Avinox® XT

6.4 mm Stainless Steel Blind Rivet with a wide Grip Range

The Avinox® XT is a high strength, stainless steel breakstem fastener with excellent bulbing tail formation, which makes it ideal for the use in thin sheet materials. The new Avinox® XT fastener features a wide grip range, especially suited for applications with varying sheet thicknesses. It is designed for use in applications such as automotive, truck and trailer, heating and ventilation, domestic appliances, industrial equipment and renewable energies.

Features and Benefits

- Excellent corrosion performance
- Temperature fluctuation resistance
- High shear and tensile strength
- High residual clamp load
- Multi-grip capability
- Resists vibration and joint slippage
- Good blind side footprint and bulb formation
- Spreads the tail bearing load/clamp load on the rear sheet
- Reliable stem retention
- Suitable also in softer materials (see test report)
- Under head recess accommodates burrs around holes and spreads the load evenly on the top sheet

Specifications

Part Number		0BE61-00815
Grip range		1.5 - 5.5 mm
Part Number		0BE61-00819
Grip range		5.0 - 9.0 mm
Material		Stainless steel
Surface finish	- body	bright finish
	- stem	natural
Body diameter		6.4 mm
Hole diameter		6.6 - 7.0 mm
Shear strength*		14.3 kN (through stem)
Tensile strength*		8.0 kN
Stem push-out typical		3.0 kN

* Performance values are typical with test method according to ISO 14589 (2000).

Installation Tools

The Avinox® XT fastener is installed securely in seconds with the Genesis® nG4 model.

Complete tool	part no. 71234-00083
Nose assembly	part no. 71233-15000
Nose tip	part no. 71233-15002

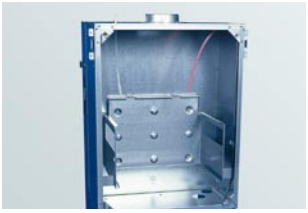
Assembly Applications

Industrial refrigeration

Solar panels

Vehicle panel

Heating and ventilation



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