

ICCONS® Nylon Nailin Anchors

- ROUND HEAD - MUSHROOM HEAD - COUNTERSUNK HEAD



A light duty friction style nylon nail in anchor consisting of either a carbon steel yellow zinc plated removable pin or a 304 SS removable pin and a pre-formed nylon body. The pin is driven into the nylon body causing the expansion zone to spread performing a friction hold against the wall of the hole.

SPECIFICATIONS

- Body Material: Engineered Nylon
- Nail Material: Type 304 Stainless Steel or Yellow Zinc plated carbon steel

PERFORMANCE IN CONCRETE (20MPa)			Ultimate Load Capacity	
Anchor Diameter	Description	Anchor Embedment	Tensile Capacity N_{rk} (kN)	Shear Capacity V_{rk} (kN)
5.0mm	5 X 25mm	18mm	0.8kN	1.45kN
	5 X 40mm	25mm	1.0kN	
6.5mm	6.5 X 25mm	18mm	0.95kN	2.35kN
	6.5 X 38mm	25mm	1.10kN	
	6.5 X 50mm	38mm	1.25kN	
	6.5 X 75mm	50mm	1.30kN	

Note: Published capacities above are Average Ultimate Loads. A minimum safety factor of 4 should be applied to the above values to determine the recommended working loads.

engineering@iccons.com.au

ICCONS Pty Ltd.

Head Office, 12-18 Produce Drive,
Dandenong South, Victoria, 3175

P: 03 9706 4344
F: 03 9768 3329
E: info@iccons.com.au

