

# Metal Duct Tools & Accessories



HVAC-Tools of the Trade



**N1 Hand Notchers**

Fast and easy cutting. Notcher makes a clean 30° “V” shaped cut in sheet metal. 13/16” (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. Rust resistant nickel plate and black oxide finishes. Tool also features vinyl grips with hand stops for added comfort and resistance to elements.

CATALOG NUMBER	THROAT DEPTH IN. (MM)	CUTTING ANGLE	LENGTH IN. (MM)	NET WT. OZ. (G)
<b>N1</b>	13/16 (20.6)	30°	8 (203)	16 (454)

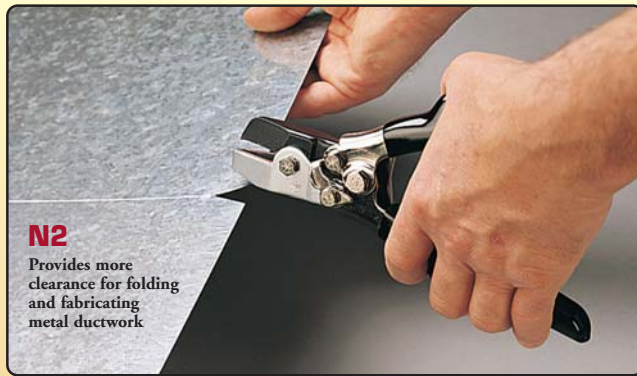
**CAPACITIES**

MATERIAL:	ALUMINUM	COPPER	STAINLESS STEEL 26 GAUGE	GALVANIZED STEEL 24 GAUGE	MILD STEEL 22 GAUGE
Inches (mm)	.035 (0.89)	.023 (0.58)	.018 (0.46)	.028 (0.71)	.030 (0.76)

**TOOL SPECIFICATIONS**

JAWS	VARIABLE LEVERAGE RATIO HIGH/LOW THROUGHOUT STROKE
Alloy Steel Forging w/Carbon Steel Shell	7.4 to 1.0 - 8.0 to 1.0

## One-Inch Notcher



**N2**  
Provides more clearance for folding and fabricating metal ductwork

The N2 Notcher punches a big 1 inch (25.4 mm) deep “V” notch in common 24 to 30 (0.71-0.41 mm) gauge galvanized sheet metal quickly and easily. A narrower handle opening provides additional user comfort while still allowing a full throat opening. Folding and fabricating metal ductwork is easier than ever with the full 1 inch clearance that the N2 single operation notcher provides.

CATALOG NUMBER	DESCRIPTION	NET WT. OZ. (G)
<b>N2</b>	1 (25.4) Notcher	17 (482)

**Replacement Spring for Hand Tools**

<b>5018</b>	Fits N1, N2, SL1 and SL2 (See page 19 for full list).
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**CAPACITIES**

MATERIAL:	ALUMINUM	COPPER	STAINLESS STEEL 26 GAUGE	GALVANIZED STEEL 24 GAUGE	MILD STEEL 22 GAUGE
Inches (mm)	.035 (0.89)	.023 (0.58)	.018 (0.46)	.028 (0.71)	.030 (0.76)

**TOOL SPECIFICATIONS**

JAWS	VARIABLE LEVERAGE RATIO HIGH/LOW THROUGHOUT STROKE
Investment Casting with Carbon Steel Shell	6.6 to 1.0 - 7.0 to 1.0

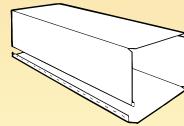
## Snap Lock Punches



**SL1**

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” from edge of metal. Heavy forged cutting jaw. Rust resistant nickel plate and black oxide finishes. Tool also features vinyl grips with hand stops for added comfort and resistance to elements.



CATALOG NUMBER	THROAT DEPTH IN. (MM)	LENGTH IN. (MM)	NET WT. OZ. (G)
<b>SL1</b>	3/8 (9.5)	8 (203)	16 (454)

**CAPACITIES**

MATERIAL:	ALUMINUM	COPPER	STAINLESS STEEL 26 GAUGE	GALVANIZED STEEL 24 GAUGE	MILD STEEL 22 GAUGE
Inches (mm)	.035 (0.89)	.023 (0.58)	.018 (0.46)	.028 (0.71)	.030 (0.76)

**TOOL SPECIFICATIONS**

JAWS	VARIABLE LEVERAGE RATIO HIGH/LOW THROUGHOUT STROKE
Alloy Steel Forging w/Carbon Steel Shell	10.8 to 1.0 - 11.7 to 1.0

## Adjustable Snap Lock Punch

Not recommended for heavy sheet metal.

