



MALCO TOOL BOOK

Malco[®]

Better ideas for the real world



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Product Video's are available online at www.malcotools.com.
Keep your eyes open for this icon on specific catalog pages!

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6-09-08





NEW TurboShears TSF1 and TSF1A

Use **AIR PRESSURE** for unstoppable shearing power! Combined with Malco's unique TurboShearFC Design, the TSF1A is the ultimate tool for those who want to make quick, clean cuts in fiber cement siding including window and door arches! The versatile TSF1 TurboShear fits any 14.4 V or larger cordless or standard A/C power drills for easy operation anywhere on the job site.

Page 49



NEW MV12 Andy Snip

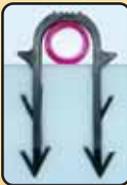


Lightweight 12-inch (31 cm) Combination Snip, with **BIG 3-inch (76 mm)** cutting depth. A knife-like edge produces a smooth slicing action for cutting thick or layered vinyl and a variety of other flexible non-ferrous materials.

Page 33



Superior Feed Mechanism and Extra-Bite Staples



NEW Foamboard Stapler System

Ergonomic D-Grip Handle. Durable, Lightweight construction. Operates from a comfortable standing position. Secures 3/8", 1/2" & 5/8" PEX to 1-inch (25.4 mm) or 2-inch (50.8 mm) foamboard insulation.

Page 6 & 7



NEW PEX Tubing Uncoiler



Compact, Fast Set-Up, Easy Dispensing! Use for hydronic in-floor radiant heating layout and for running potable tubing. Accommodates all types of PEX TUBING: 1000 ft. (305 m) of 3/8" to 1/2" (9.5 to 12.7 mm) or 500 ft. (152 m) of 5/8" to 1" (15.9 to 25.4 mm).

Page 97



NEW High Leverage
Drip Edge Folding Tool
for quick bends in standing seam metal edges!

Works overhead on installed panels or on a workbench for pre-bending panels. Makes up to 1-1/2" (38.1 mm) deep bends along drip edge of roofing panel.

Page 36



NEW ER3 Adjustable
3-Station Edge Roller
for clean, crisp bends in metal roofing materials!

The center roller station of the ER3 Edge Roller features a precision English/Metric depth gauge on one shaft leg that, when locked in place at desired setting, accurately aligns the depth of all roller stations. Center roller adjusts for making curves.

Page 35



NEW Seamer & Tongs Line
Durable, Maneuverable, Versatile and Precise!

Durable all-cast-steel construction, maneuverable offset and straight designs, versatile deep jaw openings, precise 135 degree bending capabilities and non-marring vinyl gripped jaw options make this Seamer and Tongs line a natural for all Metalworking Specialists.

Page 98



NEW Steel Cutting Blade
Cool Clean Cuts!

Specially formulated blade with tough C-6 carbide tips makes clean cuts in unhardened ferrous metal, including standing seam metal roofing and metal building panels. Will not burn paint or protective coatings!

Page 51



HVAC Deluxe Starter Kit with FREE 1602 Tool Box

Catalog Number	Description
DSK	The following 27 tools and FREE Zip-in screws are kitted in a FREE 1602 all steel box with tray 20" x 10" x 9" (51 x 25x 23 cm).
C5	Pipe Crimper
SL1	Snap Lock Punch
N1	Hand Notcher
S2	Hand Seamer
12F	Folding Tool
18	Divider
M2001	Aviation Snip - left cut
M2002	Aviation Snip - right cut
M2005	Bulldog Aviation Snip
M14N	14" (362 mm) Aluminum Handled Pattern Snip
K44	10-12 Screwdriver
K56	12-16 Screwdriver
P33	No. 1 Phillips Driver
P44	No. 2 Phillips Driver
A0	1/8" (6.35 mm) Scratch Awl
A1	7/32" (5.54 mm) Scratch Awl
SH3	Setting Hammer
T416M	1" x 16' Magnetic Tape Measure
W29	Hex Key Set
WM502	Wooden Mallet
DS2	Offset Duct Stretcher
MSH1/4	Hex Chuck
MSH5/16	Hex Chuck
ND8	1/4" Nut Driver
ND10	5/16" Nut Driver
L9M	Torpedo Level
TY4	Tie Tool
HW8x1/2Z	Zip-ins 100 pack FREE



HVAC Starter Kit with FREE 1602 Tool Box

Catalog Number	Description
STKM	12 piece tool assortment and FREE Zip-in screws are kitted in a FREE 1602 all steel box with tray 20" x 10" x 9" (51 x 25 x 23 cm) .
C5	Pipe Crimper
N1	Hand Notcher
S2	Hand Seamer
SL1	Snap Lock Punch
12F	Folding Tool
18	Divider
M2001	Aviation Snip - left cut
M2002	Aviation Snip - right cut
M14N	14" (362 mm) Aluminum Handled Pattern Snip
A1	Scratch Awl
SH3	Setting Hammer
DS2	Duct Stretcher
HW8X1/2Z	Zip-ins 100 Pack FREE

Mini Starter Kit with FREE 1671 Tool Box

Catalog Number	Description
MSK	The following 11 piece core tool assortment and FREE Zip-in screws are kitted in a FREE 1671 rust proof polypropylene tool box. 16-3/4" x 8" x 7-1/2" (43 x 20 x 19 cm).
C5	Pipe Crimper
N1	Hand Notcher
12F	Folding Tool
18	Divider
M2001	Aviation Snip - left cut
M14N	14" (362 mm) Aluminum Handled Pattern Snip
A1	7/32" (6 mm) Scratch Awl
2SW	Setting Hammer
DS2	Duct Stretcher
MSH1/4	Hex Chuck
MSH5/16	Hex Chuck
HW8X1/2Z	Zip-ins 100 Pack FREE



Siding Starter Kit with FREE 1671 Tool Box

Catalog Number	Description
SK1	The following 7 tools and a FREE 1671 rust proof polypropylene tool box, 16-3/4" x 8" x 7-1/2". (43 x 20 x 19 cm)
SL5	Snap Lock Punch, for vinyl or aluminum
MC12N	Andy, 12" (305 mm) Aluminum Handled Combination Snip
M2003	Aviation Snip, Straight, Left & Right Cutting Combo.
NHP1	Nail Hole Slot Punch, for vinyl or aluminum
SRT2	SideSwiper II, Siding Removal Tool, for Vinyl Siding
TNP2S	Trim Nail Punch, Heavy Duty Steel
4PK	Utility Knife



Radiant Heat Tools



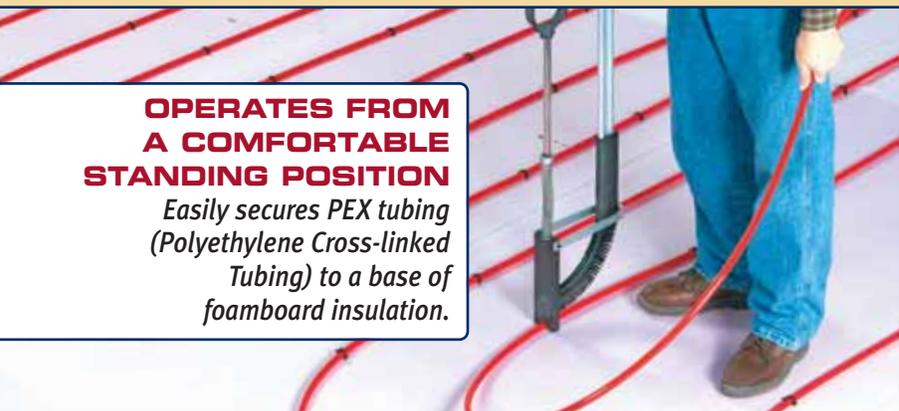
Radiant Heating Tools

No. FBSN FOAMBOARD STAPLER

For in-floor radiant heating installations.

OPERATES FROM A COMFORTABLE STANDING POSITION

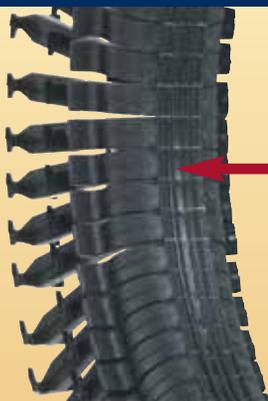
Easily secures PEX tubing
(Polyethylene Cross-linked
Tubing) to a base of
foamboard insulation.



DURABLE LIGHTWEIGHT CONSTRUCTION

Solid one-piece aluminum magazine stands up to any rugged
job-site environment.

U.S. Patent Pending NON-JAMMING SYSTEM



CLEANER STAPLE FEED

Magazine loading-strips of 25 staples are
joined together with a *discreet plastic weld*
that allows staples to separate cleanly as
they are engaged by the fastening mechanism.

SMOOTHER STAPLING ACTION

A *leaf spring controlled stop* automatically
adjusts to setup staple and guide it through
the fastening mechanism without risk of
jamming or deforming staple.



ERGONOMIC D-GRIP HANDLE

Keeps hands in-line
for applying downward
pressure while stapling
or lifting and carrying
tool.



Catalog Number	Description	Stapler Size (mm)
FBSN	Foamboard Stapler	— 37" x 11 - 1/4" x 2 - 1/2" (940 x 286 x 64)

U.S. Patent Pending

Malco

Malco STAPLES

FBSN1 and FBSN2



Always use
Malco Brand
Staples for
Superior
Strength!

Multi-Barbed
2-1/2" (63.5 mm) Staples
*"DOUBLE the
Holding Power"*
in 2" (50.8 mm)
foamboard.



- **EXTRA SHARP DUAL-BARBED STAPLES** increase "BITE" and holding power to secure 3/8", 1/2", 5/8" PEX to 1-inch (25.4 mm) or 2-inch (50.8 mm) foamboard insulation.
- **FBSN1** - 1-1/2" (38.1 mm) staples are designed for 1" (25.4 mm) foamboard.
- **FBSN2** - Additional barbs on 2-1/2" (63.5 mm) staples "Double the Holding Power" in 2" (50.8 mm) foamboard.

Stapler and Staples (FBSN, FBSN1 & FBSN2) are compatible with most other popular brands of foamboard stapling systems.



RELATED ITEMS

Tubing Tools See page 59



Catalog Number	Description	Staple Size (mm)
FBSN1	1" (25.4 mm) Foamboard Staple	1-1/2" (38.1)
FBSN2	2" (50.8 mm) Foamboard Staple	2-1/2" (63.5)

Fiberglass Duct Tools



HVAC-Tools of the Trade

Original Flex Duct Cutter

U.S. Patent No. 5,226,237



FDC1

Wire Cutter

Built-in wire cutter lets you finish the job you started with just one tool! Double edged blade cleanly pierces through outer skin and insulation. Cuts from either direction around entire circumference of duct. Fine honed blade is long lasting stainless steel. Wire cutter cuts hardened wire rib coil. Compound leverage, for easy wire cutting. Comfortable, non-slip vinyl gripped handles.



Catalog Number	Description	Length in. (mm)	Net. Wt. oz. (g)
FDC1	Flex Duct Cutter	11-7/8 (302)	11 (312)

TOOL SPECIFICATIONS

Blades / Wire Cutter	Variable Leverage Ratio High/Low Throughout Stroke
High Carbon Steel	10.4 to 1.0 - 11.9 to 1.0 (Wire Cutter)

RELATED ITEMS

Flex Duct Tool Sheath
Page 92

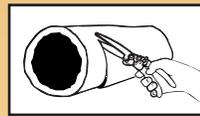
Tailor made for the FDC1 and FDC2.

The TP601 is constructed of top grain saddle leather, double stitched and rivet reinforced.

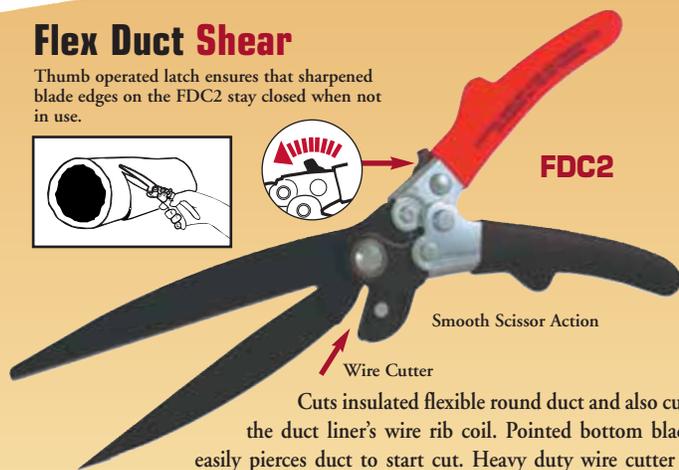


Flex Duct Shear

Thumb operated latch ensures that sharpened blade edges on the FDC2 stay closed when not in use.



FDC2



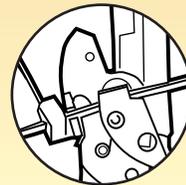
Smooth Scissor Action

Wire Cutter

Cuts insulated flexible round duct and also cuts the duct liner's wire rib coil. Pointed bottom blade easily pierces duct to start cut. Heavy duty wire cutter is located away from scissor blades. Thumb operated latch ensures that sharpened blade edges stay closed when not in use.

Catalog Number	Length of Cut in. (mm)	Tool Length in. (mm)	Net Wt. oz. (g)
FDC2	4-3/8 (111)	12-1/4 (311)	13 (369)

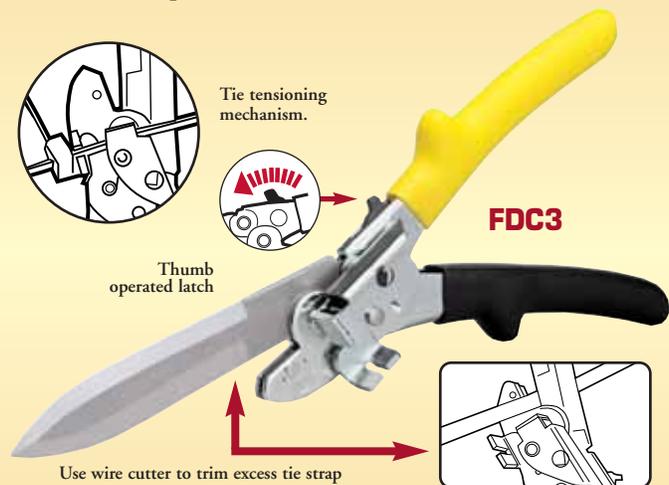
Multi-Purpose Flex Duct Tool



Tie tensioning mechanism.

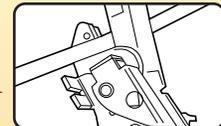


Thumb operated latch



FDC3

Use wire cutter to trim excess tie strap



Trim flex duct and tighten nylon ties with one tool!



The versatile, new FDC3 Flex Duct Tool from Malco is actually three tools in one! The finely honed **double-edged knife blade** cleanly pierces through the outer skin, insulation and liner construction of flexible round duct and cuts in either direction. A thumb-operated latch opens the tool's compound-leverage handles and the jaws of a **built-in wire cutter** to easily sever the exposed wire rib coil of duct liner. Use the tool's **tie-tensioning mechanism** to install a nylon tie strap and secure the flex duct take-off collar. With the handles of the FDC3 in the open position, a nylon tie can be threaded through the mechanism and then tightened by gently pumping the tool's handles. Use the wire cutter to trim excess tie strap tail. Trimming and installing flexible round duct is now as easy as one-two-three with Malco's new FDC3 multi-purpose Flex Duct Tool.

Catalog Number	Length in. (mm)	Net Wt. oz. (g)
FDC3	11-7/8 (302)	14 (397)

TOOL SPECIFICATIONS

Blades / Wire Cutter	Variable Leverage Ratio High/Low Throughout Stroke
High Carbon Steel	10.4 to 1.0 - 11.9 to 1.0 (Wire Cutter)

Malco



HVAC-Tools of the Trade

Adjustable, High Leverage Tensioning Tool with Auto-Cut-Off

Hardened steel stampings with weather resistant nickel chrome finish.



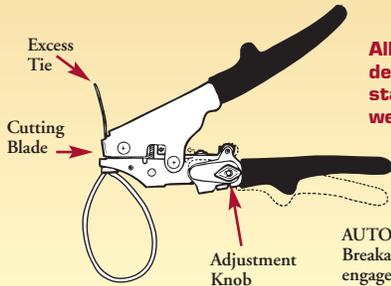
Vinyl cushion grips with hand stops

TY6

TENSIONING ADJUSTMENT KNOB AND AUTOMATIC CUT-OFF MECHANISM.

U.S. Patent No. 4,947,901 and U.S. Patent No. 5,048,575

CAUTION: DO NOT OVERTIGHTEN. ADJUST KNOB ONLY WITH FINGERS.



All Malco Tie Tools are designed to work on standard 175 lb. ties as well as thinner 125 lb. ties.

AUTO-CUT-OFF Breakaway spring mechanism automatically engages cut-off blade at desired tension setting.

For continuous use on-the-job. The TY6 Tensioning Tool is designed for a heavy user of nylon ties. An adjustment knob allows installer to set desired tension for securing flex duct to a take-off collar. When the tie is tight, a breakaway spring mechanism releases the tool's lower handle, causing the blade to engage and automatically flush cut off the excess tail of the nylon tie. No extra operation for manual trimming is required. Nylon tie installation is fast and easy with the TY6. Works on all ties including thin designs.

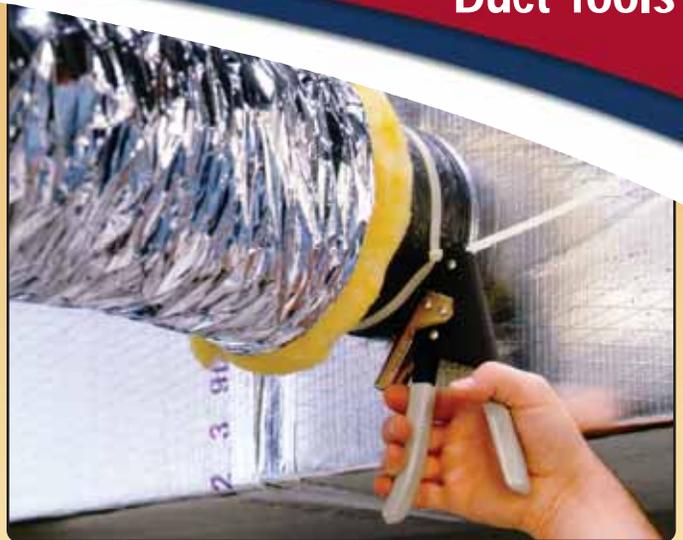
Operating the TY6 is easy on the installer too! Contoured handles, with stops, are easier to grasp. Also, smooth lever action and vinyl cushion grips minimize hand and arm fatigue on big jobs.

The TY6 features a hardened steel body, long wearing parts, and a weather resistant nickel chrome finish to assure many years of dependable service.

Turn knob clockwise to increase tension and counterclockwise to decrease tension.
Do not over-tighten.
Adjust knob only with fingers to avoid breaking ties before cut-off occurs.



Catalog Number	Description	Length in. (mm)	Net Wt. oz. (g)
TY6	High Leverage Tie Tool	8-1/2 (216)	15 (425)



MANUAL CUT-OFF Tensioning Tools



TY4

TY4G

All Malco Tie Tools are designed to work on standard 175 lb. ties as well as thinner 125 lb. ties.

These rugged lever action tie tools feature a unique notched gripper. A clean black baked on enamel wrinkle finish will also weather the elements and stand up to abuse on-the-job. Comfortable handles reduce the pinch point area, and gray vinyl cushion grips are available on the model TY4G. Works on all ties including thin designs.

Catalog Number	Description	Length in. (mm)	Net Wt. oz. (g)
TY4	Manual Cut-Off Tie Tool	6 (152)	10 (284)
TY4G	Manual Cut-Off Tie Tool /Gripped	6 (152)	11 (312)

Adjustable Nylon Ties

LISTED



Use Malco Nylon Ties to install flexible duct to take-offs, or secure bundles, up to 15" (3.81 cm) diameter. Made of 100% nylon, Malco ties offer a minimal tensile strength of 175 pounds.

Catalog Number	Length in. (mm)	Width in. (mm)	Adjustable Dia. in. (mm)
TY34	36 (914)	3/8 (9.5)	to 10 (254)
TY48	48 (1219)	3/8 (9.5)	to 15 (381)



Duct Knife

for Flex and Ductboard
with Hardened Stainless Steel!



HVAC-Tools of the Trade

**Ergonomic
Cushioned Handle**
offers comfortable, sure grip.

**Puncture Resistant
Nylon Sheath**
included with DK6S
Cushion Gripped Knife.

DK6S



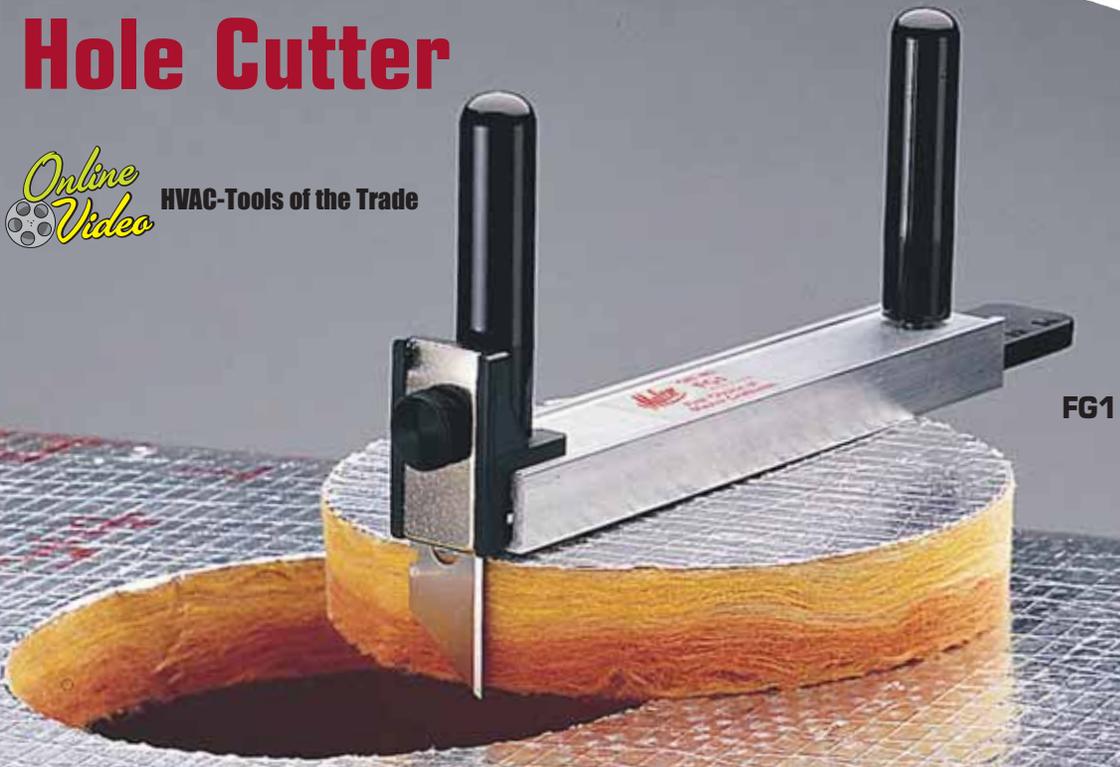
Serrated Edge
aids cutting "Flex"
fiberglass wool duct.

Catalog Number	Description	Blade Length in. (mm)	Net Wt. oz. (g)
DK6S	Cushioned-Gripped Duct Knife (Serrated)	6 (152)	7 (199)



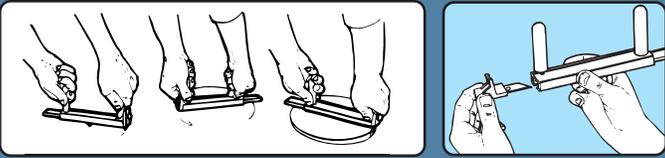
Fiberglass Duct Hole Cutter

Online Video
HVAC-Tools of the Trade



Makes precise holes in ductboard for flex duct take-offs.

Supplied with standard double point utility knife blade for cutting 1 inch (25.4 mm) board. USE SPECIAL No. KBHC BLADE FOR 1-1/2 (38.1 mm) INCH DUCTBOARD. Cuts 4" to 20" (102 to 508 mm) diameter holes in fiberglass ductboard. Operation is fast and easy. Cutter rotates counter clockwise on a center pivot punch. Durable extruded aluminum frame and engineering grade molded plastic and nylon components. Blade holder stores in body for safety and to protect blade from damage when not in use.



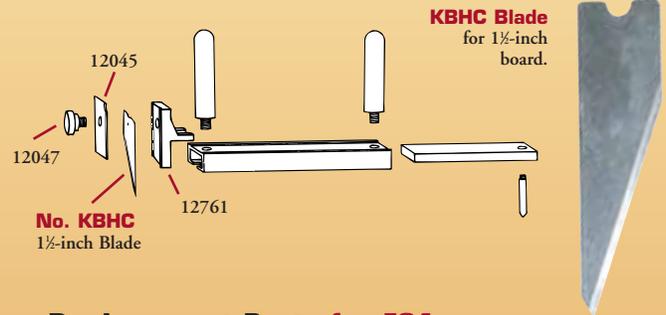
Rotate counter-clockwise as shown above.

Replacement blade KBHC

Catalog Number	Hole Diameter in. (mm)	Net Wt. oz. (g)
FG1	4 to 20 (102 to 508)	7.5 (213)

1-1/2" (38.1 mm) Ductboard Blade for FG1

KBHC 1-1/2" (38 mm) Blade for FG1 Hole Cutter

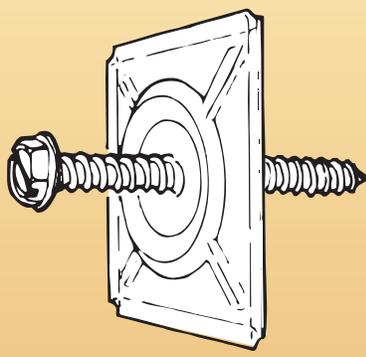


Replacement Parts for FG1

12761	Blade Holder
12045	Blade Clamp
12047	Blade Knob

Fiberglass Ductboard Washers

RW732



REINFORCEMENT WASHER

Use with #8 screw for fastening sheet metal components to fiberglass duct.

Catalog Number	Description
RW732	2-1/2" x 2-1/2"x.030" (64 x 64 x 0.76 mm) galvanized reinforced volcano washer with 7/32" (5.56 mm) diameter hole.
FLW	2-1/2" x 2-1/2"x.030" (64 x 64 x 0.76 mm) galvanized reinforced volcano washer with 1/8" (3.18 mm) diameter hole.





HVAC-Tools of the Trade

FasGroov®

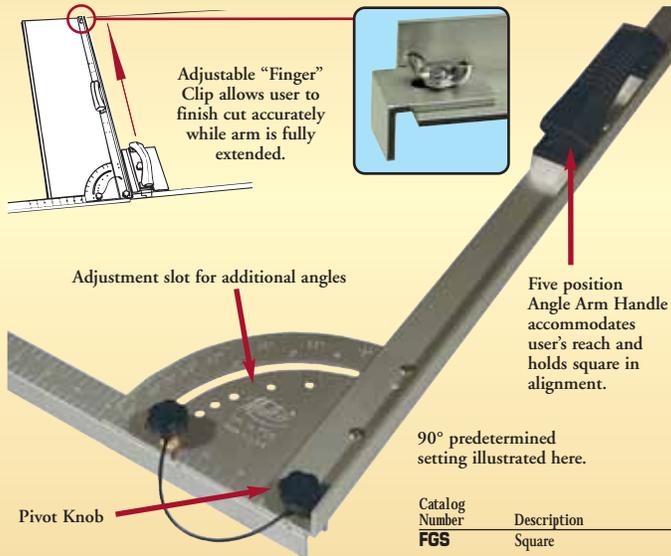
Lay out ductboard as you cut with the FasGroov Fabricating System.

Single tools and full kits available for easy fabrication of all brands of 1" (25.4 mm) or 1-1/2" (38.1 mm) ductboard.

Malco's patented one-piece layout system incorporates a FasGroov Square with distinctive sled-style tools. Offsets built into square and tools allow you to lay out ductboard as you cut. Simply align dimensions on square with edge of previous cut and move across the board.

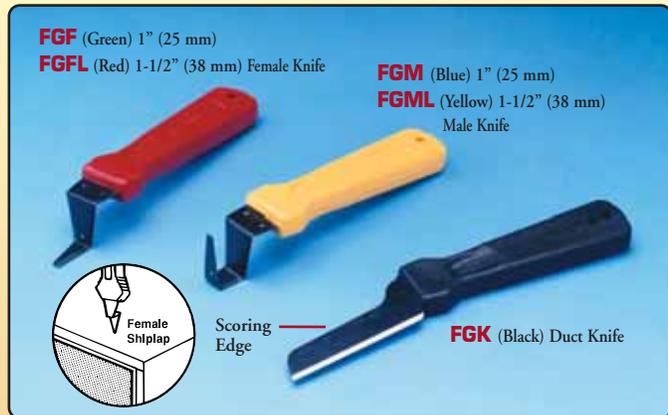
FasGroov Square

Easy-to-use, easy-to-adjust anodized aluminum square.



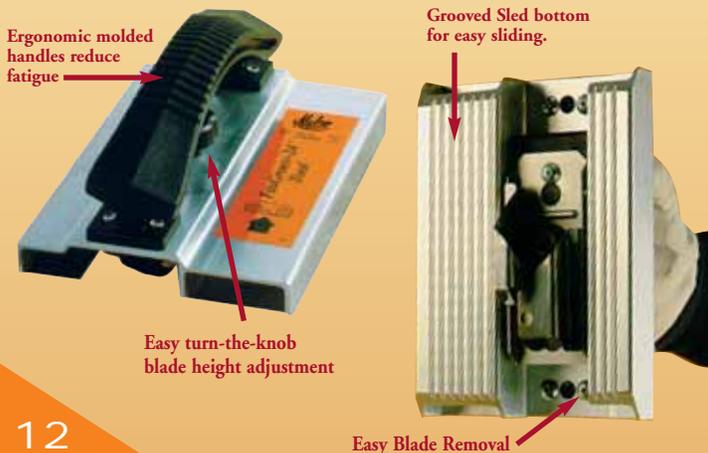
FasGroov Knives

Safer to use with comfortable molded handles. Male and Female Shiplap Knives for 1" (25.4 mm) and 1-1/2" (38.1 mm) ductboard can be used on closed duct sections. Duct Knife features a rounded scoring edge to cut fiberglass without tearing skin. Plus, Malco's No. FG1 Hole Cutter and a special 1-1/2" (38.1 mm) blade No. KBHC are available separately for creating flex duct take-offs.



FasGroov Hand Tools

Anodized aluminum sled-style tools for 1" (25.4 mm) and 1-1/2" (38.1 mm) ductboard. See page 13 for individual tool numbers and kits.



Catalog Number	Description
SHIPLAP KNIVES FOR 1" (25.4 MM) BOARD	
FGF	Female Shiplap Knife (Green)
FGM	Male Shiplap Knife (Blue)
SHIPLAP KNIVES FOR 1-1/2" (38.1 MM) BOARD	
FGFL	Female Shiplap Knife (Red)
FGML	Male Shiplap Knife (Yellow)
DUCTBOARD KNIFE	
FGK	Duct Knife (Black)





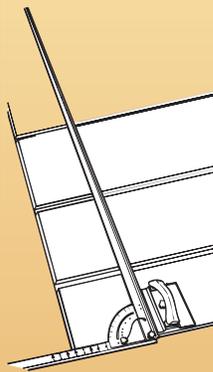
HVAC-Tools of the Trade

FasGroov Hand Tools

	1" (25.4 mm) SILVER TOOLS		1-1/2" (38.1 mm) GOLD TOOLS	
	Catalog Numbers		Catalog Numbers	
	Tools	Repl. Blade	Tools	Repl. Blade
#1 GRAY #1 Female Shiplap	FGV1	FGV1RB	FGL1	FGL1RB
	(12.7 mm) 1/2"		(19.1 mm) 3/4"	
#2/4 DARK ORANGE #2/4 R. Hand Shiplap	FGV24	FGV24RB	FGL24	FGL24RB
	(1.6 mm) 1/16"		(3.2 mm) 1/8"	
#3 ORANGE #3 L. Hand Shiplap	FGV3	FGV3RB	FGL3	FGL3RB
	(1.6 mm) 1/16"		(3.2 mm) 1/8"	
#5 BLUE #5 Staple Flap	FGV5	FGV5RB	FGL5	FGL5RB
		CUT		CUT
VEE RED Vee-Groove	FGV	FGVRB	FGLV	FGLVRB
	(44.5 mm) 1-3/4"		(66.7 mm) 2-5/8"	
	1/8" (3.2 mm)		1/8" (3.2 mm)	
#6 TAN #6 Shiplap Trim Tool				

Use #6 Tool to shorten length of duct section, by measuring from outside edge of material to be scrapped. Available for 1-inch board only.

Catalog Number	Description	Repl. Blade Number
FGV6	#6 Shiplap Trim Tool	FGV6RB



FasGroov

Kits



See preceding page for description of FGS Square

Kits for 1" (25.4 mm) Ductboard

Shiplap Kit #FGSLK - Silver Hand Tools



Includes: FGS Square and tools listed above plus FGK, FGM and FGF Knives and #6 Tool FGV6 in Tool Case.

Vee Kit #FGVK



Includes: FGS Square and tools listed above plus FGK, FGM and FGF Knives and #6 Tool FGV6 in Tool Case.

Kits for 1-1/2" (38.1 mm) Ductboard

Shiplap Kit #FGSLKL - Gold Hand Tools



Includes: FGS Square and tools listed above plus FGK, FGML and FGFL Knives in Tool Case. Order FGSLKLW for Shiplap Kit WITHOUT Square.

Vee Kit #FGVKL



Includes: FGS Square and tools listed above plus FGK, FGML and FGFL Knives in Tool Case. Order FGVKLW for Vee Kit WITHOUT Square.



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)
N1	13/16 (20.6)	30°	8 (203)	16 (454)

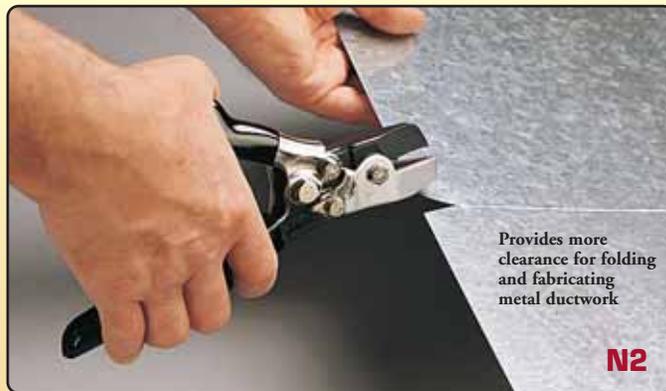
CAPACITIES

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



Provides more clearance for folding and fabricating metal ductwork

N2

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 in. (mm)	Net Wt. oz. (g)
N2	1 (25.4) Notcher	17 (482)

Replacement Spring for Hand Tools

5018 Fits N1, N2, SL1 and SL2 (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

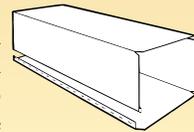
Jaws	Variable Leverage Ratio High/Low Throughout Stroke
Investment Casting with Carbon Steel Shell	6.6 to 1.0 - 7.0 to 1.0

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)
SL1	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)
SL2	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:

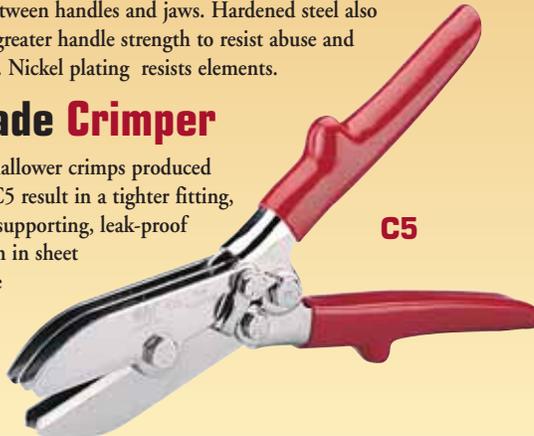
A superior compound leverage mechanism offers maximum ease of operation. Comfortable opening, spring-actuated handles, and vinyl cushioned grips, give additional comfort and control.

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)
C5	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)
C6	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)
SC3	1-1/4 (31.8)	9 (229)	14 (397)

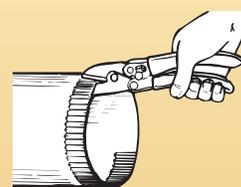
CAPACITIES

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)
SC1	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.



