

STEEL CHANNELS ASTM A36

BAR SIZE = Bar Size Channel JR = Junior/Stair Stringer

C = Standard Structural Channel MC = Miscellaneous/Ship & Car Channel

SIZE IN INCHES					SIZE IN mm			
DEPTH	FLANGE	WEB	Lb/LF		ANCHO	BRIDA	GROSOR	Kg/m
BAR SIZE	1" x	1/2" x	1/8"	0.80 #	25.4 mm x	12.7 mm x	3.2 mm	1.19 Kg
BAR SIZE	1 1/4" x	1/2" x	1/8"	1.00 #	31.8 mm x	12.7 mm x	3.2 mm	1.49 Kg
BAR SIZE	1 1/2" x	3/4" x	1/8"	1.17 #	38.1 mm x	19.1 mm x	3.2 mm	1.74 Kg
BAR SIZE	2" x	1/2" x	1/8"	1.34 #	50.8 mm x	12.7 mm x	3.2 mm	1.99 Kg
BAR SIZE	2" x	9/16" x	3/16"	1.76 #	50.8 mm x	14.3 mm x	4.8 mm	2.62 Kg
BAR SIZE	2" x	1" x	1/8"	1.78 #	50.8 mm x	25.4 mm x	3.2 mm	2.65 Kg
BAR SIZE	2" x	1" x	3/16"	2.57 #	50.8 mm x	25.4 mm x	4.7 mm	3.82 Kg
BAR SIZE	2 1/2" x	5/8" x	3/16"	2.27 #	63.5 mm x	15.9 mm x	4.7 mm	3.38 Kg
DEPTH	Lb/LF	FLANGE	WEB		ANCHO	Kg/m	BRIDA	GROSOR
C	3" x	3.5 #	1.375"	0.135"	C 76.2 mm x	5.21 Kg	34.9 mm	3.4 mm
C	3" x	4.1 #	1.410"	0.170"	C 76.2 mm x	6.1 Kg	35.8 mm	4.3 mm
C	3" x	5.0 #	1.498"	0.258"	C 76.2 mm x	7.44 Kg	38.0 mm	6.6 mm
C	3" x	6.0 #	1.596"	0.356"	C 76.2 mm x	8.93 Kg	40.5 mm	9.0 mm
MC	3" x	7.1 #	1.938"	0.313"	MC 76.2 mm x	10.6 Kg	49.2 mm	8.0 mm
C	4" x	4.5 #	1.560"	0.140"	C 102 mm x	6.7 Kg	39.6 mm	3.6 mm
C	4" x	5.4 #	1.580"	0.180"	C 102 mm x	8.04 Kg	40.1 mm	4.6 mm
C	4" x	6.25 #	1.647"	0.247"	C 102 mm x	9.3 Kg	41.8 mm	6.3 mm
C	4" x	7.25 #	1.720"	0.320"	C 102 mm x	10.8 Kg	43.7 mm	8.1 mm
MC	4" x	13.8 #	2.500"	0.500"	MC 102 mm x	20.5 Kg	63.5 mm	12.7 mm
C	5" x	6.7 #	1.750"	0.190"	C 127 mm x	9.97 Kg	44.5 mm	4.8 mm
C	5" x	9.0 #	1.885"	0.325"	C 127 mm x	13.4 Kg	47.9 mm	8.3 mm
C	6" x	8.2 #	1.920"	0.200"	C 152 mm x	12.2 Kg	48.8 mm	5.1 mm
C	6" x	10.5 #	2.034"	0.314"	C 152 mm x	15.6 Kg	51.7 mm	8.0 mm
MC	6" x	12.0 #	2.500"	0.313"	MC 152 mm x	17.9 Kg	63.5 mm	8.0 mm
C	6" x	13.0 #	2.157"	0.437"	C 152 mm x	19.3 Kg	54.8 mm	11.1 mm
MC	6" x	15.1 #	2.941"	0.316"	MC 152 mm x	22.5 Kg	74.7 mm	8.0 mm
