

# GUIDE de CLASSIFICATION D'ACIER



MÉTAUX FERREUX et NON FERREUX  
Livraison dans le secteur du Grand Montréal

514-366-5202

[www.vente.aciercentury.com](http://www.vente.aciercentury.com)

514 366 5202 | NOUS VENDONS DE L'ACIER NEUF ET USAGÉ

## ○ BARRES RONDES > □ BARRES CARRÉES

DIMENSION	● Lb/pi.lin.	■ Lb/pi.lin.	DIMENSION	● Lb/pi.lin.	■ Lb/pi.lin.
3/16	.094	.120	1 7/8	9.39	
1/4	.167	.213	1 15/16	10.02	
5/16	.261	.332	2	10.68	13.60
3/8	.376	.478	2 1/8	12.06	
7/16	.511	.651	2 1/4	13.52	17.21
1/2	.668	.850	2 3/8	15.06	
9/16	.845		2 1/2	16.69	21.25
5/8	1.043	1.328	2 5/8	18.40	
11/16	1.262		2 3/4	20.19	25.71
3/4	1.502	1.913	2 7/8	22.07	
13/16	1.763		3	24.03	30.60
7/8	2.05	2.603	3 1/8	26.08	
15/16	2.35		3 1/4	28.21	35.91
1	2.67	3.400	3 3/8	30.42	
1 1/16	3.02		3 1/2	32.71	41.65
1 1/8	3.38	4.303	3 5/8	35.09	
1 3/16	3.77		3 3/4	37.55	47.81
1 1/4	4.17	5.313	4	42.73	54.40
1 5/16	4.60		4 1/4	48.23	
1 3/8	5.05	6.428	4 1/2	54.08	68.85
1 7/16	5.52		4 3/4	60.25	
1 1/2	6.01	7.65	5	66.76	85.00
1 9/16	6.52		5 1/4	73.60	
1 5/8	7.05	8.978	5 1/2	80.78	102.85
1 11/16	7.60		5 3/4	88.29	
1 3/4	8.18	10.41	6	96.13	122.40
1 13/16	8.77				

## □ BARRES PLATES

Dimension (pouces)		Poids (pied)		Dimension (pouces)		Poids (pied)	
<b>1/8</b>	<b>X</b>	1/4	.213	10	6.38		
		3/4	.319	12	7.65		
		1	.425				
		1 1/4	.531				
		1 1/2	.638				
		3/4	.744				
		2	.850				
		2 1/4	.956				
		2 1/2	1.062				
		2 3/4	1.169				
		3	1.273				
		3 1/2	1.490				
		4	1.700				
4 1/2	1.913						
5	2.125						
6	2.550						
8	3.400						
10	4.250						
12	5.100						
<b>3/16</b>	<b>X</b>	1/2	.319				
		3/4	.478				
		1	.638				
		1 1/4	.797				
		1 1/2	.956				
		1 3/4	1.12				
		2	1.28				
		2 1/4	1.43				
		2 1/4	1.59				
		3	1.91				
		3 1/2	2.23				
		4	2.55				
		4 1/2	2.87				
5	3.19						
6	3.83						
8	5.10						
<b>1/4</b>	<b>X</b>	1/2	.425				
		3/4	.638				
		1	.850				
		1 1/4	1.063				
		1 1/2	1.275				
		1 3/4	1.488				
		2	1.70				
		2 1/4	1.91				
		2 1/2	2.13				
		3	2.55				
		3 1/2	2.98				
		4	3.40				
		4 1/2	3.83				
5	4.25						
6	5.10						
7	5.95						
8	6.80						
10	8.50						
12	10.20						
<b>5/16</b>	<b>X</b>	1/2	.531				
		3/4	.797				
		1	1.06				
		1 1/4	1.33				
		1 1/2	1.59				
		1 3/4	1.86				
		2	2.13				
		2 1/4	2.39				
		2 1/2	2.66				
		3	3.19				
		3 1/2	3.72				
		4	4.25				
		4 1/2	4.78				

