

Avibulb® XT is a high strength breakstem fastener with excellent bulbing tail formation, which makes it ideal for the use in thin sheet materials. The new 1/4" (6.4 mm) Avibulb® 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

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

Installation Tools

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

- Complete tool part no. 71233-00084
- Nose assembly part no. 71233-15000
- Nose tip part no. 71233-15001

Specifications

Part Number	OBN01-00816
Grip range	.059" - .217" (1.5 - 5.5 mm)
Part Number	OBN01-00820
Grip range	.197" - .354" (5.0 - 9.0 mm)
Material	Steel
Surface finish	Zinc, clear passivated
Body diameter	1/4" (6.4 mm)
Hole diameter	.260" - .276" (6.6 - 7.0 mm)
Shear strength* (through stem)	2248 lbf (11.1 kN)
Tensile strength*	1484 lbf (6.8 kN)
Stem push-out typical	584 lbf (2.6 kN)

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

Assembly Applications

Step ladder



Car seat base



Vehicle panel



Washing machine



For more information please contact your local STANLEY Engineered Fastening representative.

STANLEY®
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