MC	6" x	15.3 #	3.500"	0.340"	MC 152 mm x	22.8 Kg	88.9 mm	8.6 mm
MC	6" x	16.3 #	3.000"	0.375"	MC 152 mm x	24.3 Kg	76.2 mm	9.5 mm
MC	6" x	18.0 #	3.500"	0.375"	MC 152 mm x	26.8 Kg	88.9 mm	9.5 mm
C	7" x	9.8 #	2.090"	0.210"	C 178 mm x	14.6 Kg	53.1 mm	5.3 mm
C	7" x	12.25 #	2.194"	0.314"	C 178 mm x	18.2 Kg	55.7 mm	8.0 mm
C	7" x	14.75 #	2.299"	0.419"	C 178 mm x	21.9 Kg	58.4 mm	10.6 mm
MC	7" x	17.6 #	3.000"	0.375"	MC 178 mm x	26.2 Kg	76.2 mm	9.5 mm
MC	7" x	19.1 #	3.450"	0.350"	MC 178 mm x	28.4 Kg	87.6 mm	8.9 mm
MC	7" x	22.7 #	3.600"	0.500"	MC 178 mm x	33.8 Kg	91.4 mm	12.7 mm
JR MC	8" x	8.5 #	1.875"	0.180"	C 203 mm x	12.6 Kg	47.6 mm	4.6 mm
C	8" x	11.5 #	2.260"	0.220"	C 203 mm x	17.1 Kg	57.4 mm	5.6 mm
C	8" x	13.75 #	2.343"	0.303"	C 203 mm x	20.5 Kg	59.5 mm	7.7 mm
MC	8" x	18.7 #	0.298"	0.350"	MC 203 mm x	27.8 Kg	7.6 mm	8.9 mm
C	8" x	18.75 #	2.527"	0.487"	C 203 mm x	27.9 Kg	64.2 mm	12.4 mm
MC	8" x	20.0 #	3.025"	0.400"	MC 203 mm x	29.8 Kg	76.8 mm	10.2 mm
MC	8" x	21.4 #	3.450"	0.375"	MC 203 mm x	31.8 Kg	87.6 mm	9.5 mm
MC	8" x	22.8 #	3.500"	0.425"	MC 203 mm x	33.9 Kg	88.9 mm	10.8 mm
C	9" x	13.4 #	2.430"	0.230"	C 229 mm x	19.9 Kg	61.7 mm	5.8 mm
C	9" x	15.0 #	2.485"	0.285"	C 229 mm x	22.3 Kg	63.1 mm	7.2 mm
C	9" x	20.0 #	2.648"	0.448"	C 229 mm x	29.8 Kg	67.3 mm	11.4 mm
MC	9" x	23.9 #	3.450"	0.400"	MC 229 mm x	35.6 Kg	87.6 mm	10.2 mm
MC	9" x	25.4 #	3.500"	0.450"	MC 229 mm x	37.8 Kg	88.9 mm	11.4 mm
JR MC	10" x	6.5 #	1.125"	0.150"	JR MC 254 mm x	9.67 Kg	28.6 mm	3.8 mm
JR MC	10" x	8.4 #	1.500"	0.170"	JR MC 254 mm x	12.5 Kg	38.1 mm	4.3 mm
C	10" x	15.3 #	2.600"	0.240"	C 254 mm x	22.8 Kg	66.0 mm	6.1 mm
C	10" x	20.0 #	2.739"	0.379"	C 254 mm x	29.8 Kg	69.6 mm	9.6 mm
MC	10" x	21.9 #	3.450"	0.325"	MC 254 mm x	32.6 Kg	87.6 mm	8.3 mm
MC	10" x	22.0 #	3.315"	0.290"	MC 254 mm x	32.7 Kg	84.2 mm	7.4 mm
MC	10" x	24.9 #	3.400"	0.375"	MC 254 mm x	37.1 Kg	86.4 mm	9.5 mm