DS1

DS2



HVAC-Tools of the Trade

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)

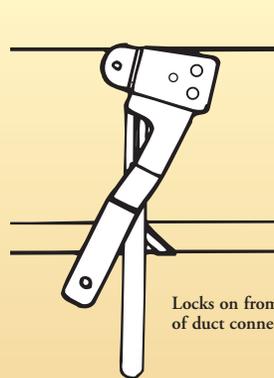
REPLACEMENT PARTS FOR DS1, DS2, DS3

Catalog Number	Description
DS1C	Replacement wheels, nuts & screws (2 ea.)



RELATED ITEMS
Pipe and Duct Holders
See page 17

Locking Duct Stretcher Frees Hands and Frees up Time!



Locks on from either side of duct connection

DS3

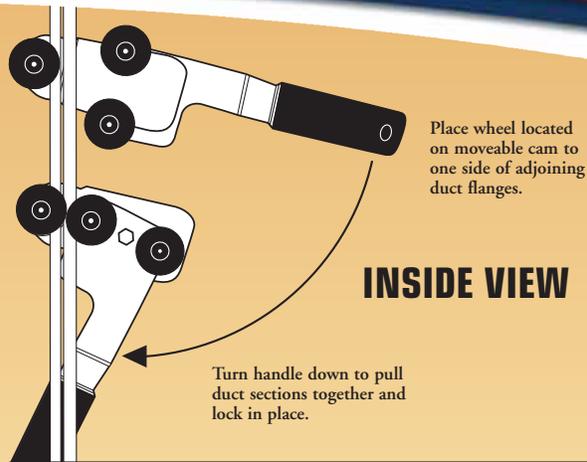
Locking duct stretcher pulls duct sections together and holds them in place while freeing both hands to align and install drive cleats.

The DS3 locks on from either side of duct connection. No need to adjust wheels! 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.



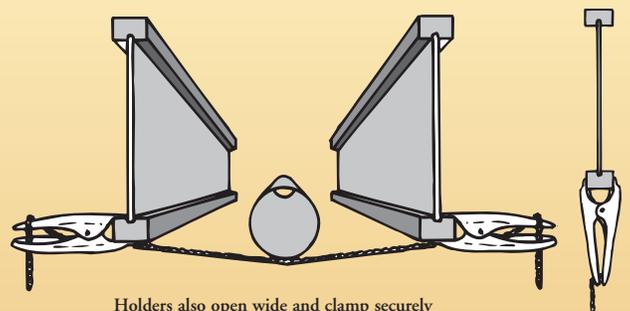
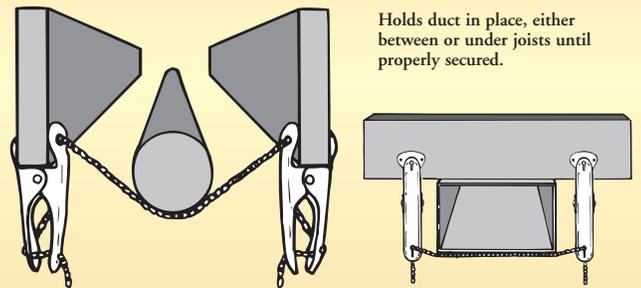
Catalog Number	Description	Length in. (mm)	Net Wt. oz. (g)
DS3	Locking Duct Stretcher	12 (305)	30 (851)

Malco



Pipe & Duct Holders

Like an extra pair of hands!



Holders also open wide and clamp securely for use on Engineered Wood Joists.

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.
2DH	1 pair of clamps and chain	4 (1.22)	125



28 Gauge Dampers

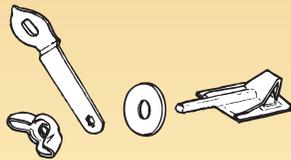
1/4" (6.4 mm) bearings allow bearing holes to be made in round duct with the use of a scratch awl. Squeeze pipe so that it is oval shaped. Insert damper into pre-punched bearing hole(s). Pipe will spring back to round when released. Secure with wing nut(s) provided. Damper may be adjusted with screwdriver 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).

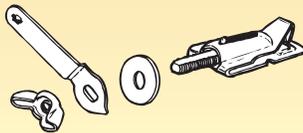
DR25 Single Bearing / Fixed

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



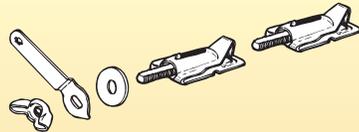
DR69 Single Bearing / Spring Loaded

- Contents: 1 spring bearing
• 1 inside washer
• 1 handle • 1 wing nut



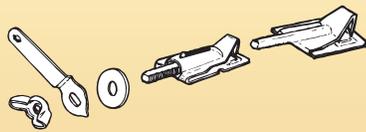
DR70 Double Bearing

- 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
D5100	5 (127)	single
D6100	6 (152)	single
D6HT100	6 (152)	double
D7HT100	7 (178)	double
D8HT100	8 (203)	double

STANDARD DAMPER, HANDLES & WINGNUTS INCLUDED UNASSEMBLED

28 Gauge (0.48 mm) 100 packs

Catalog Number	Pipe Diameter in. (mm)	Bearing
D6NA	6 (152)	single

PRE-ASSEMBLED DAMPERS, HANDLES and WINGNUTS

28 Gauge (0.48 mm) 100 packs

Catalog Number	Pipe Diameter in. (mm)	Bearing
D4AST	4 (102)	single
D5AST	5 (127)	single
D6AST	6 (152)	single
D7AST	7 (178)	single
D8AST	8 (203)	single
D6HTAST	6 (152)	double
D7HTAST	7 (178)	double
D8HTAST	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.

Malco

Hand Seamers with Die-Cast Zinc Jaws



HVAC-Tools of the Trade & Tools of the Trade-Roofing, Siding & Gutter



S5
Compact 5" (127 mm) Jaws with Big 2" (51 mm) Bending Depth

NOT FOR USE ON STEEL

S9
Big 9" (229 mm) Jaws with 2" (51 mm) Bending Depth

Easy Folding Bends without ruining paint finish!



Ideal for making clean and accurate angle bends for aluminum roof flashing, coil stock or fascia. Jaws feature depth graduations in 1/4" (6.4 mm) increments to a maximum 2" (50.8 mm) bending depth. Lightweight die cast zinc jaws with compound handle leverage offer comfort and ease of use on-the-job, even when working from heights. Durable construction offers long, dependable service life under normal use. Tool also features rust resistant nickel plating. Non-slip vinyl grips with hand stops provide added comfort and control. **Malco S5 and S9 Seamers are not warranted for use as a striking tool or for use on ferrous sheet metal.**

Catalog Number	Jaw Depth in. (mm)	Jaw Width in. (mm)	Overall Length in. (mm)	Net oz. (g)	Wt. (g)
S5	2 (50.8)	5 (127)	9 (229)	22	(624)
S9	2 (50.8)	9 (229)	9 (229)	28	(794)

CAPACITIES

Material:	Aluminum	Copper	Stainless Steel	Galvanized Steel	Mild Steel
Inches (mm)	.029 (0.74)	n/a	n/a	n/a	n/a

TOOL SPECIFICATIONS

Jaws	Variable Leverage Ratio High/Low Throughout Stroke
Die Cast Zinc	4.7 to 1.0 - 7.1 to 1.0



RELATED ITEMS
Sheet Metal Hammers
See Page 68

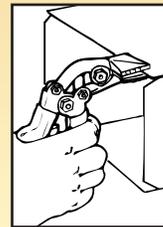
Hand Seamers with Forged Steel Jaws



S3
3-1/4" (83 mm) Jaws with Offset Handles



S2
3-1/4" (83 mm) Jaws



S6
6" (152 mm) Jaws

Precise vee-notched depth graduations on jaws are in 1/4" (6.4 mm) increments. Jaws are drop forged, high impact steel. Hardened steel handles resist abuse. Powerful compound leverage design. Tool also features rust resistant nickel plating. Non-slip vinyl grips with hand stops provide added comfort and control.

3" Hand Seamer

Catalog Number	Jaw Depth in. (mm)	Jaw Width in. (mm)	Overall Length in. (mm)	Net Wt. oz. (g)
S2	1-1/4 (31.8)	3-1/4 (83)	8 (203)	24 (680)

3" Offset Hand Seamer

Works overhead or in confined areas.

S3	1-1/4 (31.8)	3-1/4 (83)	8 (203)	24 (680)
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6" Hand Seamer

Wide 6" jaws produce uniform, accurate bends in sheet steel and non-ferrous metals with greater control and efficiency. Wider jaws also minimize buckling and bowing of metal. Fewer strokes are required to bend and straighten angles. Designed for all the metal trades, including HVACR installation, roofing and siding applications and commercial building and remodeling.

S6	1-1/4 (31.8)	6 (152)	8 (203)	30 (851)
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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
High Carbon Steel Forgings	4.7 to 1.0 - 7.1 to 1.0

REPLACEMENT SPRING FOR HAND TOOLS

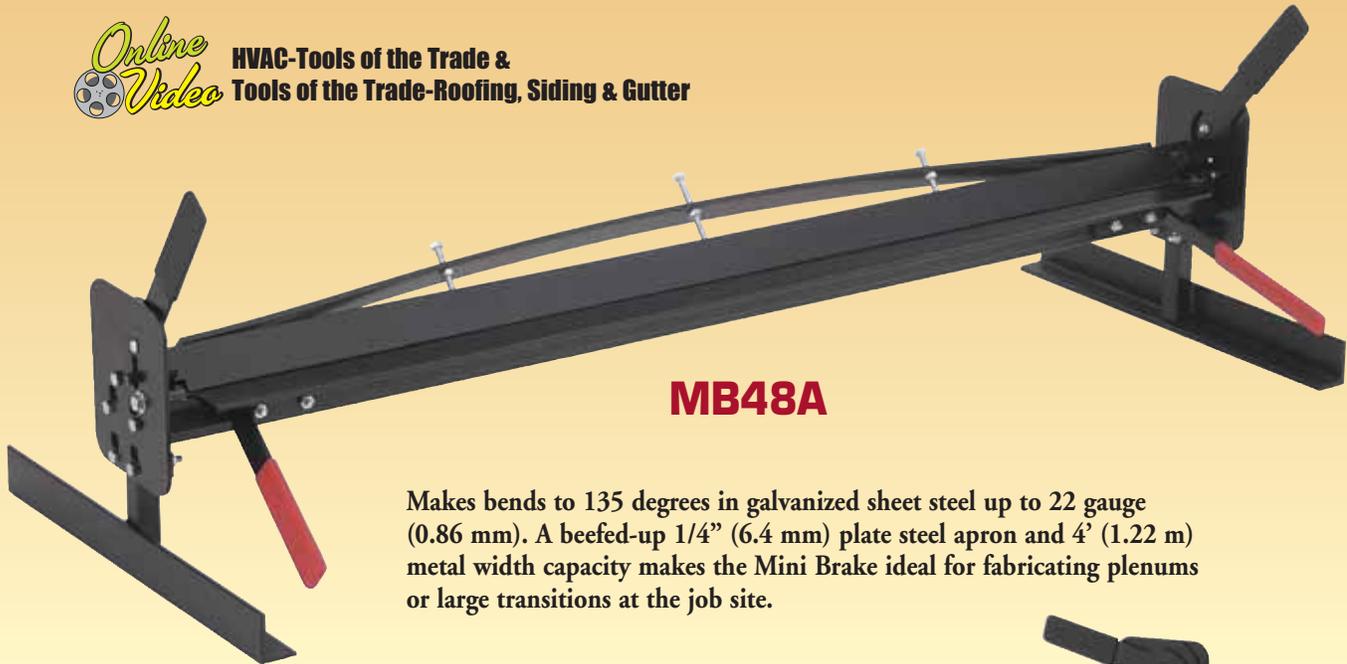
5018 Fits C4, C5, FCN, JCC, JCC50, JCC75, N1, N2, NHP1, S2, S3, S5, S6, S9, SC3, SL1, SL2 AND SL8



PORTABLE

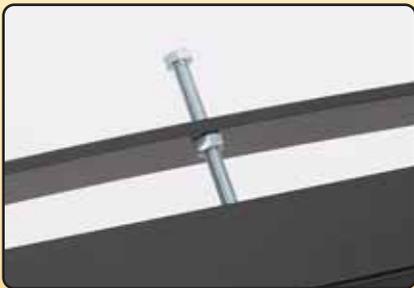


HVAC-Tools of the Trade &
Tools of the Trade-Roofing, Siding & Gutter



MB48A

Makes bends to 135 degrees in galvanized sheet steel up to 22 gauge (0.86 mm). A beefed-up 1/4" (6.4 mm) plate steel apron and 4' (1.22 m) metal width capacity makes the Mini Brake ideal for fabricating plenums or large transitions at the job site.



A 1/4" (6.4 mm) plate steel apron and adjustable strengthening ribs on anvil assure uniform bends across width of material.

Common 5/16" course-thread adjustment bolts on anvil are factory set and are also easily adjustable in the field as necessary.



MBL

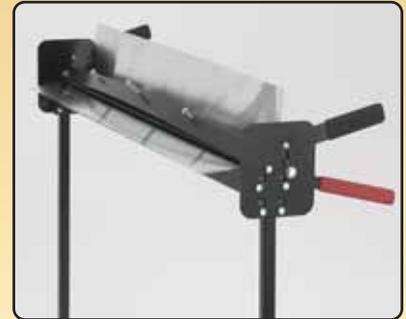
Optional Leg Kit

Legs are sold separately and are easily installed in the field.

Mini-Brake™



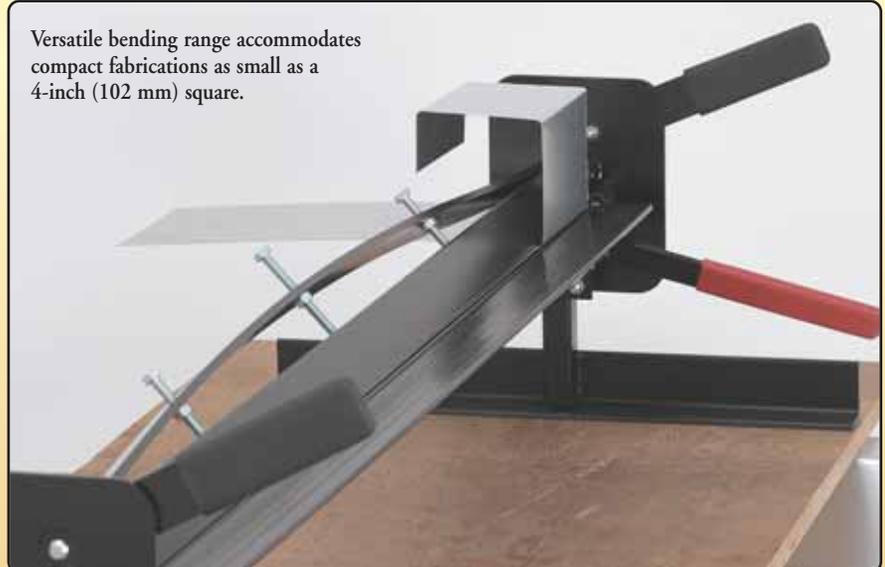
Compact size makes the Mini Brake suitable for use virtually anywhere on the job site. Extra wide feet offer stability even when operating on a truck tailgate.



The Mini Brake also bends metal roofing components and roof flashing including copper and aluminum.



Accommodates sheet metal up to 4-feet (1.22 m) wide in any length. There is no fixed throat depth to contend with.



Versatile bending range accommodates compact fabrications as small as a 4-inch (102 mm) square.



Dual-direction, cam-over style clamps keep anvil secure in any position. This safety conscious feature prevents anvil from free falling or creating a pinching hazard.

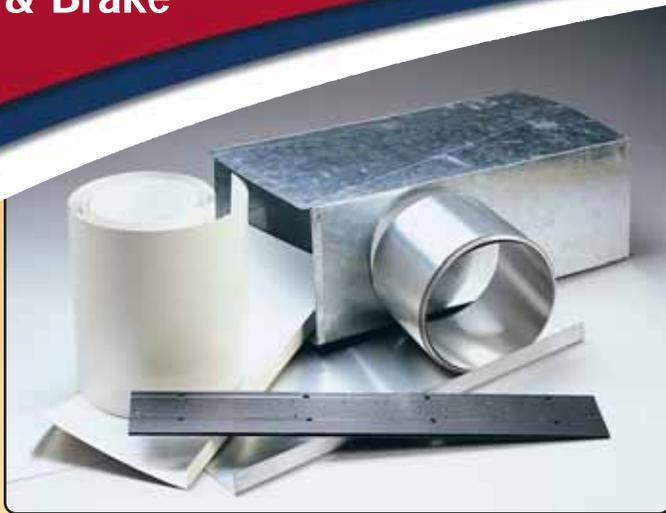
Catalog Number	O/A Width ft. (m)	Min. Hem Bending Depth in. (mm)	Net Wt. lbs. (kg)
MB48A	4 (1.22)	1/2 (12.7)	72.00 (32.66)
MBL Optional Leg Kit			18.00 (8.17)

CAPACITIES

Material:	Stainless Steel 24-Gauge	Galvanized Steel 22-Gauge	Mild Steel 20-Gauge
Inches (mm)	.024 (0.61)	.034 (0.86)	.036 (0.91)

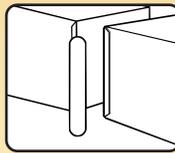


Seamers, Folding Tools & Brake



Folding Tools

Folding seams are formed from two steel halves, permanently joined together. Handy sight holes assure proper depth alignment.



3/8 in. (9.5 mm) and 1" (25.4 mm) folding depths

24F



18F



12F



No. 12F —12" (305 mm) long tool is ideal for HVAC applications such as 3/8" (9.5 mm) folds for drive cleats and big 1" (25.4 mm) deep folds for joist panning, plenums, register boots, trunk line end caps and more.

**Longer, No. 18F 18" (457 mm) tool assures a uniform fold.
Extra long No. 24F 24" (610 mm) tool may also be used as a mini brake by siding applicators.**

Catalog Number	Folding Depths in. (mm)	Width in. (cm)	Net Wt. oz. (g)
12F	3/8 (9.5), 1 (25.4)	12 (31)	20 (425)
18F	3/8 (9.5), 1 (25.4)	18 (46)	31 (879)
24F	3/8 (9.5), 1 (25.4)	24 (61)	42 (1191)

3/8" (9.5 mm) and 1/2" (12.7 mm) folding depths.

8



12



Catalog Number	Folding Depths in. (mm)	Width in. (cm)	Net Wt. oz. (g)
8	3/8 (9.5), 1/2 (12.7)	8 (20)	12 (340)
12	3/8 (9.5), 1/2 (12.7)	12 (31)	18 (510)

Adjustable Folding Tool



9A

Quickly adjusts from 1/4" (6.4 mm) to 1-1/2" (38.1 mm) folding depths



Folds trim coil and aluminum siding.



Folds galvanized sheet metal up to 26 gauge (0.56 mm).

Malco's No. 9A Adjustable Folding Tool easily folds edges of aluminum siding, trim coil and lighter gauges of sheet metal up to 26 gauge (0.56 mm). The 9A quickly adjusts from 1/4" to 1-1/2" (6.4 mm to 38.1 mm) folding depths in 1/4" (6.4 mm) increments. The adjustment mechanism is completely hand operated; there are no loose parts or extra tools to contend with. A compact 3-1/4" x 9" (83 x 229 mm) size provides easy leverage for any folding depth.

The tool also features a handy hang hole for workbench applications, or stores easily in a tool box. Fully hardened steel plate construction and corrosion resistant black zinc coating assures long service life.

Catalog Number	Folding Depths Range in. (mm)	Width in. (cm)	Net Wt. oz. (g)
9A	1/4 to 1-1/2 (6.4 to 38.1)	9 (23)	19 (539)

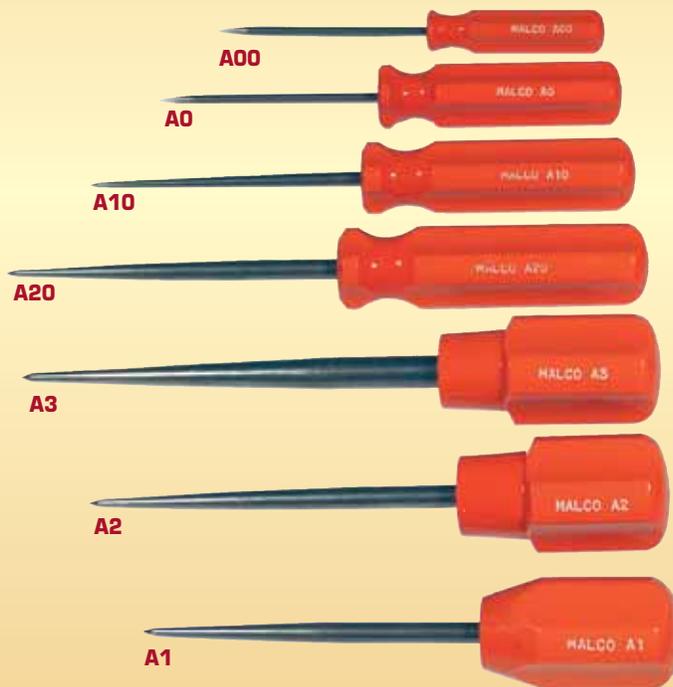


HVAC-Tools of the Trade & Tools of the Trade-Roofing, Siding & Gutter





Scratch Awls



Use to scribe lines on metal, plastic and a variety of other materials. Pierce holes in wood, plastic, leather, - even light gauge metal. Blades are high carbon, alloy tool steel fully polished to resist rust. Blade tapers to a fine point and may be resharpened many times. Easy-to-spot orange handles are shock and shatter resistant. Shallow fluted handles with large end bearing surface provide a sure, comfortable grip. User has choice of large diameter or regular grip handles.

Catalog Number	Nominal Blade Diameter		Blade Length	O/A Length
	Regular Grip Handle	Large Diameter Handle		
A00		1/8 (3.2)	3 (76)	5-1/2 (140)
A0		1/8 (3.2)	3 (76)	6-1/4 (159)
A10		3/16 (4.8)	3-3/4 (95)	7 (178)
	A1	7/32 (5.6)	3-1/2 (89)	5-3/4 (146)
A20		1/4 (6.4)	4 (102)	7-3/4 (197)
	A2	1/4 (6.4)	4 (102)	6-1/4 (159)
	A3	3/8 (9.5)	5 (127)	7-1/2 (191)

Carbide Tipped Scriber

Always a Sharp Point.



A50

Solid carbide tip for scribing fine lines on hardened steel as well as glass, ceramics, plastics or sheet metal. Retractable tip is easily replaceable. Tool has handy pocket clip. Carbide tip assures long service.

Catalog Number	Description
A50	Carbide Tipped Scriber with retractable point.
A50R	Replacement Carbide Tip.

POCKET SIZE

Sheet Metal Scribe



A40

Five teeth produce 10 scribing depths.

Compact scribe stores in pocket, pouch or tool box.

Use hang hole or magnet to keep handy on-the-job.

Scribe commonplace trim lines on galvanized sheet metal quickly and accurately. Ten pre-set scribing depths from 1/8" to 1" (3 to 25 mm). Each scribing depth size features a dual edged point to create clean, readable and accurate score lines parallel to the edge of the metal sheet. Corrosion resistant finish and etched-in dimensions are readable for life of tool. Packaged in a clear vinyl, reusable pouch for storage in pocket, pouch or tool box.

Catalog Number	Scribing Depths
A40	1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8", 1" (3.2, 4.8, 6.4, 9.5, 12.7, 15.9, 19.1, 22.2, 25.4)



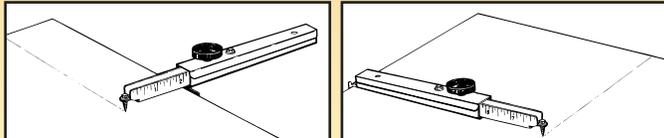


HVAC-
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the Trade

Adjustable Sheet Metal Scriber



A60



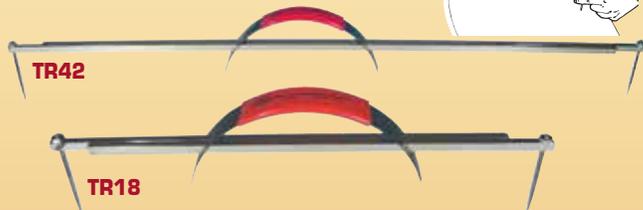
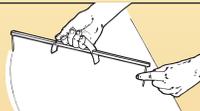
Measure, mark and scribe trim lines on sheet metal in one easy operation. Set desired trim depth on the 1/8" (3.2 mm) graduated scriber extension and tighten knob. The stop at the end of the scriber sleeve glides along edge of work as a 6 x 3/8" sheet metal screw point scribes a clean, hard line. Adjustable from 1/4" to 12-1/2" (6.4 to 318 mm) depths. Rotate the scriber extension and knob end to end for depths larger than 6-1/2" (165 mm). The use of a common sheet metal screw makes point replacement practical and economical. Pocket size tool is constructed of rust resistant nickel plated steel. Knob assembly with hardened steel bolt insert will not strip out.

Catalog Number	Minimum & Maximum Adjustments inches (mm)	Net Wt. oz. (g)
A60	1/4" to 12-1/2" (6.4 to 318)	10 (284)

REPLACEMENT PARTS

12027 Replacement Knob

Trammel Points



Two sizes handle a variety of layout applications. The TR42 expands to a big 42" (107 cm) radius (84" diameter). The compact TR18 expands to 18" (46 cm) and stores in most tool boxes. All steel construction. Points are resharpenable and also replaceable. Telescoping arms are nickel plated to resist corrosion. Handle features a comfortable vinyl grip.

Catalog Number	Radius Min. in. (mm)	Radius Max. in. (cm)	O/A Storage Lgth in. (cm)	Net Wt. oz. (g)
TR18	7 (178)	18 (46)	12 (31)	4 (113)
TR42	12 (305)	42 (108)	24 (61)	7 (199)

REPLACEMENT PARTS

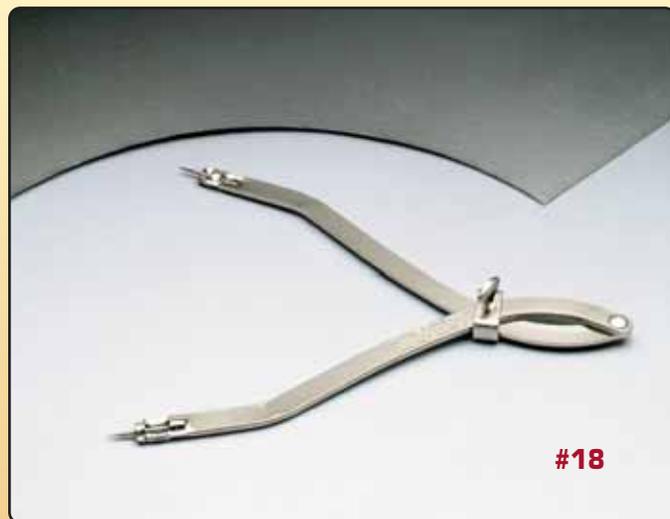
TRP 1 pair replacement points

Dividers



#24

#18



#18

Accurate and fast adjusting. Two sizes for circles up to 32" (107 cm) and 42" (81 cm). Points are easily resharpened or replaced. Nickel plated steel body.

Catalog Number	Description in. (mm)	Length in. (cm)	Net Wt. oz. (g)
#18	Maximum diameter circle 32 (813)	11 (28)	7 (199)
#24	Maximum diameter circle 42 (1067)	13-1/2 (34)	9 (255)

REPLACEMENT PARTS

RP2 Replacement points for #18 and #24
10018 Thumb Screw



HC1

HC2

GOLD STANDARD HOLE CUTTERS and CUTTER BITS

Longest Lasting • Fastest Cutting Operation • Easiest Adjusting

Distinctive gold Bits, Bearings and Pivot Pin signify the longest lasting, fastest cutting, easiest adjusting solution for cutting holes in sheet metal. Malco Hole Cutters quickly install into the chuck of any corded or cordless drill as small as 1/4" (6.4 mm). Lightweight aluminum frames make these accessories extremely portable for a variety of hole cutting applications in sheet metal including 20-gauge (1.02 mm) galvanized steel. A compact model HC1 Hole Cutter is adjustable for making 2 to 12" (51 to 305 mm) diameter holes. The larger HC2 model cuts 2 to 20" (51 to 508 mm) holes. A combination English/Metric diameter gauge is included on the adjustable pivot slide for both models and both models use the same mill-type Cutter Bit and replacement parts.



No. HC1
2"-12" (51-305 mm)
Diameters



No. HC2
2"-20" (51-508 mm)
Diameters

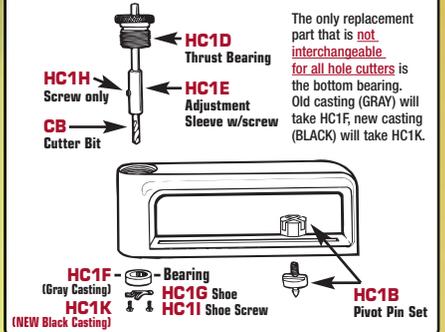


REPLACEMENT CUTTER BIT

CATALOG NUMBER	DESCRIPTION
CB	Mill type cutter bit for HC1 & HC2
CBB	6 Pack of Cutter Bits



REPLACEMENT PARTS for HC1 and HC2



GOLD STANDARD HOLE CUTTERS

CATALOG NUMBER	HOLE DIA. IN. (MM)	CAPACITY	NET WT. oz. (g)
HC1	2-12 (51-305)	20 ga.	16 (454)
HC2	2-20 (51-508)	20 ga.	22 (624)

CAPACITIES

MATERIAL:	ALUMINUM	COPPER	STAINLESS STEEL	GALVANIZED STEEL	MILD STEEL
	22 GAUGE	22 GAUGE	18 GAUGE	20 GAUGE	18 GAUGE
Inches (mm)	.054 (1.37)	.042 (1.07)	.030 (0.76)	.040 (1.02)	.048 (1.22)

TOOL SPECIFICATIONS

Cutting Bit	Variable Leverage Ratio
High Speed Steel	High/Low Throughout Stroke
* Recommended RPM 1350	n/a



HCAD



1:1 Gear Ratio

Angle Drive Accessory

Works well with HC1 and HC2 Hole Cutters. May be used to help cut take-off holes in sheet metal ductwork suspended below floor joists or for take-offs from the side of large trunk lines where reaching up and cutting at 90° is desirable.

Catalog Number	Description	Net Wt. oz. (g)
HCAD	Angle Drive Accessory	20 (567)

Fits 1/2" and 3/8" (12.7 and 9.5 mm) electric drills.

Comes with own chuck



Power Assisted Cutters/Shears



HVAC-Tools of the Trade & TurboShear

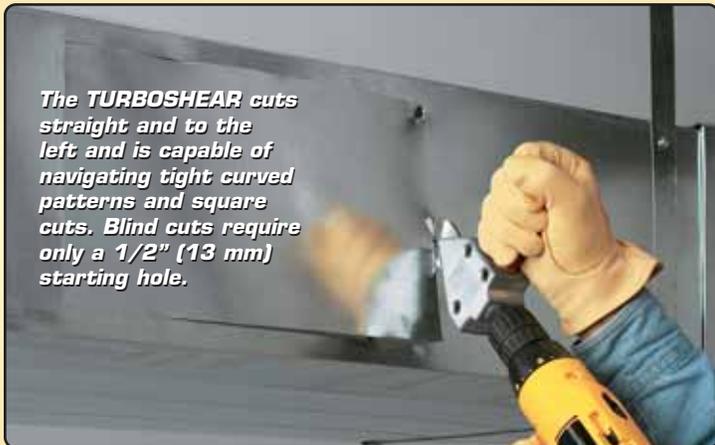


Make your drill a POWER SHEAR-INSTANTLY!

The time-saving **TURBOSHEAR Model No. TS1** inserts directly into the chuck of a standard 1200 rpm A/C or cordless drill. It's that easy to convert your power drill to a power shear!

This rugged but inexpensive accessory cuts straight and to the left and is capable of navigating tight curved patterns and squares in heavy 20-gauge (1.02 mm) galvanized steel. Blind cuts require only a 1/2" (12.7 mm) starting hole. Cutting applications include both ferrous and non-ferrous sheet metals, metal roofing/building panels, vinyl, steel mesh, ductwork, even the thick metal of furnace jackets, equipment enclosures or automotive body panels. An offset design keeps both hands away from work surface. Long-wearing hardened jaws are also replaceable.

For premium performance without the premium price of a dedicated power shear, TURBOSHEAR is an easy addition to every tool box.



The **TURBOSHEAR** cuts straight and to the left and is capable of navigating tight curved patterns and square cuts. Blind cuts require only a 1/2" (13 mm) starting hole.



For best results, be sure to keep the **TURBOSHEAR** blades level with cutting plane, this offset design also keeps hands away from work surface.

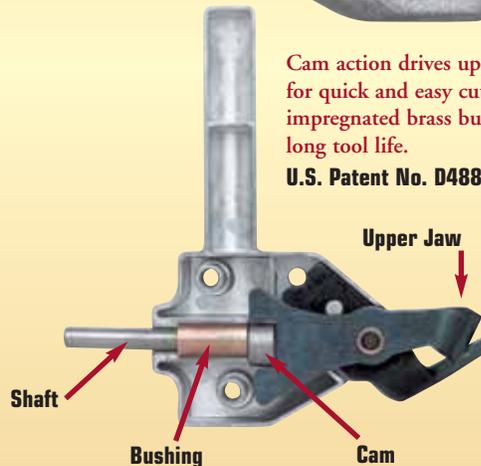
NOTE: Requires two hands to operate. Use TSDC Drill Clamp for one-hand use.



The camshaft of the **TURBOSHEAR** inserts directly into the 3/8" (9.5 mm) chuck of a standard 1200 rpm A/C or cordless drill.

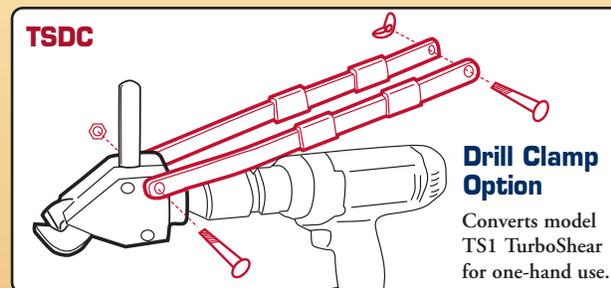


TS1



Cam action drives upper jaw of shear for quick and easy cutting. An oil impregnated brass bushing assures long tool life.

U.S. Patent No. D488,695



Drill Clamp Option

Converts model TS1 TurboShear for one-hand use.

Catalog Number	Description	Net Wt. oz. (g)
TS1	TurboShear	26 (737)
TSDC	Drill Clamp for TS1	8 (227)

REPLACEMENT BLADES

TS1RB	TurboShear Replacement Blades
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CAPACITIES

Material:	Galvanized Steel	Mild Steel
Inches (mm)	20-Gauge .040 (1.02)	18-Gauge .048 (1.22)

RELATED ITEMS

CDR Duct Ripper on page 69





Online
Video
TurboShear

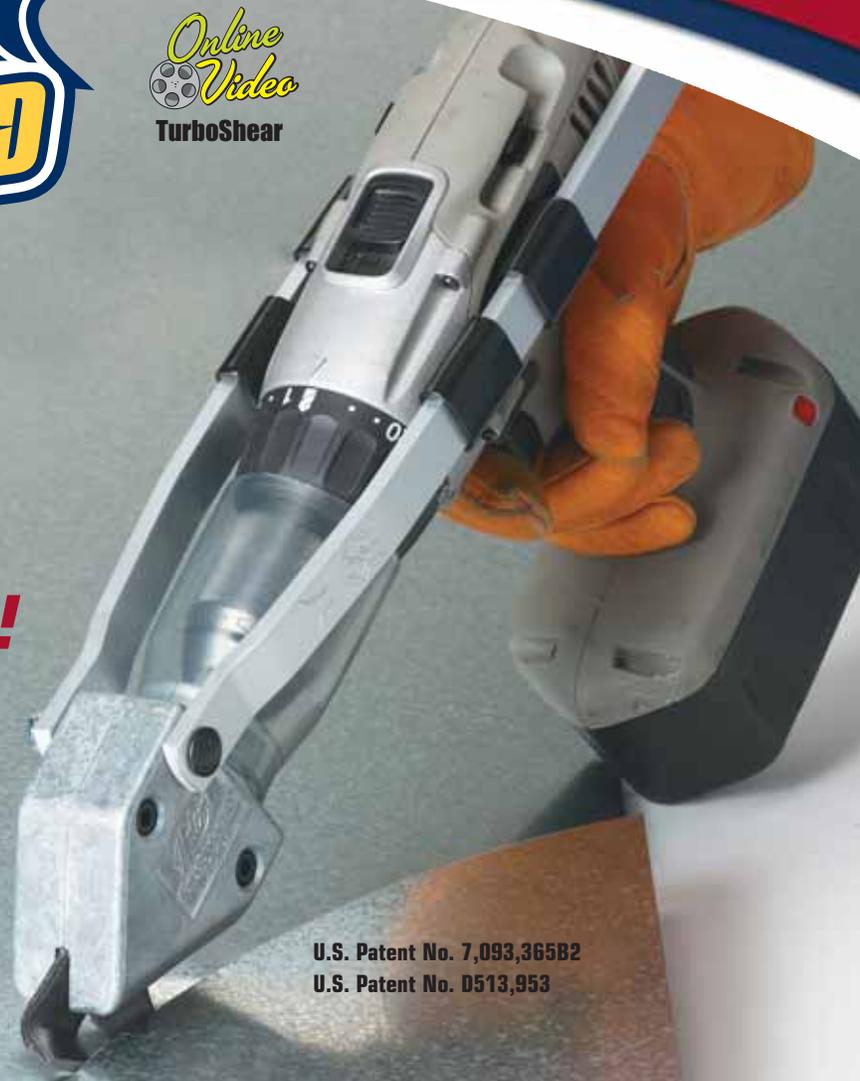
HEAVY-DUTY TURBOSHEAR “HD” EVEN CUTS SEAMS ONE-HANDED!

