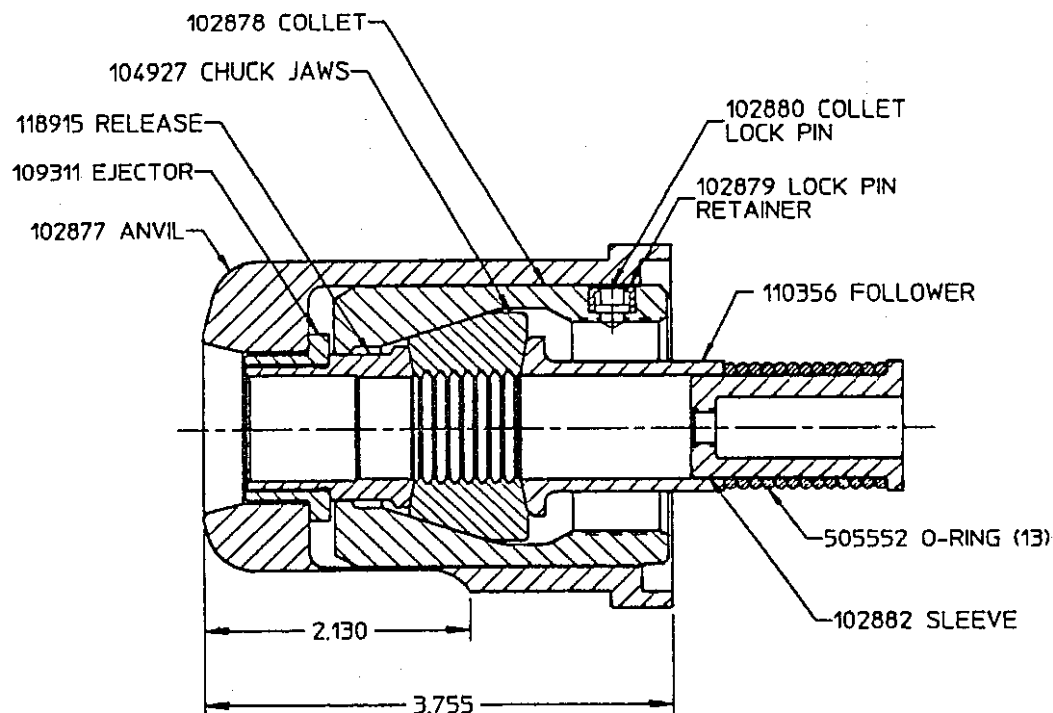
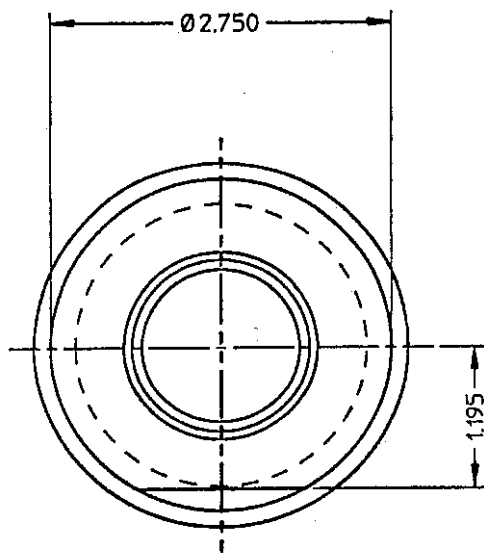


HUCKA
Federal-Mogul
Company

NOSE ASSEMBLY DATA SHEET



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Huck Manufacturing Company

Installation Equipment Division

85 Grand Street • Kingston, NY 12401

TYPE: Self-releasing
FOR: HUCKBOLT® C50L-28
TOOL: 506

ISSUED: 2-74

REVISED: 7-91

NOTES:

- 1 RELEASE & EJECTOR KIT P/N 121242 CONSISTS OF:
118915 RELEASE
109311 EJECTOR
503657 LOCTITE
- 2 COLLET & LOCK ASSEMBLY P/N 102738 CONSISTS OF:
102878 COLLET (NOT AVAILABLE SEPARATELY).
102880 COLLET LOCK PIN
102879 RETAINER
118915 RELEASE
109311 EJECTOR

99-725**NOSE ASSEMBLY**

Nose Assembly Maintenance

1. Prepare tool per manual.

WARNING: Before maintenance or adjustments, **POWERIG®** Hydraulic Unit must be disconnected from electrical or air supply. If not disconnected, severe personal injury and/or damage may result.

