



The Huck
Product Range[®]

Auto-Bulb[™]

Auto-Bulb[™] Key Features

- The Huck Auto-Bulb[®] with hole-finding head technology is particularly suited to automated assembly applications.
- Purpose design blind side shape for easy hole location: Ideal for automated assembly
- Large blind side footprint: Ideal for lower strength or thin sheet joint materials
- Good blind side clearance: Less space required on the blind side prior to installation
- High pin retention: Prevents possibility of noise or vibration in dynamic assemblies
- Recessed pin break: No catching on clothes, skin or goods
- Structural fastener: High shear & tensile strength
- Headstyles: Protruding
- Materials: Steel, Stainless Steel



Huck® Auto-Bulb®

An Easy-to-Install Bulbing Fastening System for Superior Blind Side Strength

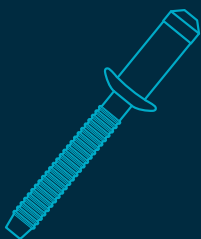
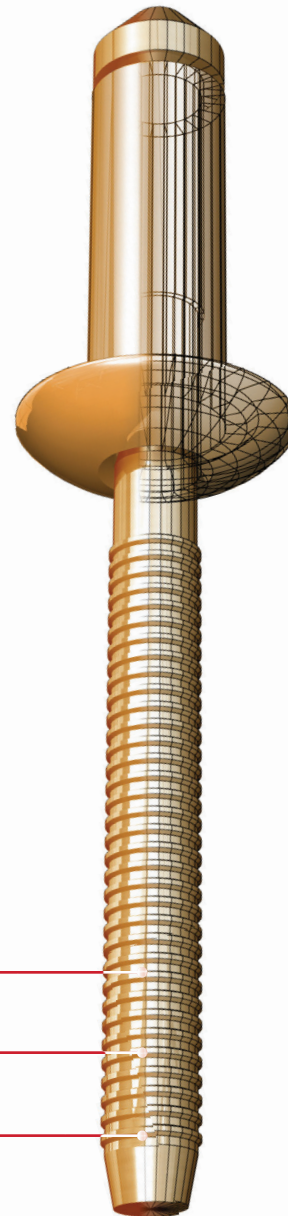
For use in a variety of applications including thin materials or delicate composites, Huck Auto-Bulb® is the perfect solution. Easy-to-install, it works by clamping the joint with a large diameter head and broad, blind side bulb, which spreads to diffuse the load over a larger area, ensuring permanent clamp. Now available in 400 stainless steel for enhanced corrosion resistance.

This high-reliability fastener offers an easy-to-use lead-in point in the form of a tapered, hole-seeking tip, which means fast, reliable installation. Because of its high pull-out strength, Auto-Bulb is an ideal choice for use within thin materials, and within oversized, misaligned, or slotted holes. Unlike other bulbing blind fasteners, Auto-Bulb's uniquely engineered bulbing system creates superior blind side bearing strength with the bulb always forming on the sheet line. Its positive mechanical pin retention ensures structural integrity.

Available Sizes 3/16", 1/4", 3/8"

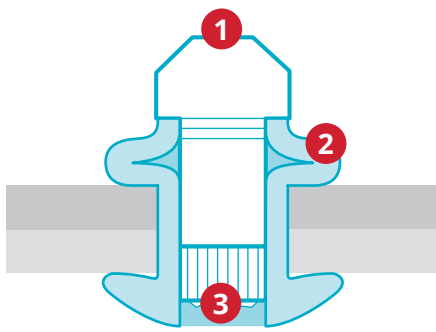
Materials Steel and 400 Series Stainless Steel

Headstyles Protruding, oval countersunk



- ✓ Unmatched installation speed
- ✓ Superior blind side strength
- ✓ Minimal blind side protrusion prior to installation
- ✓ Vibration resistance
- ✓ Steel and corrosion resistance 400 stainless steel
- ✓ High pull-out strength in thin materials
- ✓ Aesthetic blind side appearance

Secure, Fast Installation



- 1 Tapered hole seeking tip for quick and easy installation.
- 2 Unique band annealed bulbing system for superior blind side strength.
- 3 Positive mechanical pin retention ensures structural integrity.

Sheet-Line Bulb Comparison

Even in minimum-grip applications, Huck fasteners outperform the competition. They're engineered to form a bulb directly on the sheet line, precisely where it's needed, to prevent pull-through.

Bulb forms irregularly above sheet line resulting in lower installed values.



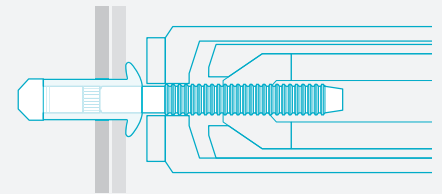
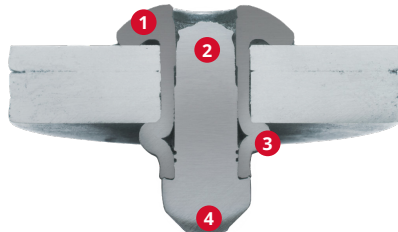
Competitor

Bulb forms directly on sheet line.

