

FloorTight®

The only controlled, self-countersinking blind fastener commercially available.

Originally designed for large vehicle flooring installations, Huck FloorTight® is ideal for all wood-to-metal applications, especially plywood and plymetal. FloorTight's self-countersinking head eliminates the secondary counterboring process in plywood, and eliminates dimpling in metals. Unlike screws that can be over-torqued or under-torqued, FloorTight ensures consistent, reliable installation every time.

Available Sizes:

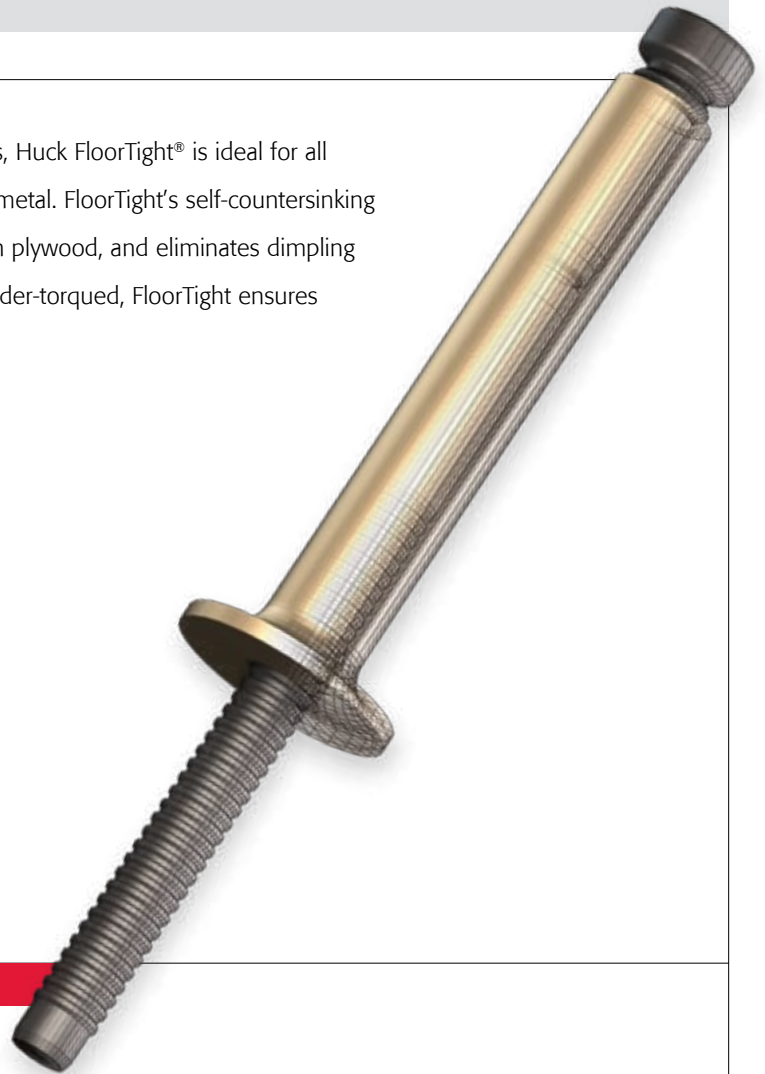
1/4", 5/16"

Materials:

Steel

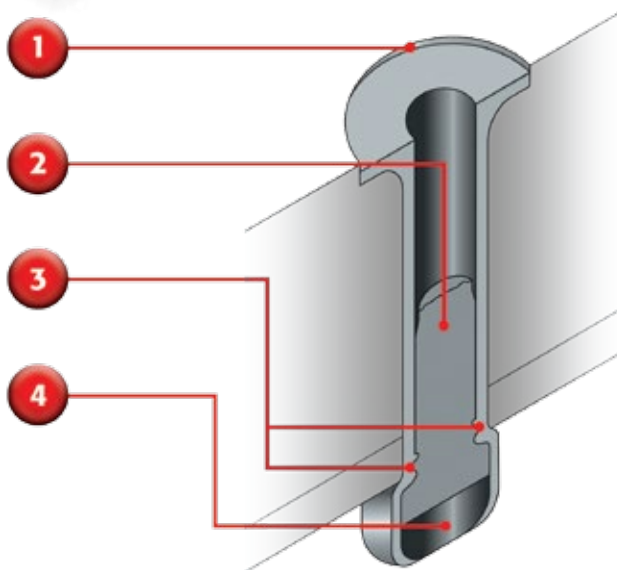
Headstyles:

Standard, Wide Flange, Plymetal, 90° Flush

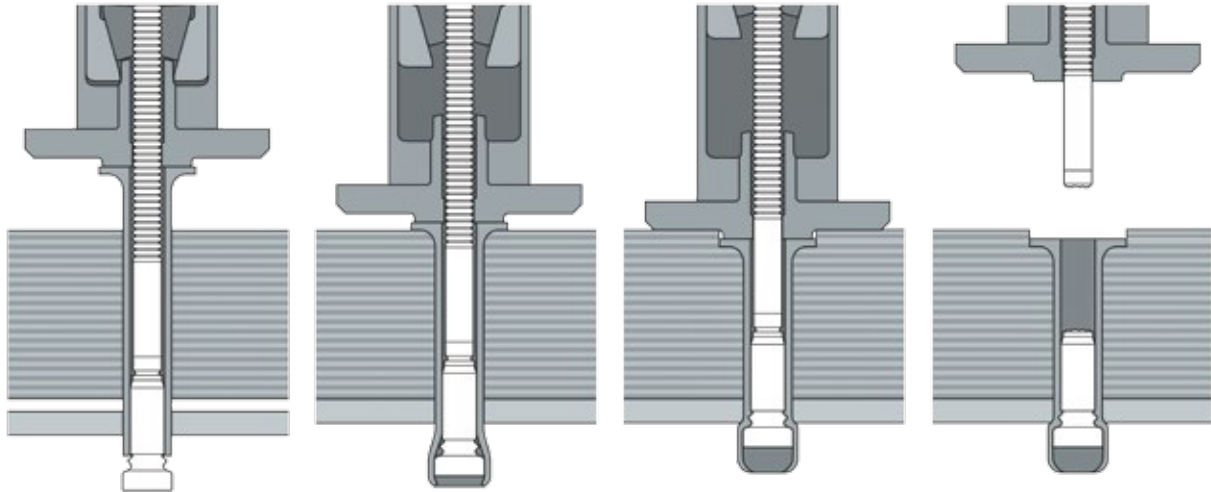


Secure, Fast Installation

1. Self-countersinking head eliminates the counter-boring process in plywood, as well as dimpling in plymetal floors.
2. A high-strength pin locks in place within the shear plane for added holding power and durability.
3. 360° internal locking feature creates a solid mechanical lock to prevent loosening.
4. Expansion within the weather-side stringer, coupled with the 360° internal lock provides excellent moisture resistance on the weather side.



Installation Sequence



Insert fastener in hole.
Apply installation tool.

The Huck installation tool is placed over the pintail. When the trigger is pressed, the nose assembly jaws pull on the pintail, drawing the pin through the sleeve, causing the blind side sleeve to expand, partially setting the sleeve in the top sheet and pulling out all the sheet gap.

Continued pulling on the pintail forms a mechanical lock between the pin and sleeve end. The anvil on the installation tool then countersinks the fastener head into the top of the material to a preset depth set by the anvil. The anvil's large bearing face then prevents further travel of the sleeve head into the top material.

The pin is then separated in tension at the break neck groove.

FloorTight Data & Dimensions



Steel Sleeves - Steel Mandrel

Diameter	Part No.	Grip Range	Max Hole Size	[B] Head Dia (max)	[C] Head Height (max)	Typical Shear (lbs)	Typical Tensile (lbs)
Plywood Floor							
5/16"	PWF-R10-20	.750-1.375	.339	.325	.650	4300	3000
	PWFMC-R10-20A3	.750-1.375	.339	.675	.050	4300	3000
Plymetal Floor							
5/16"	PMF-R10-20	.750-1.375	.339	.325	.590	4300	3000
	PMFMC-R10-20	.750-1.375	.339	.325	.590	4300	3000

Installation Tooling

Diameter	Installation Tool	Nose Assembly	Type
1/4"	246	99-3441	Pneudraulic
	2503	99-3441	Hydraulic
5/16"	255	99-3452	Pneudraulic
	256	99-3452	Pneudraulic
	2580/2503	99-3452	Hydraulic



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