

Hex Foot Ferrules

PRODUCT DESCRIPTION

Danterr's Hex Foot Ferrules are medium- to heavy-duty cast-in inserts designed for superior anchorage in structural concrete. These ferrules provide full load-rated capacity without the need for a crossbar, offering streamlined installation and excellent pull-out and shear performance. Available in hot-dip galvanised or 316 stainless steel, they are suitable for both internal and external use, including marine environments.

All ferrules are independently tested in NATA-accredited Australian laboratories and fully compliant with AS 3850.1:2015.



FEATURES & BENEFITS

- Crossbar-free design for full-rated anchorage.
- High-performance finishes: Galvanised (42µm) or 316 Stainless Steel.
- Compatible with a range of formwork and placement accessories.
- Suitable for both structural and temporary fixings.
- Batch-tested to Australian Standards.
- Resists loosening under vibration or cyclic loading.

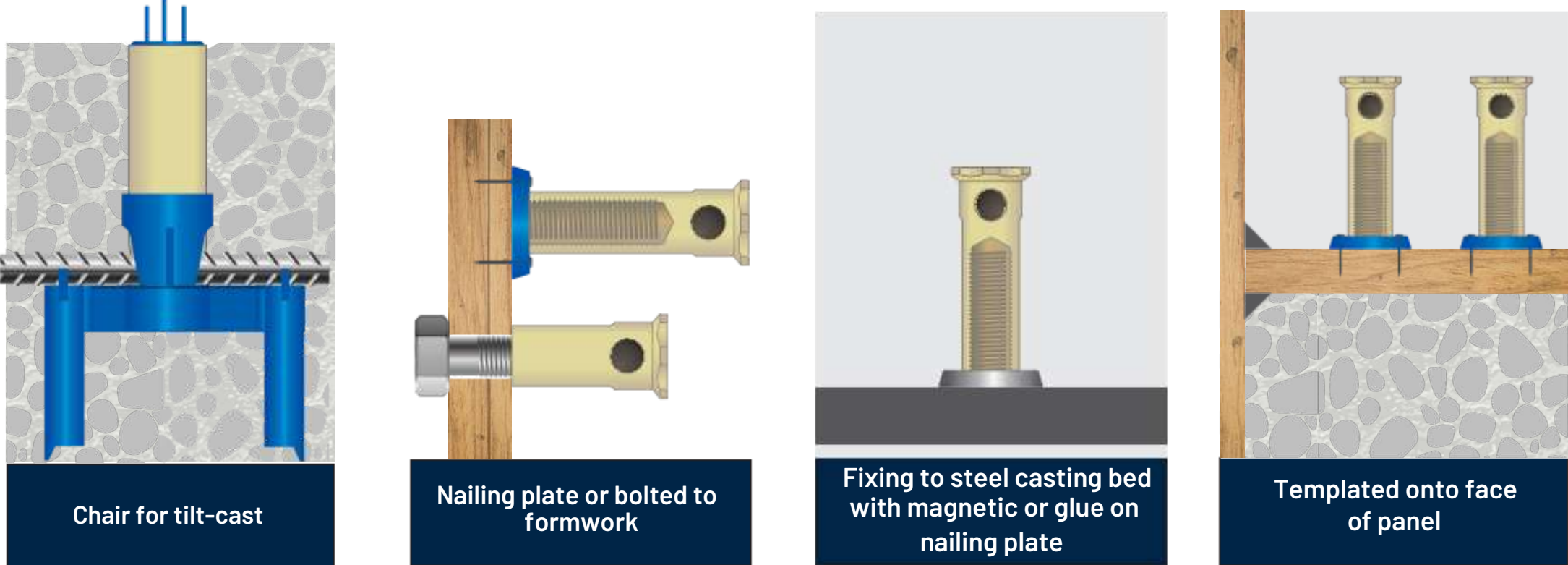
APPLICATIONS

- Precast panel and curtain wall anchoring
- Structural fixings in tilt-up construction
- Temporary bracing points
- Use in civil infrastructure and commercial buildings

PACKAGING & AVAILABILITY

Code	Description
130719	Ferrule Hex Foot M12x95mm 316 Stainless Steel
122077	Ferrule Hex Foot M16x95mm 316 Stainless Steel
121358	Ferrule Hex Foot M12x96mm Galvanised
101756	Ferrule Hex Foot M16x96mm Galvanised
101757	Ferrule Hex Foot M20x95mm Galvanised

FIXING METHODS



TECHNICAL SPECIFICATIONS

TECHNICAL PROPERTIES

Property	Unit	Method/Standard	Typical Value (Selected Sizes)
Thread Sizes	—	ISO Metric	M12, M16, M20
Thread Depth (Lt)	mm	Internal spec	25–38 mm
Anchor Effective Depth (h)	mm	Internal spec	91 mm (for L = 95 mm)
Tensile Capacity (Concrete 32 MPa)	kN	AS 3850.1:2015	Up to 26.6 kN (M16), 29.8 kN (M20)
Shear Capacity (Concrete 32 MPa)	kN	AS 3850.1:2015	Up to 24.0 kN (M16), 28.4 kN (M20)
Recommended Torque (Grade 4.6 bolts)	Nm	Manufacturer Spec	M12: 30 Nm, M16: 75 Nm, M20: 144 Nm
Surface Finish	—	AS 4680 / AISI 316	42 µm Galvanised / 316 Stainless Steel
Compliance	—	AS 3850.1:2015	Fully compliant