## BARRES PLATES ( suite de la page couverture )

Dimension ( pouces )		Poids ( pied )		Dimension ( pouces )		Poids ( pied )	
	5		5.31		7		14.87
	6		6.38		8		17.00
	7		7.44		10		21.25
	8		8.50		12		25.50
	10		10.63				
	12		12.75				
				<b>3/4</b>	<b>X</b>	1	2.55
						1 1/4	3.19
						1 1/2	3.83
						1 3/4	4.46
						2	5.10
						2 1/2	6.38
						3	7.65
						3 1/2	8.93
						4	10.20
						4 1/2	11.48
						5	12.75
						6	15.30
						7	17.85
						8	20.40
						10	25.50
						12	30.60
				<b>1</b>	<b>X</b>	1 1/4	4.25
						1 1/2	5.10
						1 3/4	5.95
						2	6.80
						2 1/2	8.50
						3	10.20
						3 1/2	11.90
						4	13.60
						4 1/2	15.30
						5	17.00
						6	20.40
						7	23.80
						8	27.20
						10	34.00
						11	37.40
						12	40.80
				<b>1 1/4</b>	<b>X</b>	1 1/2	6.38
						2	8.50
						2 1/2	10.63
						3	12.75
						3 1/2	14.88
						4	17.00
						4 1/2	19.13
						5	21.25
						6	25.50
						8	34.00
				<b>1 1/2</b>	<b>X</b>	2	10.20
						2 1/2	12.75
						3	15.30
						3 1/2	17.85
						4	20.40
						4 1/2	22.95
						5	25.50
						5 1/2	28.05
						6	30.60
						8	40.80

## LOCATION DE PLAQUES D'ACIER

Épaisseur -- Formats disponibles --

**1 po**                      4pi x 8pi                      4pi x 10pi                      5pi x 10pi

## ACIER D'ARMATURE

Numéro	Diamètre ( po )	Poids ( lb/pi )	Diam. métrique	Diam. impérial	Poids ( lb/pi )
3	.375	.376	10M	.393	.527
4	.500	.668	15M	.590	1.056
5	.625	1.043	20M	.787	1.582
6	.750	1.502	25M	.984	2.637
7	.875	2.045	30M	1.181	3.693
8	1.000	2.67	35M	1.378	5.276
			45M	1.772	7.912
			55M	2.165	13.188

## CORNIÈRES

Dimension (pouces)					Poids (pied)	Dimension (pouces)					Poids (pied)
1/2	X	1/2	X	1/8	.38			2	X	5-16	4.50
3/4	X	3/4	X	1/8	.59			2	X	3/8	5.30
1	X	1	X	1/8	.80	2 1/2	X	2 1/2	X	1/8	2.08
		1	X	3/16	1.16			2 1/2	X	3/16	3.07
		1	X	1/4	1.49			2 1/2	X	1/4	4.10
1 1/4	X	1 1/4	X	1/8	1.01			2 1/2	X	5/16	5.00
		1 1/4	X	3/16	1.48			2 1/2	X	3/8	5.90
		1 1/4	X	1/4	1.92			2 1/2	X	1/2	7.70
1 1/2	X	1 1/2	X	1/8	1.23	5	X	5	X	5/16	10.3
		1 1/2	X	3/16	1.80			5	X	3/8	12.3
		1 1/2	X	1/4	2.34			5	X	1/2	16.2
		1 1/2	X	5-16	2.86			5	X	5/8	20.0
1 3/4	X	1 3/4	X	1/8	1.44			5	X	3/4	23.6
		1 3/4	X	3/16	2.12	6	X	3 1/2	X	5/16	9.8
		1 3/4	X	1/4	2.77			3 1/2	X	3/8	11.7
		1 3/4	X	5/16	3.39			3 1/2	X	1/2	15.3
2	X	1 1/2	X	1/8	1.44	6	X	4	X	5/16	10.3
		1 1/2	X	3/16	2.12			4	X	3/8	12.3
		1 1/2	X	1/4	2.77			4	X	1/2	16.2
		1 1/2	X	5/16	3.39			4	X	5/8	20.0
2	X	2	X	1/8	1.65			4	X	3/4	23.6
		2	X	3/16	2.44	6	X	6	X	5/16	12.5
		2	X	1/4	3.19			6	X	3/8	14.9
		2	X	5/16	3.92			6	X	1/2	19.6
		2	X	3/8	4.70			6	X	5/8	24.2
								6	X	3/4	28.7
2 1/2	X	2	X	1/8	1.86	7	X	4	X	3/8	13.6
		2	X	3/16	2.75			4	X	1/2	17.9
		2	X	1/4	3.62						