CAPACITIES:

Heavy-duty jaws and gearing are suitable for cutting 18-GAUGE (1.32 mm) galvanized steel and most other common sheet metals, including 20-gauge (1.02 mm) spiral duct and layered metal seams.

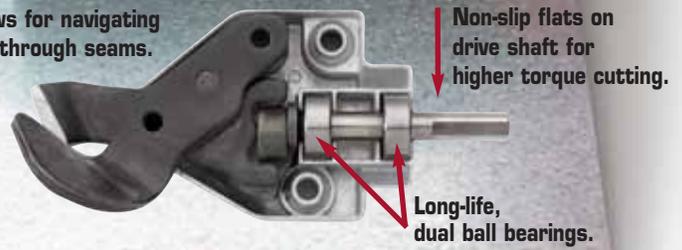
ONE-HAND OPERATION:

- Clamping devise is standard with No. TSHD TurboShear.
- Fits most 14.4-volt or larger A/C or cordless drills.
- Cuts straight and to left.
- Capable of navigating tight curved patterns and square cuts.
- Blind cuts require a 1" (25.4 mm) starting hole.



U.S. Patent No. 7,093,365B2
U.S. Patent No. D513,953

Wider-opening jaws for navigating over profiles and through seams.



- Heavy-duty jaws and gearing are suitable for cutting 18-gauge (1.32 mm) galvanized steel and most other sheet metals.
- Larger, wider-opening jaws also cut through layered metal seams including the ribs of 20-gauge (1.02 mm) spiral duct.
- The TurboShearHD also makes angled crosscuts through profiles of metal building panels and stone coated metal shingles.
- Reposition the TurboShearHD upside down as necessary for greater maneuverability.

Catalog Number	Description	Net Wt. lbs. (kg)	Repl. Blade
TSHD	TurboShear HD	3.94 (1.79)	TSHDRB

CAPACITIES

Material:	Spiral Duct 20-Gauge	Galvanized Steel 18-Gauge	Mild Steel 16-Gauge
Inches (mm)	.040 (1.02)	.052 (1.32)	.060 (1.52)

RELATED ITEMS

Did you know there is a TurboShear for Fiber Cement? See Page 49



Nothing outcuts, *outmaneuvers* or *outlasts* MAX!

Hardened alloy steel blades offer maximum cutting edge life. Superior material flow and lower profile allows maximum maneuverability.



Fast adjusting, long life pivot bolt and nylon locking nut with pressure washer holds desired adjustment even for repetitive use in heavy gauge metal.



Multi-operational latch is accessible from right, left or top and is friendly to right or left hand users.



Comfortable ergonomic handle design maximizes natural power stroke range of an average size hand and allows more efficient full length cut.

MAX[®]
2000



HVAC-Tools of the Trade
& Tools of the Trade- Roofing, Siding and Gutter



MAX 2000

CLASSIC GRIP

with the fit and feel of tradition



MAX FACT: Tips of jaws ground to point allows access in tight quarters.



Catalog Number		Cutting Application	Length of Cut in. (mm)	Grip	Tool Length in. (mm)	Net Wt. oz. (g)
Ergonomic	Classic Grip					
M2001	MAXCG1	Cuts left	1-3/8 (34.9)	RED	10-3/4 (273)	14 (397)
M2002	MAXCG2	Cuts right	1-3/8 (34.9)	GREEN	10-3/4 (273)	14 (397)
M2003	MAXCG3	Cuts straight, left and right	1-11/16 (42.9)	YELLOW	10-3/4 (273)	14 (397)



Max2000 Bulldog Aviation Snips



Catalog Number		Cutting Application	Length of Cut in. (mm)	Grip	Tool Length in. (mm)	Net Wt. oz. (g)
Ergonomic	Classic Grip					
M2005	MAXCG5	Notching and Trimming	1-1/16 (27.0)	RED	10 (254)	13 (367)



Max2000 Offset Aviation Snips



Catalog Number		Cutting Application	Length of Cut in. (mm)	Grip	Tool Length in. (mm)	Net Wt. oz. (g)
Ergonomic	Classic Grip					
M2006	MAXCG6	Cuts sharp left angles, straight line and 5" (125 mm) diameter circles.	1-1/4 (31.8)	RED	10-3/4 (273)	16 (454)
M2007	MAXCG7	Cuts sharp right angles, straight line and 5" (125 mm) diameter circles.	1-1/4 (31.8)	GREEN	10-3/4 (273)	16 (454)

REPLACEMENT COMPRESSION SPRING

M2000S Fits M2001, M2002, M2003, M2005, M2006 and M2007

CAPACITIES • ALL MAX2000 SNIPS

Material	Aluminum	Copper	Stainless Steel 20-Gauge	Galvanized Steel 18-Gauge	Mild Steel 16-Gauge
Inches (mm)	.062 (1.57)	.054 (1.37)	.038 (0.97)	.054 (1.37)	.060 (1.52)



Hand Snips



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& Tools of the Trade-
Roofing, Siding and Gutter

Forged Steel AVIATION SNIPS



Catalog Number	Cutting Application	Length of cut in. (mm)	Grips	Length in. (mm)	Net Wt. oz. (g)
AV1	Cuts left	1-3/8 (35.0)	RED	9-5/8 (245)	14 (397)
AV2	Cuts right	1-3/8 (35.0)	GREEN	9-5/8 (245)	14 (397)
AV3	Cuts straight, left and right	1-1/2 (38.1)	YELLOW	9-7/8 (251)	14 (397)



AV Offset Aviation Snips



RELATED ITEMS

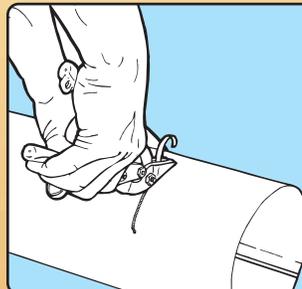
Find the perfect tool for a starter hole.
No. CDR Duct Ripper on page 69

AV6	Cuts sharp left angles, straight lines and tight diameter circles.	1-1/4 (31.8)	RED	9-5/8 (245)	15 (425)
AV7	Cuts sharp right angles, straight lines and tight diameter circles.	1-1/4 (31.8)	GREEN	9-5/8 (245)	15 (425)

CAPACITIES • ALL AV and DOUBLE CUT SNIPS

Material	Aluminum	Copper	Stainless Steel 20-Gauge	Galvanized Steel 18-Gauge	Mild Steel 16-Gauge
Inches (mm)	.062 (1.57)	.054 (1.37)	.036 (0.91)	.052 (1.32)	.060 (1.52)

Offset DOUBLE CUT SNIP



Double cut design is ideal for cutting metal pipe or duct. Double cut design removes a curled strip of metal from path with virtually no surface distortion. Double cut also features adjustable taper ground outer blade. Offset handle design aids maneuverability and also protects user's hands.

Catalog Number	Cutting Application	Length of cut in. (mm)	Grips	Length in. (mm)	Net Wt. oz. (g)
4R	Straight inside cuts	11/16 (17.5)	YELLOW	8-1/2 (216)	14 (397)

NAVIGATORTM

Ultra Lightweight Combination Snip

Fiberglass reinforced, polymer frame with spring return handles. Makes left, right or straight cuts in sheet steel, aluminum, vinyl and other thin materials. Cuts circles down to 6 inches (152 mm) diameter. Inset steel blades offer long service life. Routine light oiling of blades is recommended to resist corrosion. Blades are also easily replaceable.



10 and 12" (25 and 31 cm) Navi-Gator

Catalog Number	Length of Cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)
M2010	2 (50.8)	10 (25)	8 (227)
M2012	3 (76.2)	12 (31)	12 (340)

Replacement Blade M2010RB / M2012RB, Spring M2021S



14" (36 cm) Navi-Gator

Catalog Number	Length of Cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)
M2014	3-1/2 (88.9)	14 (36)	15 (425)

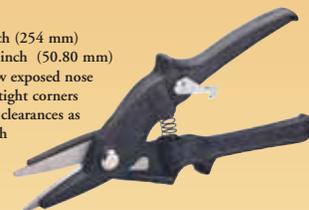
Replacement Blade M2014RB, Spring M2024S

CAPACITIES • ALL NAVIGATOR and ANDY SNIPS

Material:	Vinyl	Aluminum	Copper	Stainless Steel 26-Gauge	Galvanized Steel 24-Gauge	Mild Steel 22-Gauge
Inches (mm)	.055 (1.40)	.035 (0.89)	.023 (0.58)	.018 (0.46)	.028 (0.71)	.030 (0.76)

M2010

Compact 10 inch (254 mm) snip with big 2 inch (50.80 mm) blades. A narrow exposed nose easily cuts into tight corners and operates in clearances as small as 1/2 inch (13 mm).



M2012

12 inches (305 mm) long with 3 inch (76.20 mm) blades. Exposed tips of blades allow easy maneuvering in tight corners.



M2014

14 inches (356 mm) long with fast shearing 3-1/2 inch (88.90 mm) blades.



FORGED STEEL SNIPS



Bulldog Pattern Snip

Big, powerful snip for straight cuts and notches.

Catalog Number	Length of Cut in. (mm)	Tool Length in. (cm)	Net Wt. lbs. (kg)
M15	2-1/2 (63.5)	16-1/2 (42)	3.89 (1.77)



M15



Regular Pattern Snip

For straight cutting and wide curves.

Catalog Number	Length of Cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)
M9	3 (76.2)	12-1/2 (32)	27 (766)



M9



Circular "Duckbill" Snips

Maneuver and cut easily to very tip of blade. Cut sheet metal, aluminum and steel siding, plastics and other thin materials without tearing or catching.

Catalog Number	Length of Cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)
MD10	2-1/2 (63.5)	10 (25)	13 (369)
MD12	3 (76.2)	12-1/2 (32)	27 (766)



MD12



MD10



Hand Snips



AndyTM SNIP

Comfort Grippled Option. For comfort, fit and control in cold, wet or heat.

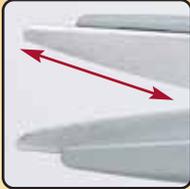
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Lightweight with strength of steel!

Pressure-fit inset blades make field replacement easy!



Full 3" (76.2 mm) cut. Slim nose with extended blade tips reaches into corners.



M12N

M12NG

MC12N

MC12NG

Andy 12" (31 cm) Pattern

Straight shearing, mild curve cuts, and multiple layers of material.

Catalog Number	Length of cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)	Repl. Blade
M12N	3 (76.2)	12 (31)	16 (454)	M12NRB
M12NG Grip	3 (76.2)	12 (31)	20 (567)	M12NRB



Andy 12" (31 cm) Combination

L or R circles to 6" (15 cm) diameter and straight cuts.

Catalog Number	Length of cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)	Repl. Blade
MC12N	3 (76.2)	12 (31)	16 (454)	MC12NRB
MC12NG Grip	3 (76.2)	12 (31)	20 (567)	MC12NRB



Big 14" (36 cm) frame and handle loops with 3-1/4" (82.6 mm) cutting length.

M14N

Larger ungripped handle loops accommodate small, large or gloved hands.

MC14N



Blade tips easily reach into corners.

Sleek head design for greater maneuverability.

Pressure-fit inset blades make field replacement easy!



Andy 14" (36 cm) Pattern

Straight shearing, mild curve cuts, and multiple layers of material.

Catalog Number	Length of Cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)	Repl. Blades
M14N	3-1/4 (82.6)	14 (36)	20 (567)	M14NRB



Andy 14" (36 cm) Combination

L or R circles to 6" (15 cm) diameter and straight cuts.

Catalog Number	Length of Cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)	Repl. Blades
MC14N	3-1/4 (82.6)	14 (36)	20 (567)	MC14NRB



CAPACITIES • ALL ANDY SNIPS and NAVIGATOR

Material:	Vinyl	Aluminum	Copper	Stainless Steel 26-Gauge	Galvanized Steel 24-Gauge	Mild Steel 22-Gauge
Inches (mm)	.055 (1.40)	.055 (0.89)	.023 (0.58)	.018 (0.46)	.028 (0.71)	.030 (0.76)



MV12

NEW

Lightweight 12-inch (31 cm) Combination Snip, with BIG 3-inch (76 mm) cutting depth. A knife-like edge produces a smooth slicing action for cutting thick or layered vinyl and a variety of other flexible non-ferrous materials.



HEAVY VINYL SIDING

ALUMINUM TRIM COIL

THICK LANDSCAPE EDGING



VINYL FLOORING

CARPETING

LEATHER

Catalog Number	Length of Cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)	Repl. Blades
MV12	3 (76)	12 (31)	20 (567)	MV12RB

Andy CLASSIC™ ORIGINAL Andy Snip Styling

Blades are easily replaceable with the use of a common wrench and #2 Phillips driver.



Andy Classic 12" (31 cm) Pattern

Straight shearing, mild curve cuts, and multiple layers of material.

Catalog Number	Length of Cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)	Repl. Blades
M12A	3 (76.2)	12 (31)	17 (482)	M12ARB

For original model M12, use replacement blades M12RB.



Andy Classic 12" (31 cm) Combination

L or R circles to 6" (15 cm) diameter and straight cuts.

Catalog Number	Length of Cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)	Repl. Blades
MC12A	3 (76.2)	12 (31)	17 (482)	MC12ARB

For original model MC12, use replacement blades MC12RB.



Andy Classic 14" (36 cm) Pattern

Straight shearing, mild curve cuts, and multiple layers of material.

Catalog Number	Length of Cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)	Repl. Blades
M14A	3-1/4 (82.6)	14 (36)	22 (624)	M14ARB

For original model M14, use replacement blades M14RB.



Andy Classic 14" (36 cm) Combination

L or R circles to 6" (15 cm) diameter and straight cuts.

Catalog Number	Length of Cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)	Repl. Blades
MC14A	3-1/4 (82.6)	14 (36)	22 (624)	MC14ARB

For original model MC14, use replacement blades MC14RB.



CAPACITIES • ALL ANDY SNIPS and NAVIGATOR

Material:	Vinyl	Aluminum	Copper	Stainless Steel 26-Gauge	Galvanized Steel 24-Gauge	Mild Steel 22-Gauge
Inches (mm)	.055 (1.40)	.035 (0.89)	.023 (0.58)	.018 (0.46)	.028 (0.71)	.030 (0.76)



Roofing Tools: Metal



Metal Roofing
Edge Roller
(MRER)



MRER Edge Roller

Catalog Number	Description	Bending Depth inches (mm)	Net Wt. lbs. (kg)	Replacement Pad
MRER	Edge Roller	5/8" - 4" (15.9 - 102)	8.50 (3.86)	MRERP

The Malco Edge Roller No. MRER makes clean precise bends along the edge of standing-seam metal roofing or metal building panels. The Edge Roller features an English/metric depth scale and is adjustable for 5/8" - 4" (15.9mm - 102 mm) bending depths. Easy-to-adjust thumb screws quickly lock in the stop gauges without the use of tools. Rollers at the ends of stops and a plastic pad at base of tool assure smooth non-marring operation as the tool glides along the length of a panel and gently bends the edge upward with repetitive motions. Long-life roller bearings and a stainless steel body offer long, dependable tool life.



Set the bending depth. Easy-to-adjust thumbscrews quickly lock in the stop gauges without the use of tools.



An English and metric depth scale is adjustable for 5/8" - 4" (15.9 mm - 102 mm) bends.



Slide tool over edge of metal and make a score by gliding tool along full length of panel.



Use repetitive motions to gently bend edge upward. Rollers at the ends of stops and a plastic pad at base of tool assure smooth, non-marring operation.



Long-life bearings and a stainless steel body offer long, dependable tool life.



Tools of the Trade-
Metal Roofing

ER3 3-Station Edge Roller

**Exclusive
3-station
roller design**

assures a uniform bend along
entire length of material.

Outer rollers may travel off material and easily back on to complete bend
because two roller stations can remain aligned on the edge of material.



Quickly adjusts

for making 5/8" to 4" (15.9-102 mm)

bends in 29-22 gauge (0.36-0.76 mm) steel.

The center roller station of the ER3 Edge Roller features a precision English/Metric depth gauge on one shaft leg that, when locked in place at desired setting, accurately aligns the depth of all roller stations. Large, comfortable adjustment knobs hold depth setting securely.

**Also adjusts for making
curved bends!**

The center roller station of the ER3 is also independently adjustable, with outer roller stations retracted and locked, to allow for bending on a curve.

RELATED ITEMS

Check out the TurboshearHD™ on page 27.
For Steel Saw Blade MCCB7 go to page 51



Catalog Number	Description	Bending Depth inches (mm)	Net Wt. lbs. (kg)	Capacity in Mild Steel 22-Gauge in. (mm)
ER3	3-Station Edge Roller	5/8" - 4" (15.9 - 102)	8.50 (3.86)	.030 (0.76)

DEFT

High Leverage Drip Edge Folding Tool



Tools of the Trade-
Metal Roofing

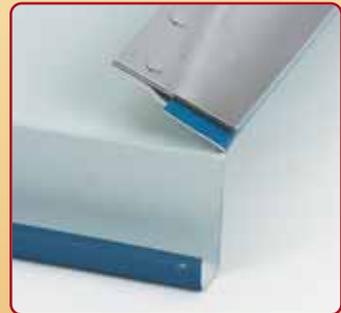
For Quick bends in standing seam panel edges



Durable lightweight steel and aluminum construction with weather-resistant finishes!



Works on installed panels or on a workbench for pre-bending panels.



Catalog Number	Description	Bending Depth in. (mm)	Bending Length in. (cm)	Net Wt. lbs. (kg)
DEFT	Drip Edge Folding Tool	1-1/2 (38.1)	24 (61)	3.65 (1.66)

Makes up to
1-1/2" (38.1 mm)

deep bends along drip
edge of roofing panel.

RELATED ITEMS

For a handy metal roofing tool, check out the
Offset Forged Jaw Seamer S3 on page 19



THE BEAST SHINGLE REMOVER



Tools of the Trade-
Roofing, Siding and Gutter



SB48A

U.S. Patent No. 6,125,720
U.S. Patent No. D439,126

Shingle removal is a beast of a job but now, finally, there's a tool that's up to the task. **THE BEAST** Shingle Remover from Malco makes a tough job bearable. **THE BEAST** cleanly lifts off heavy loads of shingles and pulls nails in one motion. Long handled models are available with either an adjustable head for handling any roof pitch, or a versatile fixed head. Adjustable models also feature fiberglass handles and a choice of 48" (1.22 m) or 58" (1.47 m) tool lengths. All long handled **BEASTS** feature replaceable 10 gauge (3.40 mm) tempered steel blades with variable length teeth. A comfortable D-grip is also standard.



Extra long teeth get under shingles.



Aggressive short teeth pull nails.



Handle those tight spots with a *short handled "Baby" BEAST!* For steep pitched roof caps and hard to get at dormers, overhangs, valley flashing and flashing around structures, this compact tool is indispensable. The short handled BEAST also features extra side slots for pulling out nails along walls and from under trim. One piece steel integral handle is covered with a comfortable foam grip.

FIXED HEAD

Rugged 48" (1.22 m) long all steel BEAST. Durable 10 gauge (3.48 mm) blade is also replaceable. Fixed pitch angle of head is versatile for most shingle removal tasks.



SB48

Steel Handle.
48" (1.22 m)
Tool length.

Variable Length Teeth.

Extra long teeth get under shingles. Aggressive short teeth pull nails.

Replaceable Blades



SB48A

ADJUSTABLE HEAD

3 position head makes this BEAST ideal for handling any roof pitch. • Choice of 48 or 58" (1.22 or 1.47 m) tool length. • Heavy Duty, but lighter weight, fiberglass handle for exceptional balance and control.



Adjustable Position 1 Adjustable Position 2 Adjustable Position 3

Catalog Number	Head	Tool Lgth. in. (m)	Handle	Net Wt. lbs. (kg)	Replacement Blade	Replacement Handle
SB48	Fixed	48 (1.22)	Steel	6.90 (3.13)	SBRB	--
SB48A	Adjustable	48 (1.22)	Fiberglass	7.10 (3.22)	SBRB	SB48ARH
SB58A	Adjustable	58 (1.47)	Fiberglass	7.80 (3.54)	SBRB	--

SHORT HANDED BEAST

For roof cap removal and hard to get at dormers, overhangs, valley flashing and flashing around structures. • Beveled side slots pull out nails along walls and from under trim. • Rugged 1-piece, all-steel construction.

SB24



Durable
Cushion Grip

One-Piece Steel
Construction

Beveled Side Slots



SHORT HANDED BEAST

Catalog Number	Head	Tool Lgth. in. (cm)	Handle	Net Wt. lbs. (kg)	Replacement Blade	Replacement Handle
SB24	Fixed	24 (61)	Steel	2.80 (1.27)	N/A	NA



Hand Held Magnetic Sweep



Comfortable angled handle grip projects magnet forward and to the side of user for handy reach into confined areas yet keeps entire magnetic surface close to ground for efficiently picking up metal debris. Permanent magnets assure long service life and resistance to shock and vibration. Magnets are also replaceable. A contoured quick release sleeve allows debris to be easily removed from tool.



Powerful Magnetic Surface efficiently picks up debris.



Quick Release Sleeve allows debris to be easily removed.

MS12

Hand Held Model features Angled Handle with Cushion Grip.

“Hand held” 12” (31 cm) sweep reaches into confined areas easily.



Catalog Number	Magnetized Sleeve Housing Dimensions in. (mm)	Tool Lgth. in. (cm)	Net Wt. lbs. (kg)
MS12	12 x 1-7/8 x 1-5/8 (305 x 48 x 41)	34-1/2 (88)	5.00 (2.27)

REPLACEMENT PARTS

MS12RK	Magnets
MS12RS	Replacement Sleeve

Wheeled Magnetic Sweeps

Picks up a wide path of nails and other metal debris.



Tools of the Trade-
Roofing, Siding and
Gutter **SWEEPS ONLY**



Rotational Quick Release.

Wheeled Model features T-Handle with Cushion Grips.

MS24WH

"Wheeled" models equipped with collection hoppers are available in 24" and 34" (61 and 86 cm) sweep widths.



Heavy Duty Torsion Spring.



Stainless Steel Axle

U.S. Patent No. 6,113,169

WHEELED MAGNETIC SWEEPS

Wheeled Magnetic Sweeps easily navigate uneven terrain while attracting and retaining metal debris. The 4" (10 cm) diameter magnet housing is designed to freely rotate on a stainless steel axle. There is no need for height adjustment. The cylindrical housing turns slightly as obstacles are encountered to prevent captured debris from being wiped off during use. The Wheeled Sweeps' rotational quick release allows material to be removed from the tool quickly and easily. A heavy duty torsion spring returns magnetic surface of housing to down position after debris is released. A large capacity collection hopper allows multiple releases of debris without having to travel to a common dumping location. Permanent magnets assure long service life and resistance to shock and vibration. Magnets are also replaceable. A T-handle with cushion grips offers superior maneuverability and control. Wheeled Magnetic Sweeps come in 24" and 34" (61 and 86 cm) widths.

REMOVABLE COLLECTION HOPPER

The hopper feature allows multiple releases of debris without having to travel to a common dumping location. The quick release mechanism rotates the cylindrical housing toward a wiper blade that clears debris off the housing and directs it into the large capacity hopper. Filled hopper is easily lifted off the sweeper frame by hand and emptied.



Quick Release rotates housing toward hopper.



Wiper Blade clears debris off housing and directs it into removable hopper.



Magnetic

Powerful Magnets

attract and retain metal debris.

Catalog Number	Magnetized Cylinder Diameter in. (cm)	Width in. (cm)	Hopper Dimensions in. (cm)	Tool Length in. (m)	T-handle Width in. (cm)	Net Wt. lbs. (kg)	Replacement Magnets	Replacement Wiper Blade
WHEELED MAGNETIC SWEEP WITH HOPPER								
MS24WH	4 (10)	24 (61)	25-1/2 x 3-7/8 x 3-3/8 (65 x 10 x 9)	51 (1.30)	18 (46)	22.00 (9.98)	MS24RK	MS24WHRW
MS34WH	4 (10)	34 (86)	35-1/2 x 3-7/8 x 3-3/8 (90 x 10 x 9)	51 (1.30)	18 (46)	28.00 (12.70)	MS34WHRK	MS34WHRW

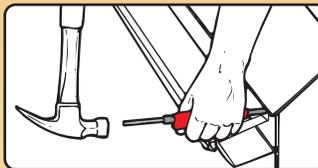




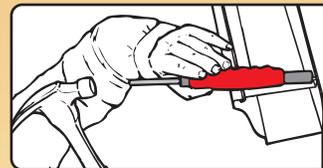
Gutter Nail Driver

Works anywhere to attach gutter to fascia with ease.

Use the Malco Gutter Nail Driver with hidden hangers and 8D galvanized nails to hang aluminum or steel gutters. A non-slip ergonomic grip provides multiple positions for grasping tool and working from above or below roof overhang. Durable 2-piece steel construction plus weather resistant zinc and nickel plating assure long service life of this professional quality tool.



WORKING FROM ABOVE



WORKING FROM BELOW

Catalog Number	Description	Length in. (mm)	Net Wt. oz. (g)
GND	Gutter Nail Driver	7-5/8 (194)	7 (199)

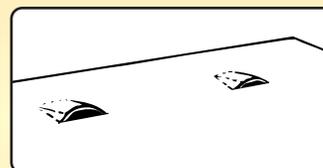
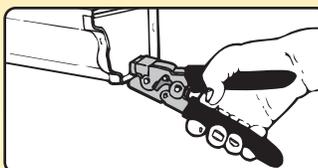


Not Recommended for Heavy Sheet Metal.

Snap Lock Punch

Ideal for crimping end caps on gutter.

Slide adjustment for throat depth allows settings from 1/4" to 5/8" (6 to 16 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)
SL2	1/4 to 5/8 (6.4 to 15.9)	8 (203)	16 (454)



Downspout Crimpers

5 Blade Crimper

Produces a double crimp that downsizes without deforming down-spout; walls stay square for a tight fitting, leakproof connection. Tool also features rust resistant plating. Non-slip vinyl grips with hand stops provide added comfort and resistance to elements.

Catalog Number	Throat Depth in. (mm)	Length in. (mm)	Net Wt. oz. (g)
C4	1-1/4 (31.8)	9 (229)	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

Blades	Variable Leverage Ratio
Carbon Steel	High/Low Throughout Stroke
	7.1 to 1.0 - 9.8 to 1.0

REPLACEMENT SPRING FOR HAND TOOLS

5018 Fits SL2 and C4 (see page 19 for full list.)



Single Crimper

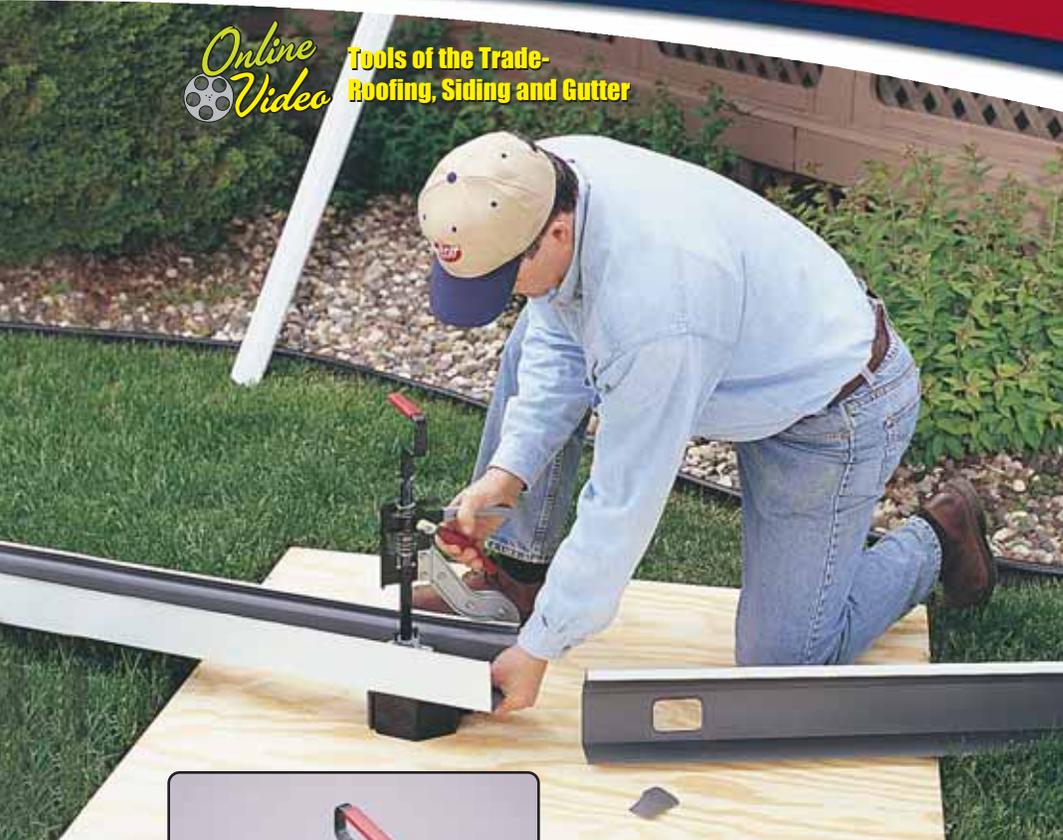
Light Duty tool without grips.

Makes a single crimp for downsizing aluminum downspouts.

Catalog Number	Throat Depth in. (mm)	Length in. (mm)	Net Wt. oz. (g)
SC2	1-1/8 (28.6)	8 (203)	8 (227)



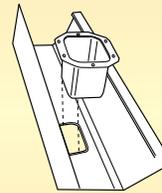
Tools of the Trade-
Roofing, Siding and Gutter



Gutter Outlet Punches

U.S. Patent No. 6,289,709

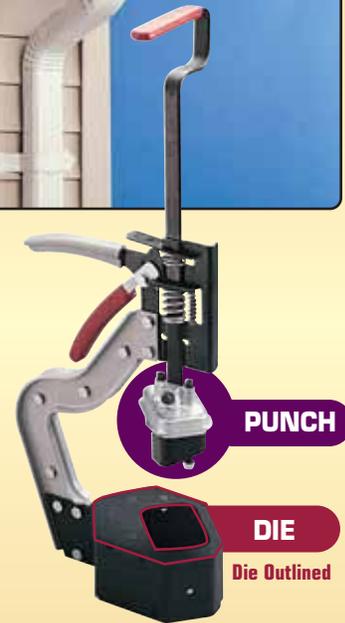
All Malco Gutter Outlet Punch and Dies make clean, accurate hole cuts in .032" (0.81 mm) aluminum gutter. Ample throat clearance allows these lightweight outlet punches to work over the front edge of gutter to quickly line up cuts. Fastener holes are provided in the tool frame base for optional bench mount application. An easy ratcheting mechanism and angled punch-blade provide smooth cutting action. High carbon steel blades on punches assure long service life and are also easily replaceable. Heat treated components and weather resistant finishes provide added tool strength and durability.



GOP23LUK
GOP23UK
GOP34UK



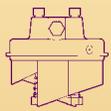
GOP23XUK



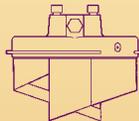
PUNCH

DIE

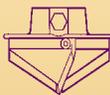
Die Outlined



GOP23UK
GOP23LUK



GOP34UK



GOP23XUK

Malco Gutter Drops

True 2" x 3" (51x76 mm) and 3" x 4" (76x102 mm) dimensions are compatible with Malco's standard GOP23UK and GOP34UK punches.



GD23
2" x 3" (51x76 mm)
drop works with
Malco **GOP23UK**
outlet punch



GD34
3" x 4" (76x102 mm)
drop works with Malco
GOP34UK outlet punch

Catalog Number	Description
GD23	2" x 3" (51 x 75 mm) Aluminum Gutter Drop
GD34	3" x 4" (76 x 102mm) Aluminum Gutter Drop

OVERSIZE DROPS:

Larger nominal 2" x 3" (56x81 mm) drops compatible with the GOP23LUK include:
AMERIMAX • BERGER BROTHERS • BUCHNER MFG. • CLENDON • GUTTER SUPPLIERS
LYNCH ALUMINUM • METALTECH • MATTEO ALUMINUM • PETIT • RAYTEC • US ALUMINUM

TOOL FRAME (Order punch & Die Set Separately)

Catalog Number	Description	Frame Dim's in. (cm)	Net Wt. lbs. (kg)
GOT	Tool Frame	19x10 (48x25)	6.70 (3.04)
GOTRC	Replacement Checks		

PUNCH AND DIE ASSEMBLIES

Catalog Number	Description	Net Wt. lbs. (kg)
----------------	-------------	----------------------

2.2" x 3.2" (56 x 81 mm)

OVERSIZE Rectangular Hole (See list of oversize drops at left.)

GOP23LUK	Punch and Die Assy - Upgrade Kit	2.20 (1.00)
GOP23LRB	Replacement Blade	1.30 (0.60)

2" x 3" (51 x 76 mm) Standard Rectangular Hole

(Works with Malco GD23 and other true 2" x 3" drops.)

GOP23UK	Punch and Die Assy - Upgrade Kit	2.20 (1.00)
GOPRB	Replacement Blade	1.30 (0.60)

3" x 4" (76 x 102 mm) Standard Rectangular Hole

(Works with Malco GD34 and other true 3" x 4" drops.)

GOP34UK	Punch and Die Assy - Upgrade Kit	2.50 (1.13)
GOP34RB	Replacement Blade	1.80 (0.82)

2" x 3" (51 x 76 mm) X-Style

(No drop required. Fasten downspout securely to ears created by X.)

GOP23XUK	Punch and Die Assy - Upgrade Kit	1.90 (0.86)
GOP23XRB	Replacement Blade	



SideSwiper® II

SIDING REMOVAL TOOL
Durable one-piece steel design.
Easy-to-grasp **STRAIGHT HANDLE.**



Tools of the Trade-
Roofing, Siding
and Gutter

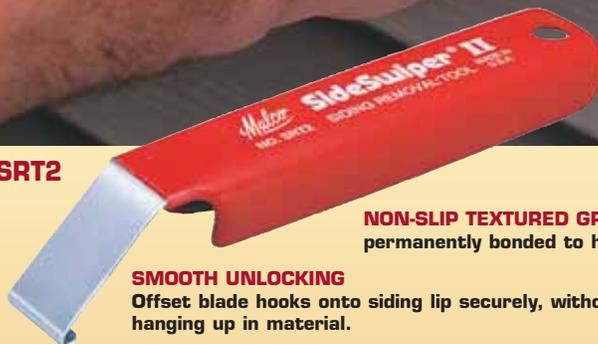


- 1** **INSERTION:**
Wedge tip of blade under overlapping panel and hook onto the back lip of buttlock.
- 2** **UNLOCKING:**
Pulling lip downward, slide the tool along length of panel to unlock and expose nail row of panel to be removed.
- 3** **PANEL REPLACEMENT:**
Lock and nail replacement panel into place. Use tool to relock overlapping panel. Pull down on panel lip and press it into lock of replacement panel below.

Siding
→
CROSS SECTION VIEW

SRT2
→

SRT2



NON-SLIP TEXTURED GRIP
permanently bonded to handle.

SMOOTH UNLOCKING
Offset blade hooks onto siding lip securely, without hanging up in material.

