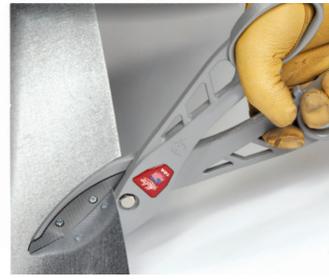


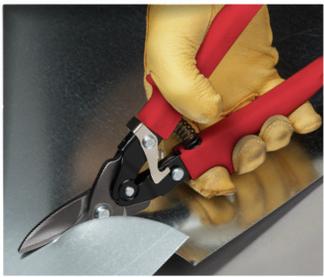
SL17900

Malco®



MALCO TOOL BOOK

TOOLS, FASTENERS AND ACCESSORIES



Work. Perform. Outlast.



MALCO PRODUCTS, SRC
MALCO TOOL BOOK

SL17900



Work. Perform. Outlast.

In 1950, Mark Keymer, a young steel supply salesman, manufactured and marketed a pipe crimper he had invented for installing metal ductwork in heating systems. He insisted on quality construction, setting the benchmark for the new company. The rest is Malco history. Customer brand loyalty, carefully cultivated over the past 70 years, reflects Malco's commitment to innovative, dependable, high-performance hand tools and accessories for specialized markets in the heating, ventilation, air-conditioning, and refrigeration (HVACR) industry; exterior remodeling field, including roofing, siding, and gutter

installation; fence, deck, and rail installation; and auto body repair. We manufacture work saving products that make the tough jobs easier. The pros do more. You sell more.



Industry's Future.

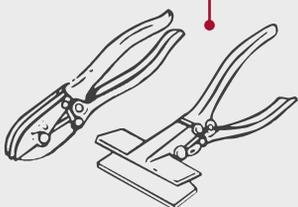
Malco is proud to support students learning a trade and the hard-working professionals who use Malco tools day in and day out. Each school term, Malco recognizes outstanding graduating students in the HVAC/sheet metal, building construction and autobody repair fields through the Head of the Class Student Recognition Program. Since 2005, the Head of the Class program has reached more than 55,000 students, including 3,000 "Head of the Class" honorees, representing more than 700 high school career education programs, technical schools, union Joint Apprenticeship

Training Committees and industry association programs across the U.S. and Canada. Each year, Malco also recognizes five of the top "Trade Pro of the Year" HVAC professionals in the U.S. who are dedicated to the industry and on-the-job safety, as well as their communities.

1950's



Mark Keymer, a steel supply salesman, founds Malco in a garage in 1950 and establishes a legacy of innovation, efficiency, and quality.



Mark Keymer develops unique compound leverage hand tools for job-site metal fabrication.

1970's



Malco introduces self-piercing sheet metal Zip-in screws, which become a resounding success in the HVAC industry.

Operations move from Minneapolis, MN to Annandale, MN.

1990's



Demand for Max2000 Snips, Malco's answer to trade pros' widespread dissatisfaction with other brands' aviation snips, creates waiting lists at dealers.

Malco's first website is launched.

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Limited Lifetime Warranty

All Malco tools and accessories carry a limited lifetime warranty against manufacturing defects in materials or workmanship. Go to www.malcotools.com and visit our distributor tab for detailed warranty information.

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How to videos.

Check out our online video collection featuring our most popular tools! These professionally made videos feature demonstrations, tips and advice for our HVAC, Roofing, Siding, Gutter and Fencing Tools markets.
www.malcotools.com



AdvantageEDGE app

HVAC Made Easy! Get your hands on the newest tool in HVAC. The new AdvantEDGE app by Malco introduces a whole new way to be efficient and stay connected on the job.
www.malcotools.com or
<http://advantedgeapp.com/> to download.

Customer Service Information:

United States: 1-320-274-7387 / 1-800-328-3530 / Fax: 1-800-206-6760 / custsvcs@malcotools.com
 Canada: 1-320-274-2376 / 1-800-219-1085 / Fax: 1-800-222-5329
 International: 01-320-274-2376 / Fax: 01-320-274-2652 / international@malcotools.com

Distributor Location:

To locate a Malco Distributor nearest you, go to www.malcotools.com, click on “Where to Buy” and choose desired market.

Malco Products, SBC | 14080 State Hwy 55 NW | PO Box 400 | Annandale, Minnesota U.S.A. 55302-0400 | © 2020



Cleanable-Reversible™

U.S. Patent No. 10,328,554

New Size!

5/16 in. & 3/8 in.

Cleanable, Reversible, Magnetic Hex Drivers



MSHC1
2 in.

MSHLC1
2-5/8 in.

MSHMLC1
4 in.

MSHXLC1
6 in.

See Page 56



Cleanable-Reversible™

U.S. Patent No. 10,328,554



The Perfect System for Zip-in® and Bit-Tip® Screws

Cleanable, Reversible, Magnetic Hex Chuck Driver! Available in 2 combinations and 4 lengths.

See Pages 8-11

The Original 5/16 in. & 3/8 in. Cleanable, Reversible, Magnetic Hex Drivers



MSHC
2 in

MSHLC
2-5/8 in.

MSHMLC
4 in.

MSHXLC
6 in.

See Page 56

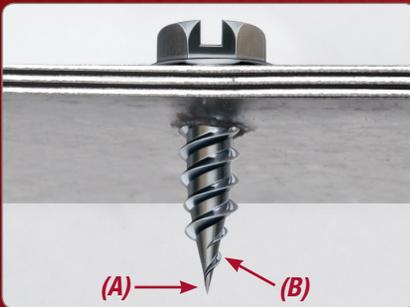
The Standard by which all others are judged.

Self-Piercing Sheet Metal Screws

Rated #1, Zip-in® screws are the best selling sheet metal screws worldwide.

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. The second thread (B) above the point engages after initial penetration and moves the screw through very fast. Zip-in® screws are faster driving, with a greater capacity for fastening heavier gauges of sheet metal than any other self-drilling type.



Scan the QR Code or go to
<http://malcoproducts.com/videos>

1. Burr Free Hex Washer Slotted Head

- One 1/4 in. hex driver accommodates tall sizes of Zip-in Screws
- Full 1/4 in. (No. 8) head will not strip out of hex driver opening at any time during operation

2. Undercut-Indented Hex Washer Slotted Head

- Undercut - Always seats flush

3. Combination Lead Double Thread

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

4. Sharp Tapered Point

- Quality controlled heat treat
- Sharp tapered point will not mushroom, break or walk
- Complete operator control with precise hole alignment

U.S. Patent No.
D524,638



Look for the Dots! ® Trademarked & Patented Head Markings indicate one and only genuine Zip-ins®.

Zip-in®

Self-Piercing Sheet Metal Screws



The Perfect System for Zip-in®
Cleanable, Reversible, Magnetic Hex Chuck Driver!
Available in 2 combinations and 4 lengths.

See Page 56

Specifications

Catalog Number	Description	Head Color	Head Size	Type
Zip-in® Screws				
HW6x3/8Z	Zip-in® Screw	○ Zinc Plated	1/4 in.	Slotted Hex
HW7x1/2Z*	Zip-in® Screw	○ Zinc Plated	1/4 in.	Slotted Hex
HW8x1/2Z*	Zip-in® Screw	○ Zinc Plated	1/4 in.	Slotted Hex
HW8x3/4Z*	Zip-in® Screw	○ Zinc Plated	1/4 in.	Slotted Hex
HW8x1Z*	Zip-in® Screw	○ Zinc Plated	1/4 in.	Slotted Hex
HW8x1-1/2Z*	Zip-in® Screw	○ Zinc Plated	1/4 in.	Slotted Hex
HW8x2Z*	Zip-in® Screw	○ Zinc Plated	1/4 in.	Slotted Hex
HW10x1/2Z	Zip-in® Screw	○ Zinc Plated	1/4 in.	Slotted Hex
HW10x3/4Z	Zip-in® Screw	○ Zinc Plated	1/4 in.	Slotted Hex
HW10x1Z	Zip-in® Screw	○ Zinc Plated	1/4 in.	Slotted Hex

* Denotes popular screw sizes available in pails.

Square Pan Head Robertson® Style Zip-in® Screws

PS8x1/2Z	Pan Square Head	○ Zinc Plated	#2	Pan Square
PS10x1/2Z	Pan Square Head	○ Zinc Plated	#2	Pan Square
PS10x3/4Z	Pan Square Head	○ Zinc Plated	#2	Pan Square

White Painted Zip-in® Register Screws

HW8x1-1/2ZW	Zip-in® Screw	○ White (W)	1/4 in.	Slotted Hex
HW8x2ZW	Zip-in® Screw	○ White (W)	1/4 in.	Slotted Hex
HW8x3ZW	Zip-in® Screw	○ White (W)	1/4 in.	Slotted Hex
PO8x2ZW	Zip-in® Screw	○ White (W)	#2	Phillips

Painted Sheet Metal Screws

HW6x3/8ZCL	Sheet Metal Screw	○ Clay (C)	1/4 in.	Slotted Hex
HW6x3/8ZMB	Sheet Metal Screw	● Musket Bronze (MB)	1/4 in.	Slotted Hex
HW6x3/8ZRB	Sheet Metal Screw	● Royal Brown (RB)	1/4 in.	Slotted Hex
HW6x3/8ZW	Sheet Metal Screw	○ White (W)	1/4 in.	Slotted Hex
HW7x1/2ZA	Sheet Metal Screw	● Almond (A)	1/4 in.	Slotted Hex
HW7x1/2ZCC	Sheet Metal Screw	○ Classic Cream (CC)	1/4 in.	Slotted Hex
HW7x1/2ZCL	Sheet Metal Screw	○ Clay (C)	1/4 in.	Slotted Hex
HW7x1/2ZRB	Sheet Metal Screw	● Royal Brown (RB)	1/4 in.	Slotted Hex
HW7x1/2ZW	Sheet Metal Screw	○ White (W)	1/4 in.	Slotted Hex
HW8x3/4ZRB	Sheet Metal Screw	● Royal Brown (RB)	1/4 in.	Slotted Hex
HW8x3/4ZW	Sheet Metal Screw	○ White (W)	1/4 in.	Slotted Hex
HW8x1ZRB	Sheet Metal Screw	● Royal Brown (RB)	1/4 in.	Slotted Hex
HW8x1ZW	Sheet Metal Screw	○ White (W)	1/4 in.	Slotted Hex

Drill-In Screws Type A, Single Thread

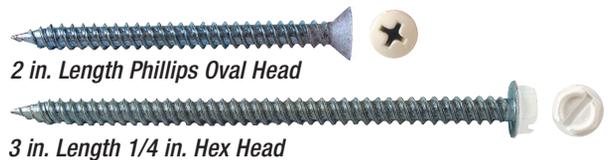
HW10x1-1/2	Drill-In Screw	○ Zinc Plated	5/16 in.	Slotted Hex
HW10x2	Drill-In Screw	○ Zinc Plated	5/16 in.	Slotted Hex
HW12x2	Drill-In Screw	○ Zinc Plated	5/16 in.	Slotted Hex

Catalog Number	Anchor Size	Screw Size(s)	For Screw Size	Uses Bit Diameter	Anchor Kit Quantity
Red Lip Plastic Anchors					
PA810	3/16 x 7/8 in.	—	8-9-10	3/16 in.	—
PA1012	1/4 x 1 in.	—	10-12	1/4 in.	—
PA1416	5/16 x 1-3/8 in.	—	14-16	5/16 in.	—
Red Lip Plastic Anchor Kits with Slotted Panhead Screws					
PA810K	3/16 x 7/8 in.	SP8x1	—	3/16 in.	100
PA1012K	1/4 x 1 in.	SP10x1-1/4	—	1/4 in.	100
PA1416K	5/16 x 1-3/8 in.	SP14x1-1/2	—	5/16 in.	50
Red Lip Plastic Anchor Kits with Hex Washer Head Screws					
PA810KW	3/16 x 7/8 in.	HW8x1Z	—	3/16 in.	100
PA1012KW	1/4 x 1 in.	HW10x1Z	—	1/4 in.	100

Robertson® Style Square



Robertson®
Style Square
Pan Head
Zip-in® Screws



2 in. Length Phillips Oval Head

3 in. Length 1/4 in. Hex Head

Painted Sheet Metal / Drill-In Screws

Drill-In
Screws
Type A,
Single
Thread



Painted
Sheet
Metal
Screws

Packaged in
Bags and Tubs.



Plastic Anchor Kits / Anchors

PA1012K

All Red-Lip Anchor Kits contain equal quantities of anchors and screws with one matching carbide tipped drill bit.



Use Red-Lip Anchors 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.



Consult Malco Price Book for specific package quantities available for each screw size. Count on Malco for full, accurate piece counts in every Zip-in® package you buy.

Note: Package sizes available in Bults, Pails, Tubs, Boxes, and Bags.

Packaging Key:

Bulk = Z

Pail = P

Tub = T

Box = X

Bag = G



Drill & Tap Screws

The One-Operation Fastener with a True Drilling Action Point

Bit-Tip drill and tap screws produce the optimum hole size for a quick tight fit.

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.

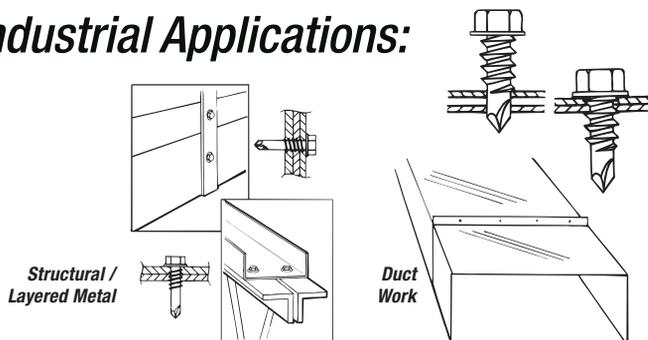
Requires only a standard screw gun power tool rated at 2500 RPM equipped with drilling depth locator.



Now even faster!

Drill & Tap Screws drill their own holes, taps a matching thread in steel .220 thick in less time than it takes to drill a pilot hole for other standard fasteners.

Industrial Applications:



Choose from Hex or Slotted



Top View



Top View



Hex Washers



Hex Slotted Washers

U.S. Patent No. D524,638



Look for the Dots! ® Trademarked & Patented Head Markings indicate one and only genuine Bit-Tips®.

Bit-Tip®

Drill & Tap

Screws

Packaging Key:
 Bulk
 Pail = P
 Tub = T
 Box = X

Consult Malco Price Book for specific package quantities available for each screw size. Count on Malco for full, accurate piece counts in every Bit-Tip package you buy.

Note: Package sizes available in Bulks, Pails, Tubs, and Boxes.
 * BT143 available in pails.



Material thickness recommendation for Bit-Tips

Catalog Number	Head Type	Screw Size	Driver Size	Material Thickness				
				.050	.100	.150	.200	
Bit-Tip Screw #2 Point	BT131	Hex Washer	8-18x1/2	1/4				
	BT132	Hex Washer	8-18x5/8	1/4				
	BT133	Hex Washer	8-18x3/4	1/4				
	BT134	Hex Washer	8-18x1	1/4				
	BT231	Slotted Hex	8-18x1/2	1/4				
	BT233	Slotted Hex	8-18x3/4	1/4				
	BT141	Hex Washer	10-16x1/2	5/16				
Bit-Tip Screw #3 Point	BT142	Hex Washer	10-16x5/8	5/16				
	BT143*	Hex Washer	10-16x3/4	5/16				
	BT144	Hex Washer	10-16x1	5/16				
	BT153	Hex Washer	10-24x3/4	5/16				
	BT156	Hex Washer	10-24x1-1/2	5/16				
Bit-Tip Screw #3 Point	BT163	Hex Washer	12-14x3/4	5/16				
	BT164	Hex Washer	12-14x1	5/16				

Bit-Tip® Screw Strength

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.

