

Auto-Bulb™

A high-strength bulbing fastener available in stainless steel.

For automated, high-speed assemblies, the Huck Auto-Bulb™ is the perfect solution. Unique to the structural blind rivet offering from Huck, Auto-Bulb is available in both steel and 400 stainless steel for ultimate corrosion-resistance.

Auto-Bulb is designed with an easy-to-use lead-in point, which means fast, reliable installation. It works by clamping the joint with a broad, blind side bulb, which makes it a good choice for use within thin materials, and within oversized, misaligned, or slotted holes. Auto-Bulb's positive mechanical pin retention ensures structural integrity, while its unique bulbing system creates superior blind side bearing strength.

Available Sizes:

3/16", 1/4"

Materials:

Steel, Stainless Steel

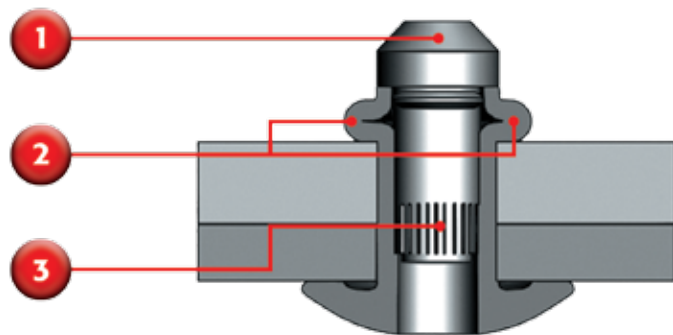
Headstyles:

Protruding, Flush

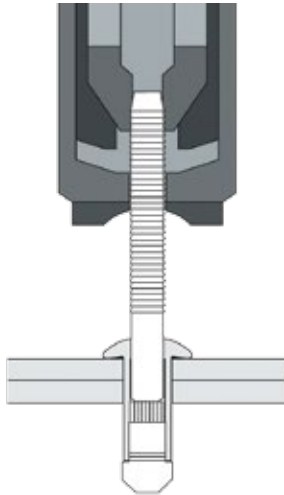


Secure, Fast Installation

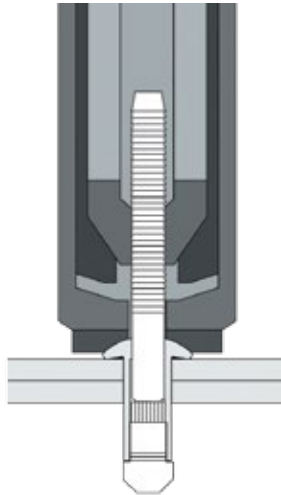
1. Tapered hole seeking tip for quick and easy installation.
2. Unique band annealed bulbing system for superior blind side strength.
3. Positive mechanical pin retention ensures structural integrity.



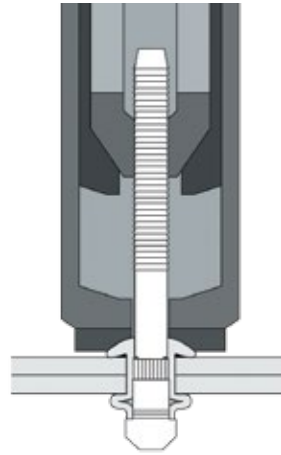
Installation Sequence



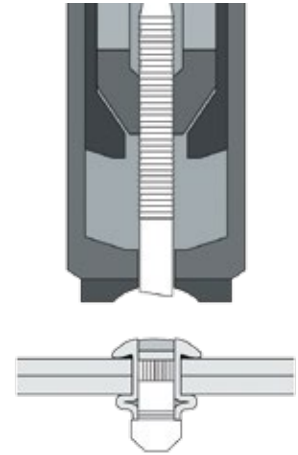
Insert the fastener into the hole and slip the installation tool over the pintail.



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.

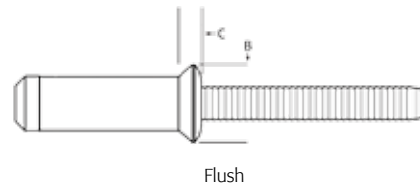
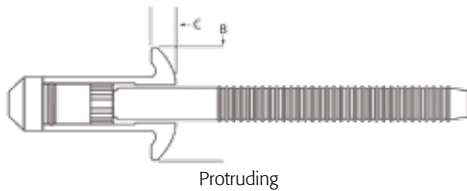


Continued pulling on the pulling action. The pin head expands the bulb to maximum allowable diameter.



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 as the grip increases.

Auto-Bulb Data & Dimensions



430 Stainless Steel

Diameter	Part No.	Grip Range	Max Hole Size	[B] Head Dia (max)	[C] Head Height (max)	Typical Shear (lbs)	Typical Tensile (lbs)
Protruding Head							
1/4"	ABP-4U8-M3	.110-.189	.272	.512	.130	2600	1600
	ABP-4U8-M4	.150-.299	.272	.512	.130	2600	1600
	ABP-4U8-M5	.189-.268	.272	.512	.130	2600	1600
	ABP-4U8-M6	.299-.308	.272	.512	.130	2600	1600
	ABP-4U8-M7	.268-.346	.272	.512	.130	2600	1600
	ABP-4U8-M8	.308-.387	.272	.512	.130	2600	1600
	ABP-4U8-M9	.346-.425	.272	.512	.130	2600	1600
	ABP-4U8-M10	.387-.466	.272	.512	.130	2600	1600
	ABP-4U8-M11	.425-.504	.272	.512	.130	2600	1600
	ABP-4U8-M13	.504-.583	.272	.512	.130	2600	1600

NOTE: Part number listings reflect typical stock. Items not listed require a minimum order.

Installation Tooling

Diameter	Installation Tool	Nose Assembly	Type
3/16"	2015	125154 (Insert, included with tool)	Pneudraulic
	2024	99-3303	Pneudraulic
	2025	99-3303	Pneudraulic
1/4"	2024	99-3305	Pneudraulic
	2025	99-3305	Pneudraulic



Bulb forms directly on the sheet line