SideSwiper model SRT2 combines the comfort and added leverage of an easy-to-grasp straight handle with the smooth unlocking motion of a burr free hook. The blade of the SRT2 is angled from the bottom plane of the handle and allows the user to keep the wrist straight while keeping knuckles well above the work. Blade surface finishing and plating assures that the sharply angled hook will not cut into the vinyl material or produce shavings.

Additional comfort and control is achieved with a non-slip textured handle grip. The gripping surface will not become slick from moisture, and the form fitting, plastisol dip process bonds the grip for the life of the tool.

Durable one piece spring steel construction is virtually indestructible. A handy oversize hang hole in handle accommodates a 1/4" (6.4 mm) peg hook.

Catalog Number	Description	Length in. (mm)	Net Wt. oz. (g)
SRT2	Siding removal tool	6-1/4 (159)	3 (85)
SRT2B	Siding removal tool bulk (25)		

THE ORIGINAL MALCO

SideSwiper®

SRT1



Wide body and comfortable vinyl gripped handle protects knuckles and offers leverage and control needed for replacing siding panels.

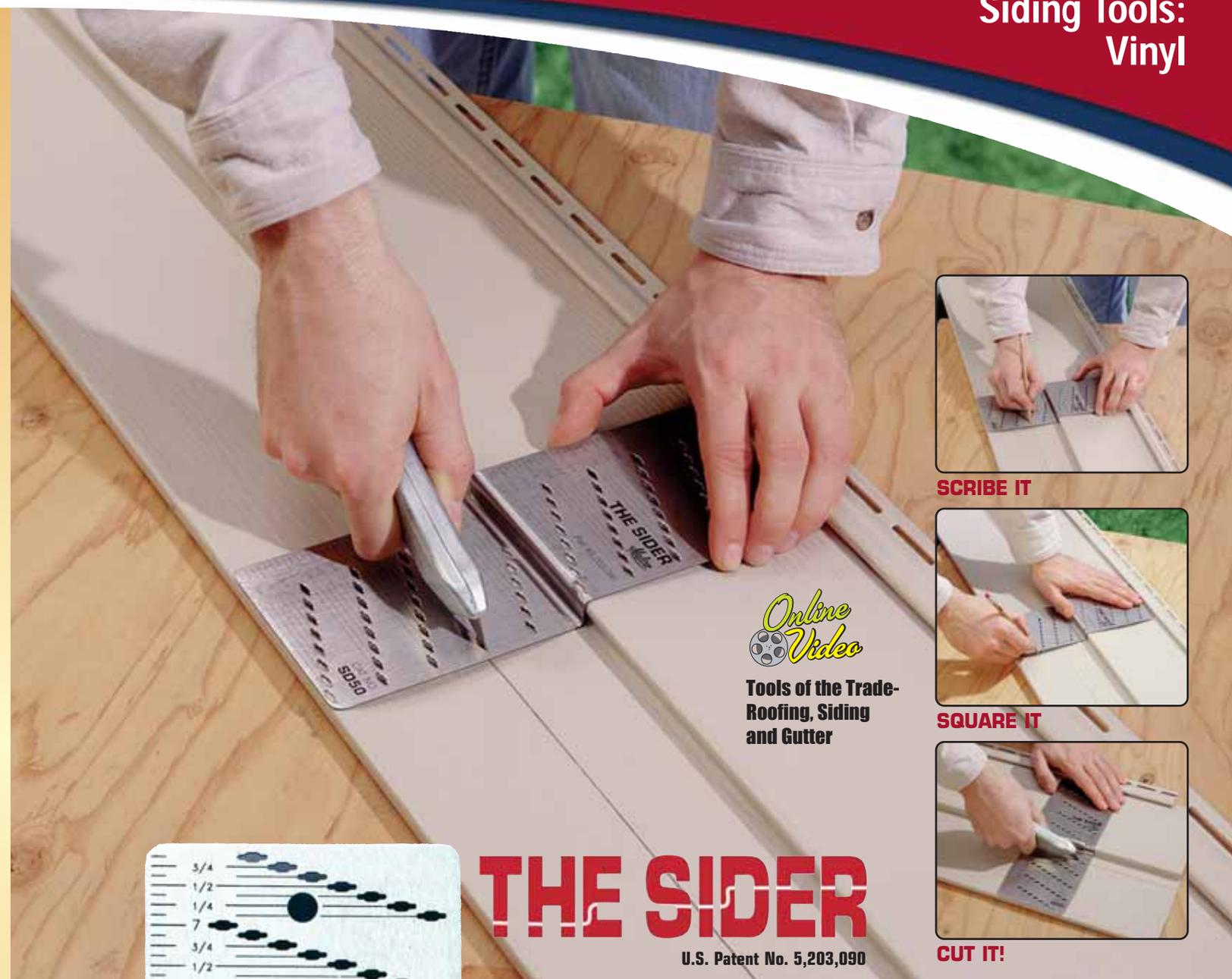
Durable one piece, spring steel construction is virtually indestructible.

Catalog Number	Description	Length in. (mm)	Net Wt. oz. (g)
SRT1	SideSwiper Tool	4-1/4 (108)	1 (28)
SRT1B	SideSwiper Tool bulk (25)		

Siding
→

CROSS SECTION VIEW

SRT1
→



SCRIBE IT



SQUARE IT



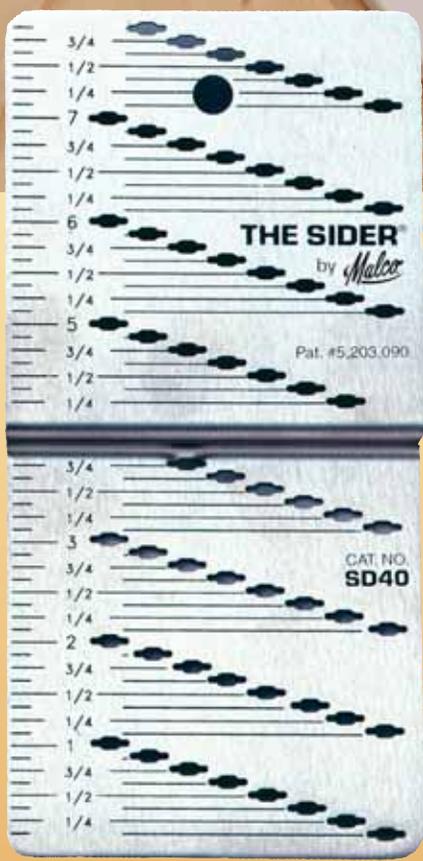
CUT IT!



**Tools of the Trade-
Roofing, Siding
and Gutter**

THE SIDER

U.S. Patent No. 5,203,090



Marking, Cutting Template

THE SIDER Pays for itself on the First job!

Save up to 3 profitable hours on each job with the innovative Sider. It works quickly and accurately, replacing chalk lines, squares and straight edges. **Use it as a scribe or square to mark or score precise lines.** Or go straight to cutting with your utility knife in the precisely marked 1/8" (3.2 mm) holes. **The Sider comes in 5 sizes to match popular siding profiles** and features durable 18-gauge (1.22 mm) stainless steel construction. It's one smart little tool for even the biggest siding jobs.

Choose from 5 Sider sizes to fit most siding panel styles.

Catalog Number	Description	Net Wt. oz. (g)
SD40	Sider Double 4	7 oz. (199)
SD50	Sider Double 5	8 oz. (227)
SDL45	Sider Dutchlap 4-1/2	7 oz. (199)
SDL50	Sider Dutchlap 5	8 oz. (227)
SDT30	Sider Triple 3	8 oz. (227)

SD40 Double 4 4" (102 mm)	SD50 Double 5 5" (127 mm)	SDL45 Dutchlap 4 1/2" (114 mm)	SDL50 Dutchlap 5" (127 mm)	SDT30 Triple 3 3" (76 mm)
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Siding Tools: Vinyl



ALL TOOLS ON THIS PAGE
Roofing, Siding and Gutter



Snap Lock Punches

For Vinyl & Aluminum Siding, Mobile Home Skirting

SL5

Snap lock plastic skirting and siding to finishing trim. Makes tabs in the cut edge of siding panel used as a finishing course at top of wall or below window. Tabs lock into utility trim.* Punch raises a high projection to compensate for natural relaxation of vinyl plastic. It also works well on aluminum siding but is not recommended for steel.

Catalog Number	Throat Depth in. (mm)	Length in. (mm)	Net Wt. oz. (g)
SL5	3/8 (9.5)	9 (229)	12 (340)

***NOTE:** The SL5 should not be used when PERMATABS are required to snap into finished trim. For this application we recommend using the Malco SL1 or SL2 Snap Lock Punch. PERMATABS is a trademark of C & H Enterprises. Not Recommended for use below 32° F (0° C).



SL8 (Designed for Vinyl Only)

For securing vinyl skirting and siding to finishing trim. The SL8 produces wider, more secure locking tab projections. Tabs grip a greater surface area and guard against dislodging due to relaxation of vinyl from heat. SL8 installations also resist blowout during times of high pressure and wind. Constructed of steel stampings and rugged investment cast alloy steel jaws. Nickel plate and black oxide finish with compound leverage design and red vinyl cushion grips. Not Recommended for use below 32° F (0° C).

Catalog Number	Throat Depth in. (mm)	Length in. (mm)	Net Wt. oz. (g)
SL8	1/2 (12.7)	8-1/2 (216)	16 (454)

REPLACEMENT SPRING FOR HAND TOOLS

5018	Fits C4, C5, FCN, JCC, JCC50, JCC75, N1, N2, NHP1, S2, S3, S5, S6, S9, SC3, SL1, SL2 AND SL8
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Nail Hole Slot Punch

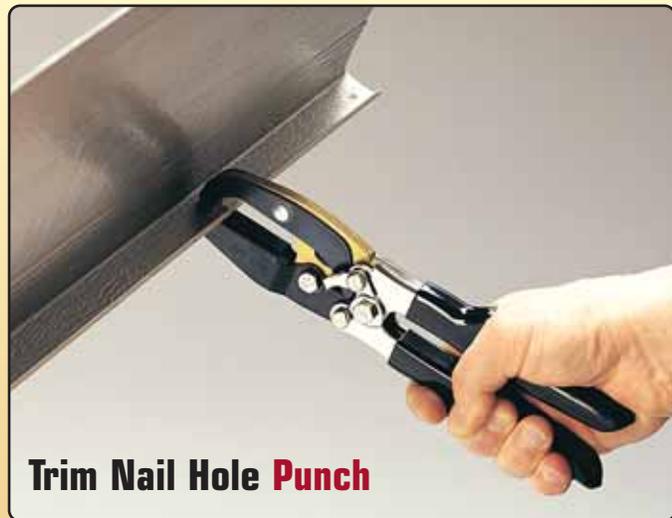
NHP1

The NHP1 punches a generous 5/32" x 3/4" (4.0 to 19.1 mm) horizontal slot for adding or elongating nail holes in vinyl and .019" (0.48 mm) aluminum siding to accommodate irregular stud spacing.

Catalog Number	Slot in. (mm)	Throat Depth in. (mm)	Length in. (mm)	Net Wt. oz. (g)
NHP1	5/32 x 3/4 (4.0 x 19.1)	5/8 (15.9)	8-1/2 (216)	16 (454)

REPLACEMENT SPRING FOR HAND TOOLS

5018	Fits NHP1 and SL8 (see bottom of page for full list.)
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Trim Nail Hole Punch

TNHP

A 1/4" x 1/8" (6x3 mm) slot is absolutely no bigger than what you need for supporting vinyl or aluminum soffit and fascia without risking buckling of material from temperature changes. And a narrow profile head, extra wide opening jaws and a big 2" (51 mm) throat assures that you can make trim nail hole slots exactly where you need them, - not where you see them.

The TNHP punch easily fits inside soffit contours or over the lip edge of fascia. The result is a clean professional installation that is as easy to look at as the tool is to use. Built for long service it features Malco's signature compound leverage handles and comfortable vinyl grips and hand stops. Not recommended for use with some styles of stainless steel trim nails.

Catalog Number	Slot in. (mm)	Throat Depth in. (mm)	Length in. (mm)	Net Wt. oz. (g)
TNHP	1/4 x 1/8 (6.4 x 3.2)	2 (50.8)	10 (254)	18 (510)



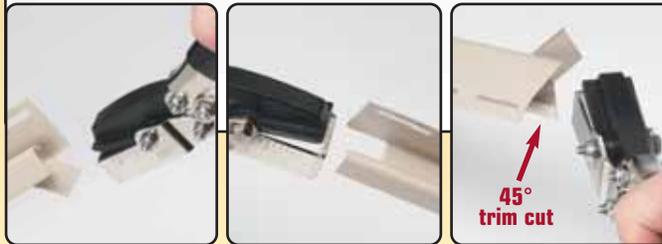
ALL TOOLS ON THIS PAGE
Roofing, Siding and Gutter

J-Channel Cutters



U.S. Patent No. 6,240,764

MAKE DRAIN TABS, downstream NOTCH CUTOUTS & 45-degree miter TRIM CUTS with one tool!



45° trim cut



Use graduations on jaw to gauge cutting depths of 3/8" to 1-1/4" (9.5 to 31.2 mm)



Depth Gauge

Malco J-Channel Cutters are available for 1/2" (12.7 mm), 5/8" (15.9 mm) and 3/4" (19.1 mm) channel. Grips are color coded for easy tool identification. And all Malco J-Channel Cutters feature compound leverage for easy cutting action plus comfortable vinyl grips and hand stops. All steel construction and rust resistant nickel chrome and black oxide finishes prolong the life of these tools.

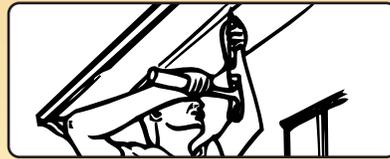
Catalog Number	Description	Grips	Overall Lgth. in. (mm)	Net Wt. oz. (g)
JCC50	1/2" (12.7 mm) J-CHANNEL CUTTER	RED	8-7/8 (225)	16 (454)
JCC	5/8" (15.9 mm) J-CHANNEL CUTTER	BLUE	8-7/8 (225)	16 (454)
JCC75	3/4" (19.1 mm) J-CHANNEL CUTTER	BLACK	8-7/8 (225)	16 (454)

Heavy Duty Trim Nail Punches

TNP2S



TNP2R
with Retaining Clip



Holds nail securely while positioning punch

Drive trim nails into soffit, fascia and other finishing trim without denting or marring material. All-steel nose and aluminum tail piece directs weight of this punch to the working end when grasping or starting a nail. Accommodates up to 1-1/4" (31.2 mm) standard trim nails. Nose fits into 1/2" (12.7 mm) J channel.

Catalog Number	Description	Length in. (mm)	Net Wt. oz. (g)
TNP2S	Trim Nail Punch	8 (203)	6 (170)

Trim Nail Punch with Retaining Clip

For easier nailing from any angle or height, Malco now offers a Trim Nail Punch with an exclusive, "nail retaining clip" feature. Avoid the awkwardness and strain of balancing nails in the nose of the punch or holding back the drive pin while standing on a ladder or reaching out to nail.

The new retaining clip also minimizes scrapes and dents caused by nail slip-page or improper setting depth.

Catalog Number	Description	Length in. (mm)	Net Wt. oz. (g)
TNP2R	Trim nail punch w/clip	6-3/4 (171)	6 (170)
TNP2CL	Replacement nail clip		

MINI-SIZE Trim Nail Punch



TNP3S

Pocket size punch is constructed of hardened steel, the tool will hold and install standard 1-1/4" (31.2 mm) trim nails. Small size allows easy access to recesses of formed trim pieces. Hex collar prevents rolling when tool is set down. Corrosion resistant.

Catalog Number	Description	Length in. (mm)	Net Wt. oz. (g)
TNP3S	Trim Nail Punch	5 (127)	2 (57)
TNP3SB	Trim Nail Punch bulk (24)		
TNP3SH	Trim Nail Punch bulk (100)		

REPLACEMENT SPRING FOR HAND TOOLS

5018 Fits JCC, JCC50, JCC75 (see page 44 for full list.)

RELATED ITEMS

BIG 5" and 9" (127 and 229 mm) Seamers See page 19



Siding Tools: Fiber Cement



Fiber Cement Siding Tools

FCG2 Fiber Cement Siding Overlap Gauges

U.S. Patent No. D525,492

Strong, one-piece
tempered spring
steel construction.

Precision-ground tip
assures gauge will
grip behind siding
plank.



1 pair

- Works with 5/16" (7.9 mm) fiber cement siding.
- Permits 1-person application of siding planks by completely freeing up users hands.
- Two gauges support entire length of plank and precisely gauge a standard 1-1/4" (31.2 mm) overlap in one easy step - - even on a bowed wall.
- No adjustments to vary and nothing to mark.
- Will not mar finish of pre-painted siding.



Place pair of gauges on top edge of lower plank as shown. Rest upper plank against outside face of the gauge stop to accurately space planks, and then nail upper plank approximately 18" (46cm) away from gauge as shown at top of page at right.



Depress thumb tab to allow plank to snap flush to wall and gauge.



Remove gauge by depressing thumb tab again and lifting gauge up and off lower plank, then pulling gauge out from under top plank.



FCFG Fiber Cement Siding Facing Gauge



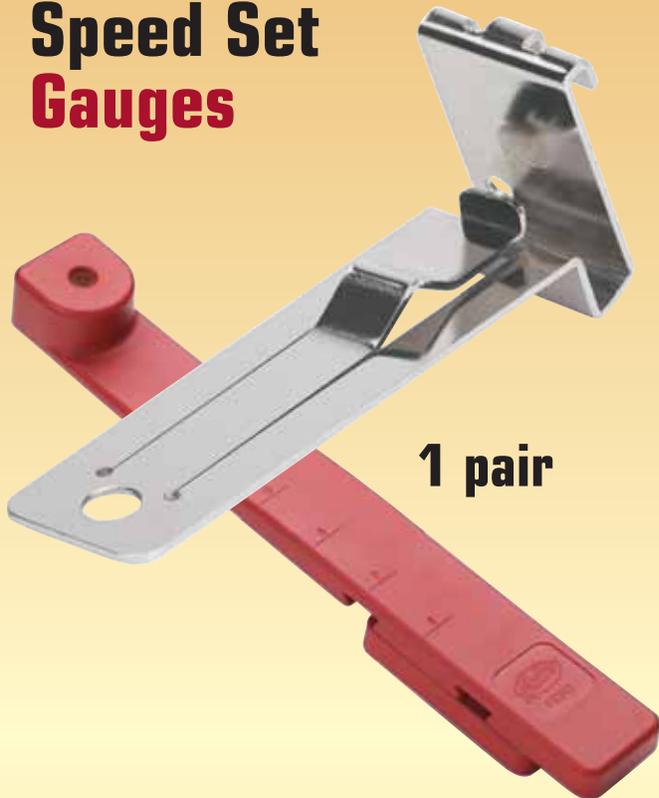
- More accurate and easier to use than home-made wood "preacher" blocks.
- Adjustable for precise 5", 6", 7" or 8" (127, 152, 178 or 203 mm) exposures. Gauging block easily snaps into desired exposure position without use of tools or fasteners.
- Easily held with one hand while steadying new plank for nailing.
- May be used with Overlap Gauge for 1-person application (See No. FCMS Speed Set Gauges).
- Manufactured of tough, long-lasting, weather-resistant nylon material throughout.

Catalog Number	Description	Length in. (mm)	Net Wt. oz. (g)
FCFG	Fiber Cement Siding Facing Gauge	10 7/8 (276)	2 (57)
FCG2	Fiber Cement Siding Overlap Gauges, (Each)	6 (152)	4 (114)



Fiber Cement Siding Tools

FCMS
Speed Set
Gauges



1 pair



SNC
Hidden Nail
Cutter

- Cuts hidden nails without damaging material.
- Saves time and effort when replacing or salvaging siding, thin building materials and windows.
- Flat head with beveled edges easily maneuvers under edge of material and into corners to reach hidden nails.
- Precision-ground, heat treated jaws and compound handle leverage combine to cut up to 16D common nails.



Overlap Gauge

Using the Facing Gauge while nailing across the width of the plank assures greater accuracy of the desired exposure and guards against sagging. The Malco Overlap Gauge is used here like an extra pair of hands to prop up one end of the plank for one-person application.



Catalog Number	Description	Length in. (cm)	Net Wt. oz. (kg)
FCMS	One Facing Gauge and One Overlap Gauge	n/a	n/a
SNC	Hidden Nail Cutter	18 1/2" (47)	28 (794)



Siding Tools: Fiber Cement



Fiber Cement Siding Tools



FCN Fiber Cement Siding Notcher

- Scores and cuts arcs up to 4" (102mm) diameter in 5/16" (7.9 mm) fiber cement siding planks.
- Allows for plumbing, electrical, venting or other outlets to pass through siding plank.



FCS Fiber Cement Siding Snip

- Makes precise arc and trim cuts from any work position **fast and easy.**
- Designed to cut 5/16" (7.9 mm) fiber cement siding plank.
- Heat Treated Alloy Steel Blades for long service life.
- Compound leverage for easy one-hand operation.

Easy as 1, 2, 3!



1
Mark the arc of outlet diameter to be removed from plank.



2
Use Notcher to score along marking to avoid fractures outside arc.



3



Done!

Notcher may then be used to cut all the way through plank along pre-scored line.

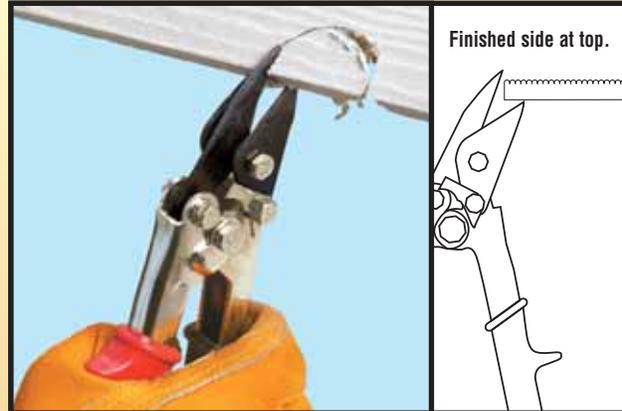
Catalog Number	Description	Throat Depth in. (mm)	Length in. (mm)	Net Wt. oz. (g)
FCN	Fiber Cement Notcher	2-1/2 (63.5)	12 (305)	20 (567)
FCS	Fiber Cement Snip	1 (25.4)	8-1/2 (216)	12 (340)

REPLACEMENT SPRING FOR HAND TOOLS

5018 Fits FCN and FCS (See Page 19 for Full List)

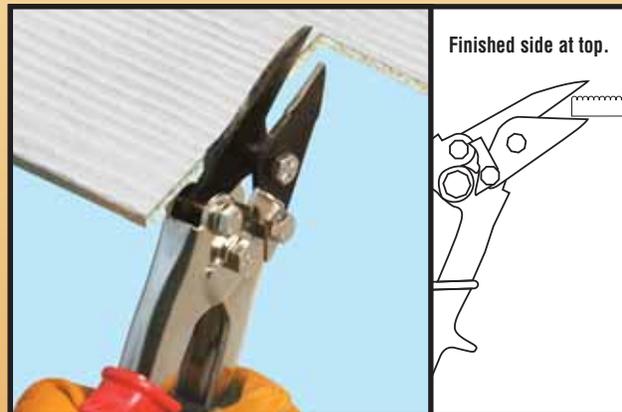
ARC CUTTING POSITION

Capable of cutting down to a 2" (50.8 mm) circle.



STRAIGHT CUTTING POSITION

Capable of trimming 1/8" (3.2 mm) from edge of 5/16-in. (7.9 mm) siding plank.





NEW



Online Video

Fiber Cement Siding Tools

PNEUMATIC FIBER CEMENT SIDING SHEAR

TSF1A

AIR POWER!

90 PSI, 6.2 Bar • 4CFM, 113 L/min

Makes clean, precise cuts in 5/16" (8 mm) Fiber Cement Siding.



45° Clearance



PRECISE ARCS



STRAIGHT SHEARING



FINE TRIMMING



EXTRA FAST, EXTRA CLEAN FIBER CEMENT SIDING SHEAR



Wide skid plate design stabilizes all TurboShearFC models for precise, clean cuts, (including window and door arches), in fiber cement siding up to 5/16" (8mm).



TSF1

Versatile TSF1 TurboShear fits any 14.4 V or larger cordless or standard A/C power drill for easy operation anywhere on the job site.

Now turn your power drill into a "fiber cement shear"! Malco's unique, design attaches to your existing A/C or cordless drill to go where the work is.

Catalog Number	Description	Net Wt. lbs. (kg)
TSF1	TurboShearFC	3.03 (1.37)
TSF1A	Pneumatic TurboShearFC	3.94 (1.79)
TSF1RB	Replacement Blade& Skid Plate	n/a
TSCG	Replacement Chuck Guard	n/a



Fiber Cement Circular Saw Blades with PCD Faced Carbide Tips

For repetitive cuts in fiber cement with power miters or portable circular saws, Malco now offers specialized Circular Saw Blades with **PCD (PolyCrystalline Diamond) faced carbide tips** for longer life.



Fiber Cement Siding Tools

- A lower number of teeth and deeper gullets produce cleaner, more precise cuts resulting in an accurately matched trim edge and tighter seams.

- Perfectly tensioned, hardened tool-steel blade assures a flat true run.



- Available in 7-1/4" (184 mm) 4-tooth, 10" (254 mm) 6-tooth and 12" (305 mm) 8-tooth configurations for use with the full range of circular saw equipment.

FIBER CEMENT CUTTING CIRCULAR SAW BLADES

Catalog Number	Diameter in. (mm)	Teeth	in. (mm) Arbor	RPM
FCCB7	7-1/4 (184)	4	5/8 (15.9)	8300
FCCB10	10 (254)	6	5/8 (15.9)	5870
FCCB12	12 (305)	8	1 (25.4)	5000



WARNING

- Fiber cement contains crystalline silica. Respirable silica contained in cutting dust is known to cause cancer.

Cool Clean Cuts

in metal roofing and metal building panels.



Tools of the Trade- Metal Roofing



Standing Seam Metal Roofing



Metal Building Panels

- Specially formulated, tough C-6 carbide tipped blade fits all popular brands of portable circular saws.
- Lasts up to 30 times longer than abrasive disks for cutting unhardened ferrous metal.
- Makes true, flat cuts in standing seam metal roofing and metal building panels without burning paint or protective coatings.
- Also makes clean cuts in metal studs, light angle iron and thin walled pipe.

STEEL CUTTING CIRCULAR SAW BLADE

Catalog Number	Diameter in. (mm)	in. (mm) Arbor	RPM	Teeth	Capacity in Mild Steel Gauge (mm)
MCCB7	7-1/4 (184)	5/8 (16)	5800	56	16 (1.52)



B725PP 186 Tooth Plywood Finishing: Precision ground for smooth cuts in plywood, siding and plastic materials.



CONTRACTOR GRADE- Hard Chrome Plated Blades Outlast Unplated Steel.

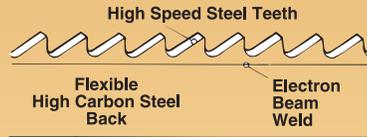
Plywood & Veneer: For clean cuts in plywood, veneer, thin plastics and cellotex.

Catalog Number	Dia. in. (mm)	Arbor	RPM	Teeth
B725PP	7-1/4 (184)	Univ.	5800	186

Catalog Number	Dia. in. (mm)	Arbor	RPM	Teeth
C725P	7-1/4 (184)	Univ.	5800	186



Reciprocating Saw Blades



A Full line selection of Reciprocating Saw Blades
FEATURING: SUPER SHARP and TOUGH
 BiMetal By Malco™

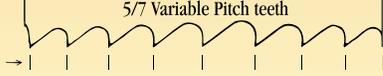
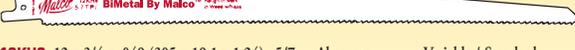
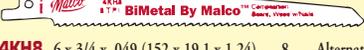
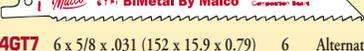
THEY STACK UP BETTER: For wood with nails, metal pipe, angles, and a variety of specialty applications from drywall to drain pipe, BiMetal By Malco stacks up best against the rest. These shatterproof blades are formulated from a premium metal composition consisting of a High Speed Steel cutting edge micro welded to a flexible High Carbon Steel back. Wood Cutting BiMetal blades are available in a wide variety of profiles and tooth combinations to match cutting speed, plus control and maneuverability needed for the job. Wide 3/4" (19.1 mm) profiles on Metal Cutting BiMetal combine with superior manufacturing processes to outperform and outlast all other similar blades in head to head comparisons.

BLADES AVAILABLE IN STANDARD 5 PACKS
 Except where noted.

Catalog Number	Nominal L x W x Thickness inches (mm)	Teeth Per inch (25.4 mm)	Tooth Set	Tooth Form	Cutting Edge	Description /Application
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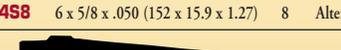
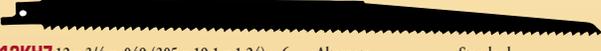
WOOD CUTTING BLADES

BiMetal By Malco™

	4DL6 6 x 5/8 x .050 (152 x 15.9 x 1.27)	6	Alternate	Standard	Milled	DELUXE CONTOUR 4DL6 used for rough-in, contours in wood with nails.
	4KH6 6 x 3/4 x .059 (152 x 19.1 x 1.50)	5/7	Alternate	Variable / Standard	Milled	KEYHOLE PROFILE - VARIABLE PITCH Varied tooth sizes permit an overall coarser pitch for aggressive cutting in wood with nails.
	8KH7 9 x 3/4 x .049 (229 x 19.1 x 1.24)	5/7	Alternate	Variable / Standard	Milled	 4KH6, 8KH7, 12KH8 used for rough-in, mild contours in wood with nails.
	12KH8 12 x 3/4 x .049 (305 x 19.1 x 1.24)	5/7	Alternate	Variable / Standard	Milled	
	4KH8 6 x 3/4 x .049 (152 x 19.1 x 1.24)	8	Alternate	Standard	Milled	KEYHOLE PROFILE 4KH8 produces less vibration, smoother, cleaner cuts in wood with nails, composition board.
	4GT7 6 x 5/8 x .031 (152 x 15.9 x 0.79)	6	Alternate	Standard	Milled	STRAIGHT PROFILE 4GT7 used for smooth cutting in hard and soft wood, composition board.

WOOD CUTTING BLADES

HCS (HIGH CARBON STEEL)

	4S6* 6 x 5/8 x .050 (152 x 15.9 x 1.27)	6	Alternate	Standard	Milled	* Also available in Bulk 25 pack as catalog No. B4S6 SUPREME CONTOUR -FLEAM SHARPENED Teeth are fleam sharpened (alternate ground set) for fast feeding, clean shearing action. 4S6 is fastest cutting blade for rough-in, contours in nail free wood. 4S8 used for rough-in, contours in wood with nails.
	4S8 6 x 5/8 x .050 (152 x 15.9 x 1.27)	8	Alternate	Standard	Milled	
	4KH7* 6 x 3/4 x .049 (152 x 19.1 x 1.24)	6	Alternate	Standard	Ground	* Also available in Bulk 25 pack as catalog No. B4KH7 KEYHOLE PROFILE - FLEAM SHARPENED Teeth are fleam sharpened (alternate ground set) for fast feeding, clean shearing action. 4KH7 used for rough-in, mild contours in nail free wood.
	12KH7 12 x 3/4 x .049 (305 x 19.1 x 1.24)	6	Alternate	Standard	Ground	KEYHOLE PROFILE 12KH7 used for rough-in, mild contours in nail free wood.
	8PWB 8 x 3/4 x .050 (203 x 19.1 x 1.27)	Progr.	Alternate	Variable / Progressive	Ground	PLUNGE CUT TIP - PROGRESSIVE PITCH Smaller teeth near blade shank and larger teeth at tip for faster cuts / longer life. 8PWB is a High Carbon Steel, PROGRESSIVE PITCH blade used for making fast, clean cuts in wood and composite material.

PLASTER BLADE

BiMetal By Malco™

	4P6 6 x 3/4 x .049 (152 x 19.1 x 1.24)	6	Alternate	"V"	Milled	STRAIGHT PROFILE - "V" TOOTH 60° angle "V" tooth cuts on both forward and backward stroke. 4P6 used for continuous cutting in plaster, sheetrock and metal lath.
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GENERAL PURPOSE BLADE

BiMetal By Malco™

	4GT10 6 x 3/4 x .031 (152 x 19.1 x 0.79)	10	Alternate	Standard	Milled	STRAIGHT PROFILE 4GT10 used for cuts in wood with nails or metals under 3/16" (4.8 mm).
	8PAP 8 x 3/4 x .051 (203 x 19.1 x 1.30)	Progr. Wavy	Special Progressive		Milled	PLUNGE CUT TIP - PROGRESSIVE PITCH Smaller teeth near blade shank and larger teeth at tip for faster cuts / longer life. 8PAP is a BiMetal, PROGRESSIVE PITCH blade used for making fast cuts in wood, wood with nails, non-ferrous metals (including aluminum and brass), plastic and fiberglass. This durable blade offers outstanding performance in thick or thin materials.



SELECTION TIPS

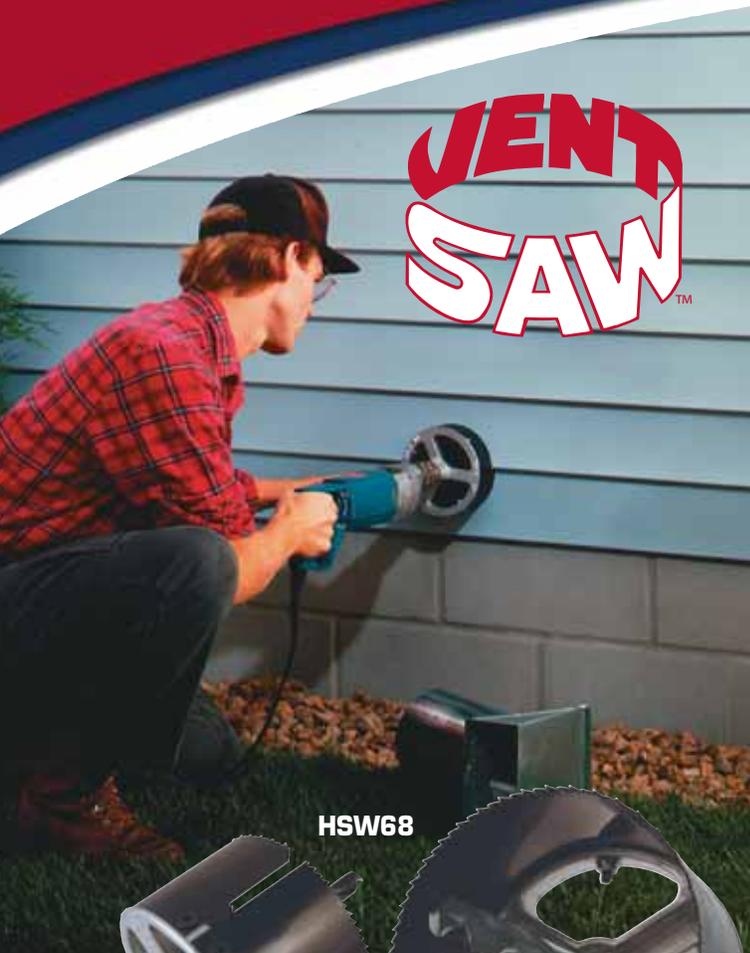
Selecting the right blade for the job is critically important.

Factors that should be considered are:

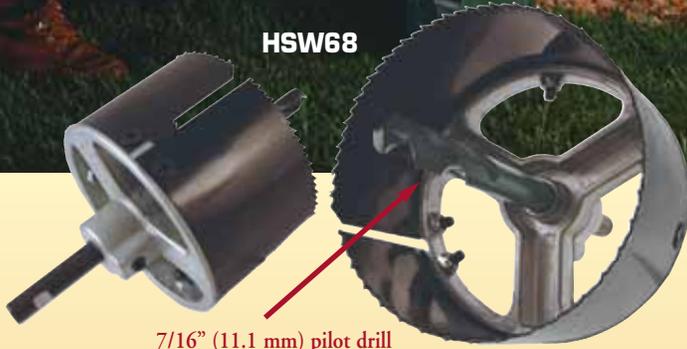
1. Type and hardness of material to be cut, which will determine the tooth form, thickness and material composition of the blade to be used.
2. Size and variation in cross section of stock to be cut which dictates the pitch of the teeth (or teeth per inch) required, tooth set and blade length.
3. Type of cut, whether straight, contour or both will determine blade width.