**SL2**



Slide adjustment for throat depth allows settings from 1/4” to 5/8” (6.35 to 15.88 mm) depth. Also used to crimp end caps on gutter. Nickel plate and black oxide finish. Green grips. Formed metal cutting jaws.

CATALOG NUMBER	THROAT DEPTH IN. (MM)	LENGTH IN. (MM)	NET WT. OZ. (G)
<b>SL2</b>	1/4 to 5/8 (6.4 to 15.9)	8 (203)	16 (454)





HVAC-Tools of the Trade

## Pipe Crimpers

### Easy Hand Motion and Greater Control:

A superior compound leverage mechanism offers maximum ease of operation. Comfortable opening, spring-actuated handles, and vinyl cushioned grips, give additional comfort and control.

### Longer Lasting Performance

Wear resistant, hardened steel construction features heavy duty linkage between handles and jaws. Hardened steel also produces greater handle strength to resist abuse and collapsing. Nickel plating resists elements.

## 5-Blade Crimper

Longer, shallower crimps produced with the C5 result in a tighter fitting, more self supporting, leak-proof connection in sheet metal pipe and duct.



CATALOG NUMBER	THROAT DEPTH IN. (MM)	LENGTH IN. (MM)	NET WT. OZ. (G)
<b>C5</b>	1-5/8 (41.3)	9-5/8 (244)	17 (482)

### Replacement Spring for Hand Tools

**5018** Fits C5 and SC3 (See page 19 for full list).

### CAPACITIES

MATERIAL:	ALUMINUM	COPPER	STAINLESS STEEL 26 GAUGE	GALVANIZED STEEL 24 GAUGE	MILD STEEL 22 GAUGE
Inches (mm)	.035 (0.89)	.023 (0.58)	.018 (0.46)	.028 (0.71)	.030 (0.76)

### TOOL SPECIFICATIONS

BLADES	VARIABLE LEVERAGE RATIO HIGH/LOW THROUGHOUT STROKE
Carbon Steel	6.6 to 1.0 - 8.7 to 1.0



## Offset Crimper

Ideal crimping tool wherever you encounter tight working quarters or working over-head. A unique blade design keeps handles offset and keeps hands off work obstacles such as floor joists and underlayments. The handle design also promotes correct gripping of tool resulting in less wrist fatigue.



CATALOG NUMBER	DESCRIPTION	THROAT DEPTH IN. (MM)	NET WT. OZ. (G)
<b>C6</b>	Offset Pipe Crimper	1-5/8 (41.3)	16 (454)

### CAPACITIES

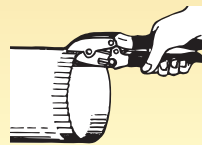
MATERIAL:	ALUMINUM	COPPER	STAINLESS STEEL 26 GAUGE	GALVANIZED STEEL 24 GAUGE	MILD STEEL 22 GAUGE
Inches (mm)	.035 (0.89)	.023 (0.58)	.018 (0.46)	.028 (0.71)	.030 (0.76)



### HEAVY GAUGE

## 3-Blade Crimper

Ideal for crimping heavy 24 to 22 gauge (0.71 to 0.86 mm) galvanized sheet steel. Nickel plating and vinyl grips.



CATALOG NUMBER	THROAT DEPTH IN. (MM)	LENGTH IN. (MM)	NET WT. OZ. (G)
<b>SC3</b>	1-1/4 (31.8)	9 (229)	14 (397)

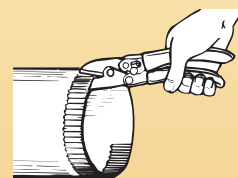
### CAPACITIES

MATERIAL:	ALUMINUM	COPPER	STAINLESS STEEL 24 GAUGE	GALVANIZED STEEL 22 GAUGE	MILD STEEL 20 GAUGE
Inches (mm)	n/a	n/a	.024 (0.61)	.034 (0.86)	.036 (0.91)

### TOOL SPECIFICATIONS

BLADES	VARIABLE LEVERAGE RATIO HIGH/LOW THROUGHOUT STROKE
Carbon Steel	6.6 to 1.0 - 8.7 to 1.0

## Single Crimper



Fast, easy to use and lightweight. Handy lock makes tool pocket sized. Zinc plated steel. Red grips.

