	144”	1-1/2”, 2”, 3”
10”	144”	1-1/2”, 2”, 3”
12”	144”	1-1/2”, 2”, 3”
18”	144”	1-1/2”, 2”, 3”
24”	144”	2”, 3”
24”, 30”, 36” passage/walkway	144”	5”

	MULTIPLIER/MULTIPLY	PAR/BY	RÉSULTAT/TO OBTAIN
Mesure linéaire/ Linear Measure	Millimètres/Millimetres Millimètres/Millimetres Mètres/Metres Kilomètres/Kilometres Pouces/Inches Pieds/Feet Pieds/Feet Milles/Miles	0.03937 0.003281 3.281 0.621 25.4 exact 304.8 0.3048 1.609	Pouces/Inches Pieds/Feet Pieds/Feet Milles/Miles Millimètres/Millimetres Millimètres/Millimetres Mètres/Metres Kilomètres/Kilometres
Mesure carrée ou surface Square Measure or Area	Millimètres carrés/ Square Millimetres Mètres carrés/ Square Metres Kilomètres carrés/ Square Kilometres Hectares/Hectares Kilomètres carrés/ Square Kilometres Pouces carrés/ Square Inches Pieds carrés/Square Feet Acres/Acres Acres/Acres Milles carrés/Square Miles	0.00155 10.764 247.1 2.471 0.386 645.2 0.0929 0.00405 0.4047 2.59	Pouces carrés/Square Inches Pieds carrés/Square Feet Acres/Acres Acres/Acres Milles carrés/Square Miles Millimètres carrés/ Square Miles Mètres carrés/Square Metres Kilomètres carrés/Square Kilometres Hectares/Hectares Kilomètres carrés/Square Kilometres
Température/ Temperature	Degrés, Celcius/ Degrees, Celsius Degrés, Fahrenheit/ Degrees, Fahrenheit	Multiplier par 1.8, ensuite ajouter 32/ Multiply by 1.8, then add 32 Soustraire 32 ensuite, multiplier par 0.555/ Substract 32 then, multiply by 0.555	Degrés, Fahrenheit/ Degrees, Fahrenheit Degrés, Celcius/ Degrees, Celsius

Le poid approximatif de divers métaux
Pour obtenir le poids de divers métaux, multipliez le volume en pouces cubes par le nombre ci-dessous. Cette somme représente le poids approximatif en livres.

Approximate weight of various metals
To find the weight of various metals, multiply the content in cubic inches by the number shown below. The result will be the approximative weight in pounds.

Fer/Iron	.27777	Laiton/Brass	.3112
Acier/Steel	.28332	Plomb/Lead	.41015
Cuivre/Copper	.32118	Zinc/Zinc	.25318
Étain/Tin	.26562	Aluminium/Aluminum	.09375

Impériale Imperial	Métrique Metric	**Section d'acier du treillis** **Steel section of wire-netting** po² / pi lin mm² / m lin	**Poids du treillis** **Wire-netting weight** lbs / 100 pi² kg / m²	**Dimensions standard des treillis*, en feuille, en rouleau*** **Wire-netting standard dimensions by sheet and roll***
6x6 – 9/9	152x152 MW 11.1 / MW 11.1	.035 74.3	25 1.22	rouleau*/roll* 4'x8' • 8'x12' 8'x20'
6x6 – 6/6[□]	152x152 MW 18.7 / MW 18.7	.059 124.5	42 2.05	rouleau*/roll* 4'x8' • 8'x12' 8'x16' • 8'x20'
6x6 – 4/4[□]	152x152 MW 25.7 / MW 25.7	.081 171.5	58 2.83	8'x12' • 8'x20'
4x4 – 6/6[□]	102x102 MW 18.7 / MW 18.7	.088 186.8	62 3.02	8'x12' • 8'x20'
4x4 – 4/4[□]	102x102 MW 25.7 / MW 25.7	.122 257.2	85 4.14	8'x12' • 8'x20'

Type 19-4/W•A•4

DIMENSIONS Plat/Flat			Lb/Pi² Lb/Ft²
3/4	x	1/8	3.93
3/4	x	3/16	5.58
1	x	1/8	5.03
1	x	3/16	7.23
1 1/4	x	1/8	6.12
1 1/4	x	3/16	8.87
1 1/2	x	1/8	7.23
1 1/2	x	3/16	10.51
1 3/4	x	3/16	12.17
2	x	3/16	13.81
2 1/4	x	3/16	15.45
2 1/2	x	3/16	17.11

Barres d'appui - 1 3/16 po de centre à centre
Support bar - 1 3/16 inch center to center

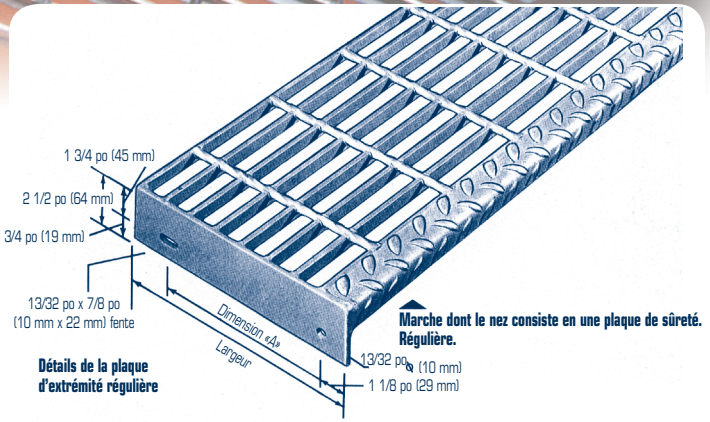
Caillebotis standard – Type W-A • Barres d'appui – 1 3/16" (ou 15/16") de centre à centre
Plaques – 3 pi de largeur nominale pas 24 pi de longueur

Tableau de Charges Vives – Charges de Service – Système Impérial
U – Charge vive uniforme en lb par pi carré
C – Charge vive concentrée en lb par pied de largeur
D – Affaissement en pouces
Les charges et affaissements indiqués dans ce tableau sont théoriques et fondés sur la contrainte maximum de fibres admissible par 18 000 lb/po².
LE CAILLEBOTIS (Grilles à barres soudées) EST CONFORME AUX NORMES DE N.A.A.M.M.

