

## Technical data sheet

**SIMPSON**

**Strong-Tie**

### E1B Self-Drilling Screw

The E1B is a 6.1mm diameter self-drilling screw with a #3 drill point and hex washer head. The drill point allows the screw to penetrate the steel without the need for a pilot hole. Suitable for use with hold downs such as S/HDS. Driver bit not included.

## Features

### Material

**Steel - Clear zinc coating**

### Features

- 6.1mm x 25mm
- 3/8" hex washer head
- 12.2mm integral washer
- #3 drill point

## Applications

### Common Applications

**Recommended for use with certain Simpson Strong-Tie connectors for fixing to steel up to 8mm max.**



E1B  
Self-Drilling Screw

# Technical Data

## Product Dimensions

References	Fastener dimensions [mm]				TPI	Drill Point	Box Quantity
	Head	d <sub>w</sub>	d	l			
E1B1414B/1	3/8" Hex	12.2	6.1	25	14	#3	1
E1B1414B	3/8" Hex	12.2	6.1	25	14	#3	2500

## 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]
E1B1414B	1.3	2.7	2	4	0.6	1.1	0.9	1.7

