

Technical data sheet

SIMPSON

Strong-Tie

X1B

Bracket Screw

The X1B is a self-drilling screw with a #3 drill point and 5/16" hex washer head. The drill point allows the screw to penetrate the steel without the need for a pilot hole. Suitable for connecting LGS sections together between 0.9mm and 2.6mm thickness. Ideally suited for use with LGSSC brackets.

Driver bit not included.

Features

Material

Steel - bright zinc coating

Features

- 5.5mm x 25mm
- 5/16" hex washer head
- #3 drill point
- Suitable for 450 grade hardened steel
- Also available Quik Drive collated as X1S screws

Applications

Common Applications

- Connecting light gauge steel sections
- Commonly used with LGSSC brackets



*E1B1414B used to connect
S/HD to LGS Studs*

X1B
Bracket Screw

Technical Data

Product Dimensions

References	Fastener dimensions [mm]				TPI	Drill Point	Box Quantity
	Head	d _w	d	l			
X1B1214R100	5/16" Hex	10.1	5.5	25	14	#3	100

Performance Values

References	Performance Values [kN] / Member Thickness [mm]							
	Shear				Tension			
	Safe Working Loads [kN]		Characteristic Loads [kN]		Safe Working Loads [kN]		Characteristic Loads [kN]	
	1.2 [mm]	1.6 [mm]	1.2 [mm]	1.6 [mm]	1.2 [mm]	1.6 [mm]	1.2 [mm]	1.6 [mm]
X1B1214R100	2.2	2.8	3.5	4.5	0.8	1.2	1.2	1.9