			Pull-out values (lbs), in common steel gauges									Tensile Strength lbs.	Torsional Strength in.- lbs.		
			26	24	22	20	18	16	14	13	1/8			10	3/16
8	18	#2	150	187	289	334	507	643	977					1575	42
		#3													
10	16	#2	145	235	295	364	572	708	1,015	1,972				2100	61
		#3								1,528	2,120	2,199		2350	65
12	14	#3								1,541	1,990	2,650	3,515	2800	92

Tool Kits

Every Kit includes a FREE TB1 Tool Bag or 50% off TBP33 Backpack

DSKR / DSKRBP 29 Piece Deluxe Kit

Catalog No.	Description
C5R	Redline Pipe Crimper 5 Blade
SL1R	Redline Snap Lock Punch
N1R	Redline Hand Notcher
S2R	Redline Hand Seamer
T2F	Folding Tool
18	Divider
M2001	Aviation Snip Left Cut
M2002	Aviation Snip Right Cut
M2005	Bulldog Aviation Snip
M14N	14 in. (362 mm) Alum. Pattern Snip
A0	1/8 in. (6.35 mm) Scratch Awl
A1	7/32 in. (5.54 mm) Scratch Awl
SH3	Setting Hammer
T416M	1 in. x 16 ft. Magnetic Tape Measure
W29	Hex Key Set
DB1	Dead Blow Hammer
DS2	Offset Duct Stretcher
MSH14	Hex Chuck
MSH516	Hex Chuck
L9M	Torpedo Level
HW8x1/2ZG	Zip-ins 100 pack FREE
TS1	TurboShear
HHD1S	1/4 in. (6.35 mm) Hex Driver Mag.
HHD2S	5/16 in. (7.9 mm) Hex Driver Mag.
TY4G	Tie Tool - Standard Grip
HC1	Hole Cutter
4MC24	Recip Blade 6L 24T
BT143X	Bit-Tips 100 pack FREE
RD6	6-in-1 Reversible Driver



STKMRR / STKMRRBP 16 Piece Starter Kit



Catalog No.	Description
C5R	Redline Pipe Crimper 5 Blade
SL1R	Redline Snap Lock Punch
N1R	Redline Hand Notcher
S2R	Redline Hand Seamer
T2F	Folding Tool
18	Divider
M2001	Aviation Snip Left Cut
M2002	Aviation Snip Right Cut
M14N	14 in. (362 mm) Alum. Pattern Snip
A1	7/32 in. (5.54 mm) Scratch Awl
SH3	Setting Hammer
DS2	Offset Duct Stretcher
HW8x1/2ZG	Zip-ins 100 pack FREE
TS1	TurboShear
HC1	Hole Cutter
BT143X	Bit-Tips 100 pack FREE

Soft Sided Tool Bag & Tool Backpack

Rugged, heavyweight nylon tool bag organizes tools with ample capacity and multiple interior and exterior pockets. Open pockets as well as velcro and zippered entries also accommodate other on-the-job necessities. An easy grip, lock-tight web handle and generous padded shoulder strap make this stylishly engineered bag easy to tote.

TB1



Catalog Number	Description	Nominal Dimensions (L x W x H) in. (cm)	Net Weight lbs. (kg)
TBP33	33 Pocket Backpack	15 x 7.5 x 20 (38 x 19 x 51)	6.05 (2.74)
TB1	Rugged Nylon Tool Bag	17 x 8 x 8 (43 x 20 x 20)	4.5 (2.04)

TBP33



- Durable high-thread count 1690D ballistic nylon shell and heavy-duty zippers offer long service life.
- 33 duo-colored pockets plus one wide-opening side and a stand-up backside make it easy to organize and find tools.
- Comfortable, wide-padded shoulder straps and back pads help shoulder the load and save neck and back.

Create a Custom Kit Info:

- Specify a minimum of 6 different tools per Custom Kit. Select tools that fit the dimensions of the tool bag. (estimated max of 30 tools under 17 in. / 43 cm long.)
- Co-Branded Tool Packaging is also available subject to quantities and selection published in Malco's "Custom Crafted Packaging" brochure #SL13847. Add three days to lead-time if including custom packaging with kit.
- **10% Discount on School Orders!**
- Malco will assemble and ship your custom tool kits within 3 days of receipt of your completed order. Ask your local Malco Distributor for details and a quote.

50% Off
Backpack or Tool Bag when ordering custom kits

Custom Kits

for Contractors & Trade Schools

Now you can build a custom tool kit that reflects your unique market or classroom needs.



Metal Roofing

TB1 Tool Bag or TBP33 Backpack	M2007 Max 2000 Right Offset Cut
DB1 Dead Blow Hammer	N2R Hand Notcher, 1 in. Depth
HC1 Hole Cutter, Sheet Metal	S6R 6 in. Hand Seamer
HP18KR Hole Punch Kit	SG11 Seamer & Tongs Offset Grippd
M14A 14 in. Alum. Straight Snip	TSHD1A TurboShear Heavy-Duty Pneumatic
M12NG 12 in. Alum. Straight Snip Grippd	18F 18" Folding Tool 3/8 - 1 in.
M2006 Max 2000 Left Offset Cut	



Fiber Cement Siding

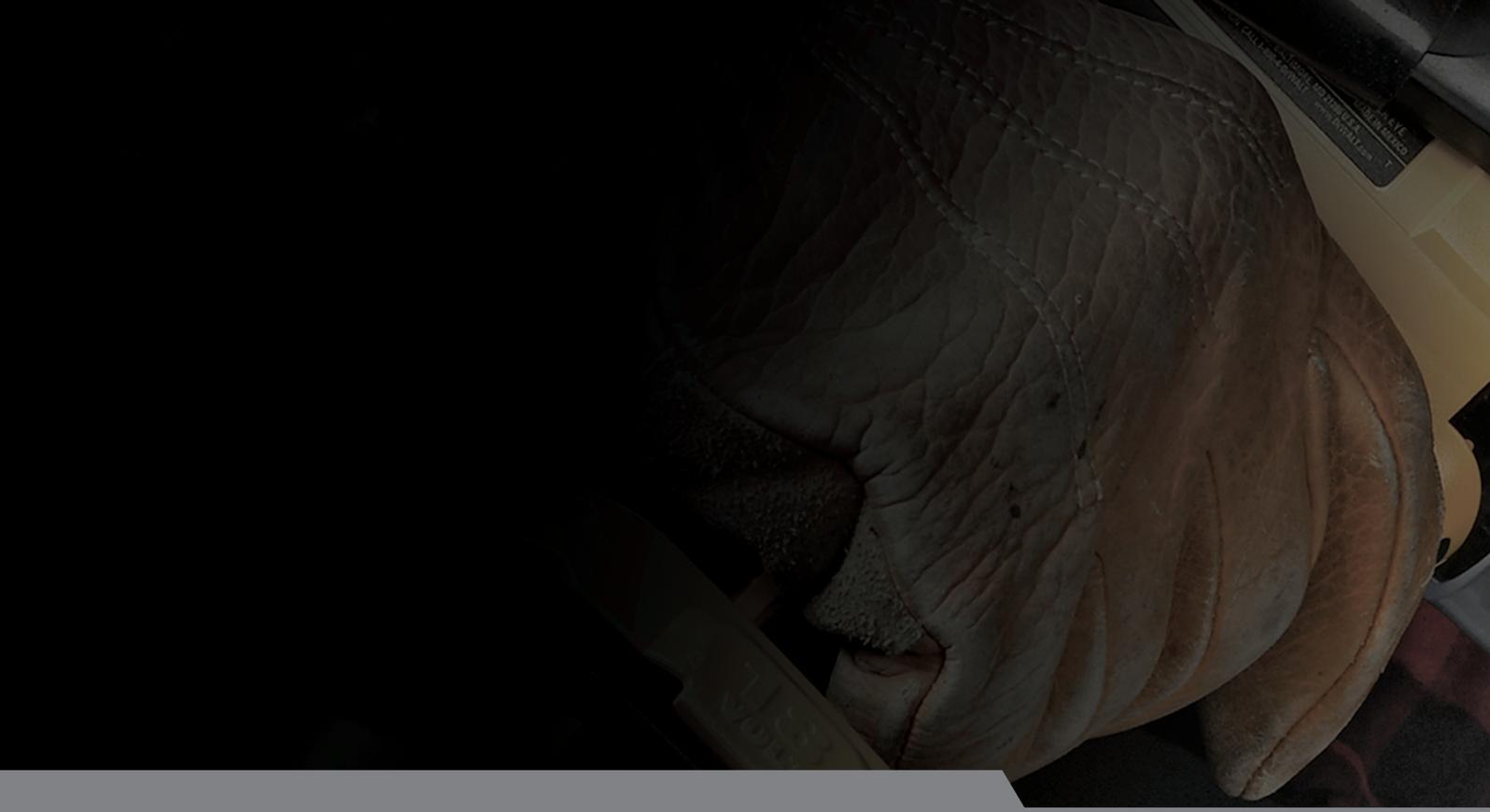
TB1 Tool Bag or TBP33 Backpack	HF10 4-1/8 in. (105 mm) Carbide Tipped HS
FCC3 Fiber Cement Hand Nibbler	TSF1 TurboShear Fiber Cement Siding
FCFG Fiber Cement Facing Gauge	FCSR Fiber Cement Snip
FCG2 Fiber Cement Gauge Set of 2	HHA4 Hole Saw Arbor and HSS Pilot Drill
HF7 3 in. (76 mm) Carbide Tipped HS	



Vinyl Siding

TB1 Tool Bag or TBP33 Backpack	SL5 Snap Lock Punch
JCCR J-Channel Cutter 5/8 in.	SRT2 Siding Tool Straight Handle
M2003 Max 2000 Combo Cut	TNP2S Trim Nail Punch - Metal
MV12 Vinyl Snip	9PK Quick Open Utility Knife
SD40 Sider Double 4 in.	

Suggested Kits



Turboshear Drill Attachments

- ***Metal Cutting***
 - ***Double-Cut Metal Cutting***
 - ***Corrugated Metal***
 - ***Fiber Cement Siding***
 - ***Fiber Cement Backerboard***
 - ***Vinyl Siding***
 - ***Asphalt Shingles***
 - ***Natural Roofing Slate***
- 

**Lightweight, Compact,
and Affordable**

- **360° Head Rotation**
- **Telescoping Drill Clamp**

360°





The 360-degree rotating head, allows you to position and lock the drill so it doesn't interfere with material for quick, hassle-free cuts every time!

Metal Cutting - 18 ga.

TurboShearHD

Long lasting blades make fast, smooth trim cuts and tight circular or rectangular cuts in metal ductwork, metal roofing and metal building panels.

This well-tailored attachment quickly inserts into the chuck of a corded or cordless drill to make fast straight, curved, or square cuts in most common sheet metals. A sleek, lightweight aluminum cast shear head and molded drill clamp allow maximum portability and ease to go wherever the work is.



TSHD

Pat. No. 9,649,702



Drill Requirements:
1/4 in. (6.35 mm) Chuck,
Min. 14.4V - DC, Max 7A-AC



More compact Telescoping Drill Clamp fits drills and impact drivers including lithium-ion models.



Catalog Number	Description	Net Wt. oz. (g)	Net Wt. lbs. (kg)
TSHD	TurboShear Heavy-Duty	—	2.2 (1.00)
Replacement Parts			
TSDC	TurboShear Drill Clamp	8 (227)	—
TSCG	TurboShear Chuck Guard	.96 (27)	—
TSHDRB	TurboShear Heavy Duty Replacement Blades	7.04 (200)	—

Metal Capacities

Material	Spiral Duct 20 Gauge	Galvanized Steel 18 Gauge	Mild Steel 18 Gauge
inches (mm)	0.040 (1.02)	0.052 (1.32)	0.048 (1.22)



Corrugated Metal Cutting - 30/24 ga.
TurboShearCM

Cut corrugated mild steel with ease. Attach to any drill to navigate cross cuts in metal roofing panels.

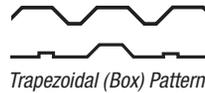
This versatile and portable TurboShear fits a drill you already own to make easy cross cuts, fast lengthwise cuts, even circular and square outlet cuts in large or small pattern corrugated metal roofing and most trapezoidal (box) pattern metal roofing panels.



TSCM
Pat. No. 9,649,702



Corrugated Patterns



Trapezoidal (Box) Patterns



Drill Requirements:
1/4 in. (6.35 mm) Chuck,
Min. 14.4V - DC, Max 7A-AC



Elongated blades with compact jaws create a steep 75-degree offset for a nearly vertical approach when starting a cut.



Catalog Number	Description	Net Wt. oz. (g)	Net Wt. lbs. (kg)
TSCM	Corrugated Metal TurboShear	—	2.2 (1.00)
Replacement Parts			
TSDC	TurboShear Drill Clamp	8 (227)	—
TSCG	TurboShear Chuck Guard	.96 (27)	—
TSCMRB	Corrugated Metal TurboShear Replacement Blades	6.4 (181)	—

Metal Capacities

Material	Mild Steel - 30 - 24 Gauge
inches (mm)	.012 - .024 (0.31 - 0.61)



Double-Cut Metal Cutting - 18 ga.
TurboShearMD

Attach to any drill for easy, clean shearing on both edges of cut. Cut either direction, as scrap spirals out of tool path when cutting.

The Double-Cut TurboShear removes a narrow spiral scrap from the tool path to produce a clean, straight edge on both sides of the cut. Approach a cut from either end to produce a quality work-piece edge. Also navigate up to 90° outside profiles of metal roofing panels, or metal ductwork, and cut through seams!



TSMD
Pat. No. 9,649,702



Drill Requirements:
1/4 in. (6.35 mm) Chuck,
Min. 14.4V - DC, Max 7A-AC



Catalog Number	Description	Net Wt. oz. (g)	Net Wt. lbs. (kg)
TSMD	Double-Cut TurboShear	—	2.6 (1.18)
Replacement Parts			
TSDC	TurboShear Drill Clamp	8 (227)	—
TSCG	TurboShear Chuck Guard	.96 (27)	—
TSMDBR	Double-Cut TurboShear Replacement Blades	5.6 (159)	—

Metal Capacities

Material	Spiral Duct 20 Gauge	Galvanized Steel 18 Gauge	Mild Steel 18 Gauge
inches (mm)	0.040 (1.02)	0.052 (1.32)	0.048 (1.22)



Metal Cutting - 16 ga.

TurboShear 16 ga.

Heavy metal cutting performance with a 16-ga. (1.52 mm) capacity!

Model TSA2 TurboShear Drill Attachment makes a power drill a powerful metal-cutting shear, instantly! Cutting applications in construction mild grade steel. Clearance between the shear's cutting inserts may be adjusted for optimal performance within a range of 16 to 26-gauge (1.52 to 0.46 mm) mild steel. A helical (spiral) shaped foot permits easy left, right or straight cutting action.



Five position adjustable, locking head

TSA2
Pat. No. 7,093,365



360° Rotating Collar will not fit on this model.

Drill Requirements:
Minimum 14.4 Volt Cordless /
Maximum 7 Amp A/C



Catalog Number	Description	Net Wt. oz. (g)	Net Wt. lbs. (kg)
TSA2	TurboShear, 16 ga. Drill Attachment	—	3.3 (1.50)
Replacement Parts			
TSDC	TurboShear Drill Clamp	8 (227)	—
TSCG	TurboShear Chuck Guard	.96 (27)	—
TSA1RB	Replacement Cutter Inserts	4 (113.4)	—

Metal Capacities

Material	Galvanized Steel 16 Gauge	Cold Rolled 16 Gauge
inches (mm)	0.064 (1.63)	0.060 (1.52)



Metal Cutting - 20 ga.

THE Original
TurboShear

The time-saving TurboShear model 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! 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.



TS1 360° Rotating Collar will not fit on this model.



Drill Requirements:
1/4 in. (6.35 mm) Chuck,
Min. 14.4V - DC, Max 7A-AC



Catalog Number	Description	Net Wt. oz. (g)
TS1	TurboShear, "Original"	26 (737)
Replacement Parts		
TSDC	TurboShear Drill Clamp	8 (227)
TS1RB	TurboShear, "Original" Replacement Blades	5.92 (168)

Metal Capacities

Material	Galvanized Steel 20 Gauge	Cold Rolled 20 Gauge
inches (mm)	0.040 (1.02)	0.036 (0.91)



Natural Roofing Slate

TurboShearNS

Attach to any drill to make fast rough-hewn straight, angled or scalloped cuts in natural roofing slate.

Make fast straight, angled, or curved cuts in 4mm to 8mm natural roofing slate. Cutting slate with finished side up produces an authentic-looking, hand-cut appearance. A padded skid plate prevents scratches to the exposed slate finish. Cut thousands of linear feet of roofing slate quickly and easily all season long!



TSNS1
Pat. No. 9,649,702



Drill Requirements:
1/4 in. (6.35 mm) Chuck,
Min. 14.4V - DC, Max 7A-AC



Catalog Number	Description	Net Wt. oz. (g)	Net Wt. lbs. (kg)
TSNS1	TurboShear, Natural Roofing Slate	—	2.5 (1.13)
Replacement Parts			
TSDC	TurboShear Drill Clamp	8 (227)	—
TSCG	TurboShear Chuck Guard	.96 (27)	—
TSNS1RB EV	TurboShear Replacement Blades & Skid Plate for TSNS1	9.28 (263)	—

4 mm - 8 mm



Vinyl Siding Cutting **TurboShearVC**

Use your drill to navigate all popular vinyl siding styles and power your way through thick lock seams and profiles.

