

GROUND SCREWS

BEARER BRACKET



The J Vice Ground Screw System is a heavy-duty, steel foundation solution available in 700mm – 2000 mm lengths, featuring a universal M20 interface for rapid connection to J Vice adapter plates across multiple applications.

Patent-Pending Ball & Socket Connector

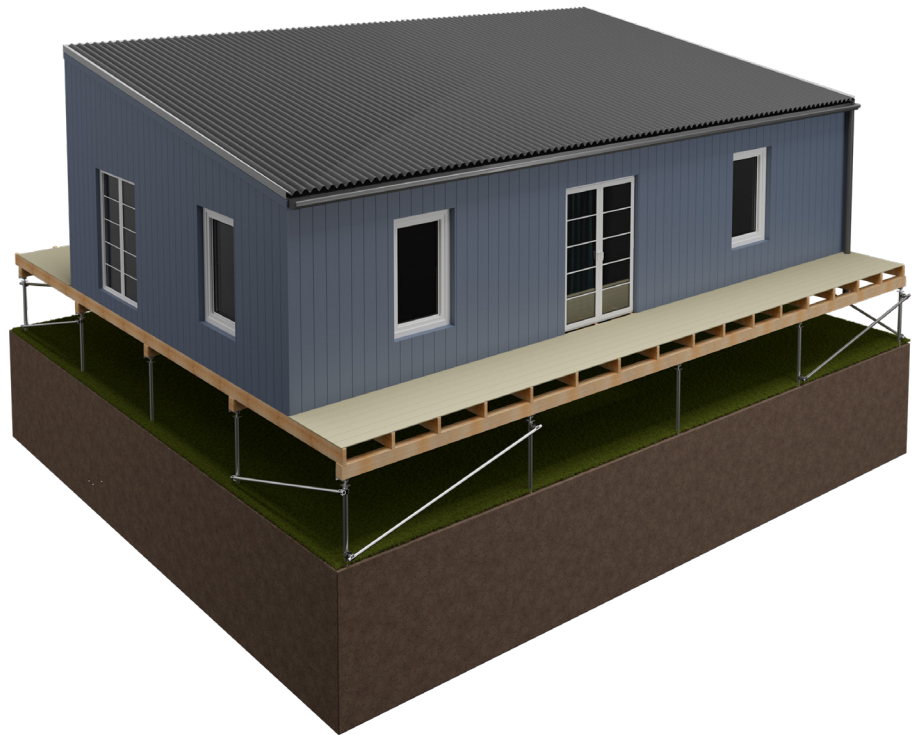
- Self aligning swivel joint
- Built in height adjustment
- Designed for uneven ground

J Vice Bearer Bracket Uses

- Larger decks
- Tiny homes
- Consented structures
- Bracing available for structures over 600mm

PRODUCT CODES

GS-M20-Washer-Pack
GS-BL-M20x100-GA
GS-NT-M20HF-GA
GS-BK-Bearer-GA

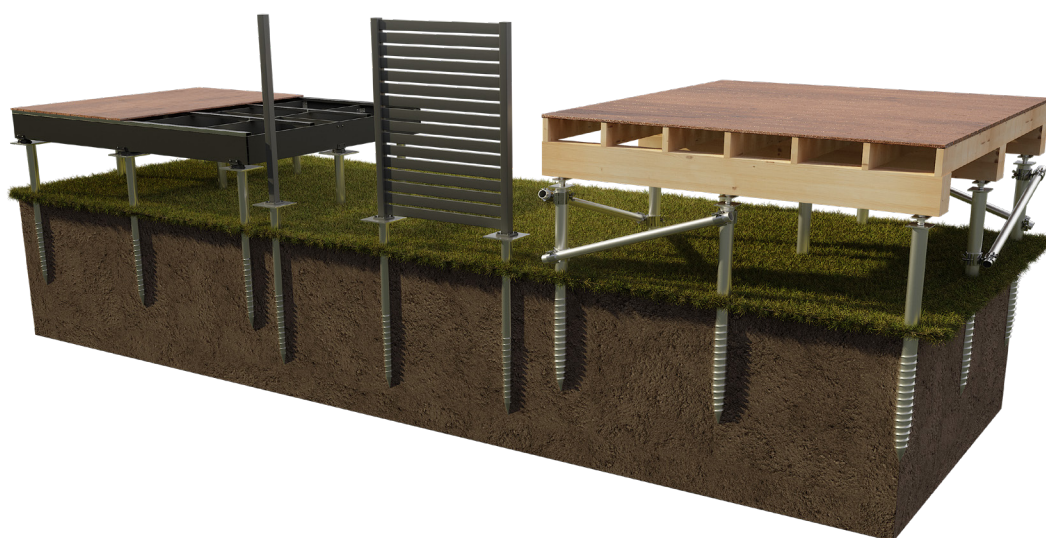


GROUND SCREW SIZES	65X700	76X1000	76X2000
Screw Length	700mm	1000mm	2000mm
Outer DIA	65mm	76mm	76mm
Inner DIA	59.5mm	70.5mm	70.5mm
Wall Thickness	2.75mm	2.75mm	2.75mm
Thread, Fixing Holes	M20	M20	M20
Compression Capacity	5kN	9kN	16.4kN
Tensile Capacity	2.8kN	4.4kN	15.4kN
Lateral Capacity	1kN	2kN	4.4kN

Producer statement available upon request

GROUND SCREWS

GENERAL SPECIFICATION SHEET



MAXIMUM SPAN OF JOISTS (NZS3604:2011 TABLE 7.1 (B))

Joists can cantilever 400mm past the last bearer. This is a guide only. If a larger cantilever is needed, refer to nzs3604:2011 for loaded dimensions and cantilevered joists.

JOIST SIZE (SG8)	MAXIMUM SPAN OF JOISTS (400MM MAX SPACING)
90x45	1600
140x45	2500
190x45	3400

GROUND SCREW SPACING (MAXIMUM SPAN OF BEARERS) (NZS3604:2011 TABLE 6.4(B))

Bearers can cantilever 200mm max. past the last post.

GROUND SCREW SPACING (MM)	JOIST SIZE (SG8)	BEARER SIZE (SG8)
< 1300	90x45	2/90x45
	140x45	2/140x45
	190x45	2/190x45
1300 - 1650	90x45	2/140x45
	140x45	2/190x45
	190x45	2/190x45
1650 - 2000	90x45	2/140x45
	140x45	2/190x45
	190x45	2/190x45