Standard Flowforge – Type 19 • Bearing Bars – 1 3/16" centers – Stock mats – 3' nominal by 24' long

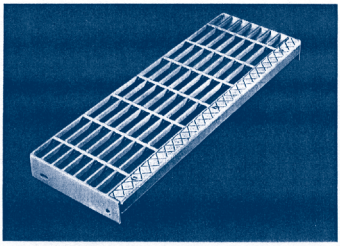
Table of Safe Loads – Imperial
U – Safe Uniform Load, in lbs. per sq. ft.
C – Safe Concentrated Load, in lbs. per foot of grating width.
D – Deflection in inches.
Loads and deflections given in this table are theoretical and are based on a maximum allowable fibre stress of 18,000 P.S.I.
FLOWFORGE GRATING MEETS N.A.A.M.M. STANDARDS

dimensions de la barre d'appui Size of bearing bar	Poids approx. par pi carré Approximate WT/lbs/sq.ft.			PORTÉE						
	Type W-A-4 19-4	Type W-A-2 19-2		2 pi - 0 po. 2'-0"	2 pi - 6 po. 2'-6"	3 pi - 0 po. 3'-0"	3 pi - 6 po. 3'-6"	4 pi - 0 po. 4'-0"	4 pi - 6 po. 4'-6"	5 pi - 0 po. 5'-0"
3/4" x 1/8"	3.93	4.57	U	386	247	172	126	96	76	
			D	.095	.151	.216	.295	.374	.486	
			C	386	308	258	220	194	171	
			D	.076	.119	.173	.234	.308	.389	
3/4" x 3/16"	5.58	6.22	U	578	370	258	188	144	115	
			D	.095	.151	.216	.295	.374	.486	
			C	578	462	386	331	289	257	
			D	.076	.119	.173	.234	.308	.389	
1" x 1/8"	5.03	5.67	U	686	439	304	224	171	135	109
			D	.072	.111	.159	.219	.288	.366	.451
			C	686	549	457	392	343	305	275
			D	.057	.090	.129	.176	.231	.293	.360
1" x 3/16"	7.23	7.87	U	1029	659	459	338	257	203	164
			D	.072	.111	.159	.219	.288	.366	.451
			C	1029	824	686	587	514	458	412
			D	.057	.090	.129	.176	.231	.293	.360
1 1/4" x 1/8"	6.12	6.76	U	1072	686	476	350	268	212	172
			D	.057	.090	.129	.176	.231	.291	.358
			C	1072	858	716	613	536	477	430
			D	.046	.072	.104	.141	.183	.233	.288
1 1/4" x 3/16"	8.87	9.51	U	1608	1028	716	526	403	318	258
			D	.057	.090	.129	.176	.231	.291	.358
			C	1608	1285	1073	918	803	716	644
			D	.046	.072	.104	.141	.183	.233	.288
1 1/2" x 1/8"	7.23	7.87	U	1544	987	686	505	387	306	248
			D	.047	.075	.106	.147	.192	.243	.300
			C	1544	1235	1029	883	772	687	619
			D	.038	.059	.087	.117	.154	.195	.241
1 1/2" x 3/16"	10.51	11.15	U	2321	1485	1031	758	581	458	371
			D	.047	.075	.106	.147	.192	.243	.300
			C	2321	1856	1547	1325	1159	1031	928
			D	.038	.059	.087	.117	.154	.195	.241
1 3/4" x 3/16"	12.17	12.81	U	3151	2016	1401	1029	788	622	505
			D	0.42	.064	.092	.126	.165	.208	.258
			C	3151	2521	2100	1800	1575	1400	1260
			D	.033	.052	.074	.101	.132	.167	.206



Détails de la plaque d'extrémité régulière

Marche dont le nez consiste en une plaque de sûreté. Régulière.



La marche régulière Flowforge à nez de plaque de sûreté est solide, légère et autonettoyante. Elle assure un maximum de visibilité et de sécurité antidérapante là où ces caractéristiques sont les plus nécessaires.

Marche spéciale à nez abrasif

Remarque : À moins d'indication contraire, un métal lisse (sans finition) sera fourni avec la marche à nez abrasif.

Remarque : Les boulons ne sont pas inclus.

Remarque : Le nez de la plaque est disponible en multiples de 6 po (153 mm) dans les longueurs de 23 1/2 po (597 mm) à 47 1/2 po (1206 mm).

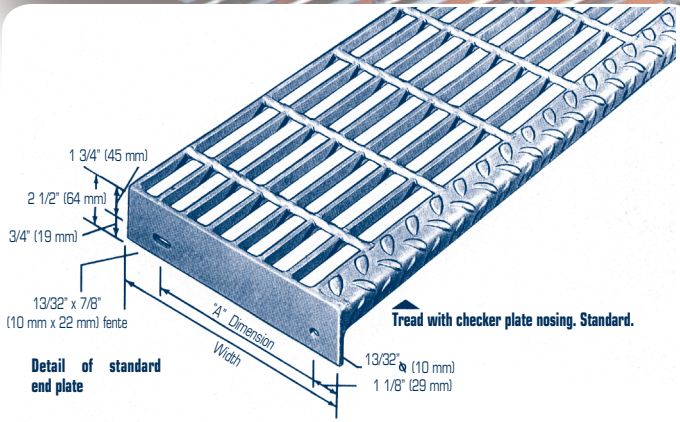
Dimensions recommandées des barres d'appui

Longueur maximum/marche		Dimensions/barres d'appui	
Impérial	Métrique	Impérial	Métrique
2 pi-2 po	660	3/4 po x 3/16 po	19 x 4,8
3 pi-0 po	914	1 po x 3/16 po	25 x 4,8
4 pi-0 po	1219	1 1/4 po x 3/16 po	32 x 4,8

(La barre d'appui de 1/8 po (3,2 mm) n'est pas recommandée)

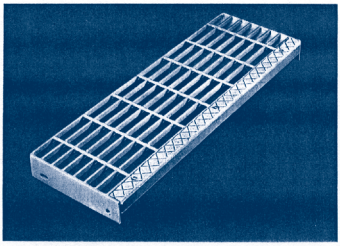
Largeur/marche Type W-A seulement		Nombre de barres d'appui	Dimensions « A »	
Impérial	Métrique		Impérial	Métrique
6 3/16 po	157	5	2 1/2 po	64
7 3/8 po	187	6	4 1/2 po	114
8 9/16 po	217	7	4 1/2 po	114
9 3/4 po	248	8	7 po	178
10 15/16 po	278	9	7 po	178

Remarque : Pour les marches de type W-B, C & D, ajouter 1 1/4 po (32 mm) aux largeurs des panneaux.



Detail of standard end plate

Tread with checker plate nosing. Standard.



Flowforge standard tread with checker plate nosing is strong, light-weight, and self-cleaning. It insures maximum visibility and under-foot safety where needed most.

Special tread with abrasive nosing.
Note: Abrasive nosings supplied with bare metal (no finish) unless specified.

Note: Bolts for mounting to stringers not included.

Note: Stock lenghts of nosing are available in 6" increments from 23 1/2" (597mm) to 47 1/2 (1206mm)

Recommended bearing bar sizes.