Catalog Number	Nominal L x W x Thickness inches (mm)	Teeth per in. (25.4 mm)	Tooth Set	Tooth Form	Cutting Edge	Description /Application	BLADES AVAILABLE IN STANDARD 5 PACKS Except where noted.
METAL CUTTING BLADES						BiMetal By Malco™	
						STRAIGHT PROFILE – HIGH SPEED CUTTING	
4TF14	6 x 3/4 x .031 (152 x 19.1 x 0.79)14		Raker	Standard	Milled	4TF14 used for metals, including stainless over 1/8" (3.2 mm).	
						STRAIGHT PROFILE – VARIABLE PITCH	
4TF18	6 x 3/4 x .031 (152 x 19.1 x 0.79)18		Raker	Standard	Milled	4TF18 used for 18 gauge (1.22 mm) to 1/8" (3.2 mm) metals.	
						PLUNGE CUT TIP - PROGRESSIVE PITCH Smaller teeth near blade shank and larger teeth at tip for faster cuts / longer life. 6PMC is a BiMetal, PROGRESSIVE PITCH blade used for making fast, clean cuts in thick or thin material including non-ferrous metals, galvanized sheet metal, copper and steel pipe, and steel and aluminum profiles. This shatterproof blade offers maximum on-the-job performance and long service life.	
3MC24	4 x 3/4 x .031 (102 x 19.1 x 0.79)24		Wavy	Standard	Milled	3MC24, 4MC24 used for metal sheet, pipe, profiles under 18 gauge (1.22 mm).	
4MC24	6 x 3/4 x .031 (152 x 19.1 x 0.79)24		Wavy	Standard	Milled		
9MC10	9 x 3/4 x .050 (229 x 19.1 x 1.27)10/14		Raker	Variable / Standard	Milled	9MC10 used for pipe diameters to 4" (102 mm) O.D. (NOTE: Do not use to cut waste stack.)	
6PMC	6 x 3/4 x .037 (152 x 19.1 x 0.94)		Progressive	Wavy	Variable / Standard / Progressive	Milled	
METAL CUTTING BLADES						HSS (HIGH SPEED STEEL)	
						STRAIGHT PROFILE – HIGH SPEED CUTTING	
4MC14	6 x 5/8 x .031 (152 x 15.9 x 0.79)14		Raker	Standard	Milled	4MC14 used for metals over 1/8" (3.2 mm).	
4MC18	6 x 5/8 x .031 (152 x 15.9 x 0.79)18		Raker	Standard	Milled	4MC18 used for 18 gauge (1.22 mm) to 1/8" (3.2 mm) metals.	
CARBIDE GRIT BLADE						HCS (HIGH CARBON STEEL)	
						STRAIGHT PROFILE – CARBIDE GRIT CUTTING EDGE	
8CG*	8 x 3/4 x .040 (203 x 19.1 x 1.02)---		---	---	Carbide Grit	---	8CG used for soil pipe, cast iron, ceramic tile and brick.





VENT SAW™



7/16" (11.1 mm) pilot drill

Designed for cutting all types of hard and soft wood, and other non-ferrous materials including plywood, composition board and siding.

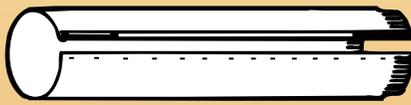
The **Malco VENT SAW™** is indispensable when fitting fresh air intakes through foundation plates, exterior siding or facing materials encountered in residential or light commercial installations of gas or oil fired furnaces.

VENT SAW™ features easily replaceable alloy steel blades and a versatile one piece cast aluminum arbor/mandrel combination with a 7/16" (11.1 mm) pilot drill. The webbed mandrel allows easy plug removal and a built-in arbor eliminates the need for separate arbor attachments.

APPLICATION



Vent Hood



Duct Pipe Application

HSW68 for 4" (102 mm) Duct Pipe and Vent Hood Holes

HSW97 for 6" (152 mm) Duct Pipe and Vent Hood Holes

Catalog Number	Diameter in. (mm)	Depth Of Cut in. (mm)	Replacement Blades
HSW68	4-1/4 (108)	2 (50.8)	RBW68
HSW97	6-1/4 (159)	2 (50.8)	RBW97
HSRD	7/16 (11.1) Replacement Drill		

BiMetal Hole in One™ HOLE SAW

FEATURING:
SUPER SHARP and TOUGH
BiMetal By Malco™

The Hole Saw with the Built-In Arbor!

One piece arbor and hole saw combination eliminates the need for separate arbor attachments. **4/6 VARIABLE PITCH TEETH** milled into high speed steel edge and micro-welded to body.

4/6 Variable Pitch

Teeth milled into high speed steel edge and microwelded to body. Varied tooth size permits an overall coarser pitch for more aggressive cutting.



Arbor

Cap

Weld uniting arbor to cap proven under extreme test conditions.

Shatterproof alloy steel body.



1-9/16" (39.7 mm) Cutting Depth

Malco

BiMetal Hole-in-One Kit

Hole Saw selection, pilot drills, arbor extension and driver (for installing pilot) packaged in durable polypropylene case.



Catalog Number	Description
HSK	Maintenance Hole in One Kit. One each of the following sizes: 2-1/2, 2-1/4, 2, 1-3/4, 1-1/2, 1-3/8, 1-1/8, 7/8 and 3/4". (63.5, 57.2, 50.8, 44.5, 38.1, 34.9, 28.6, 22.2, 19.1 mm) Plus (4) HSB drills, (1) HSX extension arbor shank and (1) stubby driver.

Hole Saw Bit

HSB



Catalog Number	Description
HSB	Hole Saw 1/4" (6.4 mm) Pilot Drill Bit Replacements

Hole Saw Extension

HSX



Catalog Number	Description
HSX	13" (330 mm) Arbor Extension fits Malco VENT SAW® and Hole-in One Hole Saws

BiMetal

Hole in One™ HOLE SAW

Recommended Clearance

Recommended (RPM) Cutting Speed

Catalog Number	Diameter Inches	Pipe (I.D.)		Entr. Size	Tubing (I.D.) Coupling	Entr. Size	Coupling	Mild Steel	Tool and Stainless Steel	Cast Iron	Brass	Aluminum
		mm	Tap Size									
H12	3/4	19.0	-	-	-	3/8	-	460	230	300	600	690
H18	1-1/8	28.6	1	3/4	3/8	-	-	300	150	200	400	450
H22	1-3/8	34.9	-	1	-	-	-	250	125	165	330	375
H28	1-3/4	44.5	1-1/2	1-1/4	-	1-1/2	1-1/4	195	95	130	260	295
H30	1-7/8	47.6	-	-	-	-	-	180	90	120	240	270
H32	2	50.8	-	1-1/2	-	-	1-1/2	170	85	115	230	255
H34	2-1/8	54.0	-	-	-	-	-	160	80	105	210	240
H36	2-1/4	57.2	2	-	1-1/4	2	-	150	75	100	200	230
H38	2-3/8	60.3	-	-	-	-	-	140	70	95	190	220
H40	2-1/2	63.5	-	2	1-1/2	-	-	135	70	90	180	205
H44	2-3/4	69.9	-	-	-	2-1/2	-	125	60	80	160	185
H48	3	76.2	-	2-1/2	2	-	2-1/2	115	55	75	150	170
H50	3-1/8	79.4	-	-	-	-	-	110	55	70	145	165
H56	3-1/2	88.9	-	-	-	-	-	95	45	65	125	145
H58	3-5/8	92.1	-	3	-	-	3	95	45	60	120	140
H64	4	101.6	-	-	2-1/2	3-1/2	3-1/2	85	40	55	115	125
H66	4-1/8	104.2	-	3-1/2	-	-	-	85	40	55	110	120

All sizes feature 4/6 **VARIABLE PITCH TEETH** for aggressive cutting in all machinable materials.



High Tension Hack Saw Frame

HS90



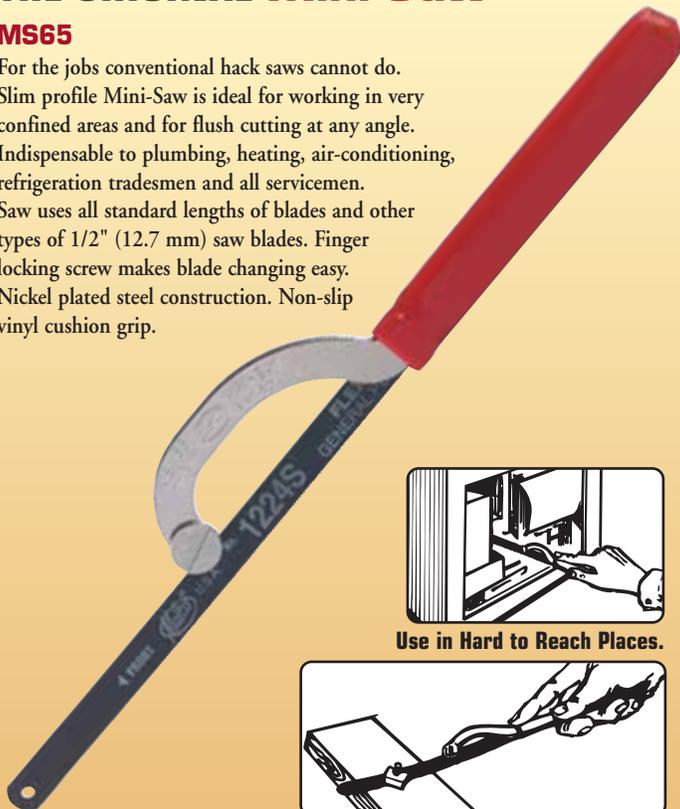
**28,000 PSI Tension
for Easier Cutting and
Longer Blade Life!**

Prevents Bi-Metal hacksaw blade from twisting and binding when cutting. Easy to adjust tension knob. Cast aluminum frame with tubular steel beam is rugged yet lightweight. Comfortable ergonomic handle. Convenient front end grip for better cutting leverage. Extra blades can store in tubular beam. Set screw will secure hacksaw blade or reciprocating saw blade for "jab sawing" in tight spots. Four permanent mounting pins allow both straight cutting and 45° angle for flush cutting.

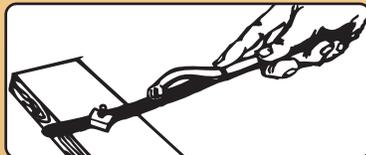
THE ORIGINAL Mini-Saw™

MS65

For the jobs conventional hack saws cannot do. Slim profile Mini-Saw is ideal for working in very confined areas and for flush cutting at any angle. Indispensable to plumbing, heating, air-conditioning, refrigeration tradesmen and all servicemen. Saw uses all standard lengths of blades and other types of 1/2" (12.7 mm) saw blades. Finger locking screw makes blade changing easy. Nickel plated steel construction. Non-slip vinyl cushion grip.



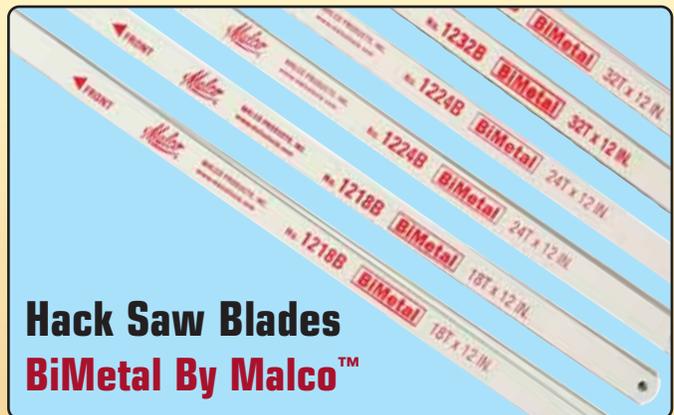
Use in Hard to Reach Places.



Extend and Flex Blade for Flush Cutting.

Catalog Number	Description	Weight oz. (g)
MS65	Mini-Saw	6 (170)

Catalog Number	Description	Throat Depth in. (mm)	Net Wt. oz. (g)
HS90	High Tension Hack Saw frame	4-3/8 - 5 (111 - 127)	26 (737)



Hack Saw Blades BiMetal By Malco™

Shatterproof, versatile combination of high speed steel teeth and flexible carbon alloy back assures cleaner, faster, straighter cuts in any type of material. Out performs, outlasts standard carbon and high speed steel blades.

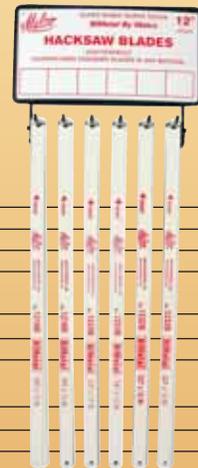
Catalog Number	Length in. (mm)	Width in. (mm)	Teeth Per in. (25.4 mm)	Thickness in. (mm)
1218B	12 (305)	1/2 (12.7)	18	.025 (0.64)
1224B	12 (305)	1/2 (12.7)	24	.025 (0.64)
1232B	12 (305)	1/2 (12.7)	32	.025 (0.64)

HIGH SPEED MOLYBDENUM STEEL

1224F	12 (305)	1/2 (12.7)	24	.025 (0.64)
1232F	12 (305)	1/2 (12.7)	32	.025 (0.64)

GENERAL PURPOSE CARBON STEEL

1218S	12 (305)	1/2 (12.7)	18	.025 (0.64)
1224S	12 (305)	1/2 (12.7)	24	.025 (0.64)
1232S	12 (305)	1/2 (12.7)	32	.025 (0.64)



Utility Knives Side Button Action



3PK

Retractable blade advances to three locked cutting positions with the aid of push button. Lightweight, strong handle is contoured to the hand for easy, controlled use.

Catalog Number	Description
3PK	3 position utility knife (side button)

Top Button Action

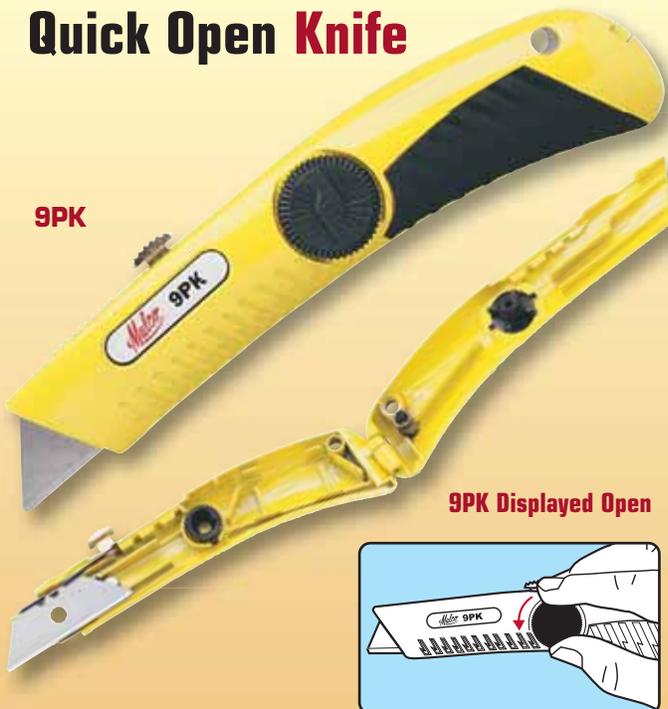


4PK

Die-cast heavy duty model comes complete with 3 double point blades. Safe, easy to operate, thumb action mechanism on top facilitates three cutting positions - fully extended, partially extended for carton opening and intermediate.

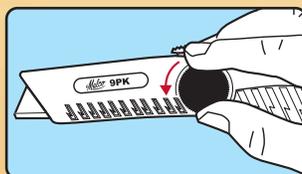
Catalog Number	Description
4PK	3 position utility knife (top button)

Quick Open Knife



9PK

9PK Displayed Open



“No tools” blade change is fast and easy with just a turn of the knob. Extra blades store in handle. Retractable blade advances to 3 locked cutting positions with aid of thumb button. Heavy duty, die-cast knife halves feature “integrated hinge” to eliminate lost or dropped parts. Contoured knife shape features “ergonomic safety grip”. One blade supplied in retracting mechanism.

Catalog Number	Description
9PK	Quick Open Utility Knife

Break-Away Knife

Positive blade locking mechanism and a forever-sharp break-away point. Supplied with 1 heavy duty, 7 point blade in handle.



BAK

Catalog Number	Description
BAK	7 point Break-Away knife

7 Point Heavy Duty Break-Away Blades



BAKRB

10 pack, Break-Away utility blades fit No. BAK Break-Away knife.

Catalog Number	Description
BAKRB	10 pack, 7 point Break-Away blades.

Double Point Utility Blades

Quickly and safely dispense blades. Straight & Hook point blades are available in convenient 50 pack plastic dispenser.



Extra durable, heavy gauge blades fit Malco 3PK, 4PK, 9PK knives & most other brands. Made of special alloy steel, precision ground to a fine cutting edge.



UBS5 (5 pk.)
UBS50 (50 pk.)

Catalog Number	Description
UBS5	Carded 5 pack, Straight Double Point blades
UBS50	Dispenser 50 pack Straight Double Point blades

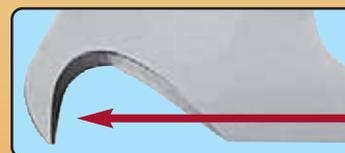
Hook Point Blades

Large hook points work great in multiple layers of asphalt shingles.



UBH5 (5 pk.)
UBH50 (50 pk.)

Catalog Number	Description
UBH5	Carded 5 pack, Hook Point blades
UBH50	Dispenser 50 pack Hook Point blades



LARGE HOOK POINTS



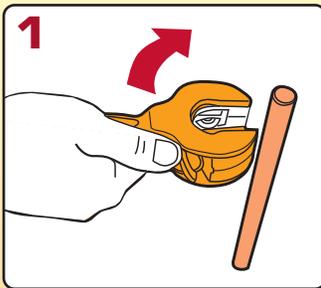
Ratchet Action Tube Cutters

RTC829

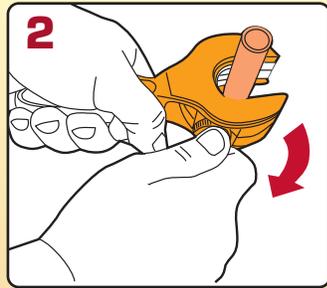


RTC623

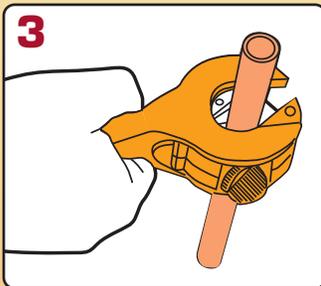
- Self-feeding ratchet motion for easy cutting in close quarters.
- Cuts copper, brass and aluminum tubing as well as thin-walled conduit.



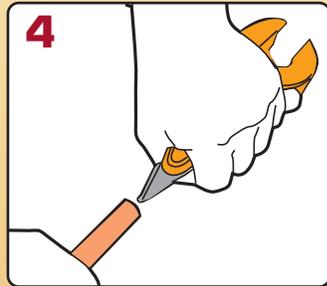
1 Open cutter with thumb knob.



2 Tighten cutting wheel



3 Use back and forth ratchet motion to cut.



4 Remove burrs.

Catalog Number	Description	Cutting O.D. Capacity In. (mm)
RTC623	Medium Ratchet Tube Cutter	1/4 - 7/8 (6.4 - 22.2)
RTC829	Large Ratchet Tube Cutter	5/16 - 1-1/8 (7.9 - 28.6)
RW274	Replacement Cutting Wheel for RTC623, RTC829	

Spare cutting wheel located on outside of handle.



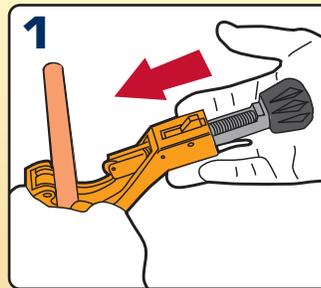
Spring Loaded Tube Cutter



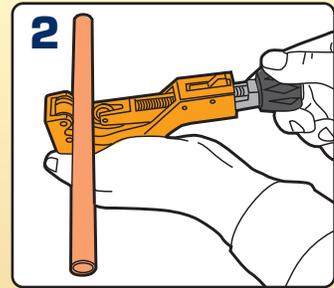
- Fast adjusting with quick-open release after cutting.
- Cuts copper, brass and aluminum tubing as well as thin-walled conduit.



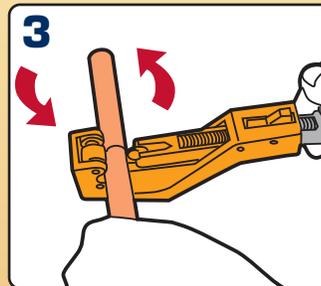
STC650



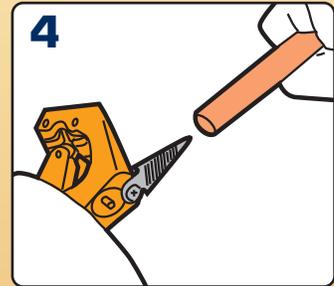
1 Slip into position



2 Tighten cutting wheel



3 Re-tighten with each rotation around tubing



4 Remove burrs.

Catalog Number	Description	Cutting O.D. Capacity In. (mm)
STC650	Spring Loaded Tube Cutter	1/4 - 2 (6.4 - 50.8)
RW274	Replacement Cutting Wheel for STC650	

Spare cutting wheel located under fold-away ream.

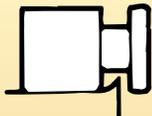


Malco

Tube Cutters



SPARE CUTTING WHEEL INCLUDED
Spare cutting wheel carried under retractable, locking reamer.



FLARE CUT-OFF GROOVE
Groove in roller reduces tube loss when cracked flare is removed.



BALL BEARING FEED
Ball bearing, enclosed feed mechanism provides easier operation, reduces friction.



RETRACTABLE REAMER
Fold away tool steel reamer with turned cutting edge removes inside burrs cleanly. Filing surface removes outside burrs.

For hard or soft copper tubing. Makes clean, right-angle cuts with no burrs or chips to clog tubing. Features ball bearing feed, flare cut-off groove, retractable reamer and spare cutting wheel. Rugged aluminum alloy body is designed for handling ease.

Conforms to federal specification GGG-C771d 1-31-64. Type II, Class 1, Style B.

Catalog Number	Tubing O.D. in. (mm)	Nominal Sizes inches
TC274	1/8 to 1-1/8 (3.2 to 28.6)	1/8 to 1
TC312	1/4 to 1-5/8 (6.4 to 41.3)	1/8 to 1-1/2

REPLACEMENT CUTTING WHEELS

Catalog Number	Description
RW274	Cutting wheel for TC274, TC312, TC174
75046	Cutting wheel for stainless fits TC274, TC312 and TC174
274TCS	Cutting wheel screw for TC274, TC312, TC174



Big Imp™ Tube Cutter



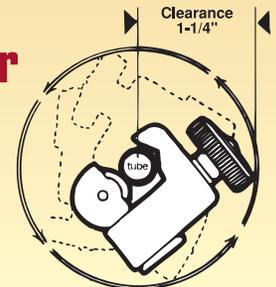
TC174

Compact cutter requires only 1-15/16" clearance, yet accommodates tubing from 3/8" to 1-1/8" (9.5 to 28.6 mm) O.D. (1/4" to 1" Nominal). Cuts copper, aluminum or brass, thin wall tubing. Lightweight aluminum alloy body. Spare cutter wheel included with tool.

Tubing pivots on double rollers.

Catalog Number	Tubing O.D. in. (mm)
TC174	3/8 to 1-1/8 (9.5 to 28.6)

Imp™ Tube Cutter



A handy tube cutter for cramped spaces so often encountered on installations or repairs. Only 1-11/16" x 1-15/16" x 7/8" (42.9 x 49.2 x 22.2 mm). Weighs only 2-1/2 oz. (71 g) A mere 1-1/4" (31.8 mm) clearance is all that is needed to operate the "Imp".

Catalog Number	Tubing O.D. in. (mm)
TC127	1/8 to 5/8 (3.2 to 15.9)

REPLACEMENT WHEEL

Catalog Number	Description
RW127	Cutting wheel for TC127
127TCS	Cutting wheel screw

Conforms to federal specification GGG-C771d, 1-31-64. Type 2, Class 2, Amendment 2.

Sure Grip Tube Slicer



Produces cuts in ABS, PVC, rubber and fabric reinforced hose up to 1" (25.4 mm) I.D. Rigid, durable nylon handle design provides sufficient leverage when cutting so that only moderate hand pressure is required. Stainless steel cutting blade is resharpenable and replaceable.

Catalog Number	Description	Net Wt. oz. (g)
TC400	Plastic tube slicer	5 (142)
RB400	Replacement blade	--



Flaring Tools Bar Clamp Type



FT195

Flares 7 sizes of soft copper, aluminum and brass tubing. Forged steel slip-on yoke and hardened flaring bar. Yoke design permits flaring where there is little space between nut and tube end. Positive clamping of bars prevents tube slippage. Hard chrome-finished swivel-type cone makes better flares with less effort. Satin finish nickel-chrome plated.

Conforms to federal specification GGG-G-451a, 6-13-68. Type 2, Class 2, Style A.

Catalog Number	Tubing O.D. in. (mm)	Nominal Sizes inches
FT195	3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 5/8 (4.8, 6.4, 7.9, 9.5, 11.1, 12.7, 15.9)	1/8, 1/4, 3/8, 1/2

Die Block Type



FT500

For soft copper, aluminum and brass tubing. Faceted, hard chrome finished cone rolls out perfect 45° flares - then automatically burnishes flare face. Handy slip-on yoke permits use in tight quarters. Movable dies allow tubing to be slipped in easily. Heat treated dies grip tubing without scoring and the original tube wall thickness is maintained at base of flare. Satin chrome and black nickel finish.

Catalog Number	Tubing O.D. in. (mm)	Nominal Sizes inches
FT500	3/16, 1/4, 5/16, 3/8, 1/2, 5/8 (4.8, 6.4, 7.9, 9.5, 12.7, 15.9)	1/8, 1/4, 3/8, 1/2

Reamer-Deburring Tools



R208

For copper, aluminum and brass tubing. Reams both inside and outside edges of tube with 3 hollow ground tool steel blades. Tool cuts when turned both clockwise and counter-clockwise. Fluted body is shaped to fit comfortably in palm.

Catalog Number	Tubing O.D. in. (mm)	Nominal Sizes inches
R208	3/16 to 1-1/2 (4.8 to 38.1)	1/8 to 1-1/4

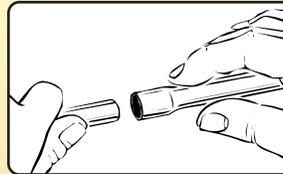
Pocket Size Deburring Tool



R308

Pocket size reamer deburrs nominal 1/4" (6.4 mm) or larger tubing and fittings. Freely rotating, hardened steel blade holds its edge in both copper and ABS/PVC plastic. Under 6" (152 mm) overall length.

Catalog Number	Description
R308	Pocket size, swivel reamer



Combination Swaging Punches



ST94



ST96

Combination Swaging Punch

Three sizes in one tool. Knurled stock for easy removal of punch.

Catalog Number	Tubing O.D. in. (mm)	Nominal Sizes inches
ST94	1/2, 5/8, 7/8 (12.7, 15.9, 22.2)	3/8, 1/2, 3/4

6-in-1 SWAGING TOOL

ST96	3/16, 1/4, 5/16, 3/8, 1/2, & 5/8" (4.8, 6.4, 7.9, 9.5, 12.7, 15.9)
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Copper Tube Fitting Brushes



Carbon steel crimped fill handle and stem

Catalog Number	Diameter in. (mm)	Length in. (mm)	Net Wt. oz. (g)
FB1/2	1/2 (12.7)	5/8 (15.9)	1 (28)
FB3/4	3/4 (19.1)	7/8 (22.2)	1 (28)
FB1	1 (25.4)	1-1/8 (28.6)	1 (28)

Plumbers Roll Abrasive Cloth



Closed Coat

Open Coat

Specially processed for cleaning and preparing solder joint fittings



Creates a bite on metal surface for solder or paint. Aluminum oxide cutting grain rates 9.2 on MO scale (diamond=10). Flexible cloth back fits contours of any surface configuration and hard to reach areas. Long lasting urea resin bonding is water resistant.

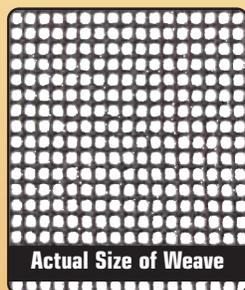
WHITE CLOTH Open coat, 120 grit alum. oxide.

Catalog Number	Description
AC110	1-1/2" x 10 yd. (38.1 mm x 9.14 m) white roll

BROWN CLOTH Closed coat, 120 grit alum. oxide.

AC310	1-1/2" x 10 yd. (38.1 mm x 9.14 m) brown roll
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Abrasive Mesh



Actual Size of Weave

180 grit open mesh cleans with both sides, requires only light pressure, lasts twice as long as cloth. Scrim is nylon weave. Waterproof adhesive bonding. Will not clog, load or break down.

Catalog Number	Description
AC5M	1-1/2" x 5 yd. (38.1 mm x 4.57 m) mesh roll

Fin Straightening Tools with Adjustable Nylon Combs



FST



FST2

The FST tool straightens commonplace 8, 10, 12 or 14 fins per inch. Use the FST2 tool for straightening closely spaced 16, 18, 20 or 22 fins per inch. Both tools feature one-piece adjustable combs. The resilient nylon comb material will not damage the soft aluminum fins of condenser or evaporator units. Malco fin tools function by either pushing or pulling and efficiently straighten fins in tight quarters or where multiple passes over bent fins are required. Comfortable offset handles provide a sure grip and protect knuckles from scraping.

Catalog Number	Description
FST	Fin Straightening tool for 8, 10, 12 or 14 fins per inch
FST2	Fin Straightening tool for 16, 18, 20 or 22 fins per inch

Tube Benders



Catalog Number	Tubing O.D. in. (mm)
TB1026	3/8 (9.5)
TB1028	1/2 (12.7)
TB1020	5/8 (15.9)
TB1022	3/4 (19.1)
TB102K	KIT: See Note Below: 5 piece set including Tube Benders above plus 1/4" (6.4 mm) size.

These budget priced tools are for bending soft tubing to any shape without collapsing walls. The special spring steel is zinc finished. One end is flared for quick tube insertion and removal. The 5 convenient sizes can be used economically for many jobs.



Black vinyl cushion grips with handle stops.

Punch Lock Stud Crimper

Secures any width Stud and Runner without screws or other fasteners.

Unique Punch and Die are easily replaceable



Powerful compound leverage design

PL1

Compound leverage increases mechanical advantage nearly 7 to 1. Simply squeeze handles together with one hand while holding stud in place. A unique punch and die shape creates a rectangular crimp, bending over thicknesses of channel and stud at the same time to form a sturdy bond. Crimp is always the proper strength and resists stress from any angle. Spring return handles snap the punch back in a ready position to go on to the next stud or fastening point. Lightweight and compact size allows the user to work overhead or in tight quarters with ease. Tool fits inside the smallest stud and runner. Punch and dies are constructed from high quality tool steel and are easily replaceable. Body of tool consists of an aluminum die cast 'C' frame and rust resistant, nickel plated steel handles and parts. Tool also features non-slip vinyl grips with hand stops for added comfort and resistance to elements.

Catalog Number	Description	Throat Depth in. (mm)	Capacity Galvanized Steel 22 Gauge in. (mm)	Net Wt. oz. (g)
PL1	Punch Lock/ Stud Crimper	1-1/2 (38.1)	.034 (0.86)	16 (454)

REPLACEMENT PARTS

PLD1	Replacement Punch and Die
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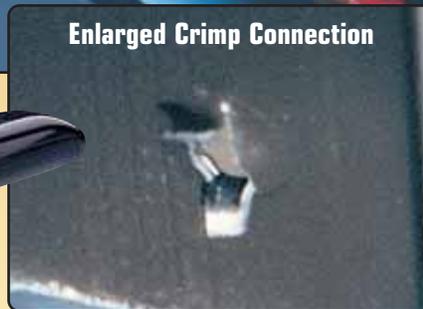
TOOL SPECIFICATIONS

Punch / Frame	Variable Leverage Ratio High/Low Throughout Stroke
Tool Steel Punch w/Cast Aluminum Frame	Shear Action (Punch)

Maximum capacity 22 gauge stud and runner.



Enlarged Crimp Connection



Compound Leverage Channel Shear



SRC24A

Compound leverage shear cuts through 20 gauge metal studs and runner faster, easier and more economically than any other tool on the market. Shear completes cut in one easy stroke without deforming metal channel. Die assembly assures that cutting action is clean and precise. Hollow ground hardened steel blade can be resharpened or replaced. A 36" (91 cm) long handle provides additional leverage making cutting with this shear almost effortless. Lightweight and portable enough to be where you want it, when you want it. Model SRC24A cuts 3 basic channel sizes 1-5/8, 2-1/2 & 3-5/8" (41.3, 63.5 and 92.1 mm) stud and accommodating runners. Shear features rugged all steel and bolt construction. Handle has red vinyl comfortable grips.

Catalog Number	Capacity Galvanized Steel 20 Gauge in. (mm)	Cuts both Stud & Runner Sizes in. (mm)	Height in. (mm)	Length in. (cm)	Net Wt. lbs. (kg)
SRC24A	0.40 (1.02)	1-5/8, 2-1/2 & 3-5/8 (41.3, 63.5, & 92.1)	8 (203)	36 (91)	23.00 (10.43)

REPLACEMENT BLADE

Catalog Number	Description
10627	One replacement blade and two spacers. Field replacement.

RELATED ITEMS

Ceiling Grid Punch No. CGP See page 83



Professional Caulking Gun

Square Piston Design



CG20

Heavy duty professional models with thumb-activated pressure release. Designed for use with spouted cartridge. Powerful ratcheting action minimizes worker fatigue or need to warm up caulk. User can regulate stroke to fit hand. Square piston rod may be rotated to expose new gripping surface and increase service life of tool. Handy puncture wire folds inside handle.

Catalog Number	Application	Cartridge Capacity	Carriage Dia. in. (mm)	Length in. (mm)	Net Wt. oz. (g)
CG20	Spouted Cartridge	1/10 gal.	2 (51)	8-1/2 (216)	28 (794)

Utility Caulking Gun



CG10

- Slotted front for easy loading.

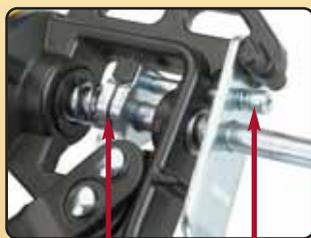
Catalog Number	Application	Cartridge Capacity	Carriage Dia. in. (mm)	Length in. (mm)	Net Wt. oz. (g)
CG10	Spouted Cartridge	1/10 gal.	2 (51)	8-1/2 (216)	17 (482)

Easy Dispensing Caulking Gun



CG18

POWER GRIP
with steel trigger.



Adjustment Screw
Gripping Plate

Double Gripping plate and trigger adjustment screw for longer dispensing life.

- Trigger adjustment screw compensates for normal wear to assure full dispensing stroke and extend tool life.
- Rotating barrel for maneuverability and easy caulk placement.
- Slotted front for easy loading.
- Ladder size hang hook.

Flexible / Lightweight Caulking Gun



CG12

- Compact design stores in a toolbox.
- Handy puncture wire.
- Ladder size hang hook.

Catalog Number	Application	Cartridge Capacity	Carriage Dia. in. (mm)	Length in. (mm)	Net Wt. oz. (g)
CG12	Spouted Cartridge	1/10 gal.	2 (51)	8-1/2 (216)	25 (709)

Catalog Number	Application	Cartridge Capacity	Carriage Dia. in. (mm)	Length in. (mm)	Net Wt. oz. (g)
CG18	Spouted Cartridge	1/10 gal.	2 (51)	8-1/2 (216)	28 (794)



Magnetic Tip Tape Measures



Ideal for working with metal!

Magnetic Attraction!

At last, the obvious! Malco's "MAGNETIC TIP" TAPE MEASURE is ideal for every ferrous metalworking project! Use it for HVAC ductwork installations, ceiling grid applications, metal stud framing and more. A powerful magnet and self-supporting 1" wide blade makes 1-person measurements and measuring elevations an easy task. The magnetic tip and big standout blade can even be used as a pick-up tool! A double riveted tip connection, abrasion-resistant, nylon coated blade and rubber-clad housing and blade stop assure lasting performance.



Zero Commencement:
When Hanging and pulling magnet, deduct 1/16" from measurement.



Powerful Magnets!



