

Floortight® Blind Fastener

A unique blind fastener designed by Huck for the fastening of commercial vehicle floors. This fastener is fast, easy to use and gives superior fastener performance over conventional flooring fastener systems.

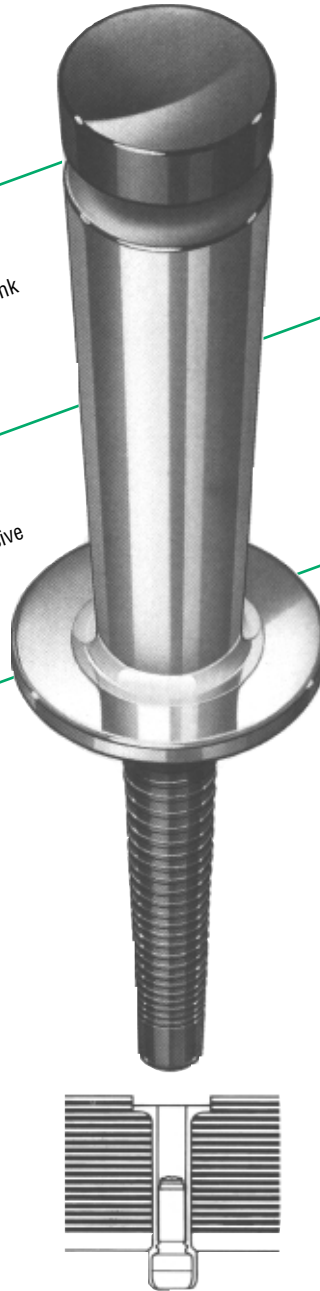
Self Countersinking
No pre-countersinking required. This fastener produces its own countersunk without damage to flooring panels.

One-Man One-Sided Installation
Easily installed, non labour intensive unlike conventional methods.

Superior Performance
High shear, clamp and tensile. No shifting or buckling of floor panels.

Removable
Allows easy access under floor panels.

Watertight
Prevents moisture ingress into floor panels. Gives longer life to floors.



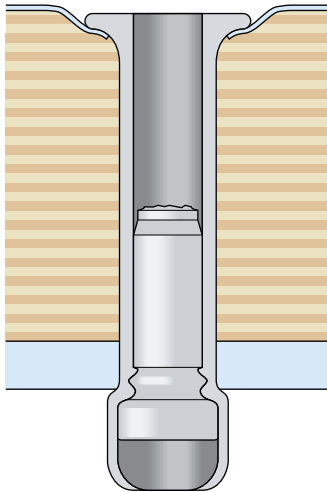
APPLICATIONS

- Commercial vehicle body building and applications where flooring needs to be securely fastened

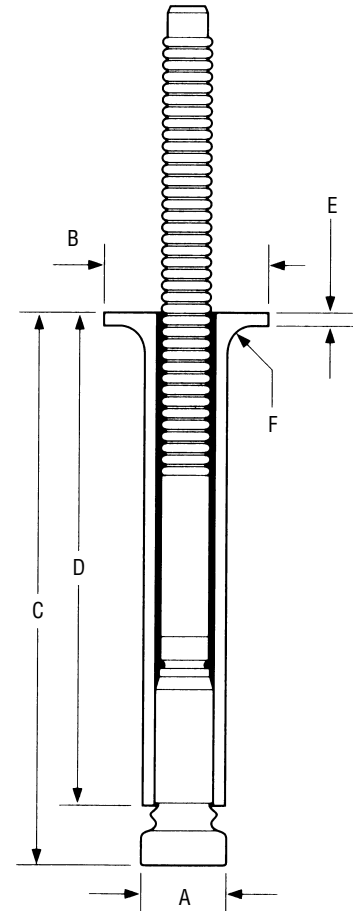
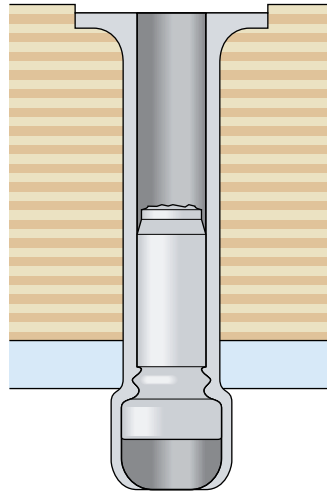
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Installation in plymetal - PMF