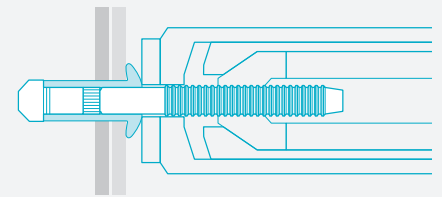


Auto-Bulb®

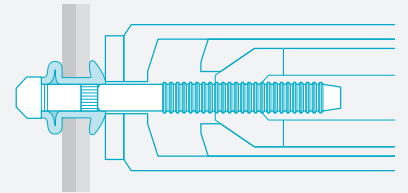
- 1 Undercut fillet allows seating in burred holes.
- 2 Aesthetic blind side appearance
- 3 Maintains a thicker sleeve wall to help ensure the structural strength of the joint.
- 4 Pin remains in shear plane for superior strength



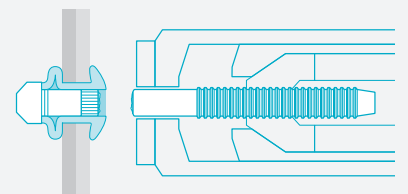
- 1 Insert the fastener into the hole and slip the installation tool over the pintail.



- 2 Press the trigger to initiate pulling action. As the tool pulls on the pintail, the solid pin head captures the end of the sleeve and acts to initiate bulb formation and draws the work pieces together.



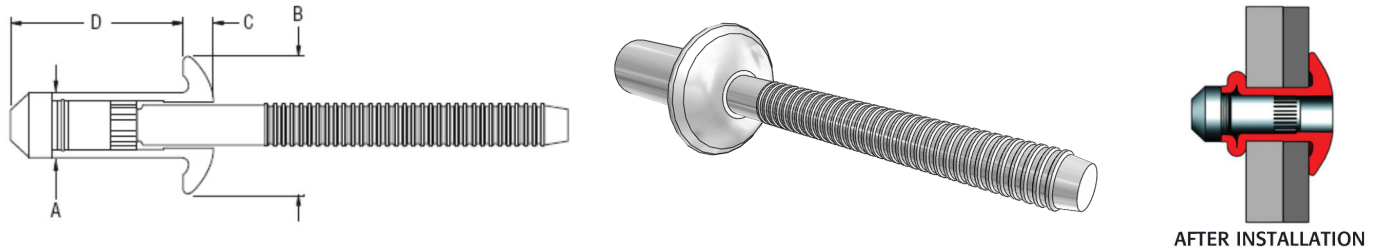
- 3 Continued pulling on the pintail expands the bulb to maximum allowable diameter.



- 4 A spline feature on the pin comes into contact with a step on the sleeve creating an interference lock between the pin and sleeve and the pin breaks. The pin will break close to flush in minimum grip and below flush as the grip increases.

AUTO-BULB™

For installation information please refer to the tooling overview on our website www.starfasteners.co.uk
 Pour des informations sur l'installation, référez vous à la rubrique « Outils » de notre site internet www.starfasteners.co.uk Informations zur
 Installation unserer Befestiger finden Sie auf unserer Webseite www.starfasteners.co.uk unter der Rubrik Werkzeuge.



English	Français	Deutsch
Steel	Acier	Stahl
Pin: Steel, Zinc plated, clear passivated	Tige: Acier zingué, passivation transparente	Stift: Stahl, Zinkblech, blankes passivieren
Sleeve: Steel, Zinc plated, clear passivated	Douille: Acier zingué, passivation transparente	Hülse: Stahl, Zinkblech, blankes passivieren

Nom Diameter	Minimum Grip	Maximum Grip	Min.	Max.	B Max.	C Max.	D Max.	Kn min.	Kn min.	Kn min.	Part Number
6.4	1.5	3.5	6.6	6.9	13.4	3.2	15.8	11.6	7.1	1.3	ABP-R8-M2
6.4	2.8	4.8	6.6	6.9	13.4	3.2	17.0	11.6	7.1	1.3	ABP-R8-M3
6.4	3.8	5.8	6.6	6.9	13.4	3.2	18.1	11.6	7.1	1.3	ABP-R8-M4
6.4	4.8	6.8	6.6	6.9	13.4	3.2	19.1	11.6	7.1	1.3	ABP-R8-M5
6.4	5.8	7.8	6.6	6.9	13.4	3.2	20.1	11.6	7.1	1.3	ABP-R8-M6
6.4	6.8	8.8	6.6	6.9	13.4	3.2	21.1	11.6	7.1	1.3	ABP-R8-M7
6.4	7.8	9.8	6.6	6.9	13.4	3.2	22.1	11.6	7.1	1.3	ABP-R8-M8
6.4	8.8	10.8	6.6	6.9	13.4	3.2	23.1	11.6	7.1	1.3	ABP-R8-M9
6.4	9.8	11.8	6.6	6.9	13.4	3.2	24.1	11.6	7.1	1.3	ABP-R8-M10
6.4	10.8	12.8	6.6	6.9	13.4	3.2	25.1	11.6	7.1	1.3	ABP-R8-M11
6.4	18.8	20.8	6.6	6.9	13.4	3.2	33.2	11.6	7.1	1.3	ABP-R8-M19

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All dimensions in mm