

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 exceptional pull-out and shear performance. Available in Hot Dip Galvanised or 316 Stainless Steel, they are suited for both internal and external use, including marine environments.

All ferrules are independently tested in NATA-accredited Australian laboratories, and fully compliant with AS3850.1:2015.



FEATURES & BENEFITS

- Crossbar-free design for full-rated anchorage
- High-performance finishes: Galvanised (42µm) or Premium 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

TECHNICAL SPECIFICATIONS

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=95mm)
Tensile Capacity (Concrete 32MPa)	kN	AS 3850.1:2015	Up to 26.6 kN (M16), 29.8 kN (M20)
Shear Capacity (Concrete 32MPa)	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	42µm Galvanised / 316 Stainless Steel
Compliance	-	AS3850.1:2015	Fully compliant

AREAS OF APPLICATION

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

AVAILABLE SIZES

Product Code	Product Description
130719	Hex Foot M12 x 95mm - 316 S/S
122077	Hex Foot M16 x 95mm - 316 S/S
121358	Hex Foot M12 x 96mm - Galvanised
101756	Hex Foot M16 x 96mm - Galvanised
101757	Hex Foot M20 x 95mm - Galvanised

HEX FOOT FERRULES

