VARSTEEL

REINFORCING BARS

METRIC STANDARD REINFORCING BARS								
BAR SIZE	MASS	WEIGHT	NOMINAL DIMENSIONS - ROUND BARS[1]					
			Diameter		Cross Sectional Area		Perimeter	
Designation	Kg/m	lbs./ft.	mm	in.	mm²	in.²	mm	in.
10M	.785	.530	11.3	.445	100	.16	35.5	1.398
15M	1.570	1.06	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	5.28	35.7	1.405	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 metre (weight per foot) as the deformed bar.

STOCKED IN 6 METRE LENGTHS

Bars are available in three grades providing different levels of strength.

GRADE	Minimum Tensile Strength		Minimum Yield Strength[2]	
	MPa	Ksi	MPa	Ksi
300	450	65.3	300	43.5
350	550	79.8	350	50.8
400	600	87.0	400	58.0

[2] Yield Point

REINFORCING MESH

Standard Roll Size: 5'x100', 5'x200'
Standard Sheet Size: 7'x20', 7.5'x20'

Imperial Destination	WGHT./SQ. FT.
6 x 6 x 10/10	.210
6 x 6 x 8/8	.300
6 x 6 x 6/6	.420
6 x 6 x 4/4	.580
4 x 4 x 10/10	.287
4 x 4 x 8/8	.413
4 x 4 x 6/6	.580
4 x 4 x 4/4	.857