Vinyl Cutting TurboShears provide easy scissor action for making straight cuts, circles, and squares in vinyl siding. A knife-like beveled blade edge quickly penetrates siding to start cut. Non-slip blades and 3/8 in. (9.53 mm) jaw opening tackles lock-seams with ease. Wide jaws combined with a 3/4 in. (19.05 mm) length of cut makes easy work of cutting through siding profiles.



TSV1
Pat. No. 9,649,702



Drill Requirements:
1/4 in. (6.35 mm) Chuck,
Min. 14.4V - DC, Max 7A-AC



Catalog Number	Description	Net Wt. oz. (g)	Net Wt. lbs. (kg)
TSV1	TurboShear, Vinyl Cutting	—	2.16 (0.98)
Replacement Parts			
TSDC	TurboShear Drill Clamp	8 (227)	—
TSCG	TurboShear Chuck Guard	.96 (27)	—
TSV1RB	TurboShear, Vinyl Cutting Replacement Blades	11.23 (318)	—



Asphalt Roofing Shingles - 1/2 in. **TurboShearSS**

Attach to any drill for fast straight cuts, circles, and squares in heavy asphalt shingles.

Make fast, smooth, trim cuts in multiple layers of asphalt shingles, up to 1/2 in. (12.7 mm) thick. Easily shear along a roof valley, or make tight left square cuts and circles to fit around utility outlets, with equal precision and ease. An extra-wide jaw opening with beveled lead-in tip on the upper blade handles multiple shingle layers. And a wide, flat lower blade offers exceptional operator control. Heat-treated carbon steel blades with solid carbide inserts hold their edge longer in any life-rated shingle or shingle thickness.



TSS1
Pat. No. 9,649,702



Drill Requirements:
1/4 in. (6.35 mm) Chuck,
Min. 14.4V - DC, Max 7A-AC



- Heat-treated carbon steel blades with solid carbide inserts offer long cutting life.
- Wide opening jaw with beveled lead-in tip accommodates multiple shingle layers.

Catalog Number	Description	Net Wt. oz. (g)	Net Wt. lbs. (kg)
TSS1	TurboShear, Asphalt Shingles	—	2.3 (1.04)
Replacement Parts			
TSDC	TurboShear Drill Clamp	8 (227)	—
TSCG	TurboShear Chuck Guard	.96 (27)	—
TSS1RB EV	TurboShear Asphalt Shingle Replacement Blades	7.04 (200)	—

1/2 in. (12.7 mm) Asphalt Shingles



Fiber Cement Siding - 5/16 in.

TurboShearFC

Make your drill a fiber cement siding shear!
Cuts 5/16 in. (8 mm) fiber cement siding plank with minimal dust!

A wide skid-plate on the head design stabilizes cutting action for extra-smooth results in 5/16 in. (8 mm) fiber cement siding plank. This versatile shear also navigates curved-pattern cuts for window and door arches. One blade and skid plate set will last an average of 30 residential siding projects. You can even rotate the tool's skid plate to maximize cutting life.



TSF1
Pat. No. 9,649,702



Drill Requirements:
1/4 in. (6.35 mm) Chuck,
Min. 14.4V - DC, Max 7A-AC



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

Catalog Number	Description	Net Wt. oz. (g)	Net Wt. lbs. (kg)
TSF1	TurboShear, Fiber Cement	—	2.5 (1.13)
Replacement Parts			
TSDC	TurboShear Drill Clamp	8 (227)	—
TSCG	TurboShear Chuck Guard	.96 (27)	—
TSF1RBN	TurboShear Replacement Blades for TSF1 (shown)	9.28 (263)	—

5/16 in. (8 mm) Fiber Cement Siding



Fiber Cement Backer Board - 1/2 in.

TurboShearFC

Make fast, straight cuts and quick corners in 1/2 in. (13 mm) fiber cement backer board and do it all with an easy one-hand operation.

Designed to replace messy, imprecise, scoring and snapping methods of trimming backer board. A wide skid-plate on the head design stabilizes cutting action for extra smooth results. This versatile shear navigates curved-pattern cuts for window and door arches and will also cut 5/16-in. (8 mm) fiber cement siding plank. You can even rotate the tool's skid plate to maximize cutting life.



TSF2
Pat. No. 9,649,702



Drill Requirements:
1/4 in. (6.35 mm) Chuck,
Min. 14.4V - DC, Max 7A-AC



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

Catalog Number	Description	Net Wt. oz. (g)	Net Wt. lbs. (kg)
TSF2	TurboShear, Fiber Cement Backer Board	—	2.5 (1.13)
Replacement Parts			
TSDC	TurboShear Drill Clamp	8 (227)	—
TSCG	TurboShear Chuck Guard	.96 (27)	—
TSF2RBN	TurboShear Replacement Blades for TSF2 (shown)	8.8 (249)	—
TSF2RB	TurboShear Replacement Blades for original TSF2	8.8 (249)	—

1/2 in. / 13 mm Fiber Cement Backer Board

Turboshear Pneumatics

- ***Metal Cutting***
- ***Double-Cut Metal Cutting***
- ***Fiber Cement Siding***
- ***Fiber Cement Backerboard***
- ***Vinyl Siding***
- ***Asphalt Shingles***



**Speedy,
Lightweight,
and Powerful**



Metal Cutting - 18 ga.

TurboShearHD Air

Long lasting blades make fast, smooth trim cuts and tight left circular or square cuts in metal ductwork, metal roofing, and building panels.

The ultimate tool for those who want to make fast, easy cuts in most common sheet metals. This versatile, compact pneumatic shear cuts straight and to the left and is capable of navigating profiles, tight patterns or square corners. Compatible with standard on-the-job or in-the-shop air supply set-ups.



2600 RPM 4 CFM, 133 L/Min
2600 TR/Min 90 PSI, 6.2 Bar

TSHD1A



Catalog Number	Description	Net Wt. oz. (g)	Net Wt. lbs. (kg)
TSHD1A	TurboShear Heavy-Duty, Pneumatic	—	2.2 (1.00)
Replacement Parts			
TSHDRB	TurboShear Heavy Duty Replacement Blades	7.04 (200)	—

Metal Capacities

Material	Spiral Duct 20 Gauge	Galvanized Steel 18 Gauge	Mild Steel 18 Gauge
inches (mm)	0.040 (1.02)	0.052 (1.32)	0.048 (1.22)



Double-Cut Metal Cutting - 18 ga.
TurboShearMD Air

Air power for fast, easy, clean shearing on both edges of cut. Cut either direction, as scrap spirals out of tool path.

Now you can get double-cut performance in a versatile Malco TurboShear. The 2600 RPM (2600 TR/Min) model TSM DA TurboShear Air Tool is compatible with your existing air supply and offers maximum power and speed in a double-cut style shear.

2600 RPM
2600 TR/Min
 4 CFM, 133 L/Min
 90 PSI, 6.2 Bar



Catalog Number	Description	Net Wt. oz. (g)	Net Wt. lbs. (kg)
TSM DA	Double-Cut TurboShear, Pneumatic	—	3.6 (1.63)
Replacement Parts			
TSM DRB	Double-Cut Replacement Blades	5.6 (159)	—

Metal Capacities

Material	Spiral Duct 20 Gauge	Galvanized Steel 18 Gauge	Mild Steel 18 Gauge
inches (mm)	0.040 (1.02)	0.052 (1.32)	0.048 (1.22)

Asphalt Roofing Shingles - 1/2 in.
TurboShearSS Air

Fast cutting, compact, Pneumatic Shingle Shear is compatible with common air supply set-ups and is capable of fast straight trim cuts along a valley and easy corner cuts and circles to fit around utility outlets.

This high speed pneumatic TurboShear Model TSS1A is specialized for cutting all types of asphalt shingles. A standard gas powered job-site compressor with 50-foot (15.24 m) hose set-up is adequate to power this versatile air tool.

2600 RPM
2600 TR/Min
 4 CFM, 133 L/Min
 90 PSI, 6.2 Bar



- Heat-Treated Carbon Steel Blades with solid carbide inserts offer long cutting life.
- Wide opening jaw with beveled lead-in tip accommodates multiple shingle layers.

Catalog Number	Description	Net Wt. oz. (g)	Net Wt. lbs. (kg)
TSS1A	TurboShear, Pneumatic, Asphalt Shingles	—	3.4 (1.54)
Replacement Parts			
TSS1RB EV	TurboShear Asphalt Shingle Replacement Blades	7.04 (200)	—

1/2 in. (12.7 mm) Asphalt Shingles

CE

Fiber Cement Siding - 5/16 in.

TurboShearFC Air

Fast cutting, compact, Pneumatic Fiber Cement Siding Shear is compatible with common air supply set-ups.



Combined with Malco's unique TurboShear Fiber Cement 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!



TSF1A



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

Catalog Number	Description	Net Wt. oz. (g)	Net Wt. lbs. (kg)
TSF1A	TurboShear, Fiber Cement, Pneumatic	—	3.6 (1.63)
Replacement Parts			
TSF1RBN	TurboShear Replacement Blades for TSF1A	9.28 (263)	—

5/16 in. / 8 mm Fiber Cement

2600 RPM
2600 TR/Min

4 CFM, 133 L/Min
90 PSI, 6.2 Bar



Fiber Cement Backer Board - 1/2 in.

TurboShearFC Air

Use your existing Air Supply! This pneumatic TurboShear will cut 1/2 in. (13 mm) fiber cement backer board quickly with minimal dust! The 2600 RPM motor unit gives you all the added power and speed you need for volume cutting at the job-site.



TSF2A



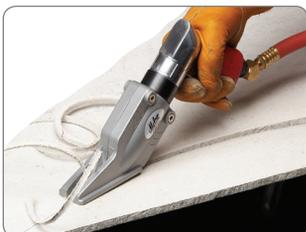
WARNING: Fiber cement contains crystalline silica. Respirable silica contained in cutting dust is known to cause cancer.

Catalog Number	Description	Net Wt. oz. (g)	Net Wt. lbs. (kg)
TSF2A	TurboShear, Fiber Cement Backer Board, Pneumatic	—	3.6 (1.63)
Replacement Parts			
TSF2REN	TurboShear Replacement Blades for TSF2A shown above	8.8 (249)	—
TSF2RB	TurboShear Replacement Blades for original TSF2A	8.8 (249)	—

1/2 in. / 13 mm Fiber Cement Backer Board

2600 RPM
2600 TR/Min

4 CFM, 133 L/Min
90 PSI, 6.2 Bar





Vinyl Siding Cutting

TurboShearVC Air

Use air power to make fast straight cuts, left circles and squares in all popular vinyl siding styles.

A knife-like beveled blade edge and easy scissor action quickly penetrates vinyl siding to start cut. Non-slip bite and 3/8 inch (9.53 mm) jaw opening tackles the lock-seam edge of siding with ease. The wide opening jaws combined with a 3/4 inch (19.05 mm) cutting length make easy work of cutting through profiles.



CE

2600 RPM
2600 TR/Min
 4 CFM, 133 L/Min
 90 PSI, 6.2 Bar

TSV1A



Catalog Number	Description	Net Wt. oz. (g)	Net Wt. lbs. (kg)
TSV1A	TurboShear, Vinyl Cutting, Pneumatic	—	3.3 (1.50)
Replacement Parts			
TSV1RB	TurboShear, Vinyl Cutting Replacement Blades	11.23 (318)	—

Sheet Metal Fabrication Tools

- **Hole Cutters**
- **Mini-Aviation Snips**
- **Stone Coated Steel Roofing Cutter**
- **TurboCrimpers**
- **Andy Snips**
- **Aviation Snips**
- **Saw Blades**
- **Crimpers**
- **Folding Tools**
- **Scoring Tools**
- **Connex Ratchet Kits**
- **Mini-Brake**
- **Pan Style Mini-Brake**
- **Notchers**
- **Reciprocating Saw Blades**
- **Hammers**
- **Gutter Saws**
- **Rivets**
- **Drill Sets**
- **Dampers and MORE!**

***Let Malco help you
navigate every twist,
turn, and bend in
sheet metal.***



Sheet Metal Circles made easy.



HC1
2-12 in. (51-305 mm)
Diameter Circles



HC2
2-20 in. (51-508 mm)
Diameter Circles



Distinctive gold bits, bearings, and pivot pin signify the longest lasting, fastest cutting, easiest adjusting solution for cutting holes in sheet metal.

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 in. (51 to 305 mm) diameter holes. The larger HC2 model cuts 2 to 20 in. (51 to 508 mm) holes. A combination English / Metric diameter gauge is included on the adjustable pivot slide for both, also including the same mill-type Cutter Bit and replacement parts.



◀ Malco Hole Cutters quickly install into the chuck of any corded or cordless drill as small as 1/4 in. (6.35 mm).

Gold Standard Cutter Bits The Real Difference



Malco cutter bits feature a long lasting, mill type cutting edge and large flat for adjusting the cutting edge location up or down to extend bit life. One cutter bit fits either model and is easily replaceable. Available in 1 packs (CB), 6 packs (CBB), and 100 Bulk Packs (CB100).



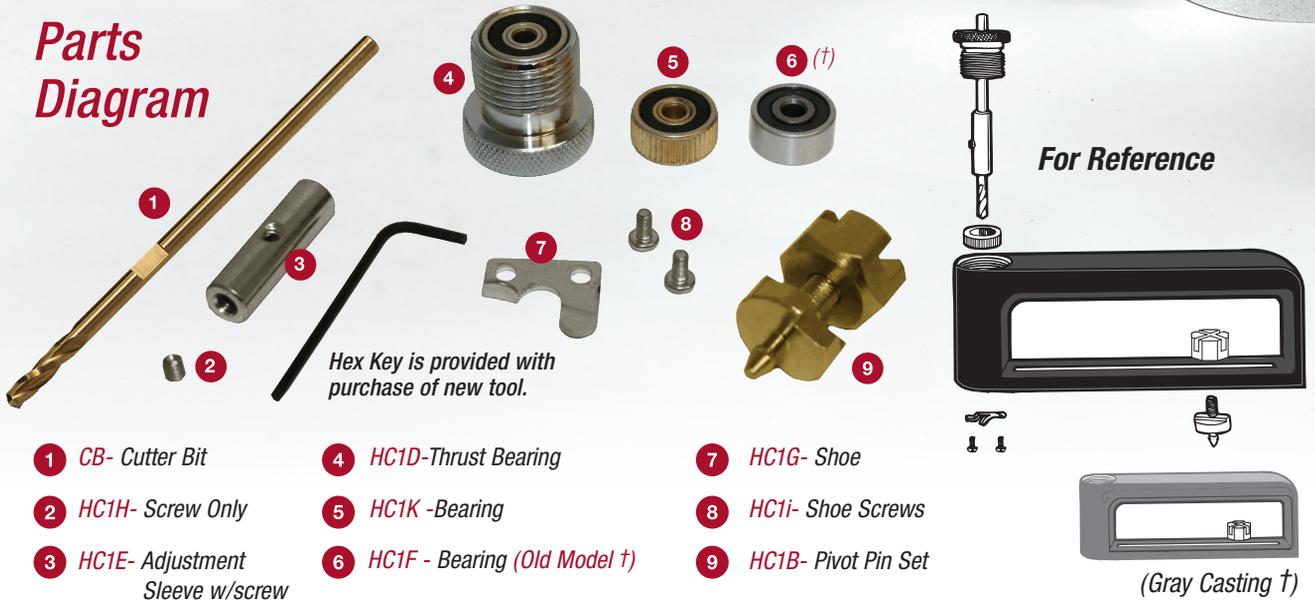
CB

CBB

CB100



Parts Diagram



- 1 CB- Cutter Bit
- 2 HC1H- Screw Only
- 3 HC1E- Adjustment Sleeve w/screw
- 4 HC1D-Thrust Bearing
- 5 HC1K -Bearing
- 6 HC1F - Bearing (Old Model †)
- 7 HC1G- Shoe
- 8 HC1i- Shoe Screws
- 9 HC1B- Pivot Pin Set

Catalog Number	Description	Steel Type	Hole Diameter in. (mm)	Net Wt. oz. (g)
HC1	Hole Cutter	—	2-12 (51-305)	16 (454)
HC2	Hole Cutter	—	2-20 (51-508)	22 (624)
HCAD	Angle Drive Accessory	—	—	20 (567)
CB*	Mill Type Cutter Bit (Single)	HSS (High Speed)	—	—
CBB*	Mill Type Cutter Bit (6 pack)	HSS (High Speed)	—	—
CB100*	Mill Type Cutter Bit (100 tub)	HSS (High Speed)	—	—
CAPACITIES				
	Material	Aluminum	Galvanized Steel 20 Gauge	Mild Steel 20 Gauge
HC1 / HC2	inches (mm)	.054 (1.37)	.040 (1.02)	.036 (0.91)

HCAD

Angle Drive Accessory
 May be used to help cut take-off holes in 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.



