



## Measurements and Sizes

Description	Size	Thickness of Material	Composition of Material
SS33 Bolt	Diam 32.25 mm - 33.75 mm	Nominal 2.3 mm	ASTM A607 Grade 60 Class 1
SS39 Bolt	Diam 37.50 mm - 39.0 mm	Nominal 2.3 mm	ASTM A607 Grade 60 Class 1
SS46 Bolt	Diam 44.50 mm - 26.0 mm	Nominal 3.2 mm	ASTM A607 Grade 60 Class 1
SS125 Plate	125 mm x 125 mm (±2 mm)	Nominal 4.5 mm	SABS 1431 Grade 300 WA
SS150 Plate	150 mm x 150 mm (±2 mm)	Nominal 6.0 mm	SABS 1431 Grade 300 WA

*For 39mm bolts begin with drill bits smaller than 1.375" (35mm) Diameter*

*For 33mm bolts begin with drill bits smaller than 1.275" (32mm) Diameter*

*Pull test bolts - Optimum bit size will vary with ground conditions*

## Weights

Description	Standard Iron			Hot Dipped Galvanized		
	SS33B	SS39B	SS46B	SS33G	SS39G	SS46G
Bolt 18 inches long	0.74 kg	0.86 kg	1.34 kg	0.81 kg	0.95 kg	1.47 kg
Bolt 2 feet long	0.96 kg	1.12 kg	1.76 kg	1.06 kg	1.23 kg	1.94 kg
Bolt 3 feet long	1.42 kg	1.66 kg	2.61 kg	1.56 kg	1.83 kg	2.87 kg
Bolt 4 feet long	1.88 kg	2.19 kg	3.46 kg	2.07 kg	2.41 kg	3.81 kg
Bolt 5 feet long	2.34 kg	2.72 kg	4.30 kg	2.57 kg	2.99 kg	4.73 kg
Bolt 5 feet 9 inches long	2.68 kg	3.13 kg	4.94 kg	2.95 kg	3.44 kg	5.43 kg
Bolt 6 feet long	2.79 kg	3.26 kg	5.15 kg	3.07 kg	3.59 kg	5.67 kg
Bolt 7 feet long	3.25 kg	3.79 kg	6.00 kg	3.58 kg	4.17 kg	6.60 kg
Bolt 8 feet long	3.71 kg	4.33 kg	6.85 kg	4.08 kg	4.76 kg	7.54 kg
Plate 125 mm x 125 mm	0.50kg			0.55kg		
Plate 150 mm x 150 mm	0.70kg			0.77kg		

*Please note: hot dip galvanizing adds 10% to the weight of the product.*