

D-100-C Hand Hydraulic Riveter for Automotive & Commercial Use

LIGHTWEIGHT

POWERFUL

VERSATILE

PRODUCTIVE



ONE TOOL DOES IT ALL

- REPAIR
- RESTORATION
- CUSTOMIZING
- MAINTENANCE

Developing over **3750 lbs of pulling force**, this lightweight, U.S. made tool will install blind rivets up to 1/4" diameter (including automotive split rivets), Monobolts® and Huck Magnalok® and blind rivet nuts up to 3/8" Aluminum and 1/4-20 or 6 mm steel.

Requiring no external power, the D-100 series riveters are ideally suited for any limited production or repair operating. Because of the lightweight and compact size the riveters can be used in limited access areas where other riveters often require very costly adaptive tooling.

With the D-100-C you can repair, restore, maintain or customize automobiles, vans, buses, RVs, boats and small aircraft.

Tooling Applications:

MARINE: Assembly of accessories such as antennae, cleats, etc.

MISCELLANEOUS: RV & Van customizing, stock car building and repair, ultra light and home built aircraft, HVAC installation and repair and countless DIY jobs.

AUTOMOTIVE: Body Shop; Door handles, window regulator, glass stops, bungs, etc.

MAINTENANCE: Sheet Metal installation and repair, door assembly, ductwork, signs, vehicle repair, etc.

D-100-C Specifications

Pulling Force:	3750 lbs
Stroke Max:	625
Weight	20.5 oz.
Dimensions:	6-14"H x 5 3/8"L x 1 3/4"W
Power Source:	Hand Operated Two Valve, Cylindrical Hydraulic Pump Assembly with Pressure Relief Valve

D-100-N Hand Hydraulic Nutsetter

FOR INDUSTRIAL & COMMERCIAL AIRCRAFT & AUTOMOBILE APPLICATIONS

MANUAL OPERATION

D-100
Hand Hydraulic
Nutsetter
Riveter



The D-100 Hand Hydraulic Nutsetter supplied in the D-100-N kit provides up to 3,750 lbs of pulling force over a .625" stroke. In the event there are limited access areas where the larger air operated tool will not fit, or if compressed air is unavailable, the sheet metal technician has the capability to perform needed installations.



D-100-N Nutsetting Kit



The D-100 series riveters in the FSI Kits are currently being used by commercial airlines, aerospace vehicle manufacturers, military aviation maintenance organizations, general aviation fixed based operators, private aircraft fleets, and aircraft kit homebuilders. Other versions of the D-100 series riveter and FSI Kits are available for automotive, truck, trailer, bus, marine, industrial sheet metal and general maintenance operations.



D-100 Nutsetting
Configuration



Attention:
Female Side
must face
forward





D-100-RNA AUTOMOTIVE HAND HYDRAULIC BLIND RIVET TOOL KIT

Fastening Systems
International

POWERFUL

VERSATILE

LIGHTWEIGHT

COMPACT

Developing over 3750 lbs of pulling force, this lightweight, U.S. made tool will install blind rivets up to 1/4" diameter (including automotive split rivets, Monobolts® and Huck Magna-Lok®) and blind rivet nuts up to 3/8" Aluminum and 1/4-20 or 6mm steel.

Requiring no external power, the D-100 series riveters are ideally suited for any limited production or repair operation. Because of the lightweight and compact size the riveters can be used in limited access areas where other riveters often require very costly adaptive tooling.

With the D-100-RNA kit you are ready to repair, restore, maintain, or customize automobiles, vans, buses, RVs, boats and small aircraft.

This kit comes with four nosepieces for riveting and three stud/anvils combinations for nut-setting. Other sizes and types are available from FSI. Please contact our office for more information.

INSTALLS ALL **Cherry Monobolts®** AND **Huck Magna-Lok®** THRU 1/4" DIA.

OVER 3750 LBS OF PULLING FORCE

ADAPTABLE FOR Rivnuts® & Nutserts

INSTALLS 1/4" "T-rivets"

ONE TOOL DOES IT ALL

- REPAIR
- RESTORATION
- CUSTOMIZING
- MAINTENANCE

AUTOMOTIVE- Body Shop: door handles, window regulator, glass stops, bumpers, etc.

MAINTENANCE- sheet metal installation and repair, door assembly, ductwork, signs, vehicle repair, etc.

MARINE- Assembly of accessories such as antennae, cleats, etc.