Fits 1/2 and 3/8 in. (12.7 and 9.5 mm) electric drills. Comes with own chuck.

† The only replacement part that is not interchangeable for all hole cutters is the bottom bearing. Early casting (GRAY) will take HC1F, NEW casting (BLACK) will take HC1K.

* recommended RPM 1350





TurboCrimper Impact

Get the competitive edge with a labor saving, cost-saving TurboCrimper impact driver attachment. **78% faster than hand tools!** It also eliminates the need for costly couplings.

**Crimps 30 – 24 Ga.
(0.41 - 0.71 mm)
Galvanized Steel**

5X Faster than Hand Crimpers.

Based on actual field trials. The Malco TurboCrimper IMPACT is designed to work with a minimum 12 volt DC cordless or maximum 7 amp AC corded impact driver equipped with a quick release 1/4 inch hex chuck.



Use Impact Driver Only!

Min. 12V DC Impact Driver with quick release 1/4 in. Hex Chuck.

Chuck it up and Go!

No set-up or adjustment is needed to immediately begin crimping multiple sizes, types, and thickness of round metal duct, including spiral duct and metal stove pipe.

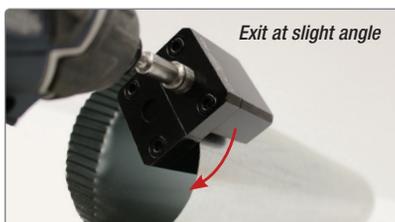
Time and Labor Saving.

Simple, effective design increases speed and ease of crimping 30 – 24 gauge (0.41 – 0.71 mm) galvanized steel round duct and (0.31 - 0.61 mm) cold rolled steel stove pipe.

Storage? No Problem.

The compact TurboCrimper IMPACT is easy to balance while in use and stores easily in a pouch or bag when not in use.

Operating Tips



Catalog Number	Description	Chuck Requirements	Impact Driver Requirements	Net Weight
C5A2	TurboCrimper IMPACT	1/4 in. Quick Release	Min. 12V DC, Max 7A AC	30 oz. (848 g)

Replacement Drive Shaft

C5A2RD EV	Replacement Drive Shaft
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Metal Capacities

Material	Galvanized Steel 30-24 Gauge	Cold Rolled 30-24 Gauge
inches (mm)	0.016 - 0.034 (0.41-0.71)	0.016 - 0.034 (0.31-0.61)



TurboCrimper

Use your existing drill to save time and effort crimping 30 to 24 ga. (0.41 to 0.71 mm) galvanized steel duct, spiral duct, aluminum pipe or (0.61 to 0.31 mm) black stove pipe!



Drill Not Included.
Pat. No. 7,093,365

The rotation of the meshing teeth on the adjacent gears drives the metal out the right side of the tool head. Use the throat depth line as a guide to control the length of the crimp.



Use the crimper depth adjustment lever, in the down position, to open gears for easy insertion and removal of metal. The narrow point of entry in the face of the tool prevents fingers from entering the gears that produce the crimp. Start the crimp to the left of the duct or pipe lock-seam. With the lever in the up position, the maximum crimping depth is factory set for optimal results in 26 to 28 gauge (0.56 to 0.48 mm) galvanized steel. Back off the lever for lighter metals or re-adjust the maximum crimp, per operators manual, for heavier metals. A clutch in the gear mechanism prevents damage to the crimper attachment if seams are encountered that exceed crimper capacity.

Drill Requirements:

3/8 in. (9.53 mm) Chuck,
Min. 14.4V - DC, Max 7A-AC

Drill should be set to low forward drilling speed.

The drive shaft of the CR crimping attachment inserts into the chuck of a minimum 14.4 volt cordless or maximum 7 amp A/C drill. A compact, telescoping clamp adjusts to fit both length and width of any size drill housing. The installed TurboCrimper is easily operated with one hand. Set the drill at low forward drilling speed. A 9:1 gear reduction ensures safety and control.

360° Rotating Collar will not fit on this model.

Catalog Number	Description	Net Wt. oz. (g)	Net Wt. lbs. (kg)
C5A	Turbo Crimper Drill Attachment	—	4.9 (2.22)
Replacement Parts			
TSDC	TurboShear Drill Clamp	8 (227)	—
TSCG	TurboShear Chuck Guard	.96 (27)	—

Metal Capacities

Material	Galvanized Steel 30-24 Gauge
inches (mm)	0.016 - 0.028 (0.41-0.71)





12 inch Snips

High carbon inset steel blades with sleek aluminum frames for greater maneuverability and superior material flow.

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



M12N

Andy 12 in. (31 cm) Pattern straight shearing, mild curve cuts, and multiple layers of material.



MC12N

Andy 12 in. (31 cm) Combination L or R circles to 6 in. (15 cm) diameter and straight cuts.

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



M12NG



MC12NG

Original styling with a natural fit make Andy Classics a perfect compliment to any toolbag!



M12A

Andy Classic 12 in. (31 cm) Pattern straight shearing, mild curve cuts, and multiple layers of material.

The snug fit and feel of the original Andy Classic.



MC12A

Andy Classic 12 in. (31 cm) Combination L or R circles to 6 in. (15 cm) diameter and straight cuts.

Catalog Number	Description	Length of Cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)	Replacement Blades
M12N	Andy 12 in. (31 cm) Pattern Snip	3 (76.2)	12 (31)	16 (454)	M12NRB
M12NG	Andy 12 in. (31 cm) Pattern Snip "Gripped"	3 (76.2)	12 (31)	20 (567)	M12NRB
MC12N	Andy 12 in. (31 cm) Combination Snip	3 (76.2)	12 (31)	16 (454)	MC12NRB
MC12NG	Andy 12 in. (31 cm) Combination Snip "Gripped"	3 (76.2)	12 (31)	20 (567)	MC12NRB

Catalog Number	Description	Length of Cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)	Replacement Blades	Original Model Replacement Blades
M12A	Andy Classic 12 in. (31 cm) Pattern Snip	3 (76.2)	12 (31)	17 (482)	M12ARB	M12 use M12RB
MC12A	Andy Classic 12 in. (31 cm) Combination Snip	3 (76.2)	12 (31)	17 (482)	MC12ARB	MC12 use MC12RB

CAPACITIES	Material	Vinyl	Aluminum	Copper	Stainless Steel 26 Gauge	Galvanized Steel 24 Gauge	Mild Steel 24 Gauge
All Andy Snips	inches (mm)	.055 (1.40)	.035 (0.89)	.023 (0.58)	.018 (0.46)	.028 (0.71)	.024 (0.61)



14 inch Snips

Andy Snips feature multiple handle openings to fit large or small hands and provide superior material flow. A sleek head design improves maneuverability. A full 3-1/4 in. (82.6 mm) cutting length makes straight shearing fast and easy.

Pressure-fit inset blades make field replacement easy!

M14N



Andy 14 in. (36 cm) Pattern straight shearing, mild curve cuts, and multiple layers of material.

Large 14 in. (36 cm) frame with roomy handle loops and big 3-1/4 in. (82.6 mm) cutting length.

MC14N



Andy 14 in. (36 cm) Combination L or R circles to 6 in. (15 cm) diameter and straight cuts.

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

M14A



Andy Classic 14 in. (36 cm) Pattern straight shearing, mild curve cuts, and multiple layers of material.

Original styling with a natural fit make Andy Classics a perfect compliment to any toolbox!

MC14A



Andy Classic 14 in. (36 cm) Combination L or R circles to 6 in. (15 cm) diameter and straight cuts.

Catalog Number	Description	Length of Cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)	Replacement Blades	Original Model Replacement Blades	
M14A	Andy Classic 14 in. (36 cm) Pattern Snip	3-1/4 (82.6)	14 (36)	22 (624)	M14ARB	M14 use M14RB	
MC14A	Andy Classic 14 in. (36 cm) Combination Snip	3-1/4 (82.6)	14 (36)	22 (624)	MC14ARB	MC14 use MC14RB	
M14N	Andy 14 in. (36 cm) Pattern Snip	3-1/4 (82.6)	14 (36)	20 (567)	M14NRB	—	
MC14N	Andy 14 in. (36 cm) Combination Snip	3-1/4 (82.6)	14 (36)	20 (567)	MC14NRB	—	
CAPACITIES		Material	Aluminum	Copper	Stainless Steel 26 Gauge	Galvanized Steel 24 Gauge	Mild Steel 24 Gauge
All Andy Snips		inches (mm)	.035 (0.89)	.023 (0.58)	.018 (0.46)	.028 (0.71)	.024 (0.61)

Aviation Snips

Nothing outcuts, outmaneuvers, or outlasts Max!



M2001



M2003



Sharp Tipped Center Jaw



M2004

Max2000 Left, Right, and Combination Aviation Snips

feature alloy steel blades with serrated lower jaws for solid gripping power in sheet metals, vinyl plastics, layered metals, and seams (including "S" cleats).



M2002

The Max2000 Double-Cut Snip employs a best of all worlds close tolerance design for consistent performance. A curved cutting edge on the center jaw reduces cutting force required and large relief grinds on all jaws minimize drag. The double cut blades feed smoothly, cut cleanly without surface distortion, and easily navigate metal seams encountered in round metal duct and stove pipe. A self-starting point on center jaw makes short work of blind cuts.



M2006



M2007



M2005

Versatile Max2000 Offset

Right and Left Aviation Snips feature a serrated upper jaw of hardened alloy steel and a forged steel lower jaw to produce a strong, sharply defined cutting edge for superior offset maneuverability and cutting performance.

The Max2000 Bulldog Snip

features shorter blades with a serrated lower jaw for controlled notching and trimming out to the blade tip in layered sheet metals and metal seams.

Catalog Number	Description	Cutting Application	Grip Color	Length of Cut in. (mm)	Tool Length in. (mm)	Net Wt. oz. (g)
M2001	Standard	Cuts Left	Red	1-3/8 (34.9)	10 (254)	14 (397)
M2002	Standard	Cuts Right	Green	1-3/8 (34.9)	10 (254)	14 (397)
M2003	Standard	Cuts Straight, Left and Right	Yellow	1-11/16 (42.9)	10 (254)	14 (397)
M2004	Straight Double Cut	Straight, Double Cut	Yellow	1-3/8 (34.9)	10 (254)	16 (454)
M2005	Bulldog	Notching and Trimming	Red	1-1/16 (27)	10 (254)	13 (367)
M2006	Offset	Cuts sharp left angles, straight lines and 5 in. (125 mm) diameter Circles.	Red	1-1/4 (31.8)	10 (254)	16 (454)
M2007	Offset	Cuts sharp right angles, straight lines and 5 in. (125 mm) diameter Circles.	Green	1-1/4 (31.8)	10 (254)	16 (454)

CAPACITIES	Material	Aluminum	Copper	Stainless Steel 22 Gauge	Galvanized Steel 22 Gauge	Mild Steel 22 Gauge
M2004	inches (mm)	0.040 (1.02)	0.034 (0.86)	—	0.034 (0.86)	0.030 (0.76)
	Material	Aluminum	Copper	Stainless Steel 20 Gauge	Galvanized Steel 18 Gauge	Mild Steel 18 Gauge
All other Max Snips	inches (mm)	0.062 (1.57)	0.054 (1.37)	0.038 (0.97)	0.054 (1.37)	0.048 (1.22)

Max2000 Replacement Spring Order: M2000S

REPLACEMENT SPRING M2000S - Fits all Max2000 Snips in this catalog.



Classic Aviation Snips

Nothing feels quite like Max2000 Classic Snips!

MAX2000 Aviation Snips are the first choice for precise, professional results – any way you cut it! Whether choosing the new grips of our MAX2000 series or going with our classic handle aviation snips, now called MAX2000 Classics, pros know they can count on Malco performance with every cut, snip or notch.



Versatile Max2000 Classic Offset Right and Left Aviation Snips



classic

Catalog Number	Description	Cutting Application	Grip Color	Length of Cut in. (mm)	Tool Length in. (mm)	Net Wt. oz. (g)
M2001C	Standard	Cuts Left	Red	1-3/8 (34.9)	10 (254)	14 (397)
M2002C	Standard	Cuts Right	Green	1-3/8 (34.9)	10 (254)	14 (397)
M2003C	Standard	Cuts Straight, Left and Right	Yellow	1-11/16 (42.9)	10 (254)	14 (397)
M2006C	Offset	Cuts sharp left angles, straight lines and 5 in. (125 mm) diameter Circles.	Red	1-1/4 (31.8)	10 (254)	16 (454)
M2007C	Offset	Cuts sharp right angles, straight lines and 5 in. (125 mm) diameter Circles.	Green	1-1/4 (31.8)	10 (254)	16 (454)

CAPACITIES	Material	Aluminum	Copper	Stainless Steel 22 Gauge	Galvanized Steel 22 Gauge	Mild Steel 22 Gauge
Max Snips	inches (mm)	0.062 (1.57)	0.054 (1.37)	0.038 (0.97)	0.054 (1.37)	0.048 (1.22)

BIG performance miniaturized.



Real performance in a compact lightweight snip, designed for challenging tight spots

- Forged steel jaws with precision-ground serrations on the lower blade produce a sharply defined edge for cutting accuracy and control.
- The AVsMini left and right cutting offset design provides superior material flow in 24-gauge (0.61 mm) cold rolled and (0.71 mm) galvanized steel for making sharp square cuts, tight 5 inch (125 mm) diameter circles, and straight line cuts, even on curved surfaces.
- With overall length of 7-1/8 inches (181 mm), the AVsMini easily works in tight or awkward spaces where full-size aviation snips are challenged.



AV1



AV3



Aviation Snips Forged Steel Aviation Snips

Malco's AVs Aviation Snips feature POWER-FIT™ Performance Hand Grips with non-slip grooves and improved safety hand guards, that evenly distribute pressure, resulting in less fatigue and increased productivity, while providing maximum grip even in the dirtiest conditions.



AV's Left, Right & Combination Aviation Snips

Traditional design with forged steel jaws, torsion handle spring, and side latch.



AV2



AV6

AV's Offset Right & Left Forged Snips

Forged steel upper and lower jaws with torsion handle spring and latch.



AV7

Vertical Forged Steel Aviation Snips



AV's Left & Right Vertical Aviation Snips

Left and right cutting forged serrated edge steel jaws are set at a 90 degree angle to allow easy access when cutting sheet metal in tight spaces, or overhead.

AV8



AV9



Ultra

Lightweight Snips

**Heavyweight Attitude
at less than 10 ounces!**



- Strong, lightweight 10 in. (254 mm) polymer frame
- Easy-to-grasp, protective handle loops
- Big 3 in. (76 mm) long controlled cut
- Designed for all weather conditions



Includes a Full Size Handle!



Worry-Free Blade Changes! Malco Ultra Lightweight Snips utilize a fully threaded brass insert thermally anchored in the blade area of the polymer frame for holding power and no loss of thread integrity.

Pattern, Bulldog & Duckbill Forged Steel Snips

**Regular
Pattern Snips**
For straight cutting
and wide curves.



Bulldog Pattern Snips
Big, powerful snip for straight
cuts and notches.



**Circular
Duckbill Snips**
Maneuver and cut easily
to the very tip of blade.
Cut a variety of material
without tearing or catching.