Maximum lenght/Treat		Bearing Bar Size	
Imperial	Metric	Imperial	Metric
2 ' - 2"	660	3/4" x 3/16"	19 x 4.8
3' - 0"	914	1" x 3/16"	25 x 4.8
4' - 0"	1219	1 1/4" x 3/16"	32 x 4.8

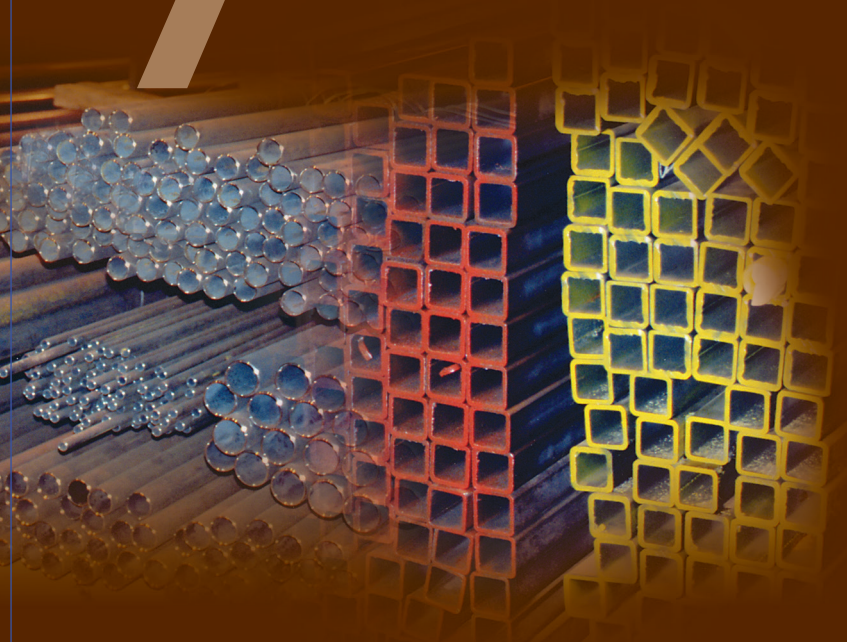
(1/8" (3.2mm) bearing bar not recommended)

Tread Width Type W-A only		Number of Bearing Bars	"A" Dimensions	
Imperial	Metric		Imperial	Metric
6 3/16"	157	5	2 1/2"	64
7 3/8"	187	6	4 1/2"	114
8 9/16"	217	7	4 1/2"	114
9 3/4"	248	8	7"	178
10 15/16"	278	9	7"	178

Note : Tread widths for type W-B, C & D add 1 1/4" (32mm) to panel widths.

7

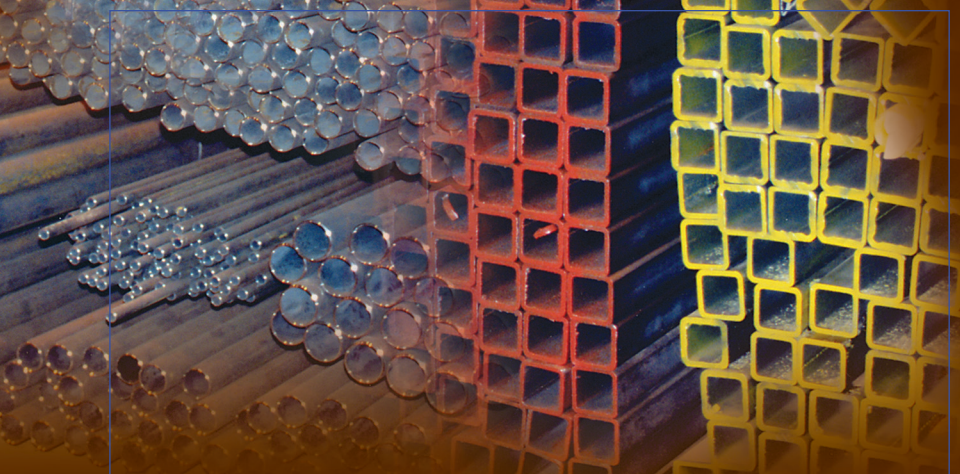
TUBES, TUYAUX
HSS, PIPES



Notre gamme de produits tubulaires est des plus variée.
Grâce à notre vaste stock, nous sommes
en mesure de combler vos besoins d'approvisionnement
quel que soit le produit que vous recherchez.

We offer a wide choice of tubular steel products.
Thanks to our huge inventory, we can supply
your every requirement.

Acier Bouchard INC.



Les tubes (HSS) doivent remplir
une fonction structurale dans le cadre
d'un concept d'ingénierie.
Les propriétés physiques et la qualité
commerciale de ces derniers sont garanties.

Hollow structural section (HSS) tubes are essential elements in structural engineering design. We guarantee the physical properties and commercial grade quality of our HSS tubes.

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
3/4 x 3/4 x .083	19 x 19 x 2.11	0.750
1 x 1 x .083	25.4 x 25.4 x 2.11	1.040
x .100	x 2.54	1.140
x .110	x 2.79	1.230
x .125	x 3.18	1.350
x .150	x 3.81	1.540
1 1/4 x 1 1/4 x .083	31.8 x 31.8 x 2.11	1.230
x .100	x 2.54	1.480
x .110	x 2.79	1.570
x .125	x 3.18	1.780
x .150	x 3.81	2.050
1 1/2 x 1 1/2 x .083	38.1 x 38.1 x 2.11	1.510
x .100	x 2.54	1.820
x .110	x 2.79	1.970
x .125	x 3.18	2.210
x .134	x 3.40	2.330
x .150	x 3.81	2.560
x .188	x 4.78	3.350
1 3/4 x 1 3/4 x .100	44.5 x 44.5 x 2.54	2.240
x .110	x 2.79	2.450
x .125	x 3.18	2.760
2 x 2 x .100	50.8 x 50.8 x 2.54	2.580
x .110	x 2.79	2.830
x .125	x 3.18	3.060
x .134	x 3.40	3.240
x .150	x 3.81	3.580
x .188	x 4.78	4.330
x .250	x 6.35	5.410

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
2 1/4 x 2 1/4 x .100	57.2 x 57.2 x 2.54	2.840
x .125	x 3.18	3.480
x .150	x 3.81	4.090
x .188	x 4.78	4.960
x .250	x 6.35	6.260
2 1/2 x 2 1/2 x .100	63.5 x 63.5 x 2.54	3.260
x .110	x 2.79	3.580
x .125	x 3.18	3.910
x .134	x 3.40	4.160
x .150	x 3.81	4.600
x .188	x 4.78	5.610
x .210	x 5.33	6.160
x .230	x 5.84	6.420
x .250	x 6.35	7.110
2 3/4 x 2 3/4 x .110	69.9 x 69.9 x 2.79	3.960
x .125	x 3.18	4.340
x .150	x 3.81	5.110
3 x 3 x .095	76.2 x 76.2 x 2.41	3.750
x .100	x 2.54	3.950
x .110	x 2.79	4.320
x .125	x 3.18	4.760
x .134	x 3.40	5.070
x .150	x 3.81	5.620
x .188	x 4.78	6.890
x .210	x 5.33	7.590
x .250	x 6.35	8.810
x .313	x 7.95	10.590
x .375	x 9.53	12.170