## CORNIÈRES DE STRUCTURE

Dimension (pouces)					Poids (pied)	Dimension (pouces)					Poids (pied)
3	x	2	x	3/16	3.07			3 1/2	X	1/2	11.1
		2	x	1/4	4.1	4	X	3	X	1/4	5.8
		2	x	5/16	5.0			3	X	5/16	7.2
		2	x	3/8	5.9			3	X	3/8	8.5
3	x	2 1/2	x	3/16	3.39			3	X	1/2	11.1
		2 1/2	X	1/4	4.5	4	X	3 1/2	X	1/4	6.2
		2 1/2	X	5/16	5.6			3 1/2	X	5/16	7.7
		2 1/2	X	3/8	6.6			3 1/2	X	3/8	9.1
3	X	3	X	3/16	3.7			3 1/2	X	1/2	11.9
		3	X	1/4	4.9	4	X	4	X	1/4	6.6
		3	X	5/16	6.1			4	X	5/16	8.2
		3	X	3/8	7.2			4	X	3/8	9.8
		3	X	1/2	9.4			4	X	1/2	12.8
3 1/2	X	2 1/2	X	1/4	4.9			4	X	5/8	15.7
		2 1/2	X	5/16	6.1			4	X	3/4	18.5
		2 1/2	X	3/8	7.2	5	X	3	X	1/4	6.6
		2 1/2	X	1/2	9.4			3	X	5/16	8.2
3 1/2	X	3	X	1/4	5.4			3	X	3/8	9.8
		3	X	5/16	6.6			3	X	1/2	12.8
		3	X	3/8	7.9	5	X	3 1/2	X	1/4	7.0
		3	X	1/2	10.2			3 1/2	X	5/16	8.7
3 1/2	X	3 1/2	X	1/4	5.8			3 1/2	X	3/8	10.4
		3 1/2	X	5/16	7.2			3 1/2	X	1/2	13.6
		3 1/2	X	3/8	8.5						

## FEUILLES D'ACIER ( poids théorique en lb. par pied carré )

Jauge	Épaisseur (pi)	Poids (pi. carré)	Jauge	Épaisseur (pi)	Poids (pi. carré)
7	.1793	7.500	19	.0418	1.750
8	.1644	6.875	20	.0359	1.500
9	.1495	6.250	21	.0329	1.375
10	.1345	5.625	22	.0299	1.250
11	.1196	5.000	23	.0269	1.125
12	.1046	4.375	24	.0239	1.000
13	.0897	3.750	25	.0209	.875
14	.0747	3.125	26	.0179	.750
15	.0673	2.812	27	.0164	.688
16	.0598	2.500	28	.0149	.625
17	.0538	2.250	29	.0135	.562
18	.0478	2.000	30	.0120	.500

**PLAQUES D'ACIER ( poids théorique en lb. par pied carré )**

Épaisseur	Poids pied carré	Épaisseur	Poids pied carré
3/16	7.66	1 5/8	66.36
1/4	10.21	1 5/8	66.36
5/16	12.76	1 3/4	71.47
3/8	15.31		
7/16	17.87	2	81.68
1/2	20.42	2 1/4	91.89
9/16	22.97	2 1/2	102.10
5/8	25.52	2 3/4	112.31
3/4	30.63		
7/8	35.73	3	122.52
		3 1/4	132.72
1	40.84	3 1/2	142.93
1 1/8	45.94	3 3/4	153.14
1 1/4	51.05		
1 3/8	56.15	4	163.35
1 1/2	61.26		

**PLAQUES À PLANCHER ( poids théorique en lb. par pied carré )**

Épaisseur	Poids en livre	Épaisseur	Poids en livre
14G	3.75	1/4	11.25
12G	5.25	5/16	13.8
1/8	6.15	3/8	16.35
3/16	8.70	1/2	21.45

**PROFILÉS EN 'U'**

Dimension ( pouces )					Poids ( pied )	Dimension ( pouces )					Poids ( pied )	
1		X	1/2	X	1/8	.83	2	X	1	X	1/8	1.78
1 1/4	X	1/2	X	1/8	1.00	2	X	1	X	3/16	2.57	
1 1/2	X	1/2	X	1/8	1.12							