MISCELLANEOUS- RV and Van customizing, stock car building and repair, snowmobile repair, ultra light and home built aircraft, HVAC installation and repair and countless DIY jobs.



D-100-RNA KIT

D-100-C SPECIFICATIONS

- Pulling Force Maximum:** 3750 lbs.
- Stroke Maximum:** .625"
- Overall Dimensions (Retracted):** 6-1/4" H x 5-3/8" L x 1 3/4" W
- Weight (Filled with Oil):** 20.5 oz.
- Power Source:** Hand operated, Two valve, cylindrical hydraulic pump assembly, with pressure relief valve.

D-100-RNA KIT CONTENTS:

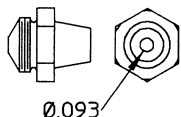
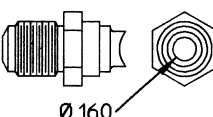
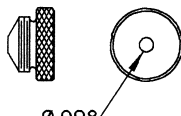
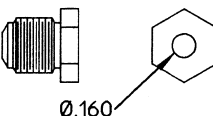
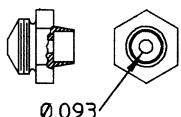
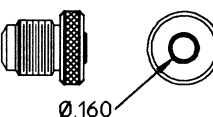
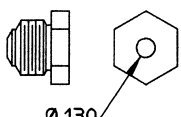
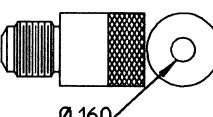
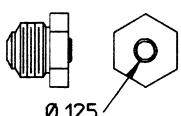
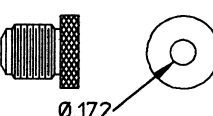
- 1ea D-100-C riveter/nutsetter
- 1ea 1/4" "T" rivet (automotive split rivet) nosepiece
- 1ea 1/4" Magna-Lok® nosepiece
- 1ea 3/16" rivet nosepiece
- 1ea 1/8" automotive trim nosepiece
- 1ea 10-24 stud/anvil set
- 1ea 1/4-20 stud/anvil set
- 1ea 6mm stud/anvil set

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*US Patent Protected. D-100 is a Systems Mark of Fastening Systems International, Inc. Monobolt® is a registered trademark of Avdel/Cherry Textron. Magna-Lok® is a registered trademark of Huck International.

NOSE PIECES

	P/N	Description		P/N	Description	
	F156-C	1/8" for Trim Molding Pop Rivets			F155-C	1/4" Auto Split "T" Rivets
$\varnothing.093$				$\varnothing.160$		
	F159-C	3/32" & 1/8" Pop Rivets			F157-C	1/4" Pop & Plastic Rivets
$\varnothing.098$				$\varnothing.160$		
	F190-C	1/8" Stand Off Pop Rivets			F169-C	1/4" Monobolts
$\varnothing.093$				$\varnothing.160$		
	F143-C	5/32" & 3/16" Pop & Plastic Rivets			F193-C	Spec. GM Glass Stop Travel, Pop Rivets
$\varnothing.130$				$\varnothing.160$		
	F168-C	3/16" Monobolts			F142-C	1/4" Magna Lok
$\varnothing.125$				$\varnothing.172$		

NUT-SETTING

Size	Stud	Rivet Nut Anvil	NutSert Anvil
4mm	F383-C	F364-C	
5mm	F384-C	F365-C	
6mm	F380-C	F366-C	
8mm	F386-C	F368-C	
10mm	F387-C	F381-C	
10-24	F372-C	F365-C	F176-C
1/4-20	F373-C	F366-C	F177-C
6-32	F360-C	F367-C	
8-32	F361-C	F364-C	
10-32	F362-C	F365-C	
1/4-28	F363-C	F366-C	
3/8-16	F375-C	F379-C	
5/16-18	F374-C	F378-C	
3/8-24	F376-C	F379-C	
5/16-24	F377-C	F378-C	

BLIND FASTENERS

Part#	Description
Rivets:	
BSPT-08-125	Window Regulator Rivet 1/4" dia.
BSPT-08-562	Glass Stop Rivet 1/4" dia.
BSPT-08-187	Door Handle Rivet 1/4" dia.
AAP-08-04	Nail Rivet 1/4" dia. grip Alum/Alum
Nuts:	
9444-0822	1/4"-20 Rivet Nut-Alum
9504-08	1/4"-20 Nutsert-Steel
9434-0822	1/4"-20 Nutsert-Steel