CATALOG NUMBER	THROAT DEPTH IN. (MM)	LENGTH IN. (MM)	NET WT. OZ. (G)
<b>SC1</b>	1-1/4 (31.8)	8 (203)	8 (227)



### RELATED ITEMS

**Downspout Crimpers**  
See page 40





# Metal Duct Tools & Accessories

## Duct Stretchers

Use the Duct Stretcher to hold duct in place with one hand while slipping drive cleat in place with other hand. The low profile, straight body is designed to go anywhere, even in the tightest quarters. Additional spacing holes allow wheels to be adjusted to span greater distances. Rugged anodized aluminum body features large vinyl cushion grip and handy hang-up hole.



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### DS1



CATALOG NUMBER	DESCRIPTION	LENGTH IN. (MM)	NET WT. oz. (g)
DS1	Duct Stretcher	16 (406)	12 (340)

### OFFSET DUCT STRETCHER

Same features as DS1 plus offset handle to eliminate knuckle contact.

### DS2

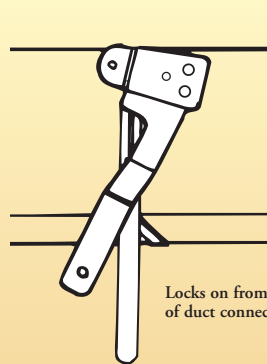


CATALOG NUMBER	DESCRIPTION	LENGTH IN. (MM)	NET WT. oz. (g)
DS2	Offset Duct Stretcher	16 (406)	12 (340)

### REPLACEMENT PARTS FOR DS1, DS2, DS3

CATALOG NUMBER	DESCRIPTION
DS1C	Replacement wheels, nuts & screws (2 ea.)

## Locking Duct Stretcher Frees Hands and Frees up Time!



Locks on from either side of duct connection

### DS3



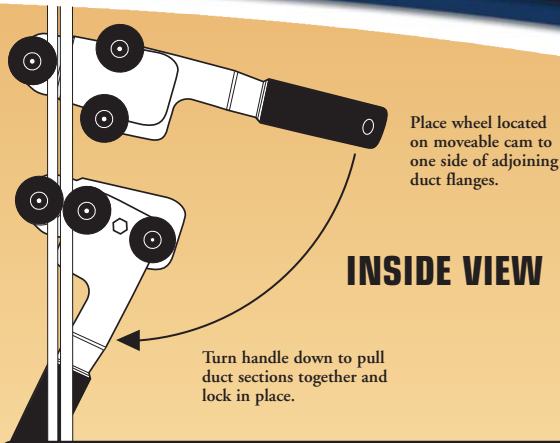
Locking duct stretcher pulls duct sections together and holds them in place while freeing both hands to align and install drive cleats.

The DS3 locks on from either side of duct connection. No need to adjust wheel! Simply place wheel located on moveable cam to one side of adjoining duct flanges. Turn handle downward to pull duct sections together and lock in place. Greater wheel clearance makes capturing the ends of duct sections, even misshapen flanges, easier than ever. The versatile shape of the DS3 frame also lets you hook and pull duct from above as the drive cleat is coaxed along the remainder of flanged track. The durable all steel frame extends beyond wheel edges, making it safe to push, hammer and bend drive cleats as necessary to complete installation. An offset handle design eliminates knuckle contact with work.

CATALOG NUMBER	DESCRIPTION	LENGTH IN. (MM)	NET WT. oz. (g)
DS3	Locking Duct Stretcher	12 (305)	30 (851)

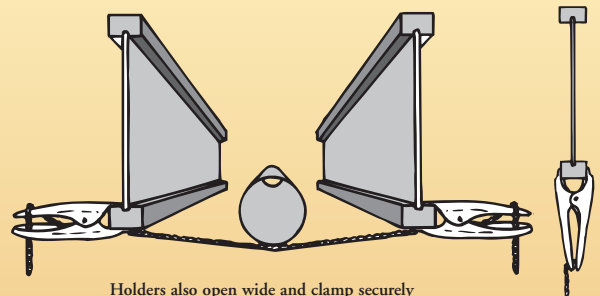
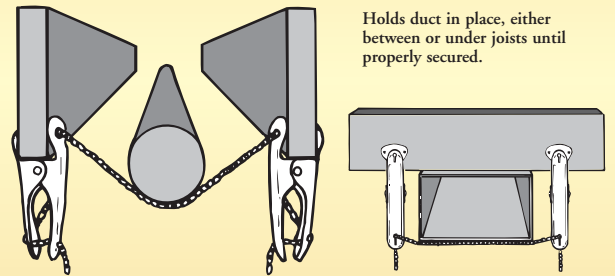


**RELATED ITEMS**  
Pipe and Duct Holders  
See page 17



## Pipe & Duct Holders

**Like an extra pair of hands!**



Two powerful clamps and four feet of 125 lb. tensile strength linked chain. Set holds duct in place, either between or under joists until it is properly secured. Also ideal for installing fiberglass duct, link chain will not puncture foil skin. Clamps and chain are nickel plated steel.