Catalog Number	Description	Cutting Application	Grip Color	Length of Cut in. (mm)	Tool Length in. (mm)	Net Wt. oz. (g)
AV1	Standard	Cuts Left	Red	1-3/8 (34.9)	9-5/8 (245)	14 (397)
AV2	Standard	Cuts Right	Green	1-3/8 (34.9)	9-5/8 (245)	14 (397)
AV3	Standard	Cuts Straight, Left and Right	Yellow	1-1/2 (38.1)	9-7/8 (251)	14 (397)
AV6	Offset	Cuts sharp left angles, straight lines and tight diameter circles	Red	1-1/4 (31.8)	9-5/8 (245)	15 (425)
AV7	Offset	Cuts sharp right angles, straight lines and tight diameter circles	Green	1-1/4 (31.8)	9-5/8 (245)	15 (425)
AV8	Vertical	Left Cutting Vertical Aviation Snip	Red	1-3/8 (34.9)	8-3/4 (222)	16 (454)
AV9	Vertical	Right Cutting Vertical Aviation Snip	Green	1-3/8 (34.9)	8-3/4 (222)	16 (454)
AVM6 EV	Mini	Cuts Left	Red	3/4 (19)	7-1/8 (181)	8 (227)
AVM7 EV	Mini	Cuts Right	Green	3/4 (19)	7-1/8 (181)	8 (227)

Catalog Number	Description	Length of Cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)
M9	Regular Pattern Snip	3 (76.2)	12-1/2 (32)	27 (766)
M15	Bulldog Pattern Snip	2-1/2 (63.5)	16-1/2 (42)	59.2 (1678)
MD10	Circular "Duckbill" Snip	10 (25)	13 (369)	
MD12	Circular "Duckbill" Snip	3 (76.2)	27 (766)	

Catalog Number	Description	Length of Cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)	Replacement Blades
ULC10	Metal Cutting, Combination Snip	3 (76)	10 (254)	9.5 (254)	MC12ARB

CAPACITIES	Material	Aluminum	Copper	Stainless Steel 20 Ga.	Galvanized Steel 18 Ga.	Mild Steel 18 Ga.	Cold Rolled Steel 24 ga.	Stainless Steel 28 ga.
AV Snips	in. (mm)	0.062 (1.57)	0.054 (1.37)	0.036 (0.91)	0.052 (1.32)	0.048 (1.22)	—	—
AV Minis AVM6, AVM7	in. (mm)	—	—	—	—	—	0.024 (0.61)	.028 (0.38)
AV Vertical AV8, AV9	in. (mm)	—	—	—	—	—	0.024 (0.61)	.028 (0.38)
	Material	Aluminum	—	—	Galvanized Steel 26 Ga.	Mild Steel 26 Ga.	—	—
ULC10	in. (mm)	.030 (0.76)	—	—	0.020 (0.51)	0.018 (0.46)	—	—

5-Blade Crimper



Longer, shallower crimps produced with the C5R result in a tighter fitting, more self supporting, leak-proof connection in sheet metal pipe & duct.

Easy Hand Motion and Greater Control:

A superior compound leverage mechanism offers maximum ease of operation. Comfortable opening and spring-actuated handles give additional comfort and control. Ergonomic Redline Handles with unique one-hand operation latch offer maximum compound leverage performance and natural fit and feel.

Longer Lasting Performance

Wear resistant, hardened steel construction throughout. Hardened steel also produces greater handle strength to resist abuse and collapsing. Nickel plating resists elements.

Offset Crimper



3-Blade Crimper



Single Crimper



Ideal offset crimper for 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. Long wearing steel components are nickel plated to resist elements.

Ideal for crimping heavy 24 to 22 gauge (0.71 to 0.86 mm) galvanized sheet steel.

Long wearing steel components are nickel plated to resist elements. Ergonomic Redline Handles with unique one-hand operation latch offer maximum compound leverage performance and natural fit and feel.

Fast, easy to use and lightweight. Handy lock makes tool pocket sized.

Rust-resistant, zinc plated steel construction with vinyl cushioned grips.

Catalog Number	Description	Throat Depth in. (mm)	Variable Leverage Ratio (High / Low) throughout stroke	Jaws	Length in. (mm)	Net Wt. oz. (g)
C5R	5-Blade Crimper	1-5/8 (41.3)	6.6 to 1.0 - 8.7 to 1.0	Carbon Steel	9-5/8 (244)	17 (482)
C6R	Offset Pipe Crimper	1-5/8 (41.3)	—	Carbon Steel	—	16 (454)
SC3R	3-Blade Crimper	1-1/4 (31.8)	6.6 to 1.0 - 8.7 to 1.0	Carbon Steel	9 (229)	14 (397)
SC1	1-Blade Crimper	1-1/4 (31.8)	—	Carbon Steel	8 (203)	8 (227)

CAPACITIES	Material	Aluminum	Copper	Stainless Steel 26 Gauge	Galvanized Steel 24 Gauge	Mild Steel 24 Gauge
C5R	inches (mm)	0.035 (0.89)	0.023 (0.58)	0.018 (0.46)	0.028 (0.71)	0.024 (0.61)
C6R	inches (mm)	0.035 (0.89)	0.023 (0.58)	0.018 (0.46)	0.028 (0.71)	0.024 (0.61)
SC1	inches (mm)	0.035 (0.89)	0.023 (0.58)	0.018 (0.46)	0.028 (0.71)	0.024 (0.61)

CAPACITIES	Material	Aluminum	Copper	Stainless Steel 24 Gauge	Galvanized Steel 22 Gauge	Mild Steel 22 Gauge
SC3R	inches (mm)	—	—	0.024 (0.61)	0.034 (0.86)	0.030 (0.76)

Replacement Spring for Hand Tools

5018 Fits C5R, C6R and SC3R

Hand Notcher



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

13/16 in. (20.6 mm) maximum throat depth. Upper cutting jaw is drop forged high impact alloy steel. Hook design of cutting jaw facilitates notching corners or take-off tabs to desired depth without slipping. Long-wearing, hardened stamped steel components.



All tools on this page feature rust resistant nickel plate and black oxide finishes. Ergonomic Redline Handles with unique one-hand operation latch offer maximum compound leverage performance and natural fit and feel.

One-Inch Notcher



Snap Lock Punch



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

Folding and fabricating metal ductwork is easier than ever with the full 1 inch clearance the N2R single operation notcher provides. Precision-ground steel upper jaw and hardened stamped steel components.

Join sheet metal, duct and pipe sections economically.

Punches raise a louvered shaped projection on metal edge for locking into rolled edge of sheet or piece to be joined. Metal pieces snap together and are fastened securely. Compound Handle Leverage for maximum ease of operation. Punch impression spaced 3/8 in. from edge of metal. Heavy forged cutting jaw.

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

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

Replacement Spring for Hand Tools

5018 Fits N1R, N2R, SL1R



Easy Folding Bends without ruining paint finish!

Die cast zinc jaws are gentle on painted or coated metal surfaces and ideal for making clean and accurate bends and seams in aluminum roof flashing, coil stock or fascia.

The jaws feature depth graduations in 1/4 inch (6.35 mm) increments to a maximum 2 inch (50.8 mm) bending depth. The jaws of these large die cast seamers are bowed so that they will hold firmly and evenly across the entire jaw width even when engaged on very light material. These Seamers are not warranted for use as a striking tool or for prying or bending heavy ferrous sheet metal. Durable construction offers long, dependable service life under normal use. These tools also feature rust resistant nickel plating.



6 in. Hand Seamer

Precise vee-notched depth graduations on jaws are in 1/4 in. (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. Designed for all the metal trades, including HVACR installation, roofing and siding applications and commercial building and remodeling.

Catalog Number	Description	Jaw Depth in. (mm)	Jaw Width in. (mm)	Variable Leverage Ratio (High / Low) throughout stroke	Jaws	Length in. (mm)	Net Wt. oz. (g)
S5R	5 in. Hand Seamer	2 (50.8)	5 (127)	4.7 to 1.0 - 7.1 to 1.0	Die Cast Zinc	9 (229)	22 (624)
S9R	9 in. Hand Seamer	2 (50.8)	9 (229)	4.7 to 1.0 - 7.1 to 1.0	Die Cast Zinc	9 (229)	28 (794)
S2R	3 in. Hand Seamer	1-1/4 (31.8)	3-1/4 (83)	4.7 to 1.0 - 7.1 to 1.0	High Carbon Steel Forgings	8 (203)	24 (680)
S3R	3 in. Offset Hand Seamer	1-1/4 (31.8)	3-1/4 (83)	4.7 to 1.0 - 7.1 to 1.0	High Carbon Steel Forgings	8 (203)	24 (680)
S6R	6 in. Hand Seamer	1-1/4 (31.8)	6 (152)	4.7 to 1.0 - 7.1 to 1.0	High Carbon Steel Forgings	8 (203)	30 (851)
CAPACITIES	Material	Aluminum	Copper	Stainless Steel 26 Gauge	Galvanized Steel 24 Gauge	Mild Steel 24 Gauge	
S5R / S9R	inches (mm)	0.029 (0.74)	—	—	—	—	
S2R / S3R / S6R	inches (mm)	0.035 (0.89)	0.023 (0.58)	0.018 (0.46)	0.028 (0.71)	0.024 (0.61)	

Replacement Spring for Hand Tools

5018 Fits All models on this page

Straight or Offset, for the way you work!

The Malco Seamer & Tongs line features generous throat depths and openings to handle a broad range of bending and seaming applications. Durable all-cast-steel construction with heavy-duty pivot point assures long service life. Comfortable vinyl cushioned grips facilitate easier one-hand operation.

- Comfortable vinyl cushioned grips.
- 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.



Precision ground jaws with beveled nose make precise 135° bends.

Straight Seamer & Tongs



S10



SG10

Vinyl-gripped jaws
are non-marring.

Offset Seamer & Tongs



S11



SG11

Vinyl-gripped jaws
are non-marring.

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



MINI-BRAKE®

Compact & Portable

Make big or small fabrications on the job with this lightweight and portable tool! Use the Mini Brake anywhere on the job site, even on a truck tailgate, for a variety of fabricating tasks from large HVAC transitions up to 4-feet wide to narrow roof flashing to structures as small as a 4-inch square. Extra wide feet offer stability even when operating on a truck tailgate.

Makes bends to 135 degrees in galvanized sheet steel up to 22 gauge (0.86 mm).



MB48A

MBL
Optional Leg Kit
(Sold separately).



A 5/16 in. (7.9 mm) plate steel apron & adjustable strengthening ribs on anvil assure uniform bends across width of material.



Accommodates sheet metal up to 48 in. (1.2 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-in. (101.6 mm) square.



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



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	Description	Minimum Hem Bending Depth in. (mm)	Width. ft. (M)	Net Wt. lbs. (kg)
MB48A	Mini-Brake	1/2 (12.7)	4 (1.22)	72 (32.66)
MBL	Leg Kit	—	—	18 (8.17)

CAPACITIES	Material	Aluminum 18 Ga.	Soft Copper 18 Ga.	Zinc 18 Ga.	55% Al-Zn Mild Steel 22 Ga.	Stainless Steel 24 Gauge	Galvanized Steel 22 Gauge	Mild Steel 22 Gauge
MB48A	inches (mm)	0.040 (1.02)	0.040 (1.02)	0.040 (1.02)	0.030 (0.76)	0.024 (0.61)	0.034 (0.86)	0.030 (0.76)



Pan Style MINI-BRAKE®

Goes wherever you need to work.

For fabricating shop-quality pans and boxes, on the job, the Malco 48 in. (1.2 m) "Pan Style" Mini-Brake quickly breaks down and goes to work with you!

Initial assembly requires only a few metric wrenches, and / or adjustables, plus one supplied hex wrench. The fully assembled MB48B "Pan-Style" Mini-Brake is designed to be portable. At just under 100 pounds (45 kg), it may be carried comfortably by two people, or quickly separated into anvil and table components for one-person transport.

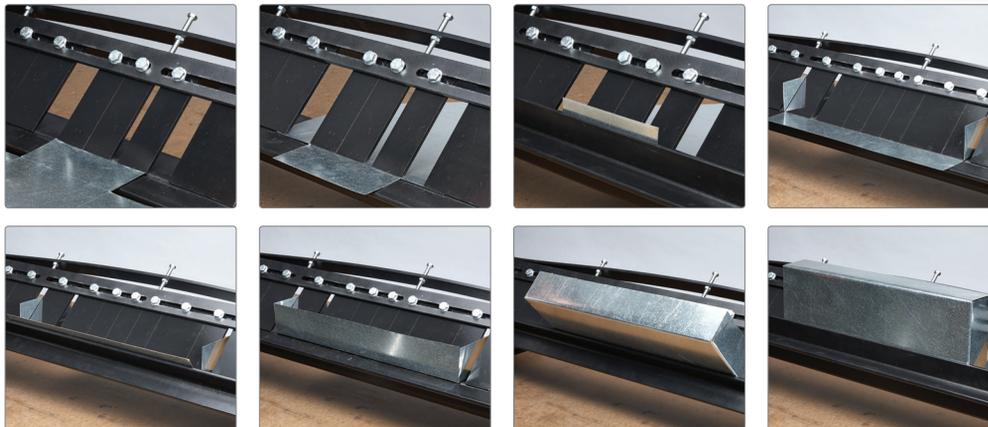


Create bending widths from 2 to 48 (50.8 mm-1.2 m) inches!



MB48B

Finger Plate Widths: • (5) 2 in., 50.8 mm • (6) 3 in., 76.2 mm • (5) 4 in., 101.6 mm



MBL
Optional Leg Kit
(Sold separately)

Choose a combination of fingers that will span the bending width as closely as possible. Adding space between fingers when arranging combinations to accommodate fractional or uneven numbered pan or box side-width dimensions will still produce an accurate bend. The anvil's clearance allows for a range of pan or box side-height dimensions from 1/2 inch (12.7 mm) to a maximum of 3 inches (76.2 mm).

Catalog Number	Description	Bend Angle	Max Bend Width	Min. Bend Width	Max Pan Height	Min. Pan Height	Min. Flange Net Wt.
MB48B	Mini-Brake	0 - 135°	48 in. (1.2 m)	2 in. (50.8 mm)	3 in. (76.2 mm)	.5 in. (12.7 mm)	99 lbs. (44.9 kg)
Options / Replacement Parts							
MBL	Leg Kit	—	—	—	—	—	—
MB48B2	Replacement Finger Plate for MB48B 2-in. (50.8 mm)	—	—	—	—	—	—
MB48B3	Replacement Finger Plate for MB48B 3-in. (76.2 mm)	—	—	—	—	—	—
MB48B4	Replacement Finger Plate for MB48B 4-in. (101.6 mm)	—	—	—	—	—	—
CAPACITIES							
	Material	Aluminum 18 Ga.	Soft Copper 18 Ga.	Zinc 18 Ga.	Galvanized Steel 22 Ga.	55% Al-Zn Mild Steel 22 Ga.	
MB48B	inches (mm)	0.040 (1.02)	0.040 (1.02)	0.040 (1.02)	0.034 (0.86)	0.030 (0.76)	

Straight and Offset 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.



Model DS2 has the same unique features as model DS1 plus the angled bend of an offset handle to eliminate knuckle contact with metal.



Step 1. Place wheel located on moveable cam to one side of adjoining duct flanges.

Step 2. Turn handle down to pull duct sections together and lock in place.



Locking Duct Stretcher

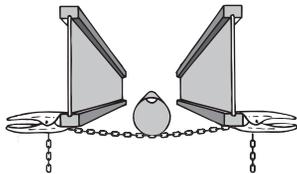
Model DS3 locking duct stretcher pulls duct sections together and holds them in place while freeing both hands to align and install drive cleats.

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.

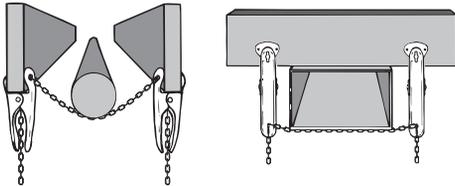
Catalog Number	Description	Length in. (mm)	Net Wt. oz. (g)
DS1	Duct Stretcher	16 (406)	12 (340)
DS2	Offset Duct Stretcher	16 (406)	12 (340)
DS3	Locking Duct Stretcher	12 (305)	30 (851)
Replacement Parts for DS1, DS2 and DS3			
DS1C	Replacement wheels, nuts and screws (2 each)		

Pipe and Duct Holders

Temporarily suspending duct or venting from any joist is fast and easy. Double-ended keyhole also allows easy chain adjustment and locking in a horizontal clamping position, required for engineered joists, without the need to tie the chain around the clamp. Formed teeth hold the clamp securely in place on joist.



Holds duct in place, either between or under joists until properly secured.



Holder also open wide and clamp securely for use on engineered wood joists.



2DH

CAUTION: 20 lbs (9 kg) Maximum Work Load
For use on residential lumber and / or engineered I-beam construction only.



Catalog Number	Description	Chain Length ft. (M)
2DH	1 pair of clamps and chain	4 (1.22)



3/16", 1/4" Square

5-1/2" O/A Length

5/16", 3/8" Square



3/16", 1/4" Square

6-7/8" O/A Length

1/2", 9/16" Hex



3/16", 1/4" Square

5-3/8" O/A Length

5/16", 3/8" Square



3/16 in. hex tip with 1/4 in. square shank.
2-3/16 in. O/A length

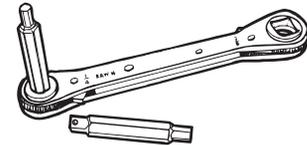


3/16 in. hex tip with 1/4 in. square shank.
2-3/16 in. O/A length



5/16 in. hex tip with 1/4 in. square shank.
2-1/8 in. O/A length

Refrigeration Ratchet Wrenches



5/16 and 3/16 in. Hex Key Wrench Inserts

These hex key inserts, with 1/4 inch square shanks, fit any Malco Refrigeration Wrench for easy ratcheting action when servicing hard-to-access valves in ACR condensing units.