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
3 1/2 x 3 1/2 x .109	88.9 x 88.9 x 2.77	4.950
x .120	x 3.05	5.540
x .125	x 3.18	5.610
x .134	x 3.40	5.980
x .150	x 3.81	6.640
x .188	x 4.78	8.170
x .210	x 5.33	9.010
x .250	x 6.35	10.510
x .313	x 7.95	12.700
x .375	x 9.53	14.710
3 3/4 x 3 3/4 x .150	95.3 x 95.3 x 3.81	7.150
x .188	x 4.78	8.810
x .250	x 6.35	11.360
x .313	x 7.95	13.770
4 x 4 x .109	101.6 x 101.6 x 2.77	5.690
x .125	x 3.18	6.460
x .134	x 3.40	6.890
x .150	x 3.81	7.660
x .188	x 4.78	9.450
x .210	x 5.33	10.510
x .250	x 6.35	12.210
x .313	x 7.95	14.830
x .375	x 9.53	17.270
x .500	x 12.70	21.630
4 1/2 x 4 1/2 x .125	114.3 x 114.3 x 3.18	7.310
x .134	x 3.40	7.810
x .150	x 3.81	8.690
x .188	x 4.78	10.700
x .250	x 6.35	13.910
x .313	x 7.95	16.960
x .375	x 9.53	19.820

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
5 x 5 x .150	127.0 x 127.0 x 3.81	9.710
x .188	x 4.78	12.000
x .250	x 6.35	15.620
x .313	x 7.95	19.080
x .375	x 9.53	22.370
x .438	x 11.13	25.500
x .500	x 12.70	28.430
5 1/2 x 5 1/2 x .188	139.7 x 139.7 x 4.78	13.280
x .250	x 6.35	17.320
x .313	x 7.95	21.180
x .375	x 9.53	24.920
6 x 6 x .188	152.4 x 152.4 x 4.78	14.560
x .250	x 6.35	19.020
x .313	x 7.95	23.330
x .375	x 9.53	27.480
x .438	x 11.13	31.500
x .500	x 12.70	35.240
x .625	x 15.88	42.260
7 x 7 x .188	177.8 x 177.8 x 4.78	17.130
x .250	x 6.35	22.420
x .313	x 7.95	27.630
x .375	x 9.53	32.580
x .438	x 11.13	37.500
x .500	x 12.70	42.050
x .625	x 15.88	50.760
8 x 8 x .188	203.2 x 203.2 x 4.78	19.630
x .250	x 6.35	25.820
x .313	x 7.95	31.840
x .375	x 9.53	37.690
x .438	x 11.13	43.400
x .500	x 12.70	48.850
x .625	x 15.88	59.320

DIMENSIONS						Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch			MET. mm			
9	x 9	x .188	228.6	x 228.6	x 4.78	22.180
		x .250			x 6.35	29.230
		x .313			x 7.95	36.100
		x .375			x 9.53	42.790
		x .500			x 12.70	55.660
10	x 10	x .250	254.0	x 254.0	x 6.35	32.630
		x .313			x 7.95	40.350
		x .375			x 9.53	47.900
		x .438			x 11.13	55.400
		x .500			x 12.70	62.460
		x .625			x 15.88	76.330
12	x 12	x .250	304.8	x 304.8	x 6.35	39.430
		x .313			x 7.95	48.860
		x .375			x 9.53	58.100
		x .438			x 11.13	67.500
		x .500			x 12.70	76.070
14	x 14	x .313	355.6	x 355.6	x 7.95	57.360
		x .375			x 9.53	68.310
		x .500			x 12.70	89.680
16	x 16	x .313	406.4	x 406.4	x 7.95	62.870
		x .375			x 9.53	78.520
		x .500			x 12.70	103.30

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
1 1/2 x 1 x .100	38.1 x 25.4 x 2.54	1.560
x .110	x 2.79	1.710
x .125	x 3.18	1.910
x .150	x 3.81	2.180
2 x 1 x .083	50.8 x 25.4 x 2.11	1.610
x .100	x 2.54	1.820
x .110	x 2.79	1.940
x .125	x 3.18	2.210
x .134	x 3.40	2.490
x .150	x 3.81	2.750
x .188	x 4.78	3.350
2 x 1 1/2 x .100	50.8 x 38.1 x 2.54	2.580
x .125	x 3.18	2.660
2 1/2 x 1 1/2 x .100	63.5 x 38.1 x 2.54	2.580
x .110	x 2.79	2.830
x .125	x 3.18	3.060
x .150	x 3.81	3.580
x .188	x 4.78	4.330
x .250	x 6.35	5.410
3 x 1 x .100	76.2 x 25.4 x 2.54	2.580
x .110	x 2.79	2.830
x .125	x 3.18	3.060
x .150	x 3.81	3.580
x .188	x 4.78	4.330
x .250	x 6.35	5.410
3 x 1 1/2 x .100	76.2 x 38.1 x 2.54	2.920
x .125	x 3.18	3.480
x .150	x 3.81	4.090
x .188	x 4.78	4.960

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
3 x 2 x .100	76.2 x 50.8 x 2.54	3.260
x .110	x 2.79	3.580
x .125	x 3.18	3.910
x .134	x 3.40	4.160
x .150	x 3.81	4.600
x .188	x 4.78	5.610
x .210	x 5.33	6.160
x .250	x 6.35	7.110
x .313	x 7.95	8.430
3 x 2 1/2 x .090	76.2 x 63.5 x 2.79	3.190
x .109	x 2.77	3.810
x .125	x 3.18	4.310
x .160	x 4.06	5.430
x .188	x 4.78	6.250
3 1/2 x 2 x .090	88.9 x 50.8 x 2.79	3.190
x .109	x	3.810
x .125	2.77	4.310
x .160	x 3.18	5.430
x .188	x 4.06	6.250
	x 4.78	
3 1/2 x 2 1/2 x .095		3.660
x .125	88.9 x 63.5 x 2.41	4.760
x .134	x 3.18	5.070
x .150	x 3.40	5.620
x .188	x 3.81	6.890
x .210	x 4.78	7.590
x	x 5.33	8.810
.250	x 6.35	10.590
x .313	x 7.95	

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
4 x 2 x .095	101.6 x 50.8 x 2.41	3.660
x .125	x 3.18	4.760
x .134	x 3.40	5.070
x .150	x 3.81	5.620
x .188	x 4.78	6.890
x .210	x 5.33	7.590
x	x 6.35	8.810
.250	x 7.95	10.590
x .313		
	101.6 x 76.2 x 2.77	4.920
4 x 3 x .109	x 3.05	5.390
x .120	x 3.18	5.610
x .125	x 3.40	5.980
x .134	x 3.81	6.640
x .150	x 4.78	8.170
x .188	x 5.33	9.010
x .210	x 6.35	10.510
x .250	x 7.95	12.700
x .313	x 9.53	14.710
x .375		
	127 x 50.8 x 2.77	4.920
5 x 2 x .109	x 3.05	5.390
x .120	x 3.18	5.610
x .125	x 3.40	5.980
x .134	x 3.81	6.640
x .150	x 4.78	8.170
x .188	x 5.33	9.010
x .210	x 6.35	10.510
x .250	x 7.95	12.700
x .313	x 9.53	14.710
x .375		

