



LOW PRESSURE SOLUTIONS FOR HIGH PRESSURE APPLICATIONS

Defining the Standard for
Steel & Concrete Fastening Applications

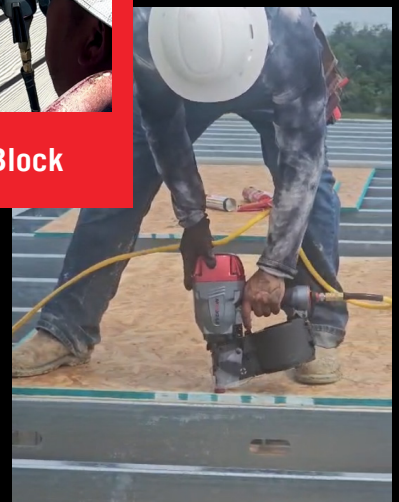


Pin Lengths: 1-1/4" — 1-3/4"

FCN90B-AS



Cement Fiber Siding to Block



Plywood / OSB to CFS

FEATURES AND BENEFITS

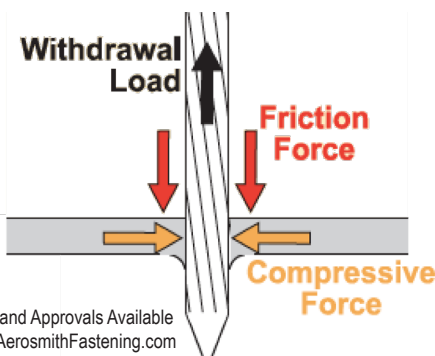
- ▶ Depth of Drive — Precise Control for Quality Fixing
- ▶ Powerful Drive — No Special Compressors or Hoses
- ▶ Flexible Platform — One Tool, Many Applications
- ▶ No Mar Pad — Protects the Work Space
- ▶ Sequential Trigger — Safer and Precise Fixing
- ▶ Reports: ICC-ES 5030 | ICC-ES 3453

APPLICATIONS

- ▶ Fiber Cement Siding to CMU and Concrete
- ▶ Plywood and OSB to Cold-Formed Steel
- ▶ Furring to CMU and Concrete
- ▶ Floor / Roof Sheathing to Cold-Formed Steel

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Reports and Approvals Available
at www.AerosmithFastening.com

Pin fastening has been commonplace in commercial construction for over 50 years, however, many people still have a hard time understanding how a pin can fasten to steel as securely as a conventional screw fastener. The keys to the performance of the technology are the design of the pin and the driving system. Pins are made of special grades of steel that are hardened with a unique heat treating process, making them ductile and extremely strong. When driven into steel with the proper pneumatic tool, their ballistic-shaped point uniformly pierces the steel instead of drilling it out or tearing it like a common nail. The displaced steel rebounds around the pin to create a strong compressive force on the shank of the fastener. This force, working in conjunction with a specific pin knurling pattern designed for the steel being joined, creates

a high friction force that prohibits withdrawal of the fastener from the steel.

Each pin is designed for a specific range of applications, matching unique characteristics and performance capabilities to the materials being fastened. When the proper pins are used in the application they were designed for, their holding strength and durability often surpasses that of screws. Organizations such as the Cold-Formed Steel Engineers Institute (CFSEI) and the Steel Framing Alliance (SFA) support the use of pins as a reliable fastening technology. Call Aerosmith today to learn more about how pin fastening can help you improve productivity and increase profits.

PINS, PARTS AND ACCESSORIES

In addition to the FCN90B-AS tool itself, Aerosmith offers a variety of pins and accessories designed for your application.

ITEM	LENGTH	SHANK DIAMETER	SHANK	CARTON	APPLICATION	BASE MATERIAL	GALVANIZATION
5323SBG	1 1/4" (32mm)	0.145"	Smooth	1.2M	Cement Fiber Siding / Wood to CMU / Concrete	CMU / Concrete	PT2000
5324SBG	1 1/4" (32mm)	0.145"	Helical	1.2M	Cement Fiber Siding / Wood to CFS	97-43 MIL (12GA to 18GA) CFS	PT2000
5383SB	1 1/2" (38mm)	0.145"	Smooth	1.2M	Cement Fiber Siding / Wood to CMU / Concrete	CMU / Concrete	Zinc
5454SBG	1 3/4" (45mm)	0.145"	Helical	1.5M	Cement Fiber Siding / Wood to CFS	97-43 MIL (12GA to 18GA) CFS	PT2000

Shank Diameter = .145" - Head Dia. = 0.300" - Zinc Galvanized or PT2000 (2000-hour)



FCN90B-AS



WF10 Steel Washers

Aerosmith Steel Washers are approved for use with VersaPin and SurePin fastening systems to attach wire lath to steel or concrete (WF 10)



UNM90 Magnetic Adapter

Adapter is designed to attach to the safety of the FCN90B-AS for use