* The RRW316C Hex Key Insert has a shorter 3/16 inch hex point which makes the 5/16 inch hex body also accessible as a hex key for many valve applications.

Refrigeration Ratchet Wrenches

Catalog Number	Description	Square Shank Diameter in.	Hex Key Diameter in.	O/A Lgth. in.
RRW4	Refrigeration Ratchet Wrench	1/4	1/2 & 9/16	6-7/8
RRW3	Refrigeration Ratchet Wrench	3/16, 1/4, 5/16 & 3/8	—	5-1/2
RRW5	Refrigeration Ratchet Wrench	3/16, 1/4, 5/16 & 3/8	—	5-3/8

5/16 and 3/16 in. Hex Key Wrench Inserts

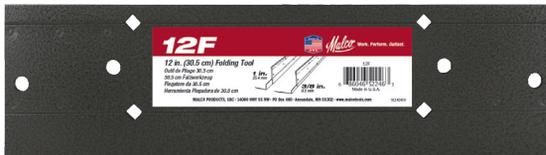
Catalog Number	Description	Square Shank Diameter in.	Tip Lgth. in.	Hex Key Diameter in.	O/A Lgth. in.
RRW516	Hex Key Ratchet Wrench Insert	1/4	—	5/16	2-1/8
RRW316	Hex Key Ratchet Wrench Insert	1/4	3/4	3/16	2-3/16
RRW316C*	Hex Key Ratchet Wrench Insert	1/4	1/2	3/16	2-3/16
RRW316 / 316C	Hex Key Ratchet Wrench Combo Kit	1/4	3/4 - 1/2	3/16	2-3/16



3/8 in. (9.5 mm) and 1 in. (25.4 mm) folding depths with a 24-30 gauge capacity.

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

12F



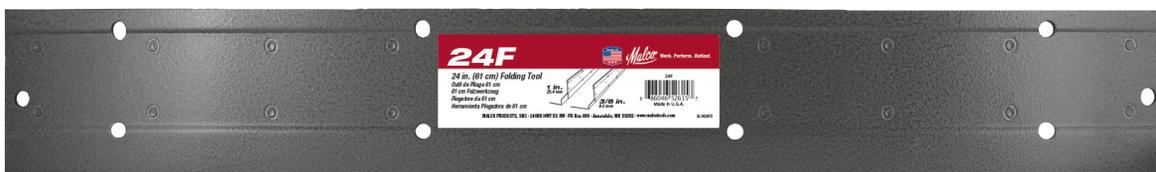
12F - 12 in. (30.5 cm) long tool is ideal for HVAC applications such as 3/8 in. (9.5 mm) folds for drive cleats and big 1 in. (25.4 mm) deep folds for joist panning, plenums, register boots, trunk line end caps and more.

18F



Longer 18F - 18 in. (45.7 cm) tool assures a uniform fold.

24F



Extra long 24F - 24 in. (60.1 cm) tool may also be used as a mini brake by siding applicators.

Catalog Number	Description	Folding Depths in. (mm)	Length in. (cm)	Net Wt. oz. (g)
12F	12 in. Folding Tool	3/8 (9.5), 1 (25.4)	12 (30.5)	20 (425)
18F	18 in. Folding Tool	3/8 (9.5), 1 (25.4)	18 (45.7)	31 (879)
24F	24 in. Folding Tool	3/8 (9.5), 1 (25.4)	24 (60.1)	42 (1191)

CAPACITIES	Material	Mild Steel 24 Gauge
Folding Tools	inches (mm)	0.024 (0.61)



Dampers

Malco 28 Gauge Dampers feature 1/4 in. (6.4 mm) bearings allowing 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.



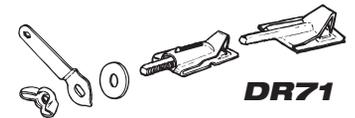
Damper Regulator Hardware

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



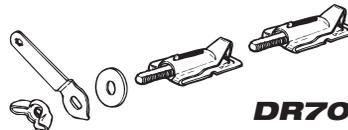
DR69

Single Bearing / Spring Loaded:
1-spring bearing / 1-inside washer / 1-handle / 1-wing nut



DR71

Double Bearing :
1-spring bearing / 1-fixed tip / 1-inside washer / 1-handle / 1-wing nut



DR70

Double Bearing :
2-spring bearing / 1-inside washer / 1-handle / 1-wing nut

Bulk Components



WN100
(100 pack) Wingnuts



H1100
(100 pack) Damper Handles

Catalog Number	Pipe Diameter in. (mm)	Bearing
Standard Dampers, including Wingnuts (Unassembled) 28 Gauge (0.48 mm) 100 packs		
D5100	5 (127)	single
D6100	6 (152)	single
D6HT100	6 (152)	double
D7HT100	7 (178)	double
D8HT100	8 (203)	double

Catalog Number	Pipe Diameter in. (mm)	Bearing
Standard Dampers, including Wingnuts (Pre-assembled) 28 Gauge (0.48 mm) 100 packs		
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.



4IN1
U.S. Patent No. D861,453



Positive Lock

A quick-release, secure positive lock secures telescoping shaft in position and prevents collapsing when forceful in-line pressure is applied during use.



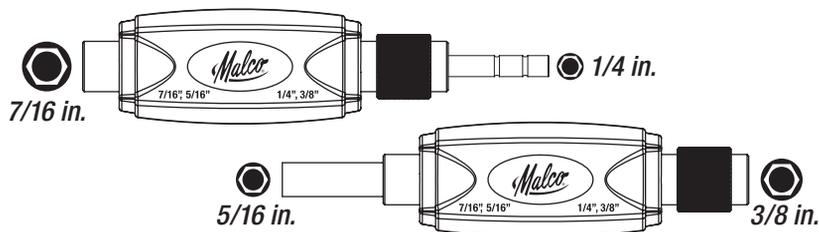
3 Position Combinations

The 4-in-1 Nut Driver is perfect for pocket or pouch, and offers superior performance, ease of use and long service life. The driver shaft can be extended or retracted to produce three different end to end combinations: 1/4" and 5/16"; 3/8" and 5/16"; and 1/4" and 7/16".



SURE Fastener Engagement

Hardened chrome vanadium steel sockets offer sure fastener engagement and control. The comfortable 3-lobe handle is made of high-torque ABS plastic, and a non-slip TPR over-molded grip offers additional comfort and control on the job.



Available in Single Packs and Box Display!



Catalog Number	Description	Hex Sizes	Tool Length in. (mm)	Net Weight oz. (g)
4IN1	4IN1 Nut Driver	1/4, 5/16, 3/8, 7/16 in.	5-1/4 (133)	7 (199)
4IN1i	4IN1 Nut Driver (Single)	1/4, 5/16, 3/8, 7/16 in.	5-1/4 (133)	7 (199)

CONNEXT®



Ratcheting Handle and Professional Kits

An impressive array of CONNEXT™ drive shaft combinations includes kits and a versatile ratcheting handle.

A forward or reverse ratchet driving mechanism, as well as the locked driving position of the CONNEXT ratcheting handle, meets torque capacity standards (including ANSI) comparable to a 1/2-inch solid shaft driver! The clear, molded acetate, full grip is shock-proof, shatter-proof and fluted to fit any hand. The quick-connect holder mechanism accepts most 1/4 inch hex shank power drive or insert bits as a shaft, including all Malco hollow or magnetic hex chuck drivers.

➡ Forward | ⬅ Reverse | ○ Locked

Magnetic Hex Driver & Nut Driver Kits

Whole kits of possibilities feature popular assortments of handles and hollow or magnetic hex chuck driver shafts in a tough cordura pouch with belt clip and velcro closure.

Full, Stubby & Ratcheting style grips, plus all handles feature a quick-connect holder and drivers are color coded for easy size recognition!



Magnetic!

CONNEXT 4 9 Piece Hex Hand Driver Kit

Kit includes:

CONNEXT 1 Standard Handle CONNEXT 2 Stubby Handle CONNEXT 3 Ratcheting Handle
MSH1/4 • MSH5/16 • MSHL1/4 • MSHL5/16
MSHXL1/4 • MSHXL5/16



Magnetic!

CONNEXT 5 12 Piece Hex Hand Driver Kit

Kit includes:

CONNEXT 1 Standard Handle CONNEXT 2 Stubby Handle CONNEXT 3 Ratcheting Handle
MSH1/4 • MSH5/16 • MSH3/8 • MSHL1/4 • MSHL5/16 • MSHL3/8 • MSHXL1/4 • MSHXL5/16 • MSHXL3/8



CONNEXT 6 8 Piece Hex Hand Driver Kit

Kit includes:

CONNEXT 1 Standard Handle CONNEXT 3 Ratcheting Handle
HD1 • HD2 • HD3 • HD4 • HD5 • HD6



Magnetic Hex & Hollow Nut Handles and Drivers

Sold together, each package includes both the handle & chuck driver. The CONNEXT difference is a quick-connect holder mechanism that accepts most 1/4 inch shank chuck drivers to any handle.

Magnetic Hex Hand Drivers with CONNEXT® Standard & Stubby Handles

Precision-fit and hardened Malco Magnetic Hex Chuck Driver shaft components offer the ultimate in hex hand driver durability and flexibility. Insert shanks are available in 2-inch, 3-inch and 6-inch lengths.



HHD1T



HHD2T



HHD3T



HHD1S



HHD2S



HHD3S



HHD1



HHD2



HHD3



Hollow Nut Drivers with CONNEXT® Standard Handle

Hollow hex chuck drivers with 1/4-inch power insert shanks are available in 3-inch and 6-inch lengths. All Malco hex chuck drivers are color coded for easy size identification whether installed on a power drill or used with a CONNEXT Handle.

Size Recognition Color Key

- Red — 1/4 in. Hex Opening
- Yellow — 5/16 in. Hex Opening
- Blue — 3/8 in. Hex Opening

CHD1



CHD3



CHD5



CHD2



CHD4



CHD6



Hollow Hex Chuck Drivers



**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 100.



**Magnetic Hex Drivers
Long Style**
1/4 and 5/16 sizes also available in bulk tubs of 50.

Magnetic Hex Chuck Drivers



**CONNEXT®
Quick Change Handles**

Clear, molded acetate grips are shock-proof, shatter-proof and fluted to fit any hand. Including ratcheting handle!



CONNEXT 1
Standard Handle



CONNEXT 2
Stubby Handle



CONNEXT 3
Ratcheting Handle

Robertson® Style Square Head Chuck Drivers

- Fully hardened
- Square tip will not cam out
- #1 and #2 drivers available in 1-3/4 in. and 2-1/2 in. lengths



1/4 in. Hex Shank Power Bits



Quick Change Hex Adapter

Accepts 1/4 in. hex power bits. Installs into chuck of a standard 3/8 in. power drill. Tempered steel. Black finish.



**Magnetic Bit Holder for
1/4 in. Hex Shank Insert Bits**



IMPACT GRADE

QUICK-CHANGE

EXTENSION BITS



SECURE FIT

A Fast and Easy Push-in Style Receiver, with 3 ball bearing detents holds any 1/4 inch hex shank power groove or insert bit securely. Retract the collar only when removing bit.



IMPACT GRADE

Impact Grade Steel Construction make these durable extensions versatile for use with any Impact Driver or Malco CONNEXT Handle!



Do not combine extension bits. Doing so can result in damage to the tool or injury to user.

Robertson® Style Square Head Chuck Drivers

Catalog Number	Description	Point Size	Color	Shank Dia. in.	O/A Lgth. in. (mm)
SD1	Square Head Driver	#1	●	1/4	1-3/4 (45)
SD2	Square Head Driver	#2	●	1/4	1-3/4 (45)
SDX1	Square Head Driver	#1	●	1/4	2-1/2 (63)
SDX2	Square Head Driver	#2	●	1/4	2-1/2 (63)

Power Bit Extensions

Catalog Number	Description	Hex Opening in.	Shank Dia. in.	Nose Dia. in.	O/A Lgth. in.
BHE3	3 in. Extension Bit	1/4	1/4	5/8	3
BHE6	6 in. Extension Bit	1/4	1/4	5/8	6
BHE10	10 in. Extension Bit	1/4	1/4	5/8	10
BHE12	12 in. Extension Bit	1/4	1/4	5/8	12

Quick Change Hex Adapter

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

Size Recognition Color Key

- Red — 1/4 in. Hex Opening
- Yellow — 5/16 in. Hex Opening
- Blue — 3/8 in. Hex Opening
- Brown — 7/16 in. Hex Opening

Hollow Nut Drivers

Catalog Number	Description	Color Coded	Hex Opening in.	Hollow Depth in. (mm)	Insert Dia. in. (mm)	Nose Dia. in. (mm)	Holder Dia. in. (mm)	Shaft Total Lgth. in. (mm)	O/A Lgth. in. (mm)	Shaft Replacement #
CHD1	CONNEXT Hollow Nut Driver	●	1/4	1-1/2 (38)	1/4 (6)	7/16 (11)	11/16 (18)	3-3/8 (86)	7-1/2 (19)	HD1
CHD2	CONNEXT Hollow Nut Driver	●	1/4	3 (76)	1/4 (6)	7/16 (11)	11/16 (18)	6-7/8 (175)	10-1/2 (27)	HD2
CHD3	CONNEXT Hollow Nut Driver	●	5/16	1-1/2 (38)	1/4 (6)	1/2 (13)	11/16 (18)	3-3/8 (86)	7-1/2 (19)	HD3
CHD4	CONNEXT Hollow Nut Driver	●	5/16	3 (76)	1/4 (6)	1/2 (13)	11/16 (18)	6-7/8 (175)	10-1/2 (27)	HD4
CHD5	CONNEXT Hollow Nut Driver	●	3/8	1-1/2 (38)	1/4 (6)	9/16 (14)	11/16 (18)	3-3/8 (86)	7-1/2 (19)	HD5
CHD6	CONNEXT Hollow Nut Driver	●	3/8	3 (76)	1/4 (6)	9/16 (14)	11/16 (18)	6-7/8 (175)	10-1/2 (27)	HD6



CONNEXT® Magnetic Long Hand Drivers

Catalog Number	Description	Color Coded	Reaction	Hex Opening in.	Insert Dia. in. (mm)	Nose Dia. in. (mm)	Holder Dia. in. (mm)	Shaft Total Lgth. in. (mm)	O/A Lgth. in. (cm)	Shaft Replacement #
HHD1	CONNEXT Long Hand Driver	●	Magnetic	1/4	1/4 (6)	7/16 (11)	11/16 (18)	6-7/8 (175)	10-1/2 (27)	MSHXL14
HHD2	CONNEXT Long Hand Driver	●	Magnetic	5/16	1/4 (6)	1/2 (13)	11/16 (18)	6-7/8 (175)	10-1/2 (27)	MSHXL516
HHD3	CONNEXT Long Hand Driver	●	Magnetic	3/8	1/4 (6)	9/16 (14)	11/16 (18)	6-7/8 (175)	10-1/2 (27)	MSHXL38

CONNEXT® Magnetic Standard Length Hand Drivers

Catalog Number	Description	Color Coded	Reaction	Hex Opening in. (mm)	Insert Dia. in. (mm)	Nose Dia. in. (mm)	Holder Dia. in. (mm)	Shaft Total Lgth. in. (mm)	O/A Lgth. in. (cm)	Shaft Replacement #
HHD1S	CONNEXT Standard Lgth. Hand Driver	●	Magnetic	1/4	1/4 (6)	7/16 (11)	11/16 (18)	3 (76)	7-1/8 (18)	MSHL14
HHD2S	CONNEXT Standard Lgth. Hand Driver	●	Magnetic	5/16	1/4 (6)	1/2 (13)	11/16 (18)	3 (76)	7-1/8 (18)	MSHL516
HHD3S	CONNEXT Standard Lgth. Hand Driver	●	Magnetic	3/8	1/4 (6)	9/16 (14)	11/16 (18)	3 (76)	7-1/8 (18)	MSHL38