DIMENSIONS								Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch				MET. mm				
5	x 2 1/2	x .150		127	x 63.5	x 3.81		7.150
		x .188				x 4.78		8.810
		x .210				x 5.33		10.060
		x .250				x 6.35		11.300
		x .313				x 7.95		13.800
		x .375				x 9.53		16.000
5	x 3	x .125		127	x 76.2	x 3.18		6.460
		x .134				x 3.40		6.890
		x .150				x 3.81		7.660
		x .188				x 4.78		9.450
		x .210				x 5.33		10.510
		x .250				x 6.35		12.210
		x .313				x 7.95		14.830
		x .375				x 9.53		17.270
5	x 4	x .125		127	x 101.6	x 3.18		7.310
		x .134				x 3.40		7.810
		x .150				x 3.81		8.699
		x .188				x 4.78		10.700
		x .250				x 6.35		13.910
		x .313				x 7.95		16.960
		x .375				x 9.53		19.820
6	x 2	x .125		152.4	x 50.8	x 3.18		6.460
		x .134				x 3.40		6.890
		x .150				x 3.81		7.660
		x .188				x 4.78		9.450
		x .210				x 5.33		10.510
		x .250				x 6.35		12.210
		x .313				x 7.95		14.830
		x .375				x 9.53		17.270

DIMENSIONS						Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch			MET. mm			
6	x 3	x .125	152.4 x 76.2	x 3.18		7.310
		x .134		x 3.40		7.810
		x .150		x 3.81		8.699
		x .188		x 4.78		10.700
		x .250		x 6.35		13.910
		x .313		x 7.95		16.960
		x .375		x 9.53		19.820
6	x 4	x .150	152.4 x 101.6	x 3.81		9.710
		x .188		x 4.78		12.000
		x .250		x 6.35		15.620
		x .313		x 7.95		19.080
		x .375		x 9.53		22.370
		x .500		x 12.70		28.430
7	x 2	x .125	177.8 x 50.8	x 3.18		7.310
		x .134		x 3.40		7.810
		x .150		x 3.81		8.699
		x .188		x 4.78		10.700
		x .250		x 6.35		13.910
		x .313		x 7.95		16.960
		x .375		x 9.53		19.820
7	x 3	x .150	177.8 x 76.2	x 3.81		9.710
		x .188		x 4.78		12.000
		x .250		x 6.35		15.620
		x .313		x 7.95		19.080
		x .375		x 9.53		22.370
		x .500		x 12.70		28.430
7	x 4	x .188	177.8 x 101.6	x 4.78		13.280
		x .250		x 6.35		17.320
		x .313		x 7.95		21.180
		x .375		x 9.53		24.920

DIMENSIONS						Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch			MET. mm			
7	x 5	x .188	177.8	x 127	x 4.78	14.560
		x .250			x 6.35	19.020
		x .313			x 7.95	23.330
		x .375			x 9.53	27.480
		x .438			x 11.13	31.500
		x .500			x 12.70	35.240
		x .625			x 15.88	42.260
8	x 2	x .150	203.2	x 50.8	x 3.81	9.710
		x .188			x 4.78	12.000
		x .250			x 6.35	15.620
		x .313			x 7.95	19.080
		x .375			x 9.53	22.370
		x .500			x 12.70	28.430
8	x 3	x .188	203.2	x 76.2	x 4.78	13.280
		x .250			x 6.35	17.320
		x .313			x 7.95	21.180
		x .375			x 9.53	24.920
8	x 4	x .188	203.2	x 101.6	x 4.78	14.560
		x .250			x 6.35	19.020
		x .313			x 7.95	23.330
		x .375			x 9.53	27.480
		x .438			x 11.13	31.500
		x .500			x 12.70	35.240
		x .625			x 15.88	42.260

DIMENSIONS						Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch			MET. mm			
8	x 6	x .188	203.2	x 152.4	x 4.78	17.130
		x .250			x 6.35	22.420
		x .313			x 7.95	27.630
		x .375			x 9.53	32.580
		x .438			x 11.13	37.500
		x .500			x 12.70	42.050
		x .625			x 15.88	50.760
9	x 3	x .188	228.6	x 76.2	x 4.78	14.560
		x .250			x 6.35	19.020
		x .313			x 7.95	23.330
		x .375			x 9.53	27.480
		x .438			x 11.13	31.500
		x .500			x 12.70	35.240
		x .625			x 15.88	42.260
9	x 5	x .188	228.6	x 127	x 4.78	17.130
		x .250			x 6.35	22.420
		x .313			x 7.95	27.630
		x .375			x 9.53	32.580
		x .438			x 11.13	37.500
		x .500			x 12.70	42.050
		x .625			x 15.88	50.760
9	x 7	x .188	228.6	x 177.8	x 4.78	19.630
		x .250			x 6.35	25.820
		x .313			x 7.95	31.840
		x .375			x 9.53	37.690
		x .438			x 11.13	43.400
		x .500			x 12.70	48.850
		x .625			x 15.88	59.320

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
10 x 2 x .188	254.0 x 50.8 x 4.78	14.560
x .250	x 6.35	19.020
x .313	x 7.95	23.330
x .375	x 9.53	27.480
x .438	x 11.13	31.500
x .500	x 12.70	35.240
x .625	x 15.88	42.260
10 x 4 x .188	254.0 x 101.6 x 4.78	17.130
x .250	x 6.35	22.420
x .313	x 7.95	27.630
x .375	x 9.53	32.580
x .438	x 11.13	37.500
x .500	x 12.70	42.050
x .625	x 15.88	50.760
10 x 6 x .188	254.0 x 152.4 x 4.78	19.630
x .250	x 6.35	25.820
x .313	x 7.95	31.840
x .375	x 9.53	37.690
x .438	x 11.13	43.400
x .500	x 12.70	48.850
x .625	x 15.88	59.320
10 x 8 x .188	254.0 x 203.2 x 4.78	22.180
x .250	x 6.35	29.230
x .313	x 7.95	36.100
x .375	x 9.53	42.790
x .500	x 12.70	55.660