Installation in plywood - PWF



Fastener Dimensions

Part No.	Grip range	A max	B nom	C max	D nom	E nom	F radius
PMF-R10-20	19.05 - 34.93	8.26	14.22	53.98	44.45	1.27	3.18
PMF-R10-26	19.05 - 41.28	8.26	14.22	63.50	53.98	1.27	3.18
PWF-R10-20	19.05 - 34.93	8.26	17.15	53.98	44.45	1.27	3.18
PWF-R10-26	19.05 - 41.28	8.26	17.15	63.50	53.98	1.27	3.18

Typical Installed Values in Nominal Grip* (N)

Shear	Tensile	Pin Retention
15569	13345	890

*With pin in shear plane

Hole Preparation Data

Minimum	Maximum	Recommended
8.33	8.61	8.4 Drill

Material, Finish and Lubrication

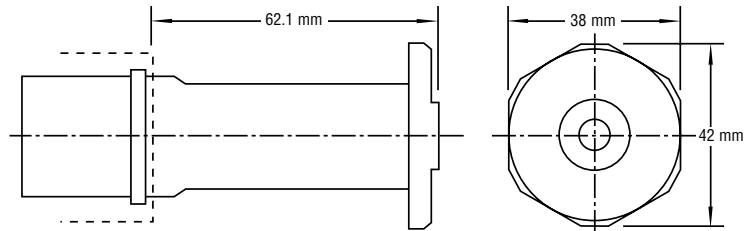
	Material	Finish	Lubrication
Sleeve	Steel	Zinc electroplate with gold chromate	Dry film
Pin	Steel	Black	Wax film

Floortight® Installation Tooling

Huck Installation Tools

Huck installation tools consist of a nose assembly and a tool. The choice of tool and nose assembly is determined by the fastener diameter and application.

Tools and nose assemblies are easily changed as installation requirements demand. Huck offers pneumatic and hydraulic installation tools. Pneumatic tools operate on 6.2-6.9 bar (90-100 psi) air pressure. The lighter weight hydraulic tools operate on hydraulic power supplied by a Huck POWERIG® Hydraulic Unit.



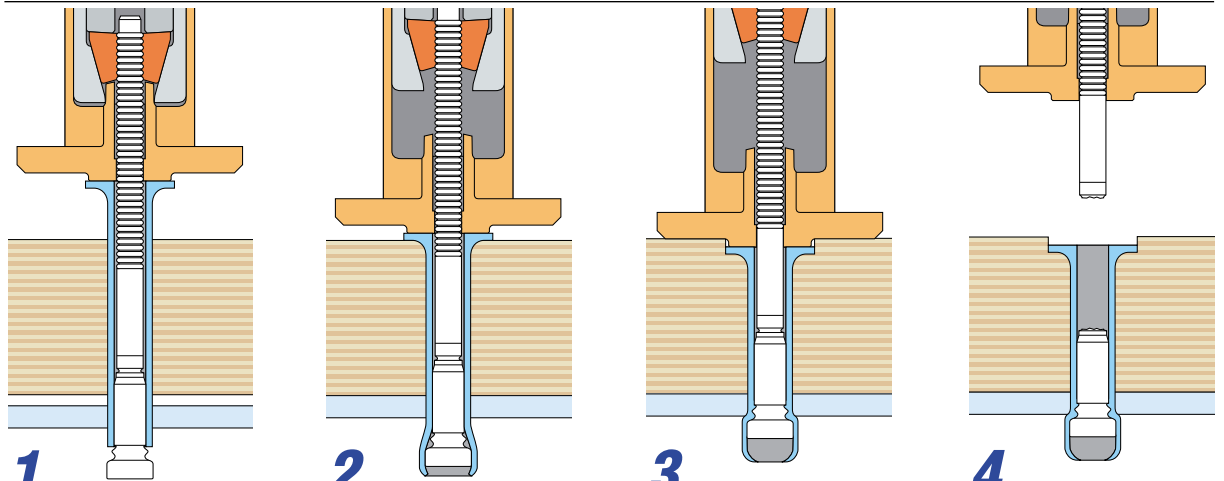
Code	Diameter	Nose Ass.	Pneumatic Tooling	Hydraulic Tooling
10	7.9 mm (5/16")	99-3452	*246 / 256	2503

* Recommended for repair use only. Double stroking may be required.

Items in **bold** are part of our FOCUS Tooling Range

Installation Tooling

Installation Sequence



1

Insert fastener in hole. Apply installation tool.

2

The nose assembly (orange), attached to Huck's installation tool, is placed over the pintail (white). When the trigger is pressed, the nose assembly jaws (red) 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.

3

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.

4

The pin is then separated in tension at the break neck groove. There is no projecting spindle to cut off in a separate operation.

[Click Here to view animation of installation sequence](#)