CONNEXT® Magnetic Stubby Hand Drivers

Catalog Number	Description	Color Coded	Reaction	Hex Opening in. (mm)	Insert Dia. in. (mm)	Nose Dia. in. (mm)	Holder Dia. in. (mm)	Shaft Total Lgth. in. (mm)	O/A Lgth. in. (cm)	Shaft Replacement #
HHD1T	CONNEXT Stubby Hand Driver	●	Magnetic	1/4	1/4 (6)	7/16 (11)	11/16 (18)	2-1/4 (57)	4-1/8 (10)	MSH14
HHD2T	CONNEXT Stubby Hand Driver	●	Magnetic	5/16	1/4 (6)	1/2 (13)	11/16 (18)	2-1/4 (57)	4-1/8 (10)	MSH516
HHD3T	CONNEXT Stubby Hand Driver	●	Magnetic	3/8	1/4 (6)	9/16 (14)	11/16 (18)	2-1/4 (57)	4-1/8 (10)	MSH38

Specifications for previous page



1/4 in. Hex Shank Power Bits

Catalog Number	Description	Point Size	Shank Dia. in.	O/A Lgth. in.
MBLP2	Hex Shank Power Bit	3	1/4	1-15/16
MBLP3	Hex Shank Power Bit	2	1/4	1-15/16
MBLP4	Hex Shank Power Bit	2	1/4	2-3/4
MBSP2	Hex Shank Short Bit	2	1/4	1

Magnetic 1/4 in. Hex Shank Insert Bits Holder

Catalog Number	Description	Hex Opening in.	Shank Dia. in.	Nose Dia. in.	O/A Lgth. in.
MBH14	Bit Holder	1/4	1/4	7/16	3

CONNEXT®



CONNEXT[®]
Specifications

Short Magnetic Hex Chuck Drivers

Catalog Number	Color Coded	Hex Opening in.	Insert Dia. in. (mm)	Nose Dia. in. (mm)	O/A Lgth. in. (mm)
MSH14	●	1/4	1/4 (6)	7/16 (11)	1-3/4 (44)
MSH14T	● (Bulk Tub of 100)	1/4	1/4 (6)	7/16 (11)	1-3/4 (44)
MSH516	●	5/16	1/4 (6)	1/2 (13)	1-3/4 (44)
MSH516T	● (Bulk Tub of 100)	5/16	1/4 (6)	1/2 (13)	1-3/4 (44)
MSH38	●	3/8	1/4 (6)	9/16 (14)	1-3/4 (44)



Long Magnetic Hex Chuck Drivers

Catalog Number	Color Coded	Hex Opening in.	Insert Dia. in. (mm)	Nose Dia. in. (mm)	O/A Lgth. in. (mm)
MSHL14	●	1/4	1/4 (6)	7/16 (11)	2-9/16 (65)
MSHL14T	● (Bulk Tub of 50)	1/4	1/4 (6)	7/16 (11)	2-9/16 (65)
MSHL516	●	5/16	1/4 (6)	1/2 (13)	2-9/16 (65)
MSHL516T	● (Bulk Tub of 50)	5/16	1/4 (6)	1/2 (13)	2-9/16 (65)
MSHL38	●	3/8	1/4 (6)	9/16 (14)	2-9/16 (65)
MSHL716	●	7/16	1/4 (6)	11/16 (18)	2-9/16 (65)



Extra Long Magnetic Hex Chuck Drivers

Catalog Number	Color Coded	Hex Opening in.	Insert Dia. in. (mm)	Nose Dia. in. (mm)	O/A Lgth. in. (mm)
MSHML14	●	1/4	1/4 (6)	7/16 (11)	4 (102)
MSHXL14	●	1/4	1/4 (6)	7/16 (11)	6 (152)
MSHXL14T	● (Bulk Tub of 50)	1/4	1/4 (6)	7/16 (11)	6 (152)
MSHML516	●	5/16	1/4 (6)	1/2 (13)	4 (102)
MSHXL516	●	5/16	1/4 (6)	1/2 (13)	6 (152)
MSHXL516T	● (Bulk Tub of 50)	5/16	1/4 (6)	1/2 (13)	6 (152)
MSHXL38	●	3/8	1/4 (6)	9/16 (14)	6 (152)



Hollow Hex Chuck Drivers

Catalog Number	Color Coded	Hollow Depth in. (mm)	Hex Opening in.	Insert Dia. in. (mm)	Nose Dia. in. (mm)	O/A Lgth. in. (mm)
HD1	●	1-1/2 (38)	1/4	1/4 (6)	7/16 (11)	3 (76)
HD2	●	3 (76)	1/4	1/4 (6)	7/16 (11)	6 (152)
HD3	●	1-1/2 (38)	5/16	1/4 (6)	1/2 (13)	3 (76)
HD4	●	3 (76)	5/16	1/4 (6)	1/2 (13)	6 (152)
HD5	●	1-1/2 (38)	3/8	1/4 (6)	9/16 (14)	3 (76)
HD6	●	3 (76)	3/8	1/4 (6)	9/16 (14)	6 (152)



Quick-Change Handles

Catalog Number	Description	Grip Dia. in. (mm)	Grip Lgth. in. (mm)	Holder Opening in.	Holder Dia. in. (mm)	Holder Lgth. in. (mm)	O/A Lgth. in. (cm)
CONNEXT1	CONNEXT1 Quick-Change Standard Handle	1-1/8 (29)	4-1/8 (105)	1/4	11/16 (18)	1-1/8 (29)	5-1/4 (133)
CONNEXT2	CONNEXT2 Quick-Change Stubby Handle	1-1/8 (29)	1-7/8 (48)	1/4	11/16 (18)	1-1/8 (29)	3-1/8 (79)

Quick-Change Ratcheting Handle

Catalog Number	Description	Driving Positions	Torque Capacity	Grip Dia. in. (mm)	Grip Length in. (mm)	Holder I.D. in.	Holder O.D. in. (mm)	Holder Length in. (mm)	O/A Length in. (mm)
CONNEXT3	Ratcheting Style Handle Long	Forward, Reverse, Locked	Comp. 1/2 solid shaft	1-1/8 (29)	4-1/8 (105)	1/4 Hex	5/8 (16)	1-5/8 (41)	6-3/8 (162)

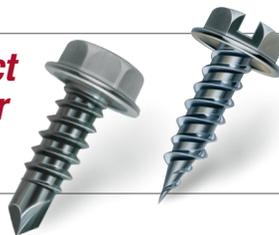




Cleanable-Reversible™

U.S. Patent No. 10,328,554

The Perfect System for
See Pages 8-11



Zip-in®
Bit-Tip®



These cleanable chuck drivers with “2-EZ Technology” ensures that reversible, hex drives are always at hand. Featuring single-piece strength and an indestructible, cleanable magnet, it’s the perfect companion for trade professionals. (Available in 4 Lengths).



Easily Remove Metal Shavings from Magnetic Tip



One-Piece Strength



Quickly Reversible

C-RHEX® Cleanable, Reversible, Magnetic Hex Drivers

Catalog Number	Description	Color Coded	Reaction	Hex Opening in. (mm)	Insert Dia. in. (mm)	Nose Dia. in. (mm)	O/A Length in. (cm)
MSHC1	Cleanable, Reversible Hex Driver	Blue / Yellow	Magnetic	Blue 3/8 / Yellow 5/16	1/4 (6)	1/2 (12.7)	2 (5.1)
MSHLC1	Cleanable, Reversible Hex Driver	Blue / Yellow	Magnetic	Blue 3/8 / Yellow 5/16	1/4 (6)	1/2 (12.7)	2-5/8 (6.7)
MSHMLC1	Cleanable, Reversible Hex Driver	Blue / Yellow	Magnetic	Blue 3/8 / Yellow 5/16	1/4 (6)	1/2 (12.7)	4 (10.1)
MSHXC1	Cleanable, Reversible Hex Driver	Blue / Yellow	Magnetic	Blue 3/8 / Yellow 5/16	1/4 (6)	1/2 (12.7)	6 (15.2)
MSHC	Cleanable, Reversible Hex Driver	Red / Yellow	Magnetic	Red 1/4 / Yellow 5/16	1/4 (6)	1/2 (12.7)	2 (5.1)
MSHLC	Cleanable, Reversible Hex Driver	Red / Yellow	Magnetic	Red 1/4 / Yellow 5/16	1/4 (6)	1/2 (12.7)	2-5/8 (6.7)
MSHMLC	Cleanable, Reversible Hex Driver	Red / Yellow	Magnetic	Red 1/4 / Yellow 5/16	1/4 (6)	1/2 (12.7)	4 (10.1)
MSHXC	Cleanable, Reversible Hex Driver	Red / Yellow	Magnetic	Red 1/4 / Yellow 5/16	1/4 (6)	1/2 (12.7)	6 (15.2)

MALCO BLUE

IMPACT-GRADE CHUCK DRIVERS

Impact Stress Resistant • Precise Machining for Fail-Proof Fastener Engagement



Magnetic Hex Chuck Drivers feature a spring-loaded, floating magnet that prevents breakage from impact driver stress or from higher-profile screw hex head screws that may seat directly on magnet.

Short Magnetic Hex Chuck Drivers

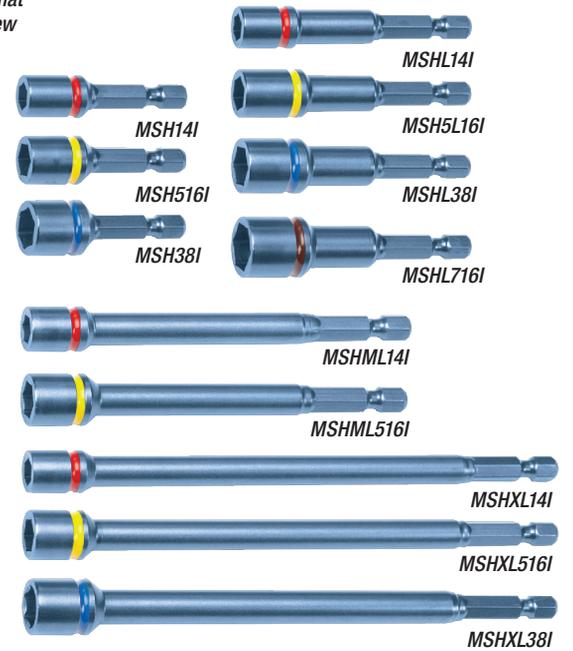
Catalog Number	Color Coded	Hex Opening in.	HEX Insert in. (mm)	Nose Diameter in. (mm)	Overall Length in. (mm)
MSH14I	Red	1/4	1/4 (6)	7/16 (11)	2 (51)
MSH516I	Yellow	5/16	1/4 (6)	1/2 (13)	2 (51)
MSH38I	Blue	3/8	1/4 (6)	9/16 (14)	2 (51)

Long Magnetic Hex Chuck Drivers

MSHL14I	Red	1/4	1/4 (6)	7/16 (11)	2-9/16 (65)
MSHL516I	Yellow	5/16	1/4 (6)	1/2 (13)	2-9/16 (65)
MSHL38I	Blue	3/8	1/4 (6)	9/16 (14)	2-9/16 (65)
MSHL716I	Brown	7/16	1/4 (6)	11/16 (18)	2-9/16 (65)

Extra Long Magnetic Hex Chuck Drivers

MSHML14I	Red	1/4	1/4 (6)	7/16 (11)	4 (102)
MSHML516I	Yellow	5/16	1/4 (6)	1/2 (13)	4 (102)
MSHXL14I	Red	1/4	1/4 (6)	7/16 (11)	6 (152)
MSHXL516I	Yellow	5/16	1/4 (6)	1/2 (13)	6 (152)
MSHXL38I	Blue	3/8	1/4 (6)	9/16 (14)	6 (152)



Star, Phillips and Square bit selections feature unique high-torque steel construction and a design that absorbs and dissipates impact-driver-induced stress at peak loads.

Square Insert Bits

Catalog Number	Point Size	HEX Insert in. (mm)	Overall Length in. (mm)
SD1IP	#1	1/4 (6)	1 (25)
SD2IP	#2	1/4 (6)	1 (25)

Square Power Bits

SD1XIP	#1	1/4 (6)	2 (51)
SD2XIP	#2	1/4 (6)	2 (51)

Phillips Insert Bits

PH2IP	#2	1/4 (6)	1 (25)
PH3IP	#3	1/4 (6)	1 (25)

Phillips Power Bits

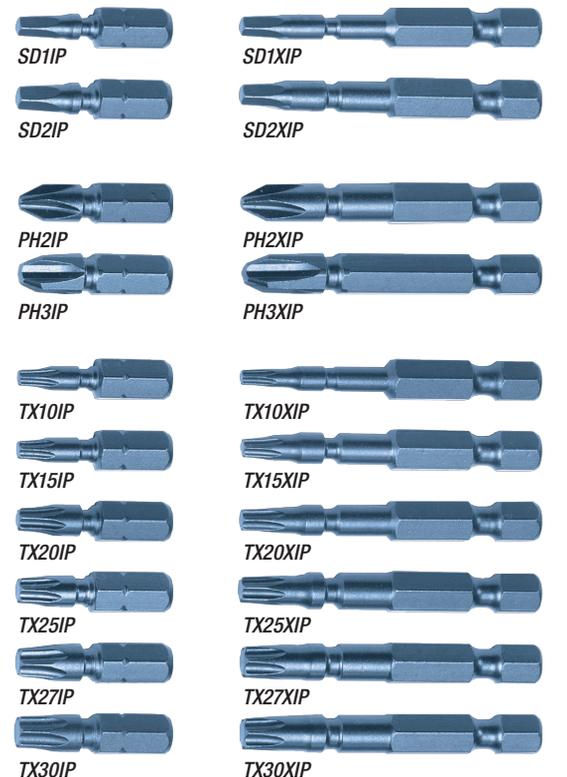
PH2XIP	#2	1/4 (6)	2 (51)
PH3XIP	#3	1/4 (6)	2 (51)

Star Insert Bits

TX10IP	T10	1/4 (6)	1 (25)
TX15IP	T15	1/4 (6)	1 (25)
TX20IP	T20	1/4 (6)	1 (25)
TX25IP	T25	1/4 (6)	1 (25)
TX27IP	T27	1/4 (6)	1 (25)
TX30IP	T30	1/4 (6)	1 (25)

Star Power Bits

TX10XIP	T10	1/4 (6)	2 (51)
TX15XIP	T15	1/4 (6)	2 (51)
TX20XIP	T20	1/4 (6)	2 (51)
TX25XIP	T25	1/4 (6)	2 (51)
TX27XIP	T27	1/4 (6)	2 (51)
TX30XIP	T30	1/4 (6)	2 (51)





6 in 1 Reversible Driver

Combination bits change to drive 6 different head styles or sizes. 1/4 & 5/16 in. Hex opening nut driver with 3/16 & 9/32 in. slotted head bit and #1 & #2 Phillips head bit.

Shank firmly locks into handle barrel. Driver bits are individual protected with black oxide. Shank is chrome plated to protect against rust.

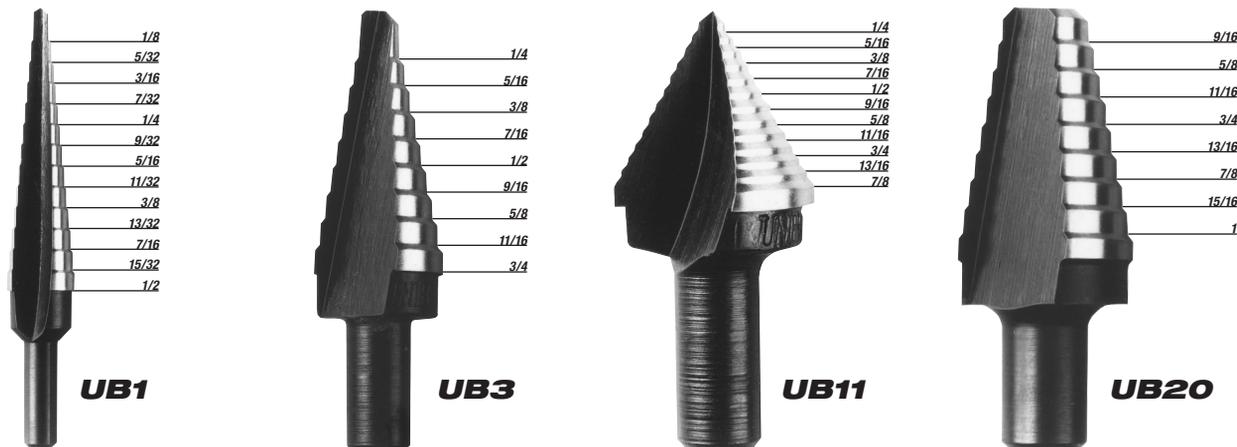


Catalog Number	Description
RD6	Driver with 2 combination bits and 2 hex barrel openings

Step Drills

Drill hole sizes from 1/8 to 1 in. through sheet metal without burring, deforming stock, or threading drill bit. A unique double flute design assures the penetration of soft or thin materials at the proper speed.