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
12 x 2 x .188	304.8 x 50.8 x 4.78	17.130
x .250	x 6.35	22.420
x .313	x 7.95	27.630
x .375	x 9.53	32.580
x .438	x 11.13	37.500
x .500	x 12.70	42.050
x .625	x 15.88	50.760
12 x 4 x .188	304.8 x 101.6 x 4.78	19.630
x .250	x 6.35	25.820
x .313	x 7.95	31.840
x .375	x 9.53	37.690
x .438	x 11.13	43.400
x .500	x 12.70	48.850
x .625	x 15.88	59.320
12 x 6 x .188	304.8 x 152.4 x 4.78	22.180
x .250	x 6.35	29.230
x .313	x 7.95	36.100
x .375	x 9.53	42.790
x .500	x 12.70	55.660
12 x 8 x .250	304.8 x 203.2 x 6.35	32.630
x .313	x 7.95	40.350
x .375	x 9.53	47.900
x .438	x 11.13	55.400
x .500	x 12.70	62.460
x .625	x 15.88	76.330

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
14 x 4 x .188	355.6 x 101.6 x 4.78	22.180
x .250	x 6.35	29.230
x .313	x 7.95	36.100
x .375	x 9.53	42.790
x .500	x 12.70	55.660
14 x 6 x .250	355.6 x 152.4 x 6.35	32.630
x .313	x 7.95	40.350
x .375	x 9.53	47.900
x .438	x 11.13	55.400
x .500	x 12.70	62.460
x .625	x 15.88	76.330
16 x 4 x .250	406.4 x 101.6 x 6.35	32.630
x .313	x 7.95	40.350
x .375	x 9.53	47.900
x .438	x 11.13	55.400
x .500	x 12.70	62.460
x .625	x 15.88	76.330

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
1.000 x .065	25.4 x 1.65	0.649
x .083	x 2.11	0.813
x .095	x 2.41	0.920
1.050 x .095	26.7 x 2.41	0.950
x .100	x 2.54	1.010
x .110	x 2.79	1.110
x .113	x 2.87	1.130
x .125	x 3.18	1.230
1.250 x .100	31.8 x 2.54	1.230
x .125	x 3.18	1.510
x .134	x 3.40	1.600
1.315 x .100	33.4 x 2.54	1.300
x .110	x 2.79	1.410
x .125	x 3.18	1.590
1.660 x .100	42.2 x 2.54	1.670
x .110	x 2.79	1.820
x .125	x 3.18	2.050
x .134	x 3.40	2.170
1.875 x .100	47.6 x 2.54	1.900
x .125	x 3.18	2.340
1.900 x .100	48.3 x 2.54	1.920
x .110	x 2.79	2.100
x .125	x 3.18	2.380
x .150	x 3.81	2.800
x .188	x 4.78	3.430
x .250	x 6.35	4.410
2.000 x .100	50.8 x 2.54	2.030
x .125	x 3.18	2.500
x .150	x 3.81	2.960
x .188	x 4.78	3.640

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
2.375 x .100	60.3 x 2.54	2.430
x .125	x 3.18	3.010
x .150	x 3.81	3.570
x .188	x 4.78	4.400
x .250	x 6.35	5.680
2.500 x .125	63.5 x 3.18	3.170
x .150	x 3.81	3.770
x .188	x 4.78	4.650
x .250	x 6.35	6.020
2.750 x .125	69.9 x 3.18	3.500
x .150	x 3.81	4.180
x .188	x 4.78	5.150
x .250	x 6.35	6.690
2.875 x .125	73.0 x 3.18	3.670
x .150	x 3.81	4.370
x .188	x 4.78	5.400
x .250	x 6.35	7.010
3.000 x .125	76.2 x 3.18	3.840
x .134	x 3.40	4.100
x .150	x 3.81	4.570
x .188	x 4.78	5.660
x .250	x 6.35	
		7.350
3.500 x .125	88.9 x 3.18	
x .150	x 3.81	4.510
x .188	x 4.78	5.370
x .250	x 6.35	6.660
x .313	x 7.95	8.690
		10.660

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
3.750 x .150	95.3 x 3.81	5.780
x .188	x 4.78	7.160
x .210	x 5.33	7.950
x .250	x 6.35	9.360
x .313	x 7.95	11.500
4.000 x .125	101.6 x 3.18	5.170
x .134	x 3.40	5.530
x .150	x 3.81	6.170
x .188	x 4.78	7.670
x .210	x 5.33	8.510
x .250	x 6.35	10.020
x .313	x 7.95	12.340
x .375	x 9.53	14.520
4.500 x .125	114.3 x 3.18	5.850
x .188	x 4.78	8.680
x .250	x 6.35	11.360
x .313	x 7.95	14.010
x .375	x 9.53	16.540
4.750 x .188	120.7 x 4.78	9.140
x .250	x 6.35	12.000
x .313	x 7.95	14.800
5.000 x .125	127.0 x 3.18	6.840
x .150	x 3.81	7.780
x .188	x 4.78	9.670
x .250	x 6.35	12.690
x .313	x 7.95	15.690
x .375	x 9.53	18.540

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
5.562 x .188	141.3 x 4.78	10.800
x .250	x 6.35	14.200
x .313	x 7.95	17.600
x .375	x 9.53	20.800
6.000 x .125	152.4 x 3.18	7.840
x .188	x 4.78	11.680
x .250	x 6.35	15.370
x .313	x 7.95	19.030
x .375	x 9.53	22.550
6.625 x .125	168.3 x 3.18	8.680
x .188	x 4.78	13.000
x .250	x 6.35	17.020
x .313	x 7.95	21.100
x .375	x 9.53	25.100
7.000 x .188	177.8 x 4.78	13.690
x .250	x 6.35	18.040
x .313	x 7.95	22.370
x .375	x 9.53	26.560
7.500 x .188	190.5 x 4.78	14.700
x .250	x 6.35	19.400
x .313	x 7.95	24.000
x .375	x 9.53	28.500

DIMENSIONS		Lb/Pi lin. Lb/Lin. ft
IMP. Pouce/Inch	MET. mm	
8.625 x .188	219.1 x 4.78	16.940
x .250	x 6.35	22.360
x .313	x 7.95	27.790
x .375	x 9.53	33.040
x .438	x 11.13	38.400
x .500	x 12.70	43.390
10.750 x .250	273.1 x 6.35	28.000
x .313	x 7.95	34.800
x .375	x 9.53	41.600
x .438	x 11.13	48.200
x .500	x 12.70	54.700
12.750 x .250	323.9 x 6.35	33.400
x .313	x 7.95	41.600
x .375	x 9.53	49.600
x .438	x 11.13	57.500
x .500	x 12.70	65.400
14.000 x .250	355.6 x 6.35	36.800
x .313	x 7.95	45.800
x .375	x 9.53	54.700
x .438	x 11.13	63.500
x .500	x 12.70	72.200
16.000 x .250	406.4 x 6.35	42.100
x .313	x 7.95	52.500
x .375	x 9.53	62.700
x .438	x 11.13	72.900
x .500	x 12.70	82.900