CATALOG NUMBER	DESCRIPTION	CHAIN LENGTH FT. (M)	TENSILE STRENGTH LBS.
<b>2DH</b>	1 pair of clamps and chain	4 (1.22)	125





# Metal Duct Tools & Accessories

## 28 Gauge Dampers

1/4" (6.4 mm) bearings allow bearing holes to be made in round duct with the use of a scratch awl. Squeeze pipe so that it is oval shaped. Insert damper into pre-punched bearing hole(s). Pipe will spring back to round when released. Secure with wing nut(s) provided. Damper may be adjusted with screwdriver or optional damper handle. **Available with or without handles. See below.**

### Damper Regulator Hardware

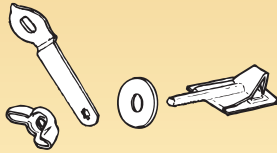
- Fast installing hammer-on design.
- For use on 30-24 gauge (0.41-0.71 mm) galvanized steel.
- Standard 5/16" (8 mm) threads.
- Packaged 12 sets per bag.
- Not for stove pipe: Use only for air handling applications where temperature does not exceed 350°F (176°C).

#### DR25

##### Single Bearing / Fixed

Contents: 1 fixed tip

- 1 inside washer
- 1 handle • 1 wing nut

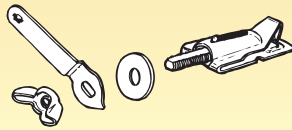


#### DR69

##### Single Bearing / Spring Loaded

Contents: 1 spring bearing

- 1 inside washer
- 1 handle • 1 wing nut

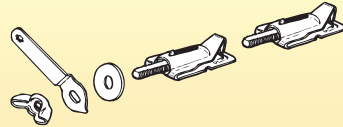


#### DR70

##### Double Bearing

Contents: 2 spring bearings

- 1 inside washer
- 1 handle • 1 wing nut

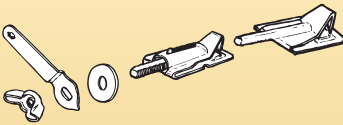


#### DR71

##### Double Bearing

Contents: 1 spring bearing

- 1 fixed tip
- 1 inside washer
- 1 handle • 1 wing nut



### Bulk Components

**DT516** (1000 pc. ctn.)  
Head/Tail Piece, Fixed  
(5/16" threads)



**DRW** (1000 pc. ctn.)  
Inside Washer



**WN100** (100 pack)  
Wing Nuts



**H1100** (100 pack) Damper Handles



#### STANDARD DAMPERS, WINGNUTS INCLUDED UNASSEMBLED

28 Gauge (0.48 mm) 100 packs

CATALOG NUMBER	PIPE DIAMETER IN. (MM)	BEARING
<b>D5100</b>	5 (127)	single
<b>D6100</b>	6 (152)	single
<b>D6HT100</b>	6 (152)	double
<b>D7HT100</b>	7 (178)	double
<b>D8HT100</b>	8 (203)	double

#### STANDARD DAMPER, HANDLES & WINGNUTS INCLUDED UNASSEMBLED

28 Gauge (0.48 mm) 100 packs

CATALOG NUMBER	PIPE DIAMETER IN. (MM)	BEARING
<b>D6NA</b>	6 (152)	single

#### PRE-ASSEMBLED DAMPERS, HANDLES and WINGNUTS

28 Gauge (0.48 mm) 100 packs

CATALOG NUMBER	PIPE DIAMETER IN. (MM)	BEARING
<b>D4AST</b>	4 (102)	single
<b>D5AST</b>	5 (127)	single
<b>D6AST</b>	6 (152)	single
<b>D7AST</b>	7 (178)	single
<b>D8AST</b>	8 (203)	single
<b>D6HTAST</b>	6 (152)	double
<b>D7HTAST</b>	7 (178)	double
<b>D8HTAST</b>	8 (203)	double



**CAUTION:** Malco Dampers are designed for forced air systems, they are not capable of being used in wood, coal, or other similar systems.

