



C.W. CARRY LTD.



STEEL SERVICE CENTRE

AND STRUCTURAL STEEL FABRICATOR



Reinforcing Bars (CSA G30.18)

METRIC STANDARD REINFORCING BARS								
Bar Size	Mass	Weight	Nominal Dimensions—Round Bars ¹					
			Diameter		Cross Sectional Area		Perimeter	
Designation	Kg / m	lbs / ft	mm	ins.	mm ²	ins. ²	mm	ins.
10M	.785	.530	11.3	.445	100	.16	35.5	1.398
15M	1.570	1.05	16.0	.630	200	.31	50.1	1.972
20M	2.355	1.58	19.5	.768	300	.47	61.3	2.413
25M	3.925	2.64	25.2	.992	500	.78	79.2	3.118
30M	5.495	3.69	29.9	1.177	700	1.09	93.9	3.697
35M	7.850	5.27	35.7	1.406	1000	1.55	112.2	4.417
45M	11.775	7.912	43.7	1.720	1500	2.33	137.3	5.406
55M	19.625	13.187	56.4	2.220	2500	3.88	177.2	6.976

¹ The nominal dimensions of a deformed bar are equivalent to those of a plain bar having the same mass per meter (weight per foot) as the deformed bar.

Bars are available in three grades providing different levels of strength.				
GRADE	Minimum Tensile Strength		Minimum Yield Strength ¹	
	MPa	KSI	MPa	KSI
300R	405	58.7	300	43.5
400R	540	78.3	400	58.0

¹ Yield Point

Disclaimer : Not all rebar sizes and grades listed are available from stock. The list above represents rebar sizes that have been or are still produced by specific Mills worldwide. Availability of any size should be confirmed before using in any design specs.