Disconnect **POWERIG** Hydraulic Unit's power source. Connect tool's hoses and controls to unit. Reconnect power source. Depress trigger for 30 seconds -- piston stops completely forward. Disconnect controls and **RETURN** hose -- tool piston must remain completely forward.

2. Disassembly/assembly as applies:

Remove parts of nose assembly for inspection and maintenance.

Anvil: Remove retaining ring and split ring/sleeve from anvil/tool. Where used, pressed-in anvil is pressed out with drift and arbor press -- press new anvil in squarely to prevent cracking.

Collet: To remove defective release/ejector assembly, cut at a point between flange of ejector and end of collet -- put **LOCTITE** on new release/ejector threads or grooves. Check to be sure brass locking ball (and set screw where used) is not missing or worn - - press new lock assembly squarely into collet. Spread thin film of **SUPER O-LUBE** on O-rings and O D of sleeve. Push **HUCKBOLT®** pin into collet. With jaws engaged evenly on pin, turn collet over and slide other parts in -- turn collet up and press up on release -- pin will drop out. Check to see that retaining ring inside collet is below thread. Push with thumb on ring to insure movement up and down. If not, reassemble collet.

Collet adjustment: Be sure tool piston stays completely forward.

Slowly screw collet onto piston -- watch small flat section until top of flat just disappears under edge of the tool's adapter. Put thumb pressure on brass ball and turn collet slowly until ball drops in groove -- do not turn collet anymore. If jaws will not release broken pintail, readjust top of flat to adapter's edge.

CAUTION: Check position of collet flat at regular intervals to prevent nose assembly and/or tool damage.

Additional precautions: On nose assemblies manufactured after 9-1-90 (for 1/2, 5/8 and 3/4 fasteners): The set screw opposite the ball lock is tightened into groove after ball lock is seated in a groove. Set screws are coated with **VIBRATITE** to prevent loosening. For best results reapply **VIBRATITE** whenever collet is adjusted on, or installed onto, tool -- carefully follow directions on container.

If there's a collet lock sleeve, slide it down over brass ball and, if applicable, over the set screw. Slide anvil over collet -- do not turn. Place hand on top of anvil and push up and down -- should be a springy movement.

Attaching anvil: Place split rings over anvil and adapter of tool -- push anvil into tool to assist in seating split rings. Slide sleeve or retainer over split rings and, depending on nose design, install retaining ring on either anvil or split rings

3. Checking nose assembly: See

WARNING -- connect controls and **RETURN** hose. Reconnect hydraulic unit to power source. Install fasteners in test plate of correct thickness with proper size holes -- check pintail ejection and installed fasteners.

Notes:

1. To extend jaw life: Disassemble nose assembly periodically; clean and inspect components -- use a pick to clean jaw grooves. **CAUTION:** Wash parts in mineral spirits or Isopropyl alcohol only -- dry O-rings; urethane jaw assemblies immediately after cleaning as prolonged contact with solvent causes swelling -- dry other parts.

2. Spare parts -- as applicable: Collet locks; collet lock pins; jaws; O-rings; springs; retaining rings; driving anvils; release and ejector kits; set screws, 121343 (1/2 collet); set screws, 121342 (5/8 and 3/4 collet).

3. Tool/service items -- as applicable: Adjustable wrench, 503044; **TRUARC** pliers (0100), 502857; **TRUARC** pliers (0600) 502867; **LOCTITE** (609), 503657 (for release/ejector); **VIBRA-TITE**, 505125 (if applicable, for collet set screw and collet extension); **Parker SUPER O-LUBE**, 505476 (for O-rings); hex keys -- 5/16-502446, 3/8-502651; 1/2-505898; 5/8-504249; for set screws -- 5/64-502444; 3/32-502293.