**A MULTITUDE OF JOB SITE USES: Metal Ductwork • Ceiling Grids • Metal Stud Framing
Measuring Elevations • One-Person Measurements • Extended blade tip even works as pick-up tool!**

Catalog Number	Description	Net Wt. oz. (g)
T416M	1" x 16' Magnetic Tip Tape Measure	10 (284)
T425M	1" x 25' Magnetic Tip Tape Measure	14 (397)
T430M	1" x 30' Magnetic Tip Tape Measure	17 (482)



- **Non Magnetic 1" Tape Measures**
- **Double Riveted Tip Connection**
- **Rubber-Clad Housing**

Catalog Number	Description	Net Wt. oz. (g)
CT425	1" x 25' Malco Tape Measure	13 (369)
CT430	1" x 30' Malco Tape Measure	16 (454)

Aluminum Straight Edge Rule

48AR



Made from .125 thickness extruded aluminum. This 48" rule is 2" wide. Large and clear, easy to read, thermo-bonded red markings on gray finish. Can be read from either end. Graduations in eighths and sixteenths.

Catalog Number	Description	Net Wt.	Graduations
48AR	48" Straight Edge	16 oz.	Increments to 1/16"

Tinner's Circumference Rules

48BS



48CR



Catalog Number	Lgth.	Upper Scale Graduations	Lower Scale Graduations
SEMI FLEXIBLE - .029" THICK			
48BS	48"	Increments to 1/16" both sides.	150 circumference inches in 1/8" increments both sides

Catalog Number	Lgth.	Upper Scale Graduations	Lower Scale Graduations
HEAVY DUTY - .062" THICK			
48CR	48"	Increments to 1/16" both sides.	150 circumference inches in 1/8" increments both sides

Standard bench rules with circumference readings for sheet metal work. Made from Stainless Steel which means they never need to be oiled. Fully etched markings are black filled for easy reading. 150 circumference inches in 1/8" increments both sides. Rules are 48" long x 1-1/4" wide.

Distance Measuring Wheel

5-Digit Counters to read up to 10,000 ft.
2-Section Telescoping Handles, with positive Clamp-Lock Mechanism.
Ergonomic Pistol Grips. Handy Kickstands.



**MW10
10-Inch
Measuring Wheel**

MW10
Popular 10-inch wheel is versatile for many jobs. Reads up to 10,000 feet.

Ergonomic Pistol Grip offers greater comfort and less wrist fatigue.

Strong, positive Clamp-Lock mechanism holds telescoping handle at desired length.

Polyvinyl wheel treads assure adequate traction on smooth or rough surfaces.

Catalog Number	Wheel Dia.	Nominal Circumference	Storage Lgth.	Extended Lgth.	Net Wt. Ea. lbs. (kg)
MW10	10"	3'	25"	41"	2.10 (0.95)

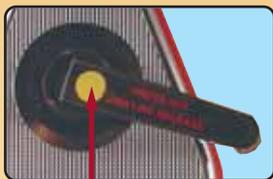


Chalk Lines & Squares



Speed Chalk Reel

100 foot Reel rewinds 3-1/2 times **FASTER!**



Press-in handle lets line out freely while still locked in place.

CLPS100

Large chalk capacity. Screw off cap prevents chalk leakage. Press-in handle feature lets line out freely, while handle is locked in place. Locking handle also allows use as a plumb bob. Durable high impact chrome plated case.

Catalog Number	Line Length ft. (m)
CLPS100	100 (30.48)

Chalk / Plumb Line



CLP100

Chalk/plumb line marks on any surface, including wood, brick, stone and metal. Lightweight case is die-cast aluminum with baked enamel finish. Side action winding reel lock releases automatically on rewind. Hook ring holds line securely. Wedge lock plumb bob tip prevents chalk leakage, opens for quick, easy refilling. "Pop-in" line spool is easily replaceable.

Catalog Number	Line Length ft. (m)	Replacement Spool Cat. No.
CLP100	100 (30.48)	CLR100

Powdered Chalk

Vibrant blue and permanent red chalk lays down a hard, clean line that won't blow away. Available in 8 oz. plastic dispensing bottles.

Catalog Number	Color	Net Wt. oz. (g)
C8B	Blue	8 (227)
C8R	Red	8 (227)

C8B



C8R

Framing Squares

SA24

Aluminum Rafter Square

Lightweight aluminum frame. Body measures 24" x 2". Tongue is 16" x 1-1/2". Easy to read graduations on enamel surface. Also features reverse reading scale. Hang up hole on tongue.

Catalog Number	Description	Net Wt. oz. (g)
SA24	Aluminum framing square	12 (340)

SS24

Steel Rafter Square

Professional steel square for all kinds of construction work - from roof rafting to building shelves. Body measures 24" x 2". Tongue is 16" x 1-1/2". Features frequently used measurement tables such as brace measure, octagon eight square scale and essex board measure. Square comes with hang-up hole on the tongue.

Catalog Number	Description	Net Wt. oz. (g)
SS24	Steel rafter square	28 (794)

Combination Squares

SCS12



12" with solid mounted vial

SCS16



16" with scribe and pencil guide

360° View Vial

Machined head has self aligning zinc drawbolt for easy blade installation. Satin finish steel blades are precision stamped in eighths and sixteenths on each side. Level vials are durable acrylic. The SCS16 square also features a hardened scribe with brass bushing and pencil guide on blade.

Catalog Number	Description	Net Weight oz. (g)
SCS12	12" w/solid mounted vial	12 (340)
SCS16	16" w/scribe & pencil guide, 360° view vial	14 (397)

Aluminum Levels



L48AT

All with Top Read Center Vial

L24AT

L24ATM

Magnetic Base

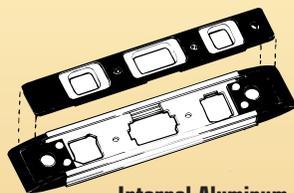
Strong and durable extruded aluminum frame is heat treated and grooved on both gauging surfaces. Unique construction design features multi-directional vial. Dust proof covers are screwed in to protect vial. Top read feature makes for quick, easy reading. Available in 24" (61 cm) and 48" (122 cm) lengths.

Holds firmly to metal surfaces, thus freeing hands. Magnetic strip is matched to milled aluminum edge for professional accuracy and exceptional holding power.

Catalog Number	Length in. (cm)	Number of Vials	I-Beam Stock Size in. (mm)
L24AT	24 (61)	3	1 x 2-1/8 (25 x 54)
L48AT	48 (122)	3	1 x 2-1/8 (25 x 54)

Catalog Number	Length in. (cm)	Number of Vials	I-Beam Stock Size in. (mm)
L24ATM	24 (61)	3	1 x 2-1/8 (25 x 54)

Top Reading Torpedo Levels



Internal Aluminum Frame



L9

Magnetic Base

Duplex milled aluminum frame with "cycloc" end plates is lightweight and withstands shock or abuse. Precision cast parallel edges will not scratch work surface. Three large vials - plumb, level and 45°. White vial holders and top read feature facilitate quick, easy reading. Grooved working edge designed for use on pipe and conduit.

Catalog Number	Length in. (mm)	Number of Vials
L9	9 (229)	3
L9M*	9 (229)	3

* L9M Features a magnetic base as described above.

Pocket Level



L5

Strong molded plastic frame with pocket clip. Multi view vial reads top, bottom or side. Ideal for leveling thermostats.

Catalog Number	Length in. (mm)	Number of Vials
L5	5 (127)	1



Hammers & Pry Bars



Sheet Metal Hammers

One-Piece Steel

One-piece forged, I-beam construction. Full-polished heads with beveled face and pein are corrosion resistant. Hammer sections are individually hardened and tempered for strength and resiliency.

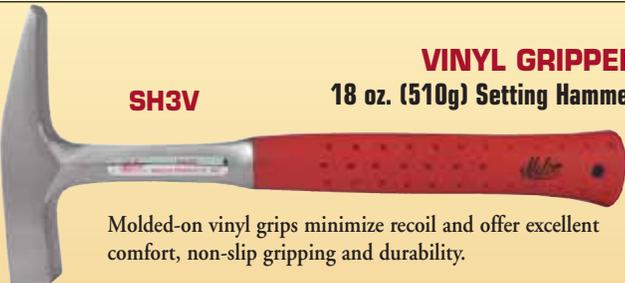


RH4V

VINYL GRIPPED
12 oz. (340g) Riveting Hammer

Molded-on vinyl grips minimize recoil and offer excellent comfort, non-slip gripping and durability.

Catalog Number	Head Weight oz. (g)	Head Length in. (mm)	Face Size in. (mm)	Nominal O/A Length in. (mm)
RH4V	12 (340)	4-7/8 (124)	3/4 (19.1)	11 (279)



SH3V

VINYL GRIPPED
18 oz. (510g) Setting Hammer

Molded-on vinyl grips minimize recoil and offer excellent comfort, non-slip gripping and durability.

Catalog Number	Head Weight oz. (g)	Head Length in. (mm)	Face Size in. (mm)	Nominal O/A Length in. (mm)
SH3V	18 (510)	5-1/2 (140)	7/8 (22.2)	11-3/4 (298)



RH4

LEATHER GRIPPED
12 oz. (340g) Riveting Hammer

Grip is protected with a durable lacquer coating. Leather conforms to hand over time.

Catalog Number	Head Weight oz. (g)	Head Length in. (mm)	Face Size in. (mm)	Nominal O/A Length in. (mm)
RH4	12 (340)	4-7/8 (124)	3/4 (19.1)	11 (279)



SH3

LEATHER GRIPPED
18 oz. (510g) Setting Hammer

Grip is protected with a durable lacquer coating. Leather conforms to hand over time.

Catalog Number	Head Weight oz. (g)	Head Length in. (mm)	Face Size in. (mm)	Nominal O/A Length in. (mm)
SH3	18 (510)	5-1/2 (140)	7/8 (22.2)	11-3/4 (298)

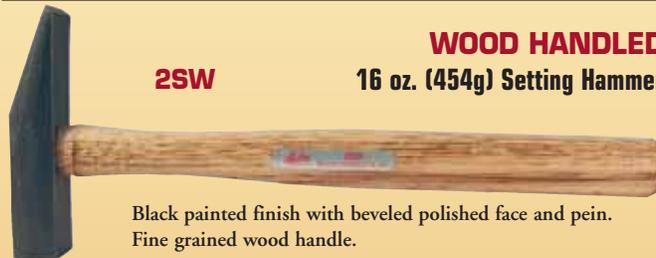


2RW

WOOD HANDLED
16 oz. (454g) Riveting Hammer

Black painted finish with beveled polished face and rounded polished pein. Fine grained wood handle.

Catalog Number	Head Weight oz. (g)	Head Length in. (mm)	Face Size in. (mm)	Nominal O/A Length in. (mm)	Replacement Handle #
2RW	16 (454)	5 (127)	1 (25.4)	13-1/4 (337)	WH23

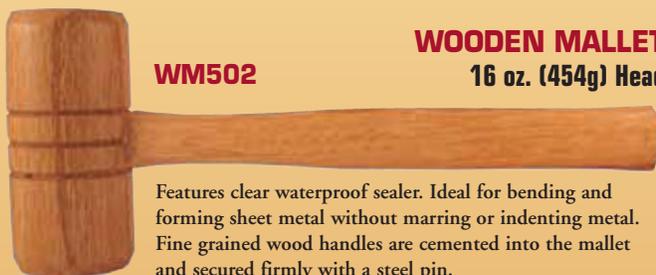


2SW

WOOD HANDLED
16 oz. (454g) Setting Hammer

Black painted finish with beveled polished face and pein. Fine grained wood handle.

Catalog Number	Head Weight oz. (g)	Head Length in. (mm)	Face Size in. (mm)	Nominal O/A Length in. (mm)	Replacement Handle #
2SW	16 (454)	5 (127)	1 (25.4)	13 (330)	WH23



WM502

WOODEN MALLET
16 oz. (454g) Head

Features clear waterproof sealer. Ideal for bending and forming sheet metal without marring or indenting metal. Fine grained wood handles are cemented into the mallet and secured firmly with a steel pin.

Catalog Number	Head Weight oz. (g)	Head Length in. (mm)	Face Size in. (mm)	Nominal O/A Length in. (mm)
WM502	16 (454)	5-1/2 (140)	2-1/2 (63.5)	13 (330)

Shinglers Hammer



SHV VINYL GRIPPED ONE-PIECE STEEL

Milled face and 1-13/16" (46 mm) cutting edge with stop gauge and retractable blade. One-piece forged I-beam construction, molded-on vinyl grip and leather safety strap.

Catalog Number	Cutting Edge in. (mm)	Nominal O/A Length in. (mm)
SHV	1-13/16 (46.0)	12-1/2 (318)

REPLACEMENT PARTS

SHB	Replacement Blade
SHG	Replacement Gauge
SHS	Replacement Screw

Claw Hammers



16SCV VINYL GRIPPED ONE-PIECE STEEL

One-piece forged, I-beam construction. Full polished head with beveled face. Comfortable, non-slip vinyl grip.

Catalog Number	Claw	Head Wt. oz. (g)	Head Length in. (mm)	Face size in. (mm)	Nominal O/A Length
16SCV	straight	16 (454)	4-7/8 (124)	1-1/16 (27.0)	12-1/2 (318)
20SCV	straight	20 (567)	5-5/8 (143)	1-3/16 (30.2)	12-1/2 (318)



20SC LEATHER GRIPPED ONE-PIECE STEEL

One-piece forged, I-beam construction. Full polished head with beveled face.

Catalog Number	Claw	Head Wt. oz. (g)	Head Length in. (mm)	Face size in. (mm)	Nominal O/A Length
16CC	curved	16 (454)	4-1/4 (108)	1-1/16 (27.0)	12-1/2 (318)
16SC	straight	16 (454)	4-7/8 (124)	1-1/16 (27.0)	12-1/2 (318)
20CC	curved	20 (567)	5 (127)	1-3/16 (30.2)	12-1/2 (318)
20SC	straight	20 (567)	5-5/8 (143)	1-3/16 (30.2)	12-1/2 (318)



20SCF FIBERGLASS HANDLED

Black paint and polished finish with chamfered edges and beveled face. Fiberglass minimizes recoil and vinyl grip adds comfort.

Catalog Number	Claw	Head Wt. oz. (g)	Head Length in. (mm)	Face size in. (mm)	Nominal O/A Length
16CCF	curved	16 (454)	5-1/4 (133)	1 (25.4)	13 (330)
16SCF	straight	16 (454)	5-1/2 (140)	1 (25.4)	13 (330)
20SCF	straight	20 (567)	6 (152)	1-1/16 (27.0)	13 (330)

Ball Pein Hammer

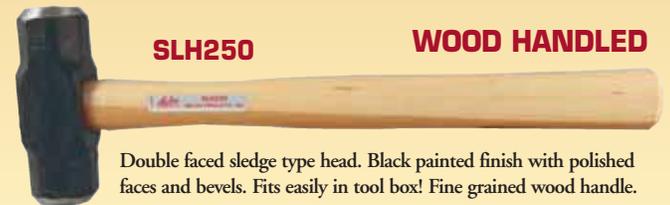


BP8W WOOD HANDLED

Black painted finish with polished face and pein. Faces are beveled. Fine grained wood handle.

Catalog Number	Head Wt. oz. (g)	Length in. (mm)	Face Size in. (mm)	Nominal O/L Length in. (mm)
BP8W	8 (227)	3-3/8 (86)	1 (25.4)	12-1/4 (311)

Engineers Hammer



SLH250 WOOD HANDLED

Double faced sledge type head. Black painted finish with polished faces and bevels. Fits easily in tool box! Fine grained wood handle.

Catalog Number	Head Wt. lbs. (kg)	Length in. (mm)	Face Size in. (mm)	Nominal O/L Length in. (mm)
SLH250	2.5 (1.13)	4 (102)	1-3/4 (44.5)	15-1/2 (394)

Pry Bars



HB15 Handy Bar

Wide, thin tapered design for easy mar-proof prying. Half round heel provides easy rocking action.



PB18 I-Beam Pry Bar

I-Beam construction gives superior strength, yet is lightweight for less worker fatigue. Polished double hammer faces.

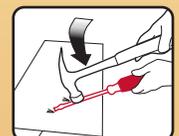
Catalog Number	Nominal Length in. (mm)	Net Wt. oz. (g)
HB15	14-1/2 (368)	24 (680)
PB18	18 (457)	22 (624)

Handled Duct Ripper

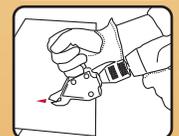


CDR

Specially angled ground tip easily punctures and rips duct to the desired length starting hole. Hardened tip is ground on both sides to create 2 cutting edges for long, useful life. Cutting edges are aligned with shaft flats for large striking surfaces. Corrosion-resistant blade, cushioned grip and a hang hole for storage complete this handy tool.



RIP HOLE



Insert Shear

Catalog Number	Nominal Length in. (mm)	Net Wt. oz. (g)
CDR	9-1/2 (241)	5 (147)



Pliers & Wrenches

Long Nose Pliers

LNC6G



LNC7G



Long reach cutter style pliers are suited for a variety of jobs. Jaws comprise 1/3 of total length. Smooth functioning box joint insures accurate alignment of cutter edges. Milled jaws firmly grip out to very tip of nose. Tempered steel with polished finish faces. Handles are palm-fitting design with red vinyl non-slip cushion grips.

Catalog Number	Length in. (mm)	Net Wt. oz. (g)
LNC6G	6 (152)	4 (113)
LNC7G	7 (178)	5 (142)

Diagonal Cutters

DC6G



DC7G



Powerful leverage short nose is designed to cut flush from side without obstructing handle grip. Absence of flat gripping surface on jaws allows tool to cut out to very tip. (Diagonal cutters are the only tools capable of reaching into an electrical box to cut wires). Smooth functioning box joint insures accurate alignment of cutting edges. Forged from high quality alloy steel. Hardened and tempered for long life. Polished faces. Red vinyl cushion grips.

Catalog Number	Length in. (mm)	Net Wt. oz. (g)
DC6G	6.25 (159)	4 (113)
DC7G	7.25 (184)	7 (199)

Lineman's Side Cutter

LSC8G



Precision plier has a rugged design with powerful leverage for pulling and cutting heavy wires. Carefully matched cutting edges and milled gripping surface are specially hardened and tempered for long life. Forged from high quality alloy steel. Polished faces. Comfort designed handles with red vinyl cushion grips.

Catalog Number	Length in. (mm)	Net Wt. oz. (g)
LSC8G	8 (203)	14 (397)

New England Style

LSC9G



High leverage plier is designed for cutting number 8 and other large wires. Forged from high quality alloy steel. Precision matched cutting edges are induction hardened. Jaw rivet is offset for increased leverage. Built-in insulation crusher. Red vinyl cushion grips.

Catalog Number	Length in. (mm)	Net Wt. oz. (g)
LSC9G	9 (229)	19 (539)

Electrical Plier Up Front Crimping Action



PC9

Insulated and uninsulated terminal and splice crimper with wire cutter up front. Crimps insulated terminal sizes 12-10 (yellow) and 22-14 (red and blue). Tool also crimps uninsulated terminals 22-10 and 7-8 mm auto ignition terminals. Cuts bolts with perfect rethread and features six wire stripping stations for 22-10 ga. Constructed of induction hardened alloy steel. Pivot joint is made of hardened steel lifetime bushing. Black oxide oil finish with paint markings to highlight crimping functions. Red vinyl grips are comfortable, three pocket air cushion type.

Catalog Number	Capacities		Crimping	Stripping	Length	Net Wt.
	Bolt	Cutting				
PC9	4-40	8-32	22-10 ga.	22-10 ga.	8-3/4"	7 oz.
	6-32	10-32				
		10-24				

Electrical Plier Cutter / Stripper / Crimper



WSC8

Up front scissors action strips copper wire clean and easily cuts sizes 10 thru 20. Bolt cutters leave a perfect rethread. Plier nose features serrated jaw and slim profile for pulling and putting loops on wire. Crimps all insulated and non-insulated solderless terminals including 7-8 mm auto. Lifetime pivot point assures greater joint strength and adds easy, precise adjustment capability. Black oxide, satin finish steel. Extra large red vinyl cushion grips.

Catalog Number	Capacities		Crimping	Stripping	Length	Net Wt.
	Bolt	Cutting				
WSC8	4-40	8-32	22-10 ga.	22-10 ga.	8-1/4"	8 oz.
	5-40	10-32				
	6-32	10-24				

Electrical / Stripper Combination AWG-Metric

WSC1S



Automatic spring opening increases speed of stripping operation. Convenient lock protects precision cutting surfaces when not in use.

Catalog Number	Capacities AWG	Metric	Length in. (mm)	Net Wt. oz. (g)
WSC1S	20-10 ga.	.5-5.3 mm	6 (152)	4 (113)

Multi-Track Pliers



MT12



MT10



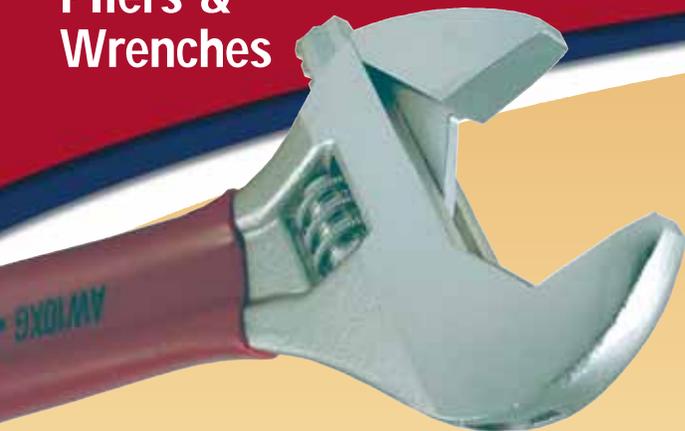
MT7

Multiple slip joint pliers are ideal for use on conduit, pipe and cable connections. Tongue and groove joints hold jaws securely in selected position and take strain off bolt. Teeth are designed to give maximum grip on any round, square or hex shaped object. Long cushion grip handles give powerful leverage with gentle angled spread for easy one hand operation. Thin design permits access to confined spaces where conventional pipe wrenches won't go. Tempered steel halves offer long dependable service.

Catalog Number	Size in. (mm)	Square Opening in. (mm)	Tracks	Net Wt. oz. (g)
MT7	7-1/2 (191)	3/4 (19.1)	5	6 (170)
MT10	10 (254)	1-3/8 (34.9)	5	12 (340)
MT12	12-3/4 (324)	2-1/2 (63.5)	7	27 (766)



Pliers & Wrenches



Extra Capacity Adjustable Wrenches



Greater jaw capacity than standard adjustables, these wrenches often eliminate the need to use the next larger size. Ideal for jobs where convenience of a smaller, lighter weight wrench is desired.

Slim, tapered jaws are induction hardened to prevent disfiguring of opening. Malco wrenches are drop-forged from high quality alloy steel, heat treated and nickel chrome plated. Finished with bright head faces and satin finished handles.

GRIPPED WRENCHES

Catalog Number	Length in. (mm)	Jaw Opening in. (mm)	Net Wt. oz. (g)
AW4G	4 (102)	1/2 (12.7)	2 (57)
AW6XG	6 (152)	15/16 (23.8)	4 (113)
AW8XG	8 (203)	1-1/8 (28.6)	8 (227)
AW10XG	10 (254)	1-5/16 (33.3)	14 (397)
AW12XG	12 (305)	1-1/2 (38.1)	24 (680)



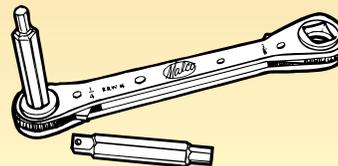
Refrigeration Ratchet Wrenches



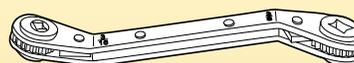
RRW3



RRW4



RRW5



Offset design

For installing or servicing heating, air conditioning or refrigeration units.

Catalog Number	Square	Hex in.
RRW4	3/16" & 1/4"	1/2" & 9/16"
RRW3	3/16", 1/4", 5/16" & 3/8"	
RRW5	3/16", 1/4", 5/16" & 3/8"	

5/16" & 3/16"

Hex Key Wrench Inserts



RRW3/16



RRW5/16

1/4" square drive shanks fit Malco RRW3 and RRW4 Ratchet Wrenches. Facilitates easy ratcheting action for servicing hard to access valves common in air conditioning and refrigeration condensing units. 1-5/8 inches long.

Catalog Number	Square Shank Dia.	Hex Key Dia.	O/A Lgth.
RRW5/16	1/4"	5/16"	1-5/8"
*RRW3/16	1/4"	3/16"	1-5/8"

*RRW3/16 Hex Stock Body Measures 5/16"

Cushioned-Gripped “T” Handle Hex Key Sets



WT6SG



WT9SG

Extra long, hardened and tempered alloy steel “T” Handle hex keys provide extra reach and extra leverage. Plus, vinyl cushion grips and comfort provide added torque.

- Big 6” and 9” sets consist of 8 sizes: 3/32”, 7/64”, 1/8”, 9/64”, 5/32”, 3/16”, 7/32” and 1/4”.
- Kits are packaged in reusable, clear vinyl pouches with velcro-tab closures.
- Red vinyl grips imprinted with sizes make these keys easy to spot on the job and easy to retrieve from your tool kit or tool box.
- Rust-resistant finish on hex shafts assures long service life.
- Popular 1/8”, 5/32” and 3/16” sizes are also available individually.

6” Gripped Hex “T” Set



**6” Long “T” Handle Keys
8 Sizes (3/32”-1/4”)**

Catalog Number	Description
WT6SG	6” Long T Handle Keys, 8 Sizes (3/32”-1/4”)
INDIVIDUAL 6” LONG WRENCHES	
WT618G	1/8” T-Hex Key 6” long.
WT6532G	5/32” T-Hex Key 6” long.
WT6316G	3/16” T-Hex Key 6” long.

9” Gripped Hex “T” Key Set



**6” Long “T” Handle Keys
8 Sizes (3/32”-1/4”)**

Catalog Number	Description
WT9SG	9” Long T Handle Keys, 8 Sizes (3/32”-1/4”)
INDIVIDUAL 9” LONG WRENCHES	
WT918G	1/8” T-Hex Key 9” long.
WT9532G	5/32” T-Hex Key 9” long.
WT9316G	3/16” T-Hex Key 9” long.

Ungripped Hex “T” Key Sets

Finest quality nickel-chrome alloy steel. Precision tempered. Easy to grasp loop handle may be hung up. Available in 6” and 9” lengths. Key sizes stamped on top of handles. Black oxide finish.



WT6S



WT9S

Catalog Number	Description
WT6S	6” long, hex keys, 8 sizes (3/32-1/4”).
WT9S	9” long, hex keys, 8 sizes (3/32-1/4”).
INDIVIDUAL 6” LONG WRENCHES	
WT6 1/8	6” long hex key size 1/8”.
WT6 5/32	6” long hex key size 5/32”.
WT6 3/16	6” long hex key size 3/16”.
INDIVIDUAL 9” LONG WRENCHES	
WT9 1/8	9” long hex key size 1/8”.
WT9 5/32	9” long hex key size 5/32”.
WT9 3/16	9” long hex key size 3/16”.



Hex Keys

Ball Tip L- Wrench Set

Easy Socket Access at angles up to 25° OFF-AXIS

Wrench Set stores in Handy reusable case.



WBL12S
12 Piece Set

Tough alloy steel.
Black oxide Finish

TWO TOOLS IN ONE!
Standard Hex end for
maximum torque.
Ball end for angles.



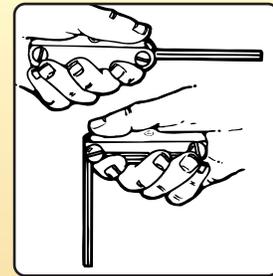
Professional Quality Folding Hex Key Sets

Produced from tough alloy steel

Hex Corners of keys are sharp and clean.
Finish is black oxide.



Smooth zinc plated case can
be used as handle for extra leverage.
Flat spring holds keys in any work position.



Flat spring in case holds
keys in any work position

Refrigeration Lengths "L" Hex Keys

Available in 6" and 12" long series.
Tough alloy steel, black oxide finish.
In reusable vinyl pouch.



W6
9 Piece Set
6" Length



W12
7 Piece Set
Big 12" Length



"L" HEX KEY SETS IN PLASTIC POUCH

Catalog Number	Length	Number of sizes
W6	6"	9 sizes: 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32 and 1/4"
W12	12"	7 sizes: 5/64, 3/32, 1/8, 5/32, 3/16, 7/32 and 1/4"

"L" HEX KEY - INDIVIDUAL SIZES

Catalog Number	Description
Individual 12" LONG WRENCHES	
W12532	12" long hex key size 5/32".

Catalog Number	W19	W29	W45	W48
Description	SMALL POCKET	DELUXE POCKET	LARGE SIZES	EXTRA LONG
Handle Lgth.	3-5/8"	4-1/4"	5-1/4"	5-1/4"
No. of Keys	9	9	5	8

HEX SIZES - WIDTH ACROSS FLATS

.050"	--	--	--
1/16"	--	--	--
5/64"	5/64"	--	--
3/32"	3/32"	--	3/32"
7/64"	7/64"	--	7/64"
1/8"	1/8"	--	1/8"
9/64"	9/64"	--	9/64"
5/32"	5/32"	--	5/32"
3/16"	3/16"	3/16"	3/16"
--	7/32"	7/32"	7/32"
--	1/4"	1/4"	1/4"
--	--	5/16"	--
--	--	3/8"	--

Magnetic Screwdrivers

Magnetized tips hold screws for easier installation in tight quarters when fastening inside profiles, around existing installations or reaching into cabinet enclosures. Hardened chrome-vanadium steel blades offer maximum torque capacity. Cushioned handles offer a firm, ergonomically correct grip. And a handy hex-shaped base on selected round shank blades can be used with a wrench for added leverage. Satin chrome coating on blade shafts resists corrosion and a strong handle-to-shaft connection assures long service life.

SQUARE SHANK KEYSTONE



ROUND SHANK KEYSTONE



PHILLIPS HEAD



SQUARE SHANK KEYSTONE

Catalog Number	Blade Dia. Inch (mm)	Blade Lgth. Inch (mm)	Recomm. Screw #
MS44C	1/4 (6.4)	4 (102)	10-12
MS56C	5/16 (7.9)	6 (152)	12-16
MS68C	3/8 (9.5)	8 (203)	16-20

ROUND SHANK KEYSTONE

Catalog Number	Blade Dia. Inch (mm)	Blade Lgth. Inch (mm)	Recomm. Screw #	Hex Base
MK41C	1/4 (6.4)	1-1/2 (38.1)	10-12	Yes
MK44C	1/4 (6.4)	4 (102)	10-12	Yes
MK56C	5/16 (7.9)	6 (152)	12-16	Yes
MK68C	3/8 (9.5)	8 (203)	16-20	Yes

Catalog Number Description

7 PIECE MAGNETIC SCREWDRIVER KIT

MSK7C Kit Contains: MK41C, MK44C, MK56C, MC24C, MC33C, MP33C and MP44C

ELECTRIC / CABINET STYLE



MSK7C 7 Piece Screwdriver Kit Includes:



ELECTRICAL / CABINET STYLE

Catalog Number	Blade Dia. Inch (mm)	Blade Lgth. Inch (mm)	Recomm. Screw #	Hex Base
MC22C	1/8 (3.2)	2 (51)	2-5	
MC24C	1/8 (3.2)	4 (102)	2-5	
MC33C	3/16 (4.8)	3 (76)	6-9	Yes
MC36C	3/16 (4.8)	6 (152)	6-9	Yes
MC45C	1/4 (6.4)	5 (127)	10-12	Yes

PHILLIPS HEAD

Catalog Number	Blade Dia. Inch (mm)	Blade Lgth. Inch (mm)	Recomm. Screw #	Hex Base
MP33C	3/16 (4.8)	3 (76)	No. 1	Yes
MP44C	1/4 (6.4)	4 (102)	No. 2	Yes



Screwdrivers

Regular Grip Screwdrivers



REGULAR GRIP SCREWDRIVERS

Shallow fluted handles with large end bearing surface provide a sure, comfortable grip for maximum torque.

Cushion Grip Screwdrivers



CUSHION GRIP SCREWDRIVERS

The same great features as all Malco drivers plus a large, comfortable barrel shaped cushion grip.

Designed for maintenance, electrical and assembly continuous use applications. Keystone and Phillips drivers are also ideal for driving hardened screw heads in sheet metal. Individually heat treated blade tips are precision ground for perfect fit in screw head. Handles are shockproof and shatterproof. Driver handles and blades are joined securely and will not turn or come loose. Driver construction assures many years of reliable, superior performance.

SQUARE SHANK KEYSTONE



Catalog Number	Regular Grip	Cushion Grip	Blade Dia. in. (mm)	Blade Length in. (mm)	Recom. Screw#
S44	S44C	—	1/4 (6.4)	4 (102)	10-12
S56	S56C	—	5/16 (7.9)	6 (152)	12-16
S68	S68C	—	3/8 (9.5)	8 (203)	16-20
S612	—	—	3/8 (9.5)	12 (305)	16-20

ROUND SHANK KEYSTONE



Catalog Number	Regular Grip	Cushion Grip	Blade Dia. in. (mm)	Blade Length in. (mm)	Recom. Screw#
—	—	K41C	1/4 (6.4)	1-1/2 (38)	10-12
K44	K44C	—	1/4 (6.4)	4 (102)	10-12
K56	K56C	—	5/16 (7.9)	6 (152)	12-16
K68	K68C	—	3/8 (9.5)	8 (203)	16-20

ELECTICAL / CABINET STYLE



Catalog Number	Regular Grip	Cushion Grip	Blade Dia. in. (mm)	Blade Length in. (mm)	Recom. Screw#
C22	—	—	1/8 (3.2)	2 (51)	2-5
C33	C33C	—	3/16 (4.8)	3 (76)	6-9
—	—	C36C	3/16 (4.8)	6 (152)	6-9
—	—	C45C	1/4 (6.4)	5 (127)	10-12

ELECTICAL STYLE



Catalog Number	Regular Grip	Cushion Grip	Blade Dia. in. (mm)	Blade Length in. (mm)	Recom. Screw#
C22M	—	—	1/8 (3.2)	2 (51)	2-5
—	—	C24C	1/8 (3.2)	4 (102)	2-5
—	—	C26C	1/8 (3.2)	6 (152)	2-5
—	—	C28C	1/8 (3.2)	8 (203)	2-5

PHILLIPS HEAD High Polish Finish



Catalog Number	Regular Grip	Cushion Grip	Blade Dia. in. (mm)	Blade Length in. (mm)	Recom. Screw#
P33	P33C		3/16 (4.8)	3 (76)	No. 1
----	P42C		1/4 (6.4)	1-1/2 (38)	No. 2
P44	P44C		1/4 (6.4)	4 (102)	No. 2
P56	P56C		5/16 (7.9)	6 (152)	No. 3

7 Piece Combination Screwdriver Set



Most popular sizes of Keystone, Cabinet Style and Phillips screwdrivers packaged in a vinyl see-thru pouch.

CUSHION GRIP SET CONTENTS

Catalog Number	Description
K41C	Round Shank Keystone 1/4" Stubby
K44C	Round Shank Keystone 1/4"
K56C	Round Shank Keystone 5/16"
C24C	Electrical Style 1/8"
C33C	Electrical/Cabinet Style 3/16"
P33C	Phillips Head #1
P44C	Phillips Head #2

Catalog Number	Description
SK2C	Cushion grip 7 piece driver set as listed above

6 in 1 Reversible Driver

2 combination bits and
2 hex barrel openings
drive 6 different head
styles / sizes.



Bit shank firmly locks into handle barrel. Driver bits are individually protected with black oxide. Barrel is chrome plated to protect against rust.

Catalog Number	Description
RD6	Driver with 2 combination bits and 2 hex barrel openings



Magnetic

Nut Drivers

with FULL HOLLOW SHAFTS



Magnetized hex openings hold nuts or hex head bolts and screws in driver nose for easier installation. And full length hollow shafts permit access to nuts on long threaded bolts!



- A.** Malco brand Magnetic Nut Drivers feature precision cold-drawn and case-hardened nose sockets with side-mounted magnets.
- B.** Comfortable cushioned handle grips are color coded by size.
- C.** Sizes are also clearly marked on the butt of handles.



Magnet mounted on side of driver nose holds fasteners securely for easier installation.