CÉDULE 40 / *SCHEDULE 40*

DIMENSIONS		DIAMÈTRE/DIAMETER		Épaisseur Thickness	Lb/Pi. lin Lb/Lin. ft
IMP. **Pouce/Inch**	MET. **mm**	Ext./O.D.	Int./I.D.		
1/8	3.18	.405	.269	.068	.24
1/4	6.35	.540	.364	.088	.42
3/8	9.53	.675	.493	.091	.56
1/2	12.70	.840	.622	.109	.85
3/4	19.00	1.050	.824	.113	1.13
1	25.40	1.315	1.049	.133	1.67
1 1/4	31.80	1.660	1.380	.140	2.27
1 1/2	38.10	1.900	1.610	.145	2.71
2	50.80	2.375	2.067	.154	3.65
2 1/2	63.50	2.875	2.469	.203	5.79
3	76.20	3.500	3.068	.216	7.57
3 1/2	88.90	4.000	3.548	.226	9.10
4	101.60	4.500	4.026	.237	10.79
4 1/2	114.30	5.000	4.506	.247	12.53
5	127.00	5.563	5.047	.258	14.61
6	152.40	6.625	6.065	.280	18.97
7	177.80	7.625	7.023	.301	23.54
8	203.20	8.625	8.071	.277	24.69
8	203.20	8.625	7.981	.322	28.55
10	254.00	10.750	10.192	.279	31.20
10	254.00	10.750	10.136	.307	34.24
10	254.00	10.750	10.020	.365	40.48
12	304.80	12.750	12.090	.330	43.77
12	304.80	12.750	12.000	.375	49.56
14	355.60	14.000	13.250	.375	54.57
16	406.40	16.000	15.250	.375	62.58

CÉDULE 80 / *SCHEDULE 80*

DIMENSIONS		DIAMÈTRE/DIAMETER		Épaisseur Thickness	Lb/Pi. lin Lb/Lin. ft
IMP. **Pouce/Inch**	MET. **mm**	Ext./O.D.	Int./I.D.		
1/8	3.18	.405	.215	.095	.310
1/4	6.35	.540	.302	.119	.530
3/8	9.53	.675	.423	.126	.730
1/2	12.70	.840	.546	.147	1.080
3/4	19.00	1.050	.742	.154	1.470
1	25.40	1.315	.957	.179	2.170
1 1/4	31.80	1.660	1.278	.191	2.990
1 1/2	38.10	1.900	1.500	.200	3.630
2	50.80	2.375	1.939	.218	5.020
2 1/2	63.50	2.875	2.323	.276	7.660
3	76.20	3.500	2.900	.300	10.250
3 1/2	88.90	4.000	3.364	.318	12.500
4	101.60	4.500	3.826	.337	14.980
4 1/2	114.30	5.000	4.290	.355	17.610
5	127.00	5.563	4.813	.375	20.770
6	152.40	6.625	5.761	.432	28.570
7	177.80	7.625	6.625	.500	38.040
8	203.20	8.625	7.625	.500	43.380
10 (EH)	254.00	10.750	9.750	.500	54.730
12 (EH)	304.80	12.750	11.750	.500	65.410
14 (EH)	355.60	14.000	13.000	.500	72.090
16 (EH)	406.40	16.000	15.000	.500	82.770

DOUBLE EXTRA FORTS / *DOUBLE EXTRA HEAVY*

DIMENSIONS		DIAMÈTRE/DIAMETER		Épaisseur Thickness	Lb/Pi. lin Lb/Lin. ft
IMP. **Pouce/Inch**	MET. **mm**	Ext./O.D.	Int./I.D.		
1/2	12.70	.840	.252	.294	1.710
3/4	19.00	1.050	.434	.308	2.440
1	25.40	1.315	.599	.358	3.650
1 1/4	31.80	1.660	.896	.382	5.210
1 1/2	38.10	1.900	1.100	.400	6.400
2	50.80	2.375	1.503	.436	9.020
2 1/2	63.50	2.875	1.771	.552	13.690
3	76.20	3.500	2.300	.600	18.580
3 1/2	88.90	4.000	2.728	.636	22.850
4	101.60	4.500	3.152	.674	27.450
4 1/2	114.30	5.000	3.580	.710	32.530
5	127.00	5.563	4.063	.750	38.550
6	152.40	6.625	4.897	.864	53.160
7	177.80	7.625	5.875	.875	63.070
8	203.20	8.625	6.875	.875	72.420

Notre stock comprend les profilés de charpente carrée, ronde et rectangulaire respectant la norme G40.21 350W. Ces profilés sont recommandés pour leur résistance élevée par rapport à leur poids.

Norme/*Standard*	Grade	Limite élastique/ *Yield limit*	Charge de rupture/ *Tensile limit*
G40.21 classe C	50 W	50000 KSI	65000/89000

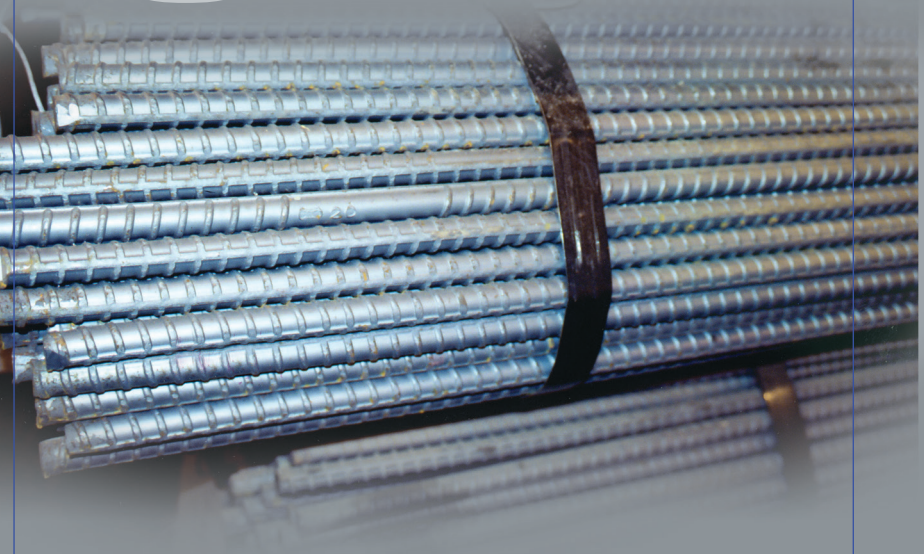
Our inventory includes CSA standard G40.21 35W square, round and rectangular steel shapes. Recommended for its superior load resistance factor.

Notre service de coupe voit à ce que votre commande soit assemblée et livrée selon vos besoins.

Our cut to measure department makes sure that your order is put together and delivered to your specifications.

8

ACIER D'ARMATURE
REINFORCING BARS



Nous sommes en mesure de répondre à vos besoins en matière d'acier d'armature grâce à notre vaste choix. Nous vous offrons également un service de coupe des plus avantageux.