Dimension ( pouces )	Poids au pied	Largeur de l'aile	Épaisseur
<b>3</b>	4.1	1.410	.170
	5.0	1.498	.258
<b>4</b>	6.0	1.596	.356
	5.4	1.580	.184
<b>5</b>	6.25	1.647	.247
	7.25	1.720	.321
<b>6</b>	6.7	1.750	.190
	9.0	1.885	.325
<b>6</b>	8.2	1.920	.200
	10.5	2.034	.314
<b>7</b>	13.0	2.157	.437
	9.8	2.090	.210
<b>8</b>	12.25	2.194	.314
	14.75	2.299	.419
<b>8</b>	11.5	2.260	.220
	13.75	2.343	.303
<b>9</b>	18.75	2.527	.487
	13.4	2.430	.233
<b>9</b>	15.0	2.485	.285
	20.	2.648	.448
<b>10</b>	15.3	2.600	.240
	20.0	2.739	.379
<b>10</b>	25.0	2.886	.526
	30.0	3.033	.673
<b>12</b>	20.7	2.940	.282
	25.0	3.047	.387
<b>12</b>	30.	3.170	.510

**POUTRE EN ' I '**

Dimension ( pouces )	Poids au pied	Largeur de l'aile	Épaisseur
<b>3</b>	5.7	2.33	.170
	7.5	2.509	.349
<b>4</b>	7.7	2.660	.193
	9.5	2.796	.326
<b>5</b>	10.0	3.0	.214
	14.75	3.284	.494
<b>6</b>	12.5	3.330	.232
	17.25	3.565	.465
<b>7</b>	15.3	3.660	.252
	18.4	4.0	.271
<b>8</b>	23.4	4.171	.441
	25.4	4.660	.310
<b>10</b>	35.0	4.944	.594
	31.8	5.0	.350
<b>12</b>	40.8	5.250	.472



## POUTRE EN ' H '

Dimension (pouces)						Épaisseur	Dimension (pouces)						Épaisseur
4	x	4	x	13		.280	10	x	5 3/4	x	22	.240	
											26	.260	
											30	.300	
6	x	6	x	15		.230	10	x	8	x	33	.290	
				20		.260					39	.315	
				25		.320					45	.350	
8	x	5 1/4	x	18		.230	12	x	6 1/2	x	26	.230	
				21		.250					30	.260	
8	x	6 1/2	x	24		.245					35	.300	
				28		.285	14	x	5	x	22	.230	
8	x	8	x	31		.285					26	.255	
				35		.310	14	x	6 3/4	x	30	.270	
				40		.360					34	.285	
				48		.400					38	.310	
				58		.510							



## TUBES CARRÉS

Dimension (pouces)						Poids (pied)	Dimension (pouces)						Poids (pied)
3/4	X	3/4	X	.083		.75	4	X	4	X	.125	6.46	
											.150	7.66	
											.188	9.45	
1	X	1	X	.100		1.14					.250	12.21	
				.110		1.23					.313	14.83	
				.125		1.35					.375	17.27	
											.500	21.63	
1 1/4	X	1 1/4	X	.100		1.50	5	X	5	X	.150	9.71	
				.110		1.57					.188	12.00	
				.125		1.78					.250	15.62	
1 1/2	X	1 1/2	X	.100		1.82					.313	19.08	
				.110		1.97					.375	22.37	
				.125		2.21					.500	28.43	
				.188		3.05	6	X	6	X	.188	14.56	
2	X	2	X	.100		2.58					.250	19.02	
				.110		2.83					.313	23.33	
				.125		3.06					.375	27.48	
				.150		3.58					.500	35.24	
				.188		4.33	7	X	7	X	.188	17.13	
				.250		5.41					.250	22.42	
2 1/2	X	2 1/2	X	.100		3.26					.313	27.63	
				.110		3.58					.375	32.58	
				.125		3.91					.500	42.05	
				.150		4.60	8	X	8	X	.188	19.63	
				.188		5.61					.250	25.82	
				.250		7.11					.313	31.84	
3	X	3	X	.125		4.76					.375	37.69	
				.150		5.62					.500	48.85	
				.188		6.89	10	X	10	X	.250	32.63	
				.250		8.81					.313	40.35	
				.313		10.59					.375	47.90	
3 1/2	X	3 1/2	X	.125		5.61					.500	62.46	
				.150		6.64	12	X	12	X	.250	39.43	
				.188		8.17					.313	48.86	
				.250		10.51					.375	58.10	
				.313		12.70					.500	76.07	
				.375		14.71							