**A full set of standard length
Magnetic Nut Drivers in 7 sizes.
Packaged in a handy
re-sealable vinyl pouch.**



MAGNETIC NUT DRIVERS with Full Hollow Shafts

Catalog Number	Hex Opening	Shank Dia.	Shank Lgth.	Minimum Hole Depth.	Nose Dia.	Handle Color	O/A Lgth.
MND6	3/16"	5/16"	3-1/8"	6"	3/8"	BLACK	7-1/4"
MND8	1/4"	5/16"	3-1/8"	6"	7/16"	RED	7-1/4"
MND10	5/16"	5/16"	3-1/8"	6"	1/2"	YELLOW	7-1/4"
MND11	11/32"	5/16"	3-1/8"	6"	1/2"	GREEN	7-1/4"
MND12	3/8"	3/8"	3-1/8"	6"	9/16"	BLUE	7-1/4"
MND14	7/16"	7/16"	3-1/8"	6"	5/8"	BROWN	7-1/4"
MND16	1/2"	7/16"	3-1/8"	6"	11/16"	RED	7-1/4"

"Stubby" MAGNETIC NUT DRIVERS with Full Hollow Shafts

Catalog Number	Hex Opening	Shank Dia.	Shank Lgth.	Minimum Hole Depth.	Nose Dia.	Handle Color	O/A Lgth.
MND8S	1/4"	5/16"	1"	3"	7/16"	RED	3-1/4"
MND10S	5/16"	5/16"	1"	3"	1/2"	YELLOW	3-1/4"
MND12S	3/8"	3/8"	1"	3"	9/16"	BLUE	3-1/4"

Magnetic Nut Driver Kit

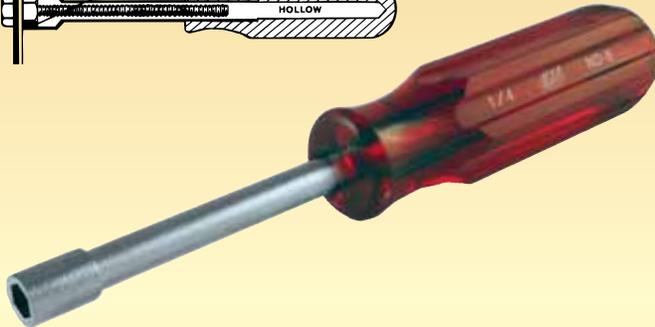
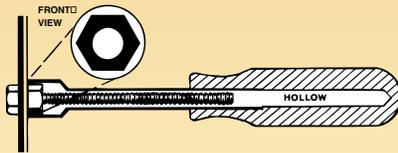
Catalog Number	Description
MND7K	DRIVERS: MND6, MND8, MND10, MND11, MND12, MND14, MND16

Standard Nut Drivers

with FULL HOLLOW SHAFTS

Malco Nut Drivers feature steel shafts with precision cold drawn and case hardened nose sockets. Nickel chrome finish resists elements. Comfortable fluted handles are color coded by size and feature a larger diameter and end bearing surface for maximum torque.

Standard and Extra Long Nut Driver sizes are also available in 7 PIECE SETS packaged in a vinyl plastic pouch.



Hollow shafts (see illustration) make these nut drivers more versatile for a variety of jobs requiring nut setting.

Catalog Number	Hex Opening	Shank Dia.	Shank Lgth.	Hole Depth.	Nose Dia.	Handle Color	O/A Lgth.
ND6	3/16"	1/4"	3-1/8"	5-1/2"	3/8"	BLACK	6-1/4"
ND8	1/4"	5/16"	3-1/8"	6"	7/16"	RED	7-1/4"
ND10	5/16"	5/16"	3-1/8"	6"	1/2"	AMBER	7-1/4"
ND11	11/32"	5/16"	3-1/8"	6"	9/16"	GREEN	7-1/4"
ND12	3/8"	3/8"	3-1/8"	6"	9/16"	BLUE	7-1/4"
ND14	7/16"	7/16"	3-1/8"	6"	5/8"	AMBER	7-1/4"
ND16	1/2"	7/16"	3-1/8"	6"	11/16"	RED	7-1/4"

STANDARD NUT DRIVER KIT

ND7K Drivers ND6, ND8, ND10, ND11, ND12, ND14 and ND16

Standard Nut Drivers

with FULL HOLLOW SHAFTS



Extra long for extra reach.

Catalog Number	Hex Opening	Shank Dia.	Shank Lgth.	Hole Depth.	Nose Dia.	Handle Color	O/A Lgth.
ND8L	1/4"	5/16"	6"	9-3/4"	7/16"	RED	9-1/8"
ND10L	5/16"	5/16"	6"	9-3/4"	1/2"	AMBER	10-1/8"
ND12L	3/8"	3/8"	6"	10"	9/16"	BLUE	10-1/8"

EXTRA LONG NUT DRIVER KIT

Catalog Number Description/Kit Contents

NDL7K Drivers ND6L, ND8L, ND10L, ND11L, ND12L, ND14L and ND16L

Magnetic Hex Drivers

Use with Zip-in® and Type "A" hex head screws.



HHD1S



HHD2S



HHD1 Long



HHD2 Long

STANDARD LENGTHS

Catalog Number	Hex Opening	Shank Dia.	Nose Dia.	Handle Color	O/A Lgth.
HHD1S	1/4"	1/4"	3/8"	RED	7-1/4"
HHD2S	5/16"	1/4"	7/16"	AMBER	7-1/4"

LONG DRIVERS

Catalog Number	Hex Opening	Shank Dia.	Nose Dia.	Handle Color	O/A Lgth.
HHD1	1/4"	5/16"	7/16"	RED	10-1/8"
HHD2	5/16"	5/16"	1/2"	AMBER	10-1/8"

Stubby Nut Drivers



For working in confined areas.
Make small work of big jobs with three sizes.

Catalog Number	Hex Opening	Shank Dia.	Shank Lgth.	Hole Depth.	Nose Dia.	Handle Color	O/A Lgth.
ND8S	1/4"	1/4"	1-1/4"	1-1/4"	7/16"	RED	3-1/4"
ND10S	5/16"	1/4"	1-1/4"	1-1/4"	1/2"	AMBER	3-1/4"
ND12S	3/8"	1/4"	1-1/4"	1-1/4"	9/16"	BLUE	3-1/4"



1/4" Hex Shank Power Bits

MBLP4



PHILLIPS POWER BITS

Catalog Number	Point Size	Shank Dia.	O/A Length
MBLP2	3	1/4"	1-15/16"
MBLP3	2	1/4"	1-15/16"
MBLP4	2	1/4"	2-3/4"



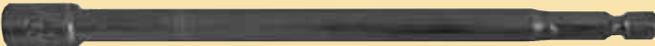
MAGNETIC HEX DRIVERS

Catalog Number	Hex Opening	Shank Dia.	Nose Dia.	O/A Length
MSH1/4	1/4"	1/4"	7/16"	1-3/4"
MSH1/4T	BULK TUB OF 100 MSH 1/4			
MSH5/16	5/16"	1/4"	1/2"	1-3/4"
MSH5/16T	BULK TUB OF 100 MSH 5/16			
MSH3/8	3/8"	1/4"	9/16"	1-3/4"



LONG STYLE

MSHL1/4	1/4"	1/4"	7/16"	2-9/16"
MSHL1/4T	BULK TUB OF 50 MSHL 1/4			
MSHL5/16	5/16"	1/4"	1/2"	2-9/16"
MSHL5/16T	BULK TUB OF 50 MSHL 5/16			
MSHL3/8	3/8"	1/4"	9/16"	2-9/16"
MSHL7/16	7/16"	1/4"	11/16"	2-9/16"



EXTRA LONG STYLE

MSHML1/4	1/4"	1/4"	7/16"	4"
MSHXL1/4	1/4"	1/4"	7/16"	6"
MSHXL1/4T	BULK BOX OF 50 MSHXL 1/4			
MSHML5/16	5/16"	1/4"	1/2"	4"
MSHXL5/16	5/16"	1/4"	1/2"	6"
MSHXL5/16T	BULK BOX OF 50 MSHXL 5/16			

Tubs and Boxes



Magnetic Hex Drivers
1/4 and 5/16 sizes also available in Bulk Tubs of 100.



Magnetic Hex Drivers
Extra Long Style
1/4 and 5/16 sizes also available in Bulk Boxes of 50.

Magnetic Hex Drivers
Long Style
1/4 and 5/16 sizes also available in Bulk Tubs of 50.



Power Bit Extensions



Ball Bearing Lock
Big 6" and 10" lengths

BHE6

BHE10

Accepts 1/4" hex power bits. Ball Bearing on holder provides a positive lock on 1/4" hex shank power bits. Tempered steel.

Catalog Number	Hex Opening	Shank Dia.	Nose Dia.	O/A Length
BHE6	1/4"	1/4"	9/16"	6"
BHE10	1/4"	1/4"	9/16"	10"

Quick Change Hex Adapter



HAD1

Accepts 1/4" hex power bits. Installs into chuck of a standard 3/8" power drill. Hex power bits can then be inserted or removed instantly without a key, by retracting the adapter sleeve. Tempered steel. Black finish.

Catalog Number	Hex Opening	Shank Dia.	Bore Depth	Sleeve Dia.	O/A Length
HAD1	1/4"	3/8"	7/8"	7/8"	1-3/4"



MBSP2

Catalog Number	Point Size	Shank Dia.	O/A Length
MBSP2	2	1/4"	1"

Magnetic Bit Holder

For 1/4" Hex Shank Insert Bits



Catalog Number	Hex Opening	Shank Dia.	Nose Dia.	O/A Length
MBH1/4	1/4"	1/4"	7/16"	3"

Spade Type Wood Bits



Individual Wood Bits	
Catalog Number	Diam.
WB38	3/8"
WB12	1/2"
WB58	5/8"
WB34	3/4"
WB78	7/8"
WB1	1"
WB118	1-1/8"
WB114	1-1/4"
WB138	1-3/8"
WB112	1-1/2"

DIAMETER CHART

Unique designed ground points and cutting edges drill faster, cleaner holes, using less power than standard spade type bits. Cut straight or angled holes in soft and hard woods, plus formica, plaster, chipboard, foam core material, many non-metallic building sidings and foam insulation. Made of one-piece special heat treated tool grade steel. Six "flat" 1/4" shank fits securely in conventional chucks. Easy to spot "size marking" is stamped on head. Bits also feature "head hole" for convenient storage and wire pulling. Resharpener with saw file or grinder. Available individually or in sets. 12" extension also available. See below.



WB6K

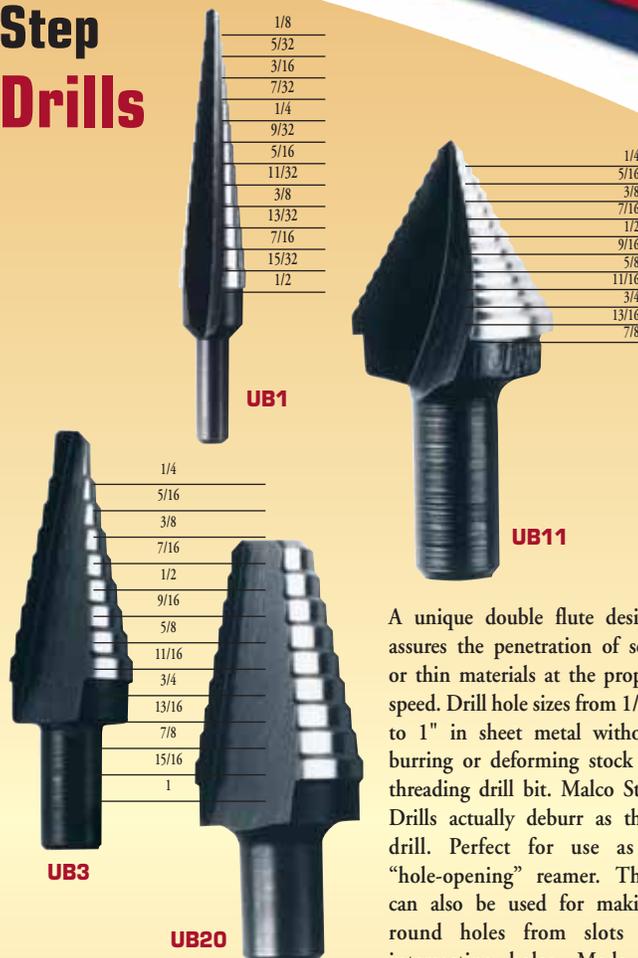
WOOD BIT KIT

Catalog Number	Description
WB6K	6 piece set: 3/8", 1/2", 5/8", 3/4", 7/8" and 1"

WOOD BIT EXTENSION

Catalog Number	Diam.	Overall Lgth.	Shank Dia.
WBEX	—	12-7/8"	1/4"

Step Drills



A unique double flute design assures the penetration of soft or thin materials at the proper speed. Drill hole sizes from 1/8" to 1" in sheet metal without burring or deforming stock or threading drill bit. Malco Step Drills actually deburr as they drill. Perfect for use as a "hole-opening" reamer. They can also be used for making round holes from slots or intersecting holes. Made of industrial grade high speed steel. Malco Step Drills are heat treated and tempered to assure maximum strength for long wearing rugged use. Completely resharpenable.

Catalog Number	Description	Depth Each Step	Elect. Drill Size	Pilot Hole Req.
UB1	Drills 13 hole sizes from 1/8" to 1/2" diameter in 1/32" (0.79) increments.	1/8"	1/4"	No
UB20	Drills 8 hole sizes from 9/16" to 1" diameter in 1/16" increments.	1/8"	3/8"	1/2"
UB3	Drills 9 hole sizes from 1/4" to 3/4" diameter in 1/16" increments.	1/8"	3/8"	No
UB11	Drills 11 hole sizes from 1/4" to 7/8" diameter for creating 1/2" knock outs.	N/A	3/8"	No

Carbide Tipped Rotary-Percussion Bits

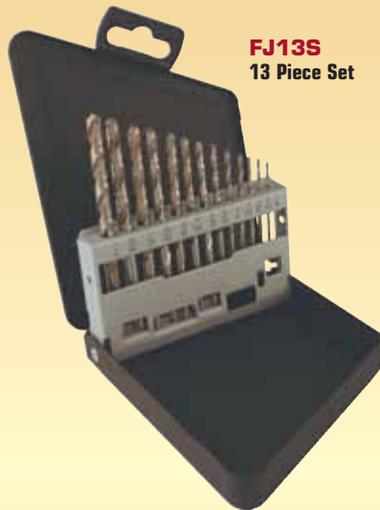


Use in any rotary or rotary percussion drilling device for unexcelled performance in brick, tile, granite, concrete, masonry and other similar hard and dense materials. Brazed tungsten carbide tips have 120° chamfer and are specially tempered for strength and long life.

Catalog Number	Bit Dia.	Shank Dia.	Nominal O/A Lgth.
RP01	1/8"	1/8"	3"
RP04	3/16"	3/16"	3-1/2"
RP09	1/4"	1/4"	4-1/4"
RP10	1/4"	1/4"	6"
RP18	5/16"	5/16"	4-1/2"
RP46	1/2"	3/8"	6-3/4"



Jobber Drill Sets



FJ13S
13 Piece Set

Catalog Number	Description
FJ13S	Fractional sizes in metal DRILDEX container. Sizes: 1/16 to 1/4" x 64ths.



FJ60S
60 Piece Set
Wire Gauge

Catalog Number	Description
FJ60S	Wire gauge sizes in metal DRILDEX container. Sizes: 1 to 60.

20 Piece Orifice Drill Set

FJ6180
includes PV1
Pin Vise



Catalog Number	Description
FJ6180	Wire gauges sizes for drilling or cleaning oil and gas orifices. Metal DRILDEX container. Sizes: 61 to 80. Includes pin vise.

High Speed Jobber Length Drills



General purpose drills. 118° conventional point angle allows deep drilling in a variety of materials including metal.

FRACTIONAL SIZES

Catalog Number	Decimal Equiv. Inches	Length Overall Inches
FJ1/8	.1250	2-3/4
FJ3/16	.1875	3-1/2
FJ1/4	.2500	4
FJ5/16	.3125	4-1/2
FJ3/8	.3750	5
FJ1/2	.5000	6

Sheet Metal Drills



Sheet metal drills with 135° split point design bite into metal precisely where wanted - will not wander.

FRACTIONAL SIZES

Catalog Number	Decimal Equiv. Inches	Length Overall Inches	Pkg. Size
FS1/8	.1250	1-7/8	1
FS3/16	.1875	2-3/16	1
FS1/4	.2500	2-1/2	1

FS Series with 1/4" reduced shank

FS5/16	.3125	2-13/16	1
FS3/8	.3750	3-1/8	1
FS1/2	.5000	3-3/4	1

WIRE GAUGE SIZES

FS29	.1360	1-15/16	1
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POLISHED DRILLS

PFS1/8	.1250	1-7/8	12
PFS30	.1285	1-15/16	12
PFS1/4	.2500	2-1/2	12

BLACK NITRIDED DRILLS

NFS1/8	.1250	1-7/8	12
NFS30	.1285	1-15/16	12

Pin Vise

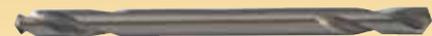


PV1

Use in hand or insert in drill chuck. Pin Vise holds wire gauge drill sizes 60 to 97.

Catalog Number	Capacity	Length
PV1	Gauge sizes 60-97	3"

Double Ender Sheet Metal Drills



Two Points for **TWICE** The LIFE, **TWICE** the CONVENIENCE

POLISHED DRILLS

Catalog Number	Decimal Equiv. Inches	Length Overall Inches	Length of twist Inches	Pkg. Size
DE1/8	.1250	2	1/2	12
DE30	.1285	2	1/2	12
DE9/64	.1406	1-15/16	1/2	12
DE3/16	.1875	2-3/16	1/2	12
DE1/4	.2500	2-1/2	1/2	12



DE1/8B

DOUBLE ENDERS IN BULK PACKS

Catalog Number	Description	Pkg. Size
DE1/8B	Bulk Double Enders	144
DE30B	Bulk Double Enders	144

BLACK NITRIDED DRILLS

Catalog Number	Decimal Equiv. Inches	Length Overall Inches	Length of twist Inches	Pkg. Size
NDE1/8	.1250	2	1/2	12
NDE30	.1285	2	1/2	12



**Work overhead
and in tight corners!**



1/8" Ceiling Grid Punch



CGP

Malco's unique, Ceiling Grid Punch makes a clean 1/8" (3.2 mm) hole in up to three layers of 25 gauge (0.53 mm) ceiling grid. The tool's slim but strong steel "C" frame allows easy access in tight corners and is ideal for punching through main tees and perimeter wall angle that is to be secured with rivets. A generous throat opening allows full operation from the edge of both standard 1" and 1/2" (25.4 & 12.7 mm) grid

profiles. The Malco Ceiling Grid Punch features durable all steel construction and rust resistant nickel plate and black oxide finishes; the tool steel punch is easily replaceable. Lightweight, one hand operation, aided by compound leverage, helps assure a consistent professional quality installation. Tool also features non-slip vinyl grips with hand stops for added comfort and control.

Catalog Number	Punch in. (mm)	Overall Length in. (mm)	Net Wt. oz. (g)
CGP	1/8 (3.2)	9 (229)	19 (539)

Material:	Aluminum	Copper	Stainless Steel	Galvanized Steel 24 Gauge	Mild Steel 22 Gauge
Inches (mm)	n/a	n/a	n/a	.028 (0.71) up to 3 layers	.030 (0.76) up to 3 layers

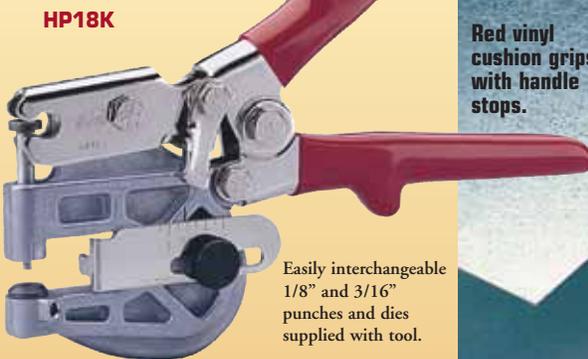
REPLACEMENT PUNCH (Die is part of frame)

CGP18	1/8" Replacement Punch Only
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TOOL SPECIFICATIONS

Punch / Frame	Variable Leverage Ratio High/Low Throughout Stroke
Tool Steel Punch w/ Alloy Steel Frame	6.7 to 1.0 - 8.4 to 1.0

1/8"-3/16" Hole Punch



HP18K

Easily interchangeable 1/8" and 3/16" punches and dies supplied with tool.

Compound Handle Leverage for maximum ease of operation.

Red vinyl cushion grips with handle stops.



Catalog Number	Punch in. (mm)	Overall Length in. (mm)	Net Wt. oz. (g)
HP18K	1/8 (3.2) & 3/16 (4.8)	9 (229)	16 (454)

Does the work of more expensive bulkier punches faster and easier. Work overhead to pre-punch rivet holes in suspended ceiling grids or use in any edge application for making holes in window extrusions, metal ductwork or sheet stock. Compound leverage increases one hand mechanical advantage 8 to 1. Spring return handles allow quick set-up for repetitive applications. Stop gauge permits adjustments from 1/4" to 1-1/8"

(6.4 to 28.6 mm) depths from edge of material. Punch and die are easily replaceable or changed to another size. Punch and dies are constructed from high quality tool steel used in commercial high production punch press dies. Body of tool consists of lightweight, aluminum die cast "C" frame and rust resistant nickel plated steel handles and parts. Tool also features non-slip vinyl grips with hand stops for added comfort and control.

REPLACEMENT PUNCHES AND DIES

HPD18	1/8" Replacement Punch & Die Kit
HPD316	3/16" Replacement Punch & Die Kit

Material:	Aluminum	Copper	Stainless Steel	Galvanized Steel 24 Gauge	Mild Steel 22 Gauge
Inches (mm)	n/a	n/a	n/a	.028 (0.71) up to 2 layers	.030 (0.76) up to 2 layers

METRIC PUNCHES AND DIES

HPD36M	3.6 mm Replacement Punch & Die Kit
HPD41M	4.1 mm Replacement Punch & Die Kit
HPD63M	6.3 mm Replacement Punch & Die Kit

TOOL SPECIFICATIONS

Punch / Frame	Variable Leverage Ratio High/Low Throughout Stroke
Tool Steel Punch w/ Alloy Steel Frame	6.7 to 1.0 - 8.4 to 1.0



Hand Riveters

2-in-1 Hand Riveter



2 IN 1



LONG STROKE

Bolt in upper hole for easy pulling rivets in one pull



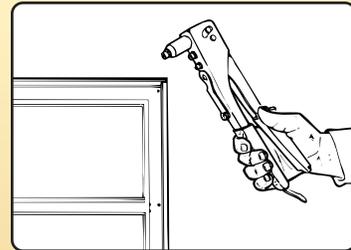
SHORT "RATCHET ACTION" POWER STROKE

Bolt in lower hole for hard pulling rivets in several easy pulls

Economy Hand Riveter



CR18



One hand operation with normal squeezing action provides enough pulling power to set all popular size rivets (see spec. columns below). 2-in-1 adjustment features a single long stroke for most hand riveting applications and a short "ratchet action" power stroke for setting larger diameter rivets. Outside jaw-grip adjustment wheel opens and closes jaws with fingertip ease to fit any size mandrel and to obtain maximum stroke efficiency. Professional slim nose allows 2-in-1 to go where other hand riveters cannot. Ideal for reaching into corners and recessed areas. Three nosepieces 1/8", 5/32" and 3/16" included with tool. Nosepieces are stored in handle. Heavy duty all steel construction insures long life and minimum wear. Polished finish, nickel-chrome plated. Red vinyl cushion grip and hand stop.

Catalog Number	Capacities in. (mm)	Tool Length in. (mm)	Net Wt. oz. (g)
2-in-1	3/32 thru- 3/16 (2.4 - 4.8) steel rivets	8 (203)	20 (567)
	3/32 thru- 5/32 (2.4 - 4.0) stainless steel rivets		

ACCESSORIES & PARTS

Catalog Number	Description
ER41	Jaws for 2 in 1
ER44	3/16" nosepiece for 2 in 1
ER45	1/8" nosepiece for 2 in 1
ER46	5/32" nosepiece for 2 in 1
HR3-7	Adjustment rod assembly for 2 in 1

Lightweight, compact size and slim nose projection allows this riveter to go wherever the work is. Four rivet nosepieces: 3/32", 1/8", 5/32", 3/16" store in handle. Ideally suited for blind riveting applications in aluminum windows, gutter and downspout. **Not for use with 5/32" or 3/16" steel rivets (steel rivets larger than 3.2 mm).** Spring return handles and comfortable contour grip make operation fast and easy. Just open handles and insert rivet into tool until flange touches nosepiece. Squeeze handles slightly to allow jaws to grip rivet mandrel. Insert rivet into pre-drilled work to be fastened and squeeze handles until mandrel snaps. Release grip on handles and mandrel will drop out front end of tool when tilted.

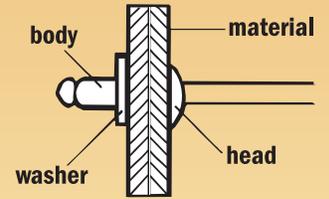
Rugged steel construction with black paint finish and comfortable vinyl grip. Secure handle latch makes this tool easy to fit in pouch or pocket.

Catalog Number	Capacities in. (mm)	Tool Length in. (mm)	Net oz. (g)
CR18	3/32 thru 1/8 (2.4 - 3.2) steel rivets	8 (203)	22 (624)

Blind Rivets

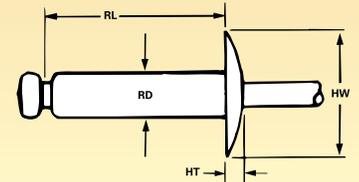
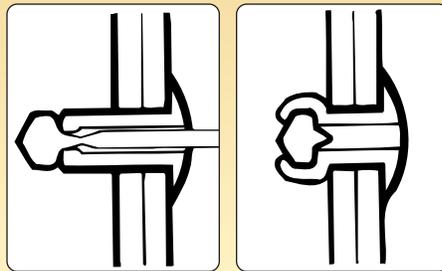


Rivet Washers



Back up washers for riveting in soft materials. Non-blind applications only. Install washer on rivet head protruding through backside of material to be fastened. Washers are zinc plated steel.

Catalog Number	Size in. (mm)	I.D. in. (mm)	O.D. in. (mm)	Thickness in. (mm)
4RW	1/8 (3.18)	.130 (3.30)	.500 (12.70)	.0478 (1.21)
5RW	5/32 (3.98)	.160 (4.06)	.500 (12.70)	.0478 (1.21)
6RW	3/16 (4.75)	.191 (4.85)	.500 (12.70)	.0478 (1.21)



Rivet Dia.	Steel Rivet Plated Steel Mandrel	Aluminum Rivet Aluminum Mandrel	Aluminum Rivet Plated Steel Mandrel	Stainless Rivet Stainless Mandrel	Copper Rivet Plated Steel Mandrel	Hole Size # Drill No.	RL-Rivet Body Length	RD-Rivet Body Diam.	HW-Rivet Head Width	HT-Rivet Head Thickness	Grip Range
1/8"	SS42D	AA42D	AS42D	SS/SS42D	CS42D		.232	.125	.250	.032	.063-.125
1/8"	SS43D	AA43D					.294	.125	.250	.032	.126-.187
1/8"	SS44D	AA44D	AS44D	SS/SS44D	CS44D		.357	.125	.250	.032	.188-.250
1/8"	SS46D	AA46D		SS/SS46D			.481	.125	.250	.032	.313-.375
1/8"		AA48D		SS/SS48D		.128-.132	.606	.125	.250	.032	.376-.500
Drill #30											
1/8"	SS42DW	AA42DW **					.232	.125	.250	.032	.063-.125
1/8"	SS44DW	AA44DW **					.357	.125	.250	.032	.188-.250
3/16"	SS62D						.277	.187	.375	.047	.020-.125
3/16"	SS64D	AA64D				.192-.196	.402	.187	.375	.047	.188-.250
3/16"	SS66D					Drill #11	.527	.187	.375	.047	.251-.375

** DW= White Painted Rivets. See below for more painted rivets.

NOTE: Package sizes available in handy boxes, tubs or bulks. Consult your Malco Suggested Trade Prices for specific package quantities available for each size. Count on Malco for full, accurate piece counts in every fastener pack you buy.

Painted Rivets

Aluminum Rivet & Mandrel

AA42DCC	=	Classic Cream
AA42DMB	=	Musket Bronze
AA42DRB	=	Royal Brown
AA42DW	=	White

AA44DMB	=	Musket Bronze
AA44DRB	=	Royal Brown
AA44DW	=	White



Available in 100 piece bags. See price list for more package sizes.

Rivet Mandrel	Rivet Dia.	Minimum Lbs. Shear	Tensile
Steel Rivet Steel Mandrel	1/8"	260	310
	3/16"	540	680
Aluminum Rivet Aluminum Mandrel	1/8"	120	150
	3/16"	260	320
Aluminum Rivet Steel Mandrel	1/8"	120	150
	3/16"	260	320
Stainless Rivet Either Mandrel	1/8"	420	530
	3/16"	950	1200
Copper Rivet Steel Mandrel	1/8"	350	450

SHEAR & TENSILE STRENGTHS



Bit-Tip®

Drill & Tap Screws

drills its own hole, taps a matching thread in steel .220 thick in less time than it takes to drill a pilot hole for other standard fasteners



TOP VIEW



HEX
WASHERS



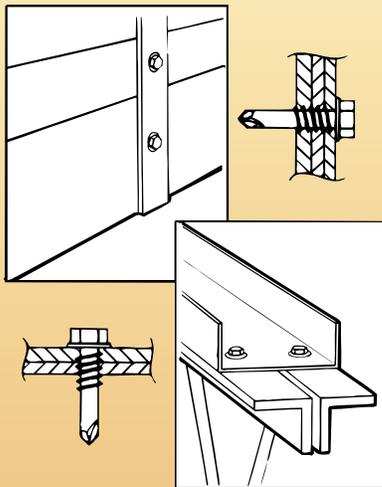
TOP VIEW



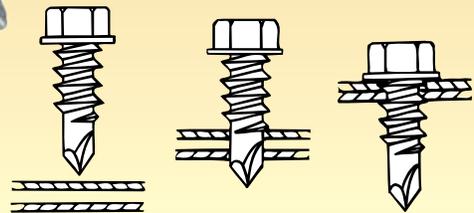
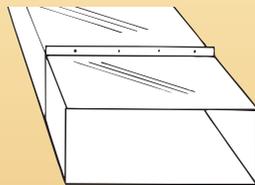
HEX Slotted
WASHERS

Industrial Applications

Structural / Layered Metal



Duct Work



The One Operation Fastener with the

TRUE DRILLING ACTION POINT!

By drilling its own hole, **Bit-Tip®** produces the optimum hole size, resulting in better thread engagement and a tighter fit. One operation fastening also means no alignment problems.

Bit-Tip® has a wide range of industry applications. Select the **Bit-Tip®** that's right for the job. Point length will determine metal thickness that can be drilled, tapped and fastened. Also, plywood, soft wood, composition board, drywall, insulation and laminates may be fastened to metal framing or components.

Made from strong, high quality, specially heat treated steel. **Bit-Tip®** Self Drilling and Tapping Screws are precision cold forged insuring uniformity of dimension and drill point contours.

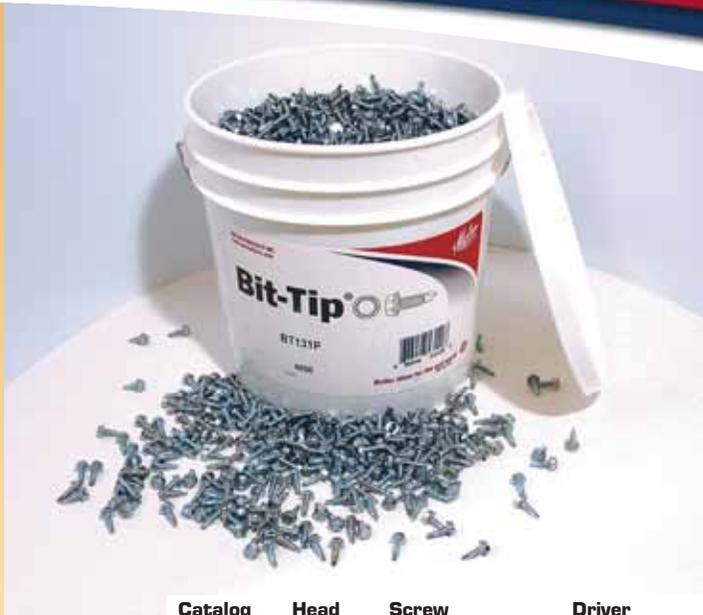
The versatile **Bit-Tip®** Screw is an excellent replacement for fastening operations now using rivets, nuts and bolts, spot welds or adhesives.

Bit-Tip® also eliminates the need for costly auxiliary fastening equipment such as drill bits, taps and welding equipment.

Requires only a standard screw gun power tool rated at 2500 RPM equipped with drilling depth locator.



® Trademarked & Patented Head Markings indicate one and only genuine Bit-Tips.
U.S. Patent No. D524,638



NOTE: Package sizes available in handy boxes, tubs, bulks and NEW PAILS!

* Denotes popular screw sizes available in pails.

Consult Malco Suggested Trade Prices for specific package quantities available for each screw size. Count on Malco for full, accurate piece counts in every BIT-TIP pack you buy.

Material thickness recommendation for Bit-Tips®

FOR THIS MATERIAL THICKNESS			
.050	.100	.150	.200

Catalog Number Head Type Screw Size Driver Size

HEX WASHER, SLOTTED HEX WASHER BIT-TIP®

BIT-TIP SCREW #2 POINT	*	BT131	HW	8-18x1/2	1/4	.035	.100
		BT132	HW	8-18x5/8	1/4		
	*	BT133	HW	8-18x3/4	1/4		
		BT134	HW	8-18x1	1/4		
		BT231	HS	8-18x1/2	1/4		
		BT233	HS	8-18x3/4	1/4		
		BT234	HS	8-18x1	1/4		
	*	BT141	HW	10-16x1/2	5/16	.035	.110
#3		BT142	HW	10-16x5/8	5/16	.110	.175
	*	BT143	HW	10-16x3/4	5/16		
		BT144	HW	10-16x1	5/16		
		BT153	HW	10-24x3/4	5/16		
		BT156	HW	10-24x1-1/2	5/16		
#3		BT163	HW	12-14x3/4	5/16	.110	.210
		BT164	HW	12-14x1	5/16		
		BT174	HW	1/4-14x1	3/8		

Test results furnished are given purely as a guide and do not constitute a warranty of any type. Results may vary by modification to the fastener or in certain applications.