Thanks to our wide offering of reinforcing bars, we can meet all your needs. We also offer a very competitive cut-to-measure service.

Acier Bouchard INC.

IMPÉRIAL ET MÉTRIQUE DE L'ACIER D'ARMATURE
WEIGHT OF IMPERIAL AND METRIC REINFORCING BARS

POIDS IMPÉRIAL IMPERIAL WEIGHT				
BAR SIZE	lb/ft	lb/m	kg/m	kg/ft
# 3	0.376	1.234	0.560	0.171
# 4	0.668	2.192	0.994	0.303
# 5	1.043	3.422	1.552	0.473
# 6	1.502	4.928	2.235	0.681
# 7	2.044	6.706	3.042	0.927
# 8	2.670	8.760	3.973	1.211
# 9	3.400	11.155	5.060	1.542
#10	4.303	14.117	6.404	1.952
#11	5.313	17.431	7.907	2.410
#14	7.650	25.098	11.384	3.470
#18	13.600	44.619	20.239	6.169

POIDS MÉTRIQUE METRIC MASS				
BAR DESI.	kg/m	lb/m	lb/ft	kg/ft
10M	0.785	1.731	0.528	0.239
15M	1.570	3.461	1.055	0.479
20M	2.355	5.192	1.583	0.718
25M	3.925	8.653	2.638	1.196
30M	5.495	12.114	3.693	1.675
35M	7.850	17.306	5.275	2.393
45M	11.775	25.959	7.912	3.589
55M	19.625	43.265	13.188	5.982

Dans cette table on a utilisé les valeurs suivantes pour la densité de l'acier

The following values for density of steel were used to compute this table:

489.60 lbs/ft³ – pi³ 7850 kg/m³

0.2833 lbs/in³ – po³ 0.00785 kg/cm³

TABLEAU DE CONVERSION DES NUANCES D'ACIER
CONVERSION OF GRADES OF STEEL

Grade 40 = 275.79 MPa	Grade 300 = 43,511 psi
Grade 50 = 344.74 MPa	Grade 350 = 50,763 psi
Grade 60 = 413.69 MPa	Grade 400 = 58,015 psi
Grade 75 = 517.11 MPa	

UNITÉ DE CONVERSION
COMMON UNIT CONVERSIONS

1/8 pouce/inch = 3.175 mm

1 pouce/inch = 25.4 mm

1 pied/foot = 0.3048 m

1 livre/pound = 0.4536 kg

Tonne courte/Short Ton (2000 lbs) = 907.18 kg

Tonne longue/Long Ton (2240 lbs) = 1016 kg

1 psi = 6.895 kPa

1 millimètre/millimetre = 0.0394 ins.

1 mètre/metre = 3.2808 ft.

1 kilogramme/1 kilogran = 2.2046 lbs.

0.90718 tonne = 2000 lbs.

1 tonne = 2204.6 lbs.

1 megapascal = 145.04 psi

Mesure impérial/Imperial measures

#3	3/8	9.5	0.376	7.520
#4	1/2	12.7	0.668	13.360
#5	5/8	15.9	1.043	20.860
#6	3/4	19.0	1.502	30.040
#7	7/8	22.2	2.045	40.900
#8	1	25.4	2.670	53.400
#10	1 1/4	31.8	4.303	86.06

Mesure métrique/Metric measures

DIMENSIONS			POIDS EN LB / WEIGHT IN LB	
N°	Diam. po/ Diam. inch	mm	au pied lin./ by lin. ft	Barre de 20'/ 20' bars
10 mm	.390	11.2	0.407	8.14
10 m	.445	11.3	0.527	10.54
12 m	.475	12.06	0.596	11.92
15 m	.630	16.0	1.056	21.10
20 m	.768	19.5	1.582	31.64
25 m	.992	25.2	2.637	52.74
30 m	1.177	29.9	3.693	73.84
35 m	1.405	35.7	5.276	105.50
45 m	1.720	43.7	7.912	158.24
55 m	2.220	56.4	13.188	263.74

DURETÉ (ÉPREUVES)

a) Dureté Brinell — Une mesure de dureté obtenue sur un appareil d'essai Brinell. La surface polie de l'échantillon est pénétrée par une pointe sphérique en acier durci d'un diamètre donné au moyen d'une charge prédéterminée que l'on y applique. Le diamètre de l'impression est mesuré en millimètres par un microscope micrométrique et la lecture est comparée sur un tableau déterminant le numéro de dureté Brinell (Bhn).

b) Dureté Rockwell — Une mesure de dureté obtenue sur un appareil d'essai Rockwell. La dureté est déterminée par la lecture d'un cadran qui indique la profondeur de pénétration d'une boule ou d'un losange conique en acier sous une charge donnée.

c) Dureté Shore ou Scléroscopique — Une mesure de dureté obtenue sur un appareil d'essai scléroscopique Shore. La dureté est déterminée par le rebond d'un marteau (ou pilon) à pointe en losange lorsque celui-ci frappe la surface de l'échantillon. Le marteau (ou pilon) est inséré dans un tube gradué en verre et la hauteur du rebond est indiquée sur le tube ou sur un cadran, dépendant du modèle de l'appareil en usage.

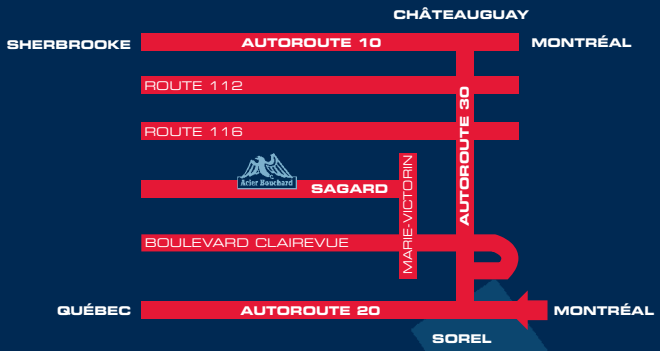
HARDNESS (TESTS)

a) Brinell Hardness — A hardness test performed on a Brinell hardness testing machine. The smooth surface of a specimen is indented with a spherical-shaped hardened steel ball of known diameter by means of a predetermined load applied to the ball. The diameter of the impression is measured in millimeters with a micrometer microscope, and the reading is compared with a chart to determine the Brinell Hardness number (Bhn).

b) Rockwell Hardness — A hardness test performed on a Rockwell hardness testing machine. Hardness is determined by a dial reading which indicates the depth of penetration of a steel ball or diamond cone when a load is applied.

c) Scleroscope or Shore Hardness — A hardness test performed on a Shore Scleroscope Hardness Tester. The hardness is determined by the rebound of a diamond pointed hammer (or tup) when it strikes the surface of a specimen. The hammer (or tup) is enclosed in a glass tube and the height of the rebound is read either against a graduated scale inscribed on the tube, or on a dial, depending on the model instrument used.

Information



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