

Custom Round Dowel Cradle



Engineered Load Transfer for Contraction Joints in Concrete Slabs

Danterr's Custom Round Dowel Cradle is a prefabricated, leave-in-place system designed for efficient load transfer and movement control at sawn or induced contraction joints. Featuring smooth round dowels housed in sleeves and secured within a welded cradle, the system ensures precise alignment and mitigates joint failure risks.

Available in black or hot-dip galvanised finishes, and customisable in diameter, spacing, and cradle length, this system is ideal for industrial, commercial, and civil slab-on-grade applications where controlled movement and durability are critical.

SPECIFICATIONS:

Property	Typical Values
Dowel Type	Smooth Round Steel Bar
Diameter Range	D16-D32 (other sizes available on request)
Length Range	300mm-600mm (custom lengths available)
Centre Spacing	Typically 450mm (adjustable)
Cradle Length	1000mm standard (variable per design)
Recommended Slab Depth	125mm-250mm based on project requirements

Key Features & Benefits

- Ready-to-install system – reduces setup time and on-site labour
- Ensures precise dowel alignment for optimal slab performance
- Permits longitudinal slab movement – accommodates shrinkage and thermal changes
- Available in black or hot-dip galvanised (HDG) finishes
- Suitable for slab depths of 125–250mm
- Includes sleeves to support accurate contraction joint formation
- Fully customisable to meet project-specific slab requirements
- Lightweight yet durable for efficient transport and handling

For custom sizes, centre spacing, or slab compatibility, contact Danterr at: sales@danterr.com or **1800 262 383**.

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