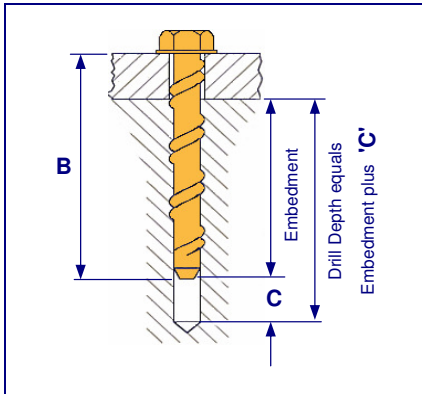


Excalibur Screwbolt Data

16mm

Screwbolt Fixing Details



Drill Bit Diameter

Concrete & Brick	16.0mm
Clearance Drill Diameter	19.0mm

Screwbolt Head Styles & Dimensions

Flange Hexagon	HSB	24mm A/Flats Hexagon Flange Diameter 32mm	
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Studbolt	SSB	11mm A/Flats Hexagon Drive M16 Metric Thread	
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Hexagon Head - Studbolt

Type Number.	Head Style	Max. Fixing Thickness A (mm)	U/Head Length B (mm)	Clearance Depth C (mm)	Metric Thread M (mm)	Stud Length L (mm)	Box Quantity
HSB 16/100	Hexagon Head	28	100	32	-	-	20
HSB 16/150	Hexagon Head	58	150	32	-	-	20
HSB 16/200	Hexagon Head	108	200	32	-	-	20
SSB 16/100	Stud Bolt	-	100	32	38	100	20

HSB Ultimate & Safe Load Characteristics based on 3:1 ratio

Material	Embedment Depth	Tensile Load kN.		Shear Load kN.	
		Ultimate	Safe	Ultimate	Safe
Concrete	60 N/mm ²	117.79	39.26	80.08	26.67
	35 N/mm ²	89.97	29.99	78.89	26.29

For Edges
Distances
see page 10