C	10" x	25.0 #	2.886"	0.526"	C 254 mm x	37.2 Kg	73.3 mm	13.4 mm
MC	10" x	25.0 #	3.405"	0.380"	MC 254 mm x	37.2 Kg	86.5 mm	9.7 mm
MC	10" x	28.3 #	3.502"	0.477"	MC 254 mm x	42.1 Kg	89.0 mm	12.1 mm
MC	10" x	28.5 #	3.950"	0.425"	MC 254 mm x	42.4 Kg	100.3 mm	10.8 mm
C	10" x	30.0 #	3.033"	0.673"	C 254 mm x	44.6 Kg	77.0 mm	17.1 mm
MC	10" x	33.6 #	4.100"	0.575"	MC 254 mm x	50 Kg	104.1 mm	14.6 mm
MC	10" x	41.1 #	4.321"	0.796"	MC 254 mm x	61.2 Kg	109.8 mm	20.2 mm
JR MC	12" x	10.6 #	1.500"	0.190"	JR MC 305 mm x	15.8 Kg	38.1 mm	4.8 mm
C	12" x	20.7 #	2.940"	0.280"	C 305 mm x	30.8 Kg	74.7 mm	7.1 mm
C	12" x	25.0 #	3.047"	0.587"	C 305 mm x	37.2 Kg	77.4 mm	14.9 mm
C	12" x	30.0 #	3.170"	0.510"	C 305 mm x	44.6 Kg	80.5 mm	13.0 mm
MC	12" x	31.0 #	3.670"	0.370"	MC 305 mm x	46.1 Kg	93.2 mm	9.4 mm
MC	12" x	32.9 #	3.500"	0.500"	MC 305 mm x	49 Kg	88.9 mm	12.7 mm
MC	12" x	35.0 #	3.767"	0.467"	MC 305 mm x	52.1 Kg	95.7 mm	11.9 mm
MC	12" x	40.0 #	3.890"	0.590"	MC 305 mm x	59.5 Kg	98.8 mm	15.0 mm
MC	12" x	45.0 #	4.012"	0.712"	MC 305 mm x	67 Kg	101.9 mm	18.1 mm
MC	12" x	50.0 #	4.135"	0.835"	MC 305 mm x	74.4 Kg	105.0 mm	21.2 mm
MC	13" x	31.8 #	4.000"	0.375"	MC 330 mm x	47.3 Kg	101.6 mm	9.5 mm
MC	13" x	35.0 #	4.072"	0.447"	MC 330 mm x	52.1 Kg	103.4 mm	11.4 mm
MC	13" x	40.0 #	4.185"	0.560"	MC 330 mm x	59.5 Kg	106.3 mm	14.2 mm
MC	13" x	50.0 #	4.412"	0.787"	MC 330 mm x	74.4 Kg	112.1 mm	20.0 mm
C	15" x	33.9 #	3.400"	0.400"	C 381 mm x	50.4 Kg	86.4 mm	10.2 mm
C	15" x	40.0 #	3.520"	0.520"	C 381 mm x	59.5 Kg	89.4 mm	13.2 mm
C	15" x	50.0 #	3.716"	0.716"	C 381 mm x	74.4 Kg	94.4 mm	18.2 mm
MC	18" x	42.7 #	3.950"	0.450"	MC 457 mm x	63.5 Kg	100.3 mm	11.4 mm
MC	18" x	45.8 #	4.000"	0.500"	MC 457 mm x	68.2 Kg	101.6 mm	12.7 mm
MC	18" x	51.9 #	4.100"	0.600"	MC 457 mm x	77.2 Kg	104.1 mm	15.2 mm
MC	18" x	58.0 #	4.200"	0.700"	MC 457 mm x	86.3 Kg	106.7 mm	17.8 mm