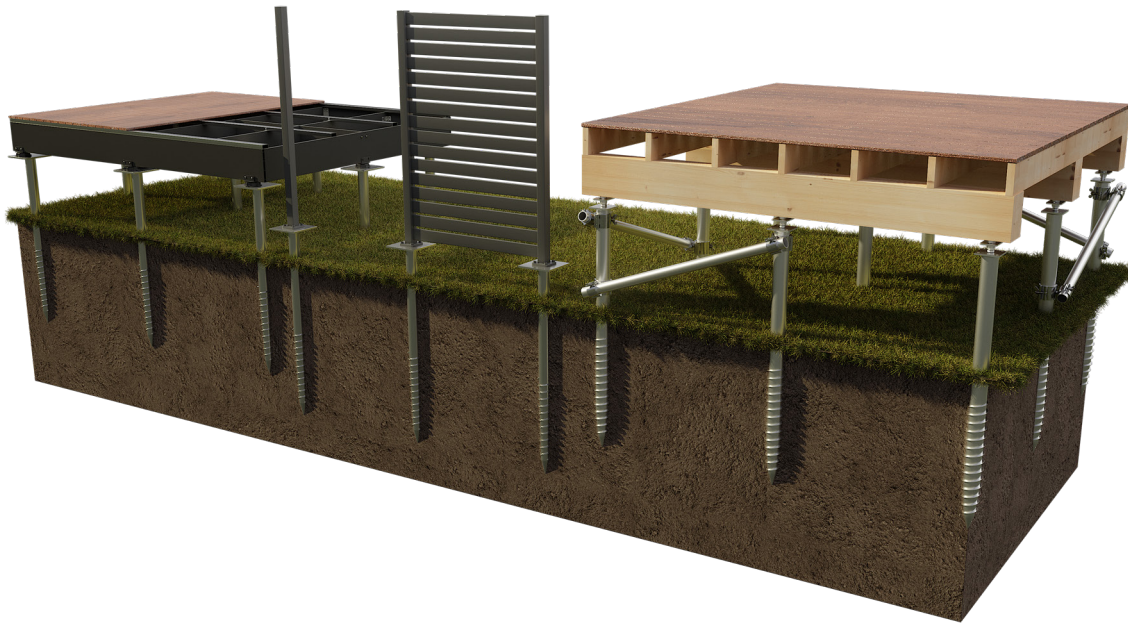


GROUND SCREWS

GENERAL SPECIFICATION SHEET



The common-sense piling solution—simple, adaptable, and ready to build on immediately.

J Vice Connection Pillars are designed to extend build height when ground screws need to be driven deeper for stability. They allow additional above ground level without compromising embedment depth—ideal for soft soils, sloping sites, or higher load requirements.

System Overview

- Manufactured from heavy-duty structural steel
- Engineered screw profile for high pull-out resistance and stability
- Immediate load-bearing once installed
- No concrete, curing time, or excavation required

Stock Sizes

- 700 mm
- 1000 mm
- 2000 mm

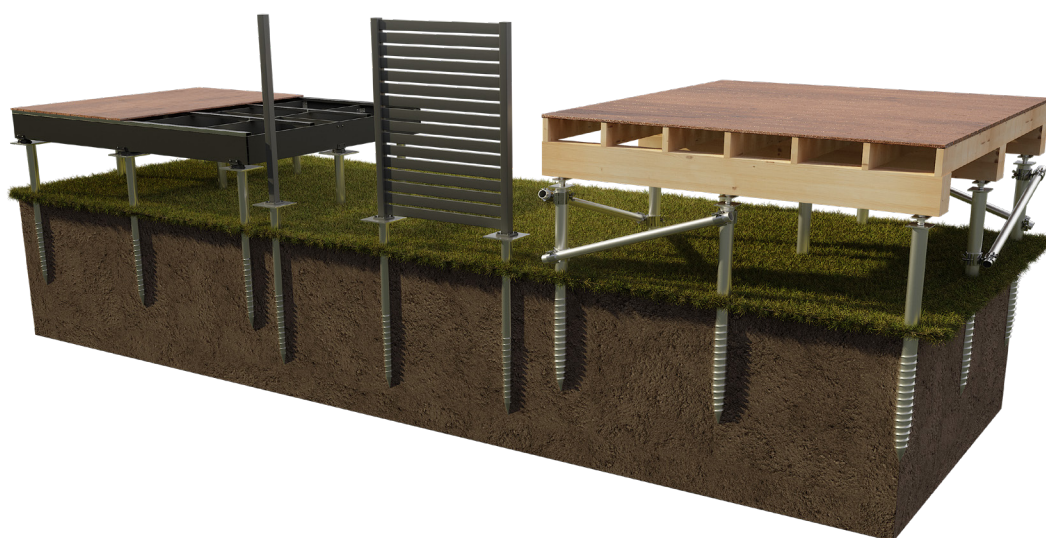


GROUND SCREW SIZES	65X700	76X1000	76X2000
Screw Length	700mm	1000mm	2000mm
Outer DIA	65mm	76mm	76mm
Inner DIA	59.5mm	70.5mm	70.5mm
Wall Thickness	2.75mm	2.75mm	2.75mm
Thread, Fixing Holes	M20	M20	M20
Compression Capacity	5kN	9kN	16.4kN
Tensile Capacity	2.8kN	4.4kN	15.4kN
Lateral Capacity	1kN	2kN	4.4kN

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