## TUBES RECTANGULAIRES

Dimension (pouces)						Poids (pied)	Dimension (pouces)						Poids (pied)
2	X	1	X	.100		1.82					.150	4.09	
				.110		1.94					.188	4.96	
				.125		2.21	3	X	2	X	.100	3.26	
				.150		2.75					.110	3.58	
				.188		3.35					.125	3.91	
2 1/2	X	1 1/2	X	.100		2.58					.150	4.60	
				.110		2.83					.188	5.61	
				.125		3.06					.250	7.11	
				.150		3.58	4	X	2	X	.125	4.76	
				.188		4.33					.150	5.62	
				.250		5.41					.188	6.89	
3	X	1 1/2	X	.100		2.92					.250	8.81	
				.125		3.48					.313	10.59	



## TUBES RECTANGULAIRES

Dimension (pouces)				Poids (pied)		Dimension (pouces)				Poids (pied)	
4	X	3	X	.125	5.61					.500	28.43
				.150	6.64					.250	17.32
5	X	2	X	.188	8.17	7	X	4	X	.188	13.28
				.250	10.51					.250	17.32
				.313	12.70					.313	21.18
				.375	14.71					.375	24.92
5	X	3	X	.150	7.66	7	X	5	X	.188	14.56
				.188	9.45					.250	19.02
6	X	2	X	.250	12.21	8	X	4	X	.313	23.33
				.313	14.83					.375	27.48
				.375	17.27					.500	35.24
6	X	3	X	.150	8.69	8	X	6	X	.188	17.13
				.188	10.70					.250	22.42
				.250	13.91					.313	27.63
				.313	16.96					.375	32.58
				.375	19.82				.500	42.05	
6	X	4	X	.150	9.71	10	X	6	X	.188	19.63
				.188	12.00					.250	25.82
8	X	2	X	.250	15.62					.313	31.84
				.313	19.08					.375	37.69
				.375	22.37					.500	48.85



## TUBES RONDS

Dimension (pouces)			Poids (pied)		Dimension (pouces)			Poids (pied)	
1.000	X	.095	.92				.188	5.40	
1.050	X	.100	1.01	3.000	X	.125	3.84		
		.125	1.23			.150	4.57		
1.315	X	.100	1.30					.188	5.66
		.125	1.59					3.500	X
1.660	X	.100	1.67					.188	6.66
		.125	2.05					4.000	X
1.900	X	.100	1.92					.188	7.67
		.125	2.38					5.000	X
2.375	X	.100	2.43					.188	9.67
		.125	3.01					6.000	X
2.875	X	.125	3.67						



## TUYAUX NOIRS (SCH.40) RÉGULIER

Dimension nominale	Diam. extérieur	Diam. intérieur	Épaisseur	Poids (pied)
1/8	.405	.269	.068	.24
1/4	.540	.364	.088	.42
3/8	.675	.493	.091	.56
1/2	.840	.622	.109	.85
3/4	1.050	.824	.113	1.13
1	1.315	1.049	.133	1.67
1 1/4	1.660	1.380	.140	2.27
1 1/2	1.900	1.610	.145	2.71
2	2.375	2.067	.154	3.65
2 1/2	2.875	2.469	.203	5.79
3	3.500	3.068	.216	7.57
3 1/2	4.000	3.548	.226	9.10
4	4.500	4.026	.237	10.79
4 1/2	5.000	4.506	.247	12.53
5	5.563	5.047	.258	14.61
6	6.625	6.065	.280	18.97



## TUYAUX NOIRS (SCH.80) RÉGULIER

Dimension nominale	Diam. extérieur	Diam. intérieur	Épaisseur	Poids (pied)
1/2	.840	.546	.147	1.08
3/4	1.050	.742	.154	1.47
1	1.315	.957	.179	2.17
1 1/4	1.660	1.278	.191	2.99
1 1/2	1.900	1.500	.200	3.63
2	2.375	1.939	.218	5.02
2 1/2	2.875	2.323	.276	7.66
3	3.500	2.900	.300	10.25
3 1/2	4.000	3.364	.318	12.50
4	4.500	3.826	.337	14.98
5	5.563	4.813	.375	20.77
6	6.625	5.761	.432	28.57



## MÉTAUX DÉPLOYÉS ( Régulier et aplati )

A être utilisé pour : gardes de sécurité, marches d'escaliers, plateformes, grilles de toutes sortes, planchers ajourés, passoires, décorations, etc.