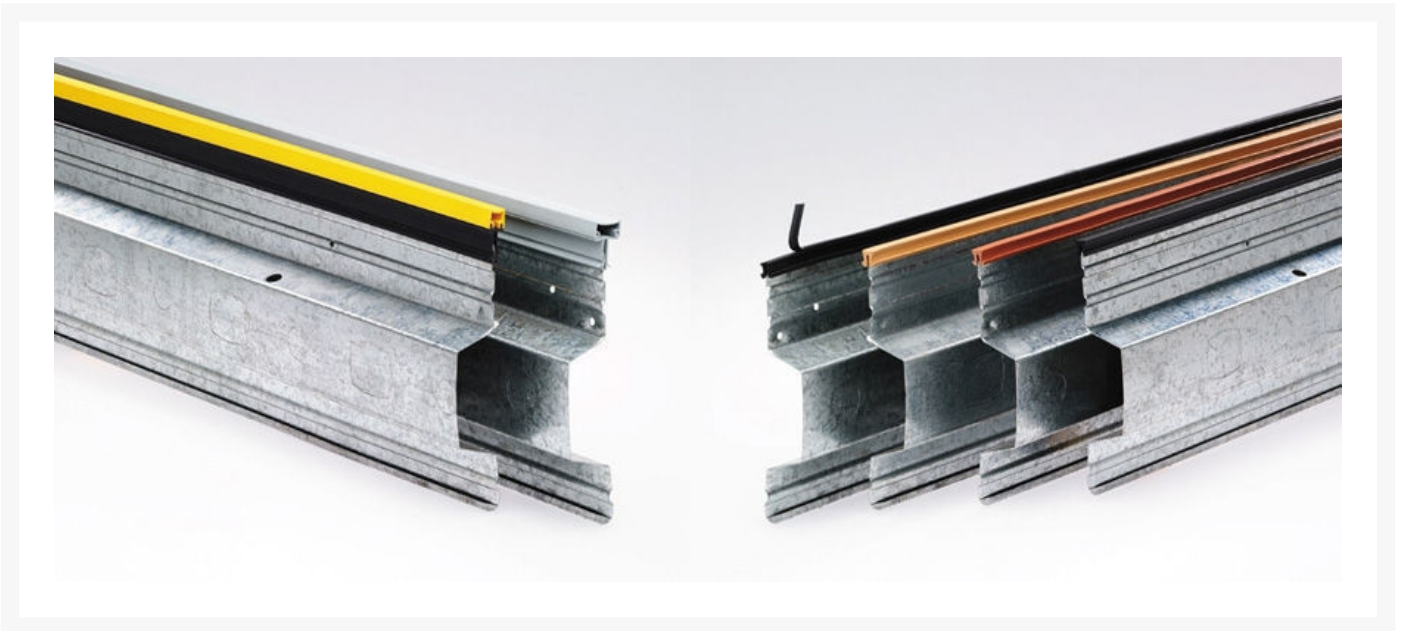


Preformed Metal Key Joint 90mm x 3m

Product Images



Short Description

90mm key joint for 100mm slab thickness. 3m length.

Description

Connolly Key Joint is a high quality preformed metal key joint for the control of shrinkage cracking and differential movement in concrete slabs. Keyjoint can also be curved to suit a custom radius using a back cutting technique. It guarantees a definite break in the concrete slab to reduce shrinkage and induced stresses on the slab. As joints are setup prior to the concrete pour, there's no interruption to finishing operations, plus the key joint contains a patented wedge fixing mechanism to allow for fast and accurate

height adjustment. Coupled with knockouts to accommodate a range of dowel sizes, it is a fast and efficient joint to install.

Features and Benefits

- Galvanised coating for maximum protection in exposure to concrete
- Formed from high quality steel for maximum strength and minimal distortion
- Guarantees a definite break in the slab to relieve shrinkage induced stresses
- Joints are set up prior to pouring which means no interruptions to the finishing operations
- Patented Wedge fixing mechanism allows fast and accurate height adjustment
- Superior strength Pegs will not bend when driven into hard sub-bases
- The fastest key joint on the market to install
- Additional stiffening ribs to the top and bottom (150, 200 & 300 only) to ensure straighter joints
- Unique tongue profile for maximum strength and minimal stepping
- Can be used to screed off which makes getting the right level quick and easy
- No post pour operations are required
- Minimise liability risks from slip and trip claims
- Cost effective when compared to other forms of joints
- Knockouts to accommodate a range of dowel sizes.

Installation

Position the key joint in desired location and drive in the supplied pegs. Note that the longest flange of the key joint always goes to the top.

Adjust the key joint to the correct height and secure by tapping in the supplied wedges. If capping strips are to be used allow the appropriate set down distance and apply capping strip prior to pouring concrete.

Place the reinforcement and pour the concrete over the key joint. Finish concrete surface to the top of the joint (NOT ABOVE IT). Always pour concrete evenly to both sides of the joint and ensure concrete is compacted into the keyways.

Specifications

Type	100	150	200	300
Base material	0.4 mm steel. Galvanised 200 gm /m ²	0.55 mm steel. Galvanised 200 gm /m ²	0.55 mm steel. Galvanised 200 gm /m ²	0.75 mm steel. Galvanised 275 gm /m ²
Height	90 mm (for 100 mm slab thickness)	135 mm (for 150 mm slab thickness)	180 mm (for 200 mm slab thickness)	270 mm (for 300 mm slab thickness)
Length	6.0 m standard length	6.0 m standard length	6.0 m standard length	6.0 m standard length
Length	3.0 m	3.0 m	3.0 m	3.0 m
Length	(custom lengths also available)	(custom lengths also available)	(custom lengths also available)	(custom lengths also available)
Knock-out sizes and spacings	Refer below*	Refer below*	Refer below*	Refer below*
Tongue slope	0.04375	0.04375	1:3	1:3
Tongue depth	19.5 mm	24 mm	30 mm	36 mm

Type	100	150	200	300
Peg & Wedge quantity	Pack of 8 pegs and 8 wedges per 6.0 m length	Pack of 8 pegs and 8 wedges per 6.0 m length	Pack of 8 pegs and 8 wedges per 6.0 m length	Pack of 8 pegs and 16 wedges per 6.0 m length
Peg material	Deformed mild steel bar.	Deformed mild steel bar.	Deformed mild steel bar.	Deformed mild steel bar.
Peg material	Fibreglass pegs also available	Fibreglass pegs also available	Fibreglass pegs also available	Deformed mild steel bar.
Peg diameter	8.5 - 9.5 mm	8.5 - 9.5 mm	8.5 - 9.5 mm	12 mm
Peg length	350 mm	390 mm	500 mm	750 mm
Wedge material	0.75 mm steel. Galvanised 275 gm /m ²	0.75 mm steel. Galvanised 275 gm /m ²	0.75 mm steel. Galvanised 275 gm /m ²	0.75 mm steel. Galvanised 275 gm /m ²
Wedge length	115 mm	115 mm	115 mm	115 mm

Pre formed 'knockout' holes available at 150mm centres/spacings. 'Knockouts' suit Connolly dowel sleeves and dowel bars in 16mm round, 16mm square, 20mm round, 20mm square, 24mm round and 33mm round.

Please contact Jaybro for a quote on your specific project.

Additional Information

CODE	40-KJ100X3M
U.O.M	Each
Weight	50
Type	90mm
Length	3 m

