

## Hand Notcher


**N1R**


**Fast and easy cutting. Notcher makes a clean 30° "V" shaped cut in sheet metal.**

13/16 in. (20.6 mm) maximum throat depth. Upper cutting jaw is drop forged high impact alloy steel. Hook design of cutting jaw facilitates notching corners or take-off tabs to desired depth without slipping. Long-wearing, hardened stamped steel components feature rust resistant nickel plate and black oxide finishes. Ergonomic Redline Handles with unique one-hand operation latch offer maximum compound leverage performance and natural fit and feel.

## One-Inch Notcher

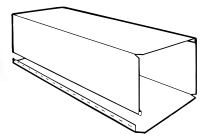

**N2R**


Provides more clearance for folding and fabricating metal ductwork

**The N2R Notcher punches a big 1 in. (25.4 mm) deep "V" notch in common 24 to 30 (0.71-0.41 mm) gauge galvanized sheet metal quickly and easily.**

Folding and fabricating metal ductwork is easier than ever with the full 1 inch clearance that the N2R single operation notcher provides. Precision-ground steel upper jaw and hardened stamped steel components feature rust-resistant black oxide and nickel plated finishes. Ergonomic Redline Handles with unique one-hand operation latch offer maximum compound leverage performance and natural fit and feel.

## Snap Lock Punch


**SL1R**


**Join sheet metal, duct and pipe sections economically.**

No need for extra hardware. Punches raise a louvered shaped projection on metal edge for locking into rolled edge of sheet or piece to be joined. Metal pieces snap together and are fastened securely. Compound Handle Leverage for maximum ease of operation. Punch impression spaced 3/8 in. from edge of metal. Heavy forged cutting jaw. Rust resistant nickel plate and black oxide finishes. Ergonomic Redline Handles with unique one-hand operation latch offer maximum compound leverage performance and natural fit and feel.

| Catalog Number | Description           | Throat Depth in. (mm) | Variable Leverage Ratio (High / Low) throughout stroke | Jaws                                     | Cutting Angle | Length in. (mm) | Net Wt. oz. (g) |
|----------------|-----------------------|-----------------------|--------------------------------------------------------|------------------------------------------|---------------|-----------------|-----------------|
| N1R            | Hand Notcher          | 13/16 (20.6)          | 7.4 to 1.0 - 8.0 to 1.0                                | Alloy Steel Forging / Carbon Steel Shell | 30°           | 8 (203)         | 16 (454)        |
| N2R            | One-Inch Hand Notcher | 1 (25.4)              | 6.6 to 1.0 - 7.0 to 1.0                                | Investment Casting / Carbon Steel Shell  | —             | —               | 17 (482)        |
| SL1R           | Snap Lock Punch       | 3/8 (9.5)             | 10.8 to 1.0 - 11.7 to 1.0                              | Alloy Steel Forging / Carbon Steel Shell | —             | 8 (203)         | 16 (454)        |

| CAPACITIES | Material    | Aluminum     | Copper       | Stainless Steel 26 Gauge | Galvanized Steel 24 Gauge | Mild Steel 24 Gauge |
|------------|-------------|--------------|--------------|--------------------------|---------------------------|---------------------|
| N1R        | inches (mm) | 0.035 (0.89) | 0.023 (0.58) | 0.018 (0.46)             | 0.028 (0.71)              | 0.024 (0.61)        |
| N2R        | inches (mm) | 0.035 (0.89) | 0.023 (0.58) | 0.018 (0.46)             | 0.028 (0.71)              | 0.024 (0.61)        |
| SL1R       | inches (mm) | 0.035 (0.89) | 0.023 (0.58) | 0.018 (0.46)             | 0.028 (0.71)              | 0.024 (0.61)        |

Replacement Spring for Hand Tools

5018 Fits N1R, N2R, SL1R