

# Ratchet Shears

## Cizallas de trinquete

### Cisailles à cliquet

RS1

#### Instructions

1. Pull the handles apart fully to open blade.
2. Place pipe or tubing squarely against the cradle, and squeeze handles together completely. Relax the handles to engage next ratchet tooth; squeeze handles again.

**NOTE: CUTS UP TO #9 SOFT COPPER (TRACER) WIRE - PLACE WIRE IN GROOVE, AND FULLY CLOSE SHEARS.**

#### HELPFUL HINTS:

To prevent cracking of cold pipe, warm pipe and/or use slow, even strokes. Light oil on mechanism prevents rusting and reduces friction. Rotate shears around very flexible, thin pipe or tubing to assist in cutting.

#### WARNING!

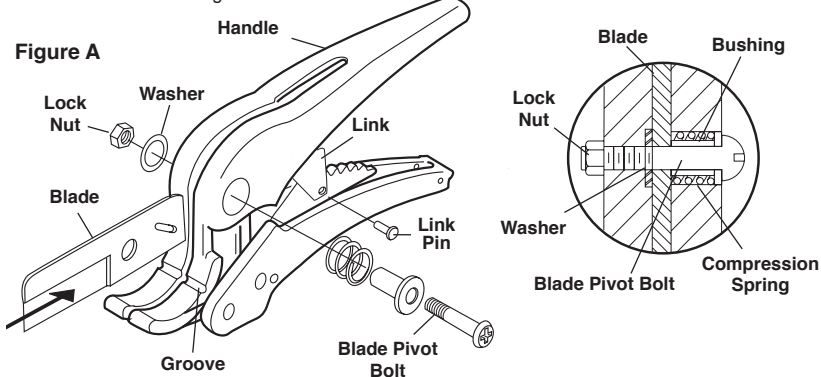
Wear eye protection when cutting cold or brittle PVC or other hard plastic. Pipe can crack or shatter. Store shears in closed and latched position to prevent damage to blade and hands. Keep fingers clear when cutting.

**CUTS:** PE, ABS, PVC, PP, PEX, NYLON TUBING, SIMILAR SOFT PLASTICS, RUBBER PIPE AND TUBING. DOES NOT CUT METAL OR REINFORCED TUBING.

\*Ratchet Shears are NOT RECOMMENDED to cut PVC or CPVC for solvent cement weld connections. Instead use Reed Quick Release™ Tubing Cutters.

#### Replace Blade: Figure A

1. Remove lock nut and blade pivot bolt using 5/32" Allen wrench.
2. Fully open handles. Slide blade into body sufficiently to be able to release the retaining ring.
3. Remove link pin. Change blade.
4. Connect link pin through blade and links, then secure with retaining ring.
5. Make sure washer is inserted in body.
6. Align blade hole with body.
7. Put spring, bushing, and bolt through blade and tighten.
8. Fasten lock nut and secure.
9. Check blade for straight cuts.



#### Replacement Blades / Hojas / Lames

RS1B	#94175	RS1 Hardened Steel Replacement Blade Hoja de sustitución de acero endurecido RS1 Lame de recharge en acier trempé RS1
RS1BPLT	#94180	RS1 Nickel-plated Steel Replacement Blade Hoja de sustitución de acero endurecido con níquel RS1 Lame de recharge en acier nickelé RS1



PIPE TOOLS & VISES  
SINCE 1896

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Reed Manufacturing Company, Erie, PA USA



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Made in USA  
Hecho en EE.UU.  
Fabriqué aux É.U.

Ratchet Shears

#04176

Cizallas de trinquete

Cisailles à cliquet

7-Step  
Ratchet  
Mechanism

RS1

Capacity / Capacidad / Capacité

1.66" 42 mm  
actual O.D.

For — Para — Pour PE, PP, PEX, ABS, PVC\*



PIPE TOOLS & VISES  
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One-Hand  
Operation