BIT-TIP® SCREW STRENGTH

Thread Size	Point Size	Pull-out values (lbs.) in common steel gauges											Tensile Strength (lbs.)	Torsional Strength (lbs.)		
		26	24	22	20	18	16	14	13	1/8	10	3/16				
6	20	#2	141	208	268	331	513	633	874					1125	24	
	8	18	#2	150	187	289	334	507	643	977				1575	42	
10		16	#2	145	235	295	364	572	708	1,015	1,972			2100	61	
		24	#3								1,528	2,120	2,199	2350	65	
12	14	#3									1,541	1,990	2,650	3,515	2800	92
	14	#3									1,504	1,818	2,413	3,190	3850	150
1/4	14	#3									1,788	2,330	2,830	4,420	4275	168



Zinc Plated

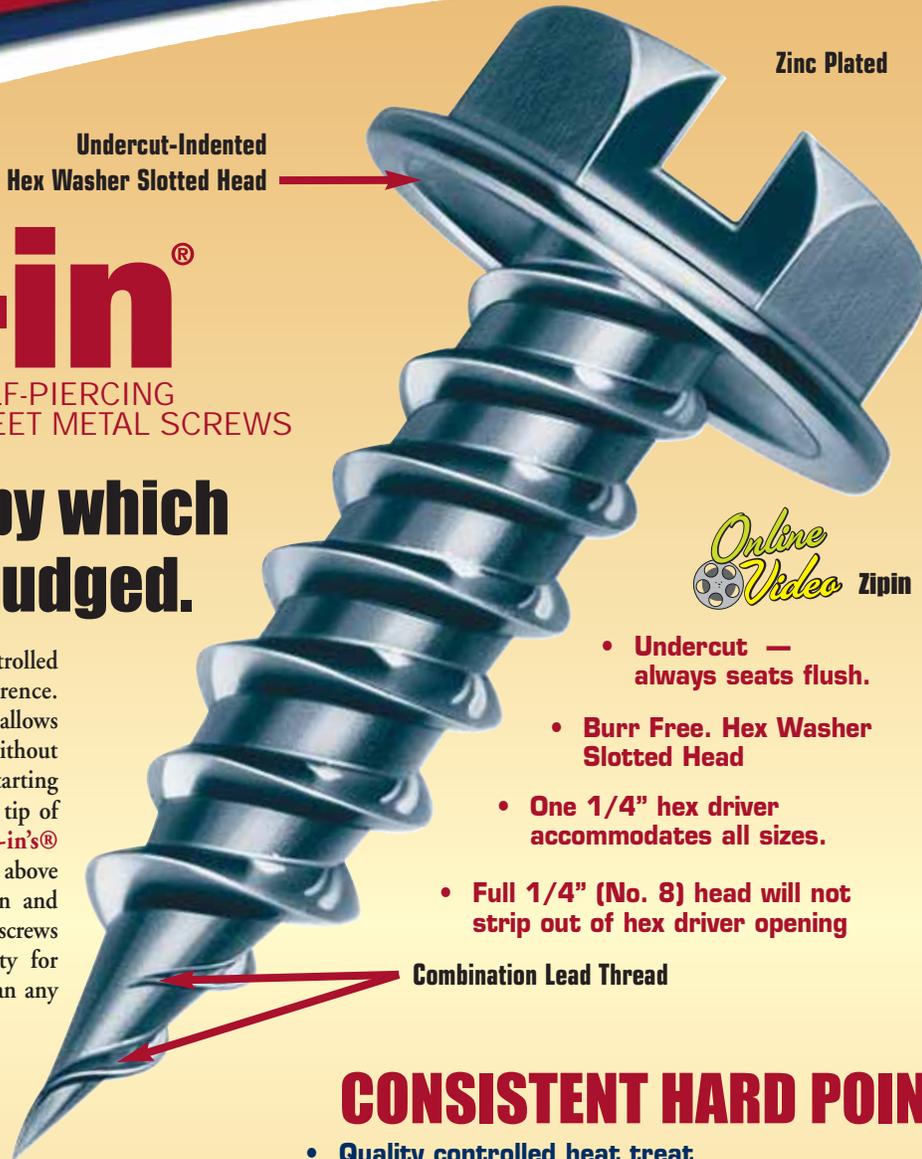
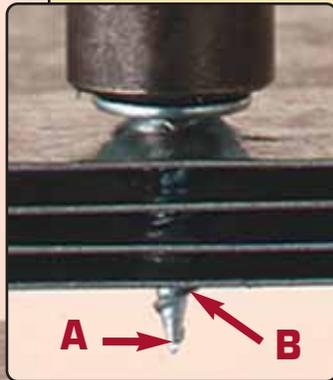
Undercut-Indented
Hex Washer Slotted Head

Zip-in®

SELF-PIERCING
SHEET METAL SCREWS

The Standard by which all others are judged.

A unique thread design and quality controlled manufacture spell the Zip-in® difference. Zip-in's® sophisticated heat treat process allows the screw to taper to a fine, sharp point without sacrificing critical point strength. A single starting thread (A) is machined down to the very tip of the point and is the source of Zip-in's® penetrating power. A second thread (B) above the point engages after initial penetration and moves the screw in double fast. Zip-in® screws are faster driving, with a greater capacity for fastening heavier gauges of sheet metal than any other self-drilling type.



Online
Video Zipin

- Undercut — always seats flush.
- Burr Free. Hex Washer Slotted Head
- One 1/4" hex driver accommodates all sizes.
- Full 1/4" (No. 8) head will not strip out of hex driver opening

Combination Lead Thread

CONSISTENT HARD POINT

- Quality controlled heat treat
- Sharp tapered point will not mushroom or break
- No Walking
- Complete operator control - precise hole alignment.

COMBINATION LEAD DOUBLE THREAD DESIGN

- Single starting thread machined down to very tip of screw point
- Instantly penetrates and engages in heavy gauge sheet metal and layered light gauge.



® Trademarked & Patented Head Markings
indicate one and only genuine Zip-ins.
U.S. Patent No. D524,638

Malco

Zip-in® Selection



NOTE: Package sizes available in handy boxes, tubs, bulks and pails.

Catalog Number	Head Color	Head Size
HW6x3/8Z		1/4"
* HW8x1/2Z		1/4"
* HW8x3/4Z		1/4"
* HW8x1Z		1/4"
* HW8x1-1/2Z		1/4"
* HW8x2Z		1/4"
HW10x1/2Z		1/4"
HW10x3/4Z		1/4"
HW10x1Z		1/4"

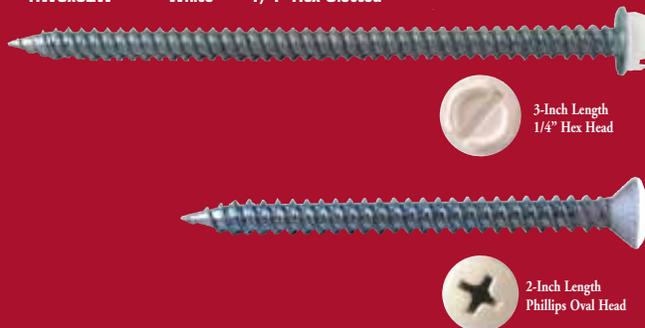


* Denotes popular screw sizes available in pails.

Consult Malco Suggested Trade Prices for specific package quantities available for each screw size. Count on Malco for full, accurate piece counts in every ZIP-IN package you buy.

WHITE PAINTED ZIP-IN® REGISTER SCREWS

Catalog Number	Color	Head Size
HW8x1-1/2ZW	White	1/4" Hex Slotted
HW8x2ZW	White	1/4" Hex Slotted
HW8x3ZW	White	1/4" Hex Slotted



Catalog Number	Color	Head Size
PO8x2ZW	White	#2 Phillips

Painted Sheet Metal Screws

RB = Royal Brown W = White
 MB = Musket Bronze CC = Classic Cream
 A = Almond CL = Clay

Catalog Number	Head Size
HW6x3/8ZA	1/4"
HW6x3/8ZCC	1/4"
HW6x3/8ZCL	1/4"
HW6x3/8ZMB	1/4"
HW6x3/8ZRB	1/4"
HW6x3/8ZW	1/4"
HW8x1ZRB	1/4"
HW8x1ZW	1/4"
HW8x3/4ZRB	1/4"
HW8x3/4ZW	1/4"



Packaged in bags.

DRILL-IN SCREWS

TYPE A, SINGLE THREAD

5/16" HEAD SIZE
Catalog No.
HW10x1-1/2
HW10x2
HW12x2



Red Lip Plastic Anchors



Use with wood, sheet metal or lag screws. Flexible anchor is ideal for masonry or stone. Lip on collar prevents anchor from pushing through hole in hollow walls.

Catalog Number	Anchor Size	For Screw Size(s)	Uses Bit Dia.
PA810	3/16" x 7/8"	8-9-10	3/16"
PA1012	1/4" x 1"	10-12	1/4"
PA1416	5/16" x 1-3/8"	14-16	5/16"

RED LIP PLASTIC ANCHOR KITS

All kits contain equal quantities of anchors and screws with one matching carbide tipped drill bit.

KITS WITH SLOTTED PAN HEAD SCREWS

Catalog Number	Anchor Size	Screw Size(s)	Uses Bit Dia.	Anchor Kit Quantity
PA810K	3/16" x 7/8"	SP8x1	3/16"	100
PA1012K	1/4" x 1"	SP10x1-1/4	1/4"	100
PA1416K	5/16" x 1-3/8"	SP14x1-1/2	5/16"	50

KITS WITH HEX WASHER HEAD SCREWS

Catalog Number	Anchor Size	Screw Size(s)	Uses Bit Dia.	Anchor Kit Quantity
PA810KW	3/16" x 7/8"	HW8x1Z	3/16"	100
PA1012KW	1/4" x 1"	HW10x1Z	1/4"	100

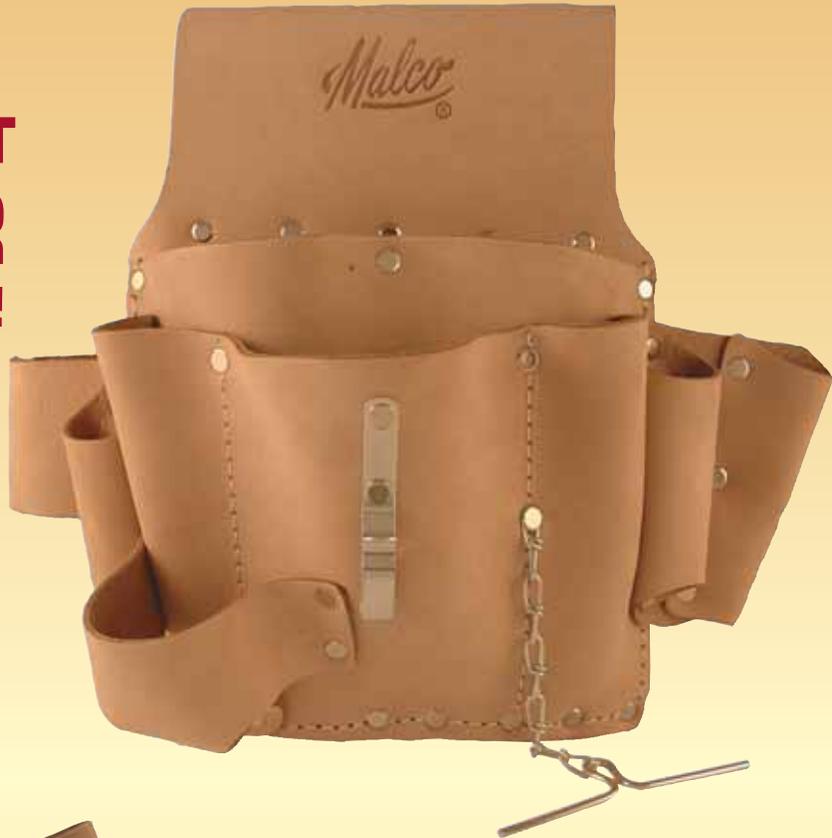


MALCO'S MOST POPULAR LEATHER POUCH!

TP3 ELECTRICIAN'S
Heavy Chrome Tanned,
Brushed Leather

**NINE COMPARTMENT
ELECTRICIAN'S POUCH:**

Heavy chrome tanned, brushed leather, 2 large flared inside pockets with center divider, back wall slots for 3 drivers, 3 flared deep front pockets, 3 outside open end driver slots, swing chain "T" bar for friction tape and riveted harness snap for small tool or knife. Holster for steel tape (12" x 3/4" tape capacity), outside hammer loop and wide tunnel belt loop. Our most popular leather pouch! 8-1/2" x 10" (216 x 254 mm).



TPB1
Web Belt
Army spec. hardware

WEB BELT: 2-1/4" (57 mm) wide heavy webbing. U.S. Army spec. hardware. Adjustable up to 46" (1168 mm) waist.



TPB3
DELUXE LEATHER BELT
Double Tongued roller buckle.

DELUXE LEATHER BELT: Distinctive 2" (51 mm) wide saddle leather belt. Double tongue roller buckle. One size fits all, cut off to desired length from 30" to 46" (76 to 117 cm).



TPB4
1-3/4" (45 mm)
WIDE Leather Belt

HEAVY DUTY WIDE LEATHER BELT: Distinctive tooled 9-10 oz. saddle leather. Heavy roller buckle and leather keeper. One size fits all, cut off to desired length from 30" to 46" (76 to 117 cm).

Tool Pouches



TP12
TWO BAG APRON: Suede (split leather) and saddle leather construction. The look of top grain moccasin without the price.

TWO BAG SUEDE APRON: Heavy duty golden tan suede and saddle leather construction, rivet reinforced, 2 large pockets, 2 front pockets, 4 small tool pockets, 25" tape pocket, right and left hammer loops, combination square loop, 4 small tool holders, 2-1/4" (57 mm) belt with nickel plated hardware adjusts to 48" (122 cm) waist size. 9-1/4" x 9-1/4" (235 x 235 mm).

TP67
NAIL AND TOOL BAG: Moccasin



TP81
Fastener Pouch



FASTENER POUCH: 4-5 oz. chrome tanned, suede split leather with Velcro closure, clips to belt or tape measure clip. 4-1/2" x 5-1/2" (114 x 140 mm).

5-POCKET NAIL BAG AND TOOL POUCH: Heavy 5-1/2 oz. ball glove leather. Large bellows flared main pocket, ample outside pocket for fasteners, 2 small tool pocket and 4 punch size pockets. Double stitched and rivet reinforced. Wide tunnel loop fits web belt. Leather hammer loops on right and left size. 9" x 11-1/2" (229 x 292 mm)



Pouches

TP18
Utility Knife Sheath



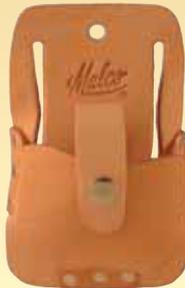
TP21
Plier Holster
Molded



TP25
Hammer
Loop



TP33
Tape Rule
Holder



TP201
SNIP HOLSTER
Fits all Andy™ snips



Catalog Number Description / Nominal Dimensions

TP18 **UTILITY KNIFE SHEATH:** Fiber lined, closed end sheath fits Malco 3PK and 4PK knives and all other major brand utility knives. Heavy-duty, top grain saddle leather. 5-1/2" x 1-1/2" (140 X 38 mm) fiber lined, tunnel pocket with closed bottom to resist cutting. Rivet reinforced pocket for extra strength. Extra wide 2-3/4" (70 mm) belt slots. 3-1/4" x 5-1/2" (83 x 140 mm)

TP21 **MOLDED PLIER HOLSTER:** Top grain saddle leather. Tunnel loop fits web belt. 2-1/2" x 8" (64 x 203 mm).

TP25 **STEEL LOOP HAMMER HOLDER:** 2 x 2" (51 x 51 mm) riveted steel wire loop. Heavyweight strap leather. Wide belt slots. 4-1/2" x 8" (114 x 203 mm).

TP33 **STEEL TAPE RULE HOLDER:** 25' x 1" capacity. Saddle leather pre-formed pocket. Belt slots fit wide web belt. 3-1/2" x 4-1/2" (89 x 114 mm).

Catalog Number Description / Nominal Dimensions

TP201 **SNIP HOLSTER:** Fits all Malco Aluminum Snips. Saddle leather. Double stitched and rivet reinforced. Wide tunnel loop. 14" x 4" (356 x 102 mm).

TP45
Cordless Drill
Holster

"Quick Draw" 45° Angle!

TP45 **CORDLESS DRILL HOLSTER:** Top grain saddle leather, rivet reinforced, large mouth, 45° opening for easy removal & drop-in access, fits medium to large cordless drills, wide loop for 2-1/2" (64 mm) belt. 7-3/4" x 13-1/2" (197 x 343 mm).



TP601
FLEX DUCT CUTTER
SHEATH

Tailor made for the Malco FDC1 Flex Duct Cutter and FDC2 Flex Duct Shear.

The TP601 Sheath is constructed of heavy, top grain saddle leather - double stitched and rivet reinforced.



Catalog Number	Description	Length in. (mm)
TP601	Leather Sheath for FDC1 & FDC2 Duct Cutters.	13-1/2 (343)



**TPA1
TEN POCKET APRON**

Description / Nominal Dimensions

TEN POCKET WAIST APRON: Double tier pockets feature 2 large flared nail pockets. 1 small nail center pocket, 4 tool pockets and 3 nail-center punch pockets. Duck canvas is reinforced with heavy duty stitching. Nylon hammer loops on right and left sides. 10-1/4" x 22-3/4" (26 x 58 cm).



**TPA3
LARGE POCKET APRON**

Description / Nominal Dimensions

LARGE POCKET WAIST APRON: Two large 7" x 8" (178 x 203 mm) flared nail pockets offer large capacity and easy hand access. Nylon hammer loop will not bind against hammer handle. Apron also features two small side pockets for tools. Made of 9-10 oz. duck canvas. Completely bound. 8-1/2" x 21" (22 x 53 cm).



**TPA5
SIX POCKET
BIB APRON**

Description / Nominal Dimensions

6 POCKET BIB APRON: 10 oz. duck canvas. Large bib pocket and pencil sheath, 2 large nail pockets at waist and 2 small tool side pockets. Reinforced with heavy duty stitching. Nylon hammer loop. 18-1/2" x 22-1/4" (47 x 57 cm).



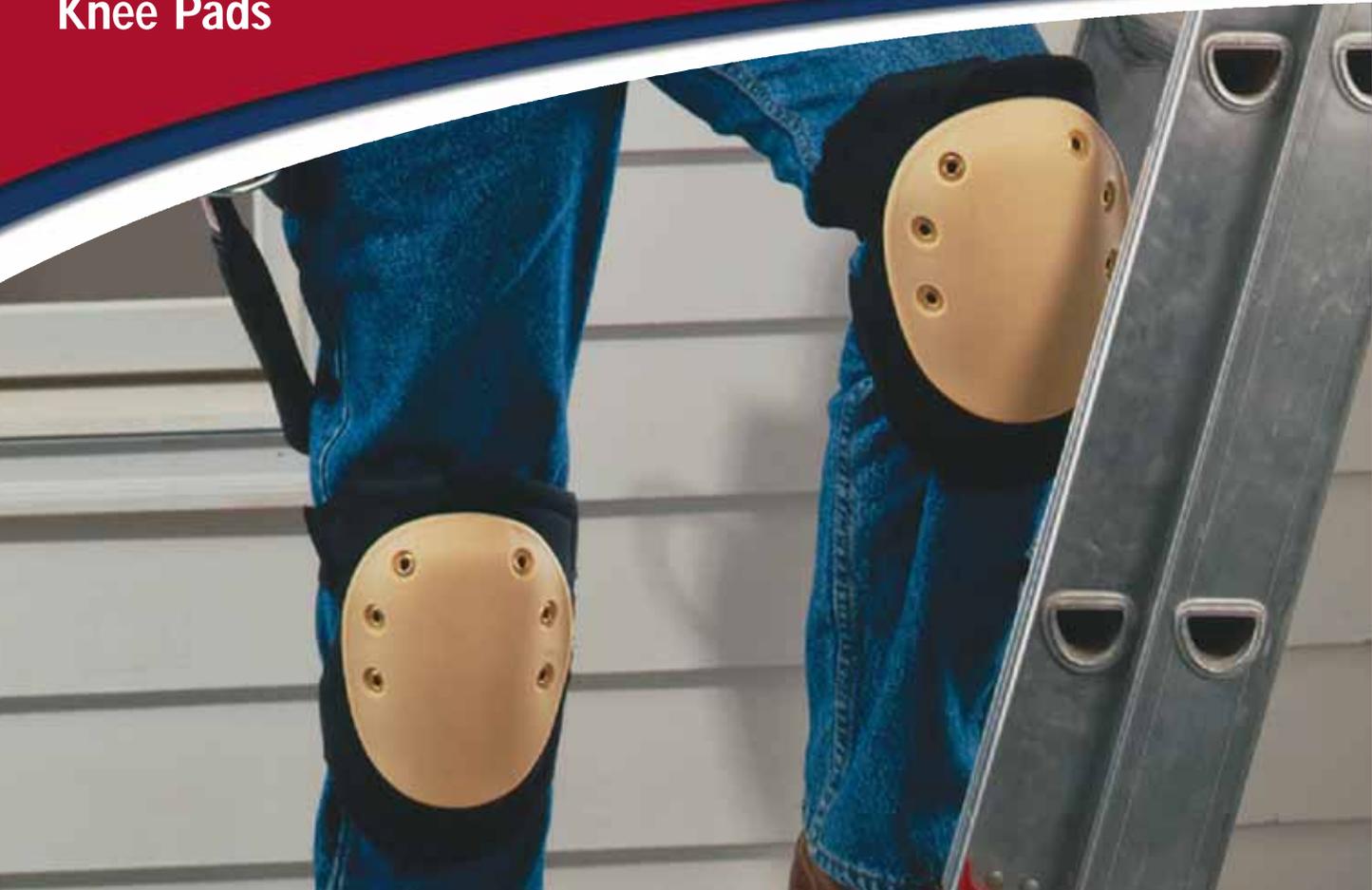
**TPA4
SHOP APRON**

Description / Nominal Dimensions

BLUE DENIM SHOP APRON: Below knee length apron has 2 large pockets and slot at waist, swing pocket and pencil pocket at chest level. Criss-cross over the shoulder straps with grommets at waist. Double stitched throughout. 37" x 26" (94 x 66 cm).



Knee Pads



TPKP3
SOFTCAP: Ideal for roofers!



Catalog Number Description / Nominal Dimensions

TPKP3 SOFTCAP KNEE PADS: Foam padded to hug the knees and covered with tough **DuPont CORDURA®**. Non-slip surface prevents sliding. Long thick cap improves weight distribution, and wider elastic straps hold pads more securely. Thicker contoured foam and adjustable closures provide added comfort and mobility. Natural color cap is non-marring.

TPKP2
HARDCAP CONTOURED
KNEE PADS



Catalog Number Description / Nominal Dimensions

TPKP2 HARDCAP KNEE PADS: Foam padded to hug the knees and covered with tough **DuPont CORDURA®**. Offers superior protection and body weight distribution so user can swivel and slide freely on working surface. Thicker foam padding and adjustable closures provide added comfort and mobility.

TPKP8
FOAM RUBBER
KNEE PADS



Catalog Number Description / Nominal Dimensions

TPKP8 FOAM RUBBER KNEE PADS: For maximum wearing comfort. 3/4" (19 mm) adjustable polypropylene strap per pad for secure, comfortable fit.



Metal Tool Box

1602 VERSATILE SIZE with SINGLE COMPARTMENT TRAY

Constructed of heavy-gauge steel with baked-on enamel finish. Smooth rolled edges provide maximum wall strength. Weather resistant seams are complimented with a protective watershed style cover attached with a full length piano hinge. A strong comfortable handle grip withstands years of daily use. Oversized positive catch draw bolts, with padlock eyes, provide added security.

Catalog Number	Nominal Dimensions (L - W - H) in. (cm)	Net oz. (g)
1602	20 x 10 x 9 (51 x 25 x 23)	9.5 (4.31)

Rust Proof Plastic Tool Boxes



1671



1672

Large capacity tool boxes are lightweight yet durable polypropylene construction. Rust proof polypropylene also resists grease and most solvents. Boxes are fully lockable with polished steel drawbolts and removable tray.

Catalog Number	Nominal Dimensions (L-W-H) in. (cm)	Net Wt. lbs (kg)
1671	16-3/4 x 8 x 7-1/2 (43 x 20 x 19) w/tray	3.44 (1.56)
1672	20 x 9-1/2 x 9 (51 x 24 x 23) w/tray	4.81 (2.18)

Tote Tray



1660

These heavy duty, crush proof tote trays are great for carrying hand tools and fasteners to the job site. Rust proof polypropylene body material is long wearing, lightweight and portable. Three roomy compartments to accommodate all the tools you need. Comfortable hand grip rolls to outside - will not bit into palm of hand. Model 1660, tote box only.

Catalog Number	Nominal Dimensions (L-W-H) in. (cm)	Net Wt. lbs (kg)
1660	15 x 10 x 4-1/2 (38 x 25 x 11)	1.75 (0.79)





Backerboard **SHEAR**

Now turn your power drill into a "Backerboard Shear"! Malco's unique TSF2 TurboShear attaches to your existing cordless or A/C drill to go where the work is.



The TSF2 TurboShear also navigates curves for window and door arches!



ONE-HAND Operation GOES ANYWHERE!
Attaches to cordless or corded drills

Versatile TSF2 TurboShear accessory fits any 14.4 V or larger cordless or standard A/C power drill for easy operation anywhere on the job site.

Did you know?

The original model name was TSFC. Now with an expanded line of popular TurboShear tools, the new name for this preferred backerboard shear is TSF2.

Catalog Number	Description	Net Wt. lbs. (kg)
TSF2	TS Fiber Cement Backer Board	3.03 (1.37)

Pex Tubing UNCOILER

Use for hydronic in-floor radiant heating layout and for running potable tubing.

NEW

An optional Wheel and Handle Kit is also available.

Compact, Fast Set-Up, Easy Dispensing.

Accommodates all types of PEX tubing:

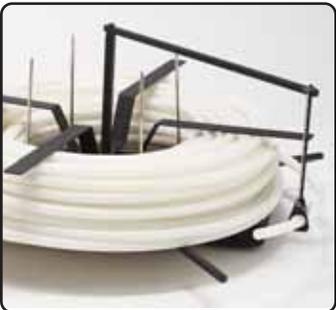
1000 ft. (305 m) of 3/8" to 1/2" (9.5 to 12.7 mm)

500 ft. (152 m) of 5/8" to 1" (15.9 to 25.4 mm)

- The open case serves as the unit's base. No tools are required to assemble.
- A heavy-duty turntable supports a full coil of PEX (polyethylene cross-linked tubing).
- Eyelet loop opens for easy feeding or removal of tubing from Uncoiler unit. Rotating eyelet arm allows tubing to be pulled off in any direction.
- Factory-adjusted tension prevents backlash and spreading of tubing coil off the turntable.



1000 ft. (305 m) x 1/2" (12.7 mm)



500 ft. (152 m) x 1" (25.4 mm)



EASY STEP BY STEP ASSEMBLY

Catalog Number	Description	Net Wt. lbs. (kg)
UC1	Pex Tubing Uncoiler in Case	50 (22.7)
UWK	Uncoiler Wheel and Handle Kit	N/A



Seamer and Tongs

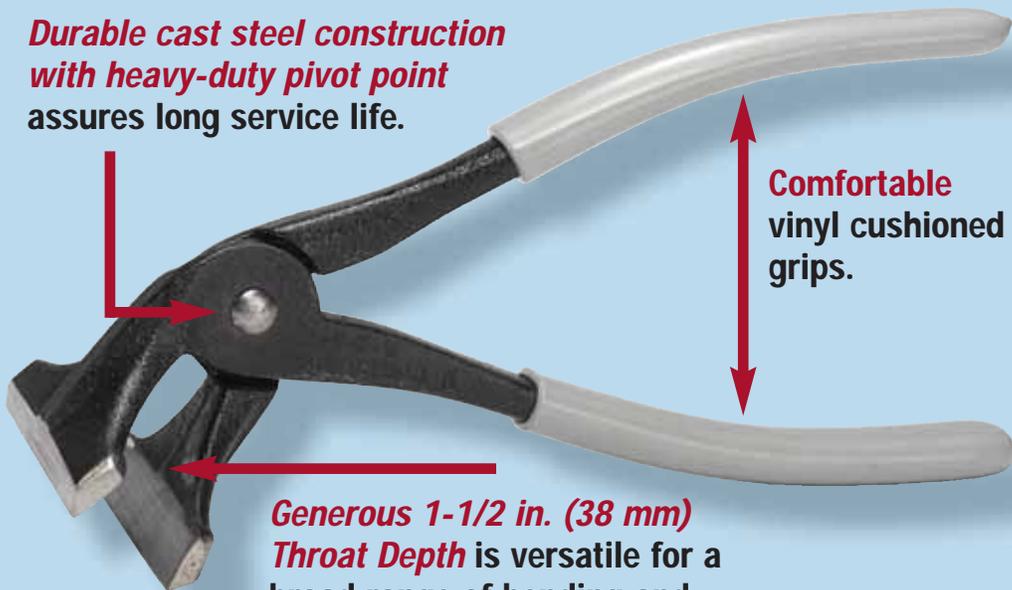


STRAIGHT or OFFSET

Styles for the way you work!



Durable cast steel construction with heavy-duty pivot point assures long service life.



Generous 1-1/2 in. (38 mm) Throat Depth is versatile for a broad range of bending and seaming applications.

Comfortable vinyl cushioned grips.



Vinyl-Gripped Jaws are non-marring.



Precision Ground Jaws with beveled nose make precise 135° bends.

Straight and Offset Seamer & Tongs

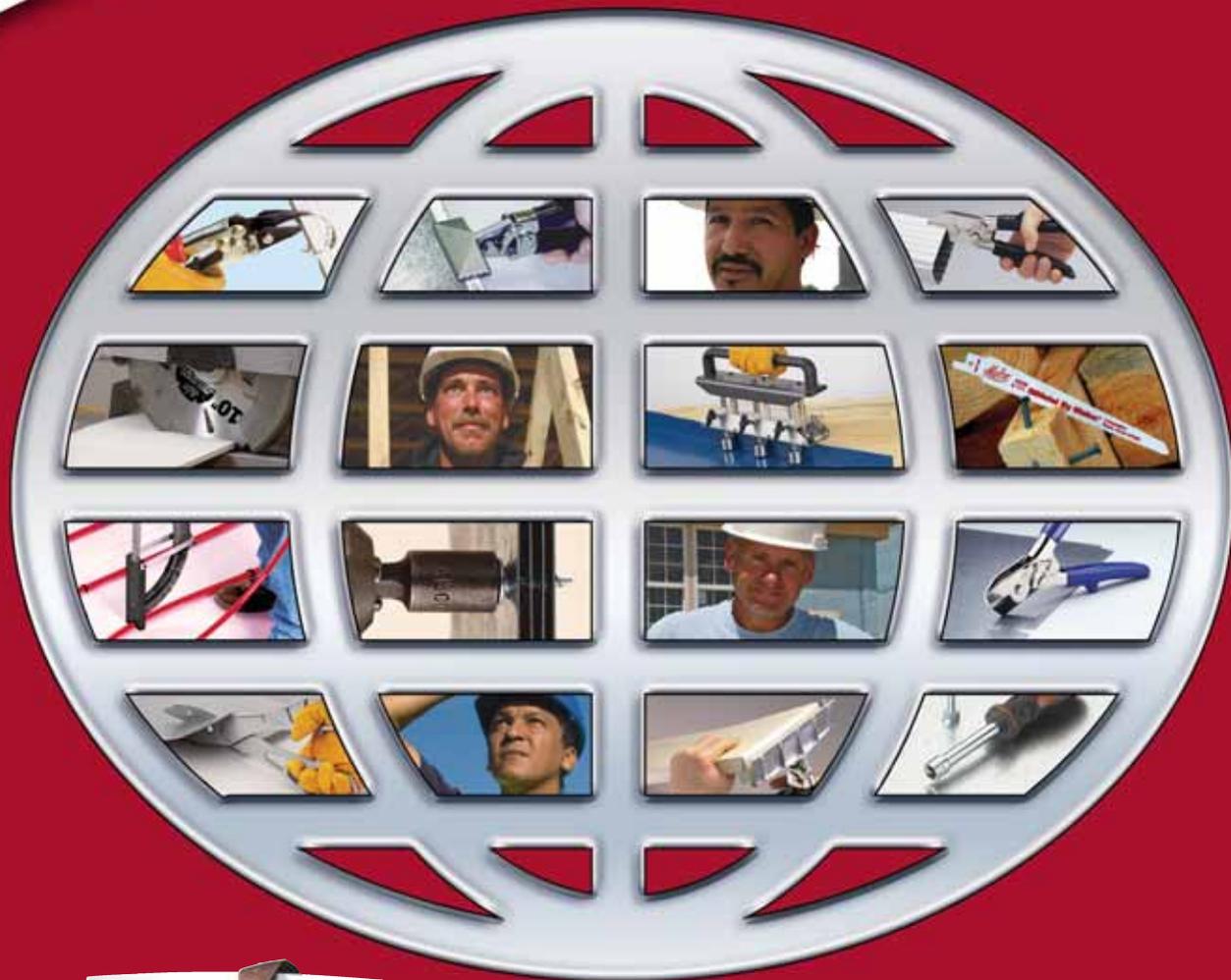
Catalog Number	Bar Code	Description	Jaw Depth in. (mm)	Jaw Width in. (mm)	Overall Lgth. in. (mm)	Net Wt. oz. (g)
S10	53457	Seamer & Tongs, Straight	1-1/2 (38)	3.5 (89)	9.25 (235)	46 (1,304)
SG10	53461	Seamer & Tongs, Straight, Gripped Jaws	1-1/2 (38)	3.5 (89)	9.25 (235)	47 (1,332)
S11	53459	Seamer & Tongs, Offset	1-1/2 (38)	3.5 (89)	9.5 (241)	46 (1,304)
SG11	53463	Seamer & Tongs, Offset, Gripped Jaws	1-1/2 (38)	3.5 (89)	9.5 (241)	47 (1,332)

Abrasive Cloth/Mesh	61	Hole Cutters, Ductboard	11	Self Drilling / Tapping Screws . .	86-89
Adjustable Folding Tool	20	Hole Cutters, Metal	25	Sheet Metal Brake	22
Adjustable Wrenches	72	Hole Punches	83	Sheet Metal Hammers	68
Aluminum Handled Snips	32-33	Hole Saws, Hole in One	54-55	Sheet Metal Scribers	23-24
Anchors	89	Interlocking Folding Tools	21	Shingle Removal Tools	37
Andy Snips	32-33	J-Channel Cutters	45	Shinglers Hammer	69
Angle Drive Accessory	25	Knee Pads	94	Sider Marking/Cutting Template . .	43
Aprons	93	Knives & Blades	10-12,57	SideSwiper Siding Removal Tools . .	42
Aviation Snips	28-30	Levels	67	Siding Tools	42-51
AVs Snips	30	Lightweight Snips	31-33	Snap Lock Punches, Gutter	40
Awls, Scribers & Dividers	23-24	Magnetic Sweeps	38-39	Snap Lock Punches, Metal Duct . . .	14
Beast Shingle Remover	37	Mallet	68	Snap Lock Punches, Vinyl Siding . .	44
Bit-Tip Screws	86-87	Max2000 Snips	28	Snips for Metal & Vinyl	28-33
Caulking Guns	63	Measuring Tools	64-67	Snip for Fiber Cement	48
Ceiling Grid Punch	83	Measuring Wheels	65	Squares	66
Chalk Lines	66	Metal Duct Tools	14-18	Starter Kits	5
Channel Shear	62	Metal Stud Crimper	62	Steel Snips	31
Circular Saw Blades	50-51	Metal Stud & Runner Shear	62	Step Drills	81
Circumference Rules	65	Mini Brake	20-21	Straight Edge Rules	65
Construction Cleanup Tools	38-39	Mini Saw	56	Swaging Tools	60
Crimpers, Downspout	40	Nail Cutter, Siding	47	Tape Measures	64
Crimpers, End Cap	40	Nail Hole Punches	44	The Sider	43
Crimpers, Round Duct	15	Nail Punches & Drivers	40,45	Tie Tensioning Tools	9
Dampers & Hardware	18	Navi-Gator Snips	31	Tool Boxes	95
Distance Measuring Wheels	65	Notchers, Sheet Metal	14	Tool Kits	5
Dividers	24	Notchers, Fiber Cement Siding . . .	48	Tool Pouches, Aprons	90-94
Double Cut Snip	30	Nut Drivers	78-79	Torpedo Levels	67
Double Enders Drill Bits	82	Nylon Ties	9	Trammel Points	24
Downspout Crimpers	40	Overlap Gauges	46	Trim Nail Punches	45
Drill Bits	81-82	Painted Fasteners	85,89	Tube Benders	61
Drip Edge Folding Tool	36	Pinch-off Tool	60	Tube Cutters	59
Drywall Tools	62	Pipe & Duct Holders	17	Tubing Tools	59-61
Duct Holders	18	Pipe Crimpers	15	TurboShears	26-27,49
Duct Knives	10,12	Plastic Anchors	89	TurboShear Drill Clamp	26
Duct Ripper	69	Pliers & Wrenches	70-72	Utility Knives & Blades	57
Duct Stretchers	16-17	Plumbers Roll	61	Vent Saw	54
Ductboard Tools	11-13	Pouches, Aprons & Knee Pads . . .	90-94	Vinyl Siding Tools	42-45
Edge Roller	34-35	Power Drives & Inserts	80	Washer Seals	11
Electrical Pliers	70-71	Power Shears	26-27,49	Wood Bits	81
Facing Gauge	46	Pry Bars	69	Wooden Mallet	68
FasGroov	12-13	Punch Lock Stud Crimper	62	Wrenches & Pliers	70-72
Fasteners	85-89	Punches / Nail Sets	40,45	Zip-in Screws	88-89
Fiber Cement Siding Tools	46-50	Ratchet Wrenches	72		
Fin Straightening Tools	61	Reamer-Deburring Tools	60		
Fitting Brushes	60	Reciprocating Saw Blades	52-53		
Flaring Tools	60	Riveters	84		
Flex Duct Cutter/Shear	8	Rivets	85		
Flex Duct Tools	8-10	Roofing Tools / Accessories	34-38		
Foamboard Stapler & Staples	6-7	Saws & Saw Blades	50-56		
Folding Tools	20-22,36	Scratch Awls	23		
Gutter & Downspout Tools	40-41	Screwdrivers	75-77		
Gutter Drops	41	Scribers	23-24		
Gutter Nail Driver	40	Seamers & Folding Tools	19-21		
Gutter Outlet Punches	41				
Hack Saws & Blades	56				
Hammers & Pry Bars	68-69				
Hand Drivers	75-79				
Hex Key Wrenches	72-74				
Hex Power Drives	80				



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