

**POWERFUL** 

VERSATILE

LIGHTWEIGHT

**COMPACT** 

Over 5,000 lbs of Pulling Force

**Requires No External Power** 

Installs All CherryMax® and Huck-Clinch thru 1/4" Dia.

**Adaptable for Rivnuts®** 

**D-180 Specifications:** 

Pull Force:	5000 lbs
Stroke:	.825"
Overall Dimensions:	9.50" L x 1.75" W x 6.25" H
Weight:	1.5 lbs.
Power Source:	Hand Operated, Two Valve Cy- lindrical Hydrau- lic Pump Assembly with Pressure Re- lief Valve.

1206 E. MacArthur St. **Sonoma, CA 95476** 1-800-344-2393 (707) 935-1170 FAX: (707) 935-1828 **CAGE Code: 64878** 

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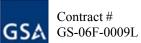
**Email: sales@fsirivet.com** 

**D-100-MIL-1** (5180-01-201-4978) HAND HYDRAULIC BLIND RIVET **TOOL KIT** 



ince their introduction in 1983, the FSI Blind Fastener Installation Kits have become a standard in the aircraft/ **aerospace industry.** Designed to meet the varied blind fastening needs of the aircraft repair specialist, the kits feature the D-180 Series hand hydraulic riveter which provides a unique blend of power, versatility, and compact size never before available in one hand tool. Virtually any straight pull (single action) blind fastener with a required load of 5,000 lbs or less can be installed with the D-180 Series Riveter.

Designed originally for military applications the D-100-MIL Series has become very popular with commercial airlines, private airplane and helicopter fleet owners, as well as aerospace vehicle manufacturers' field and repair teams because of its wide capability and compact size. Relying on the D-180 riveter, this kit provides the ability to install all CherryMax® rivets (1/8"-1/4"), Pull-thru Nutplate rivets (3/32"-1/8"), all Pop® type rivets from 3/32" thru 1/4" diameter. In addition pull up studs and driving anvils provided for Rivnut® sizes 6-32, 8-32, 10-32, 1/4-28, 10-24, 1/4-20, 5/16-18 and 3/8-16 (up to three rad). An adapter is included to permit the tool to be used with the Right Angle, Offset and Extended Straight pulling heads for CherryMax® and Huck-Clinch® blind rivets. These pulling are not included in the D-100-MIL-1 Kit, however there is space available in the kit if purchased.

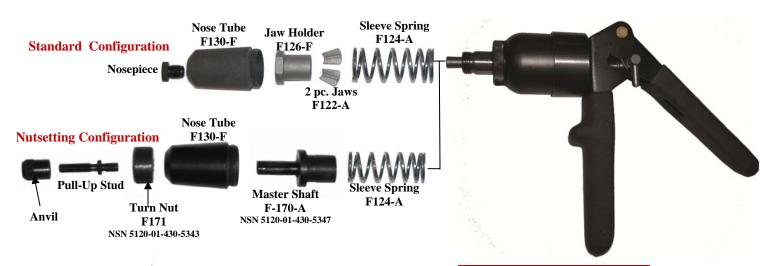


Patent # 12/420,712 USA Made

## **D-100-MIL Series Components**

**Requiring no external power**, the D-180 Series Riveters are ideally suited for any limited production or repair operation. This lightweight and compact in size riveter can be used in limited access areas where other riveters often require very costly adaptive tooling. The D-180 is most often used to install CherryMax® rivets and blind rivet nuts, a wide variety of adapters, nosepieces and special pulling heads are available to enable the used to efficiently install blind rivets in the most demanding situations. Some of the tool configurations are illustrated below.

## D-100-MIL-1 (NSN 5180-01-201-4978) Tool Configurations



**NOTE:** Space is provided so that a Cherry-Max® Offset, Right Angle and Extended Straight Pulling Heads may be added as needed. The D-100-MIL-1 is supplied in a weather tight metal carrying case (2 1/2" x 6 1/2" x 10") along with operating instructions, parts list and warranty card.



## D-180 Pull Force

Adjustment Port

## Other Kits Available Include:





D-100-MIL-2 D-100-R