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. (Note: All sizes listed in inches).



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



Adjustable Sheet Metal Scribe



A60

Measure, mark, and scribe trim lines on sheet metal in one easy operation. Set desired trim depth on the 1/8 in. (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 in. sheet metal screw point scribes a clean, hard line. Adjustable from 1/4 to 12-1/2 in. (6.4 to 318 mm) depths. Rotate the scriber extension and knob end to end for depths larger than 6-1/2 in. (165 mm). Includes two extra Zip-ins in handle for points.



Carbide Tipped Scribe



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.



Fast Adjusting Scribes



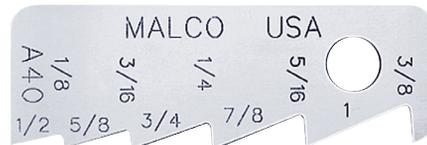
#24

#18

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



Pocket Sized Sheet Metal Scribe



A40

Scribe commonplace trim lines on galvanized sheet metal quickly and accurately. Ten pre-set scribing depths from 1/8 to 1 in. (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.



Expandable Trammel Points



TR18

TR42

Two sizes handle a variety of layout applications. The TR42 expands to a big 42 in. (107 cm) radius (84 in. diameter). The compact TR18 expands to 18 in. (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.



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	Description	Radius Min. in. (mm)	Radius Max. in. (mm)	O/A Storage Length in. (cm)	Min. / Max. Adjustments in. (mm)	Length in. (cm)	Net Wt. oz. (g)	Replacement Parts
A60	Adjustable Sheet Metal Scriber	—	—	—	1/4 to 12-1/2 (6.4 to 318)	—	10 (284)	12027
TR18	18" Trammel Point	7 (18)	18 (46)	12 (31)	—	—	4 (113)	TRP
TR42	42" Trammel Point	12 (30)	42 (107)	24 (61)	—	—	7 (199)	TRP
A50	Carbide Tip w/ retractable point	—	—	—	—	—	10 (284)	A50R
#18	Divider Max. diameter circle 32 (81 cm)	—	—	—	—	11 (28)	7 (199)	RP2 / 10018
#24	Divider Max. diameter circle 42 (107 cm)	—	—	—	—	13-1/2 (34)	9 (255)	RP2 / 10018
A40	Scribing Depths in. (mm)	—	—	—	—	—	—	—
	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)			

		Nominal Blade Diameter in. (mm)	Blade Length in. (mm)	O/A Length in. (mm)
A00	Regular Grip Handle Scratch Awl	1/8 (3.2)	3 (76)	5-1/2 (140)
A0	Regular Grip Handle Scratch Awl	1/8 (3.2)	3 (76)	6-1/4 (159)
A10	Regular Grip Handle Scratch Awl	3/16 (4.8)	3-3/4 (95)	7 (178)
A1	Large Grip Handle Scratch Awl	7/32 (5.6)	3-1/2 (89)	5-3/4 (146)
A20	Regular Grip Handle Scratch Awl	1/4 (6.4)	4 (102)	7-3/4 (197)
A2	Large Grip Handle Scratch Awl	1/4 (6.4)	4 (102)	6-1/4 (159)
A3	Large Grip Handle Scratch Awl	5/16 (7.9)	5 (127)	7-1/2 (191)



SH3
18 oz. (510 g.)

Most Popular!

The most popular choice of sheet metal professionals worldwide, the Malco SH3 setting hammer's leather grip permanently conforms to the user's hand for ultimate comfort and ease of use.

One-Piece Steel Leather Grippped Setting Hammer

Grip is protected with a durable lacquer coating. Leather conforms to hand over time. Malco's most popular setting hammer.



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.

Leather Grippped Riveting Hammer

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



RH4
12 oz. (340 g.)

Vinyl Grippped Riveting Hammer

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



RH4V
12 oz. (340 g.)

Vinyl Grippped Setting Hammer

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



SH3V
18 oz. (510 g.)

Catalog Number	Description	Head Weight oz. (g)	Head Length in. (mm)	Face Size in. (mm)	O/A Length in. (mm)
SH3	Leather Grippped Sheet Metal Hammer	18 (510)	5-1/2 (140)	7/8 (22.2)	11-3/4 (298)
SH3V	Vinyl Grippped Setting Hammer	18 (510)	5-1/2 (140)	7/8 (22.2)	11-3/4 (298)
RH4	Leather Grippped Riveting Hammer	12 (340)	4-7/8 (124)	3/4 (19.1)	11 (279)
RH4V	Vinyl Grippped Riveting Hammer	12 (340)	4-7/8 (124)	3/4 (19.1)	11 (279)



Dead Blow Hammer

Non-Marring • Non-Sparking • Non-Recoiling

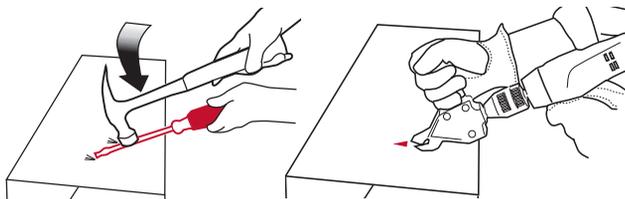
- One piece construction of weather resistant, urethane compound ensures long service life.
- Steel shot inside head absorbs impact to prevent recoil.
- Excellent for working copper, other soft metals and hardened sheet steel including ductwork and auto body panels.
- Flanged handle butt for a more secure grip.

DB1

16 oz. (454 g.)

Duct Ripper

Perfect companion tool to our TS1 metal cutting TurboShear!
Specially angled ground tip easily punctures and rips duct to the desired length starting hole.



Rip starter hole

Insert TurboShear or metal cutting snip

CDR



Corrosion resistant blade, cushioned grip, and a hang hole for storage complete this handy tool.

Hardened tip is ground on both sides to create two cutting edges for long, useful life. Cutting edges are aligned with shaft flats for large striking surfaces.

Catalog Number	Description	Claw	Head Weight oz. (g)	Head Length in. (mm)	Cutting Edge in. (mm)	Face Size in. (mm)	O/A Length in. (mm)	Nominal Length in. (mm)	Net Weight oz. (g)
CDR	Duct Ripper	—	—	—	—	—	—	9-1/2 (241)	5 (147)
DB1	Dead Blow Hammer	—	17 (482)	3-1/2 (89)	—	1-1/4 (32)	11 (279)	—	16 (454)



Secures any width stud and runner without screws or other fasteners. • Unique punch and die are easily replaceable. • Maximum capacity 22 gauge stud and runner.

Compound leverage increases mechanical advantage nearly 7 to 1. Simply squeeze handles together with one hand while holding stud in place.

The PL1R Metal Stud Crimper features a unique punch and die shape that creates a rectangular crimp connection by bending over layered thicknesses of channel and stud at one time to form a sturdy bond without the use of fasteners. Lightweight and compact size allows the user to work overhead with ease. The tool body consists of a strong, die-cast aluminum “C” frame head and rust-resistant, nickel plated steel handles and parts stampings. The long-life punch and die are formed from tool steel and are also easily replaced on the job.

The Malco PL1R Stud Crimper also features ergonomic RedLine Handle technology. Handle grip contours, a non-slip grip insert, spring handle actuation, and a thumb operated handle latch ensure a natural fit and feel for comfortable one hand operation anywhere on the job.



Catalog Number	Description in. (mm)	Throat Depth oz. (g)	Net Wt.
PL1R	Punch Lock / Stud Crimper	1-1/2 (38.1)	16 (454)
CAPACITIES			
	Material	Galvanized Steel 22 Gauge	
PL1R	inches (mm)	0.034 (0.86)	

Replacement Parts	
PLD1	Replacement Punch and Die

3-Station Edge Roller

Assures a uniform bend along the entire length of material



ER3



Quickly adjusts for making 5/8 to 4 in. (15.9 - 102 mm) bends in 29-22 gauge (0.34 - 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.



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.



Also adjusts for making curved bends. The center roller station is independently adjustable, with the outer roller stations retracted and locked, to allow for bending on a slight curve.

High Leverage Drip Edge Folding Tools

For quick bends in standing seam metal roofing panels



Two models: 18 inch and improved 24 inch, match up with most flat-pan, standing seam panel widths.

A two-post-design, fiberglass reinforced nylon handle, makes bending maximum 22-ga. (0.76 mm) roofing metal easy, even when working overhead.



DEFT



DEFT1

1-1/2 in. (38.1 mm)

1 in. (25.4 mm)

Two rib-reinforced steel plates are permanently welded together to create strong folding seams for making 1 inch (25.4 mm) and 1-1/2 inch (38.1 mm) bends.



Catalog Number	Description	Bending Depth in. (mm)	Net Wt. lbs. (kg)	Catalog Number	Description	Bending Depth in. (mm)	Length in. (cm)	Weight lbs. (kg)
ER3	3-Station Edge Roller	5/8 - 4 (15.9-102)	8.5 (3.86)	DEFT	24 in. Drip Edge Folding Tool	1.5 (38.1) and 1 (25.4)	24 (61)	3.60 (1.63)
CAPACITIES	Material	Mild Steel 29-22 Gauge		DEFT1	18 in. Drip Edge Folding Tool	1.5 (38.1) and 1 (25.4)	18 (46)	3.24 (1.47)
	inches (mm)	.0135-.029 (0.34 - 0.76)						



SRC24A



SRC24A

features a single installed die assembly with 3 channel sizes for cutting 1-5/8, 2-1/2, and 3-5/8 in. (41, 64, 92 mm) studs and matching runners.



SRC24A1 EV

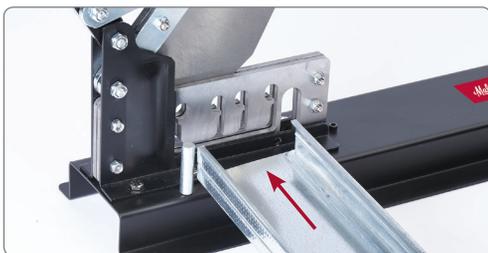
features an installed die with 3 channel sizes for cutting 50, 70, and 92 mm studs and matching runners and an *Extra Die* for cutting 45, 64, and 95 mm studs and matching runners.



SRC24A2 SV

features an installed die with 3 channel sizes for cutting 51, 76, and 92 mm studs and matching runners and an *Extra Die* for cutting 45, 64, and 95 mm studs and matching runners.

Malco Channel Shears cut through metal studs and runners faster and more economically than any other tool on the market!



Malco Channel Shears complete cuts in one easy stroke without deforming metal channel. Die assembly ensures cutting action is clean and precise. Hollow ground hardened steel blade can be resharpened or replaced. A 36 in. (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. Shear features rugged all steel and bolt construction. Handle has comfortable red vinyl grips.

Catalog Number	Description	Variable Leverage Ratio (High / Low) throughout stroke	Stud & Runner Size Installed	Stud & Runner Size Included	Height in. (cm)	Length in. (cm)	Depth in. (cm)	Net Wt. lbs. (kg)
SRC24A	Compound Leverage Channel Shear	Shear Action (Punch)	1-5/8, 2-1/2, 3-5/8 in.	—	8 (20)	36 (91)	6 (15)	23 (10.43)
SRC24A1 EV	Compound Leverage Channel Shear	Shear Action (Punch)	50, 70, 92 mm	45, 64, 95 mm	8 (20)	36 (91)	6 (15)	23 (10.43)
SRC24A2 SV	Compound Leverage Channel Shear	Shear Action (Punch)	51, 76, 92 mm	45, 64, 95 mm	8 (20)	36 (91)	6 (15)	23 (10.43)
CAPACITIES	Material	Galvanized Steel 20 Gauge	Galvanized Mild 20 Gauge					
SRC24A	inches (mm)	0.040 in. (1.02 mm)	0.036 in. (0.91 mm)					
SRC24A1 EV	inches (mm)	0.040 in. (1.02 mm)	0.036 in. (0.91 mm)					
SRC24A2 SV	inches (mm)	0.040 in. (1.02 mm)	0.036 in. (0.91 mm)					

Replacement Blade (All 3 models)

10627 Field Replaceable: One replacement blade and two spacers.



Ceiling Grid Punch

Malco's unique Ceiling Grid Punch makes a clean 1/8 in. (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 in. (25.4 and 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. Ergonomic Redline Handles with unique one-hand operation latch offer maximum compound leverage performance and natural fit and feel.



Work overhead and in tight corners!



1/8 - 3/16 in. (3.2 - 4.8 mm) Hole Punch

Does the work of more expensive bulkier punches faster and easier. 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 in. (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. Ergonomic Redline Handles with unique one-hand operation latch offer maximum compound leverage performance and natural fit and feel.



Compound handle leverage for maximum ease of operation.

Easily interchangeable 1/8 in. (3.2 mm) and 3/16 in. (4.8 mm) punches and dies supplied with tool.

Catalog Number	Description	Punch in. (mm)	Variable Leverage Ratio (High / Low) throughout stroke	Punch / Frame	Length in. (mm)	Net Wt. oz. (g)
CGPR	Ceiling Grid Punch	1/8 (3.2)	6.7 to 1.0 - 8.4 to 1.0	Tool Steel / Alloy Steel	9.5 (241)	16 (454)
HP18KR	Hole Punch	1/8 (3.2) & 3/16 (4.8)	6.7 to 1.0 - 8.4 to 1.0	Tool Steel / Alloy Steel	9 (229)	16 (454)

CAPACITIES	Material	Aluminum	Copper	Stainless Steel 26 Gauge	Galvanized Steel 24 Gauge	Mild Steel 22 Gauge
CGPR	inches (mm)	—	—	—	.028 (0.71) up to 3 layers	.030 (0.76) up to 3 layers
HP18KR	inches (mm)	—	—	—	.028 (0.71) up to 2 layers	.024 (0.61) up to 2 layers

Replacement Punches and Dies

CGP18	1/8 in. (3.2 mm) Replacement Punch Only (Die is part of frame) for CGPR
HPD18	1/8 in. Replacement Punch & Die Kit for HP18KR
HPD316	3/16 in. Replacement Punch & Die Kit for HP18KR

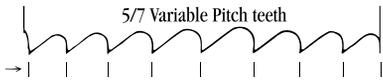
Optional Metric Punches and Dies for HP18KR

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

Wood, Plaster, Metal & General Purpose

Reciprocating Saw Blades with BiMetal by Malco®

Reciprocating Saw Blades with BiMetal 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 shatter proof 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 in. (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.

Catalog Number	Nominal L x W x Thickness in. (mm)	Teeth per inch (25.4 mm)	Tooth Set	Tooth Form	Cutting Edge	Description / Application
WOOD CUTTING 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	
 12KH8	12 x 3/4 x .049 (305 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.
 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.
 4G7	6 x 5/8 x .031 (152 x 15.9 x 0.79)	6	Alternate	Standard	Milled	STRAIGHT PROFILE 4G7 used for smooth cutting in hard and soft wood, composition board.
WOOD CUTTING HCS (High Carbon Steel)						
 4S6*	6 x 5/8 x .050 (152 x 15.9 x 1.27)	6	Alternate	Standard	Milled	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. * Also available in Bulk 25 pack as catalog No. B4S6
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	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. * Also available in Bulk 25 pack as catalog No. B4KH7
 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	Vari / Progr	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 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.



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.

Metal, Wood, Plaster & General Purpose



Catalog Number	Nominal L x W x Thickness in. (mm)	Teeth per inch (25.4 mm)	Tooth Set	Tooth Form	Cutting Edge	Description / Application
METAL CUTTING BiMetal By Malco™						
 4TF14	6 x 3/4 x .031 (152 x 19.1 x 0.79)	14	Raker	Standard	Milled	STRAIGHT PROFILE - HIGH SPEED CUTTING 4TF14 used for metals, including stainless over 1/8 in. (3.2 mm).
 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 in. (3.2 mm) metals.
 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	STRAIGHT PROFILE - VARIABLE PITCH 9MC10 used for pipe diameters to 4 in. (102 mm) O.D. <i>*Note: Do not use to cut waste slack.</i>
 6PMC	6 x 3/4 x .037 (152 x 19.1 x 0.94)	—	Wavy	Milled	Vari / Stan / Progr.	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.
METAL CUTTING High Speed Steel						
 4MC14	6 x 5/8 x .031 (152 x 15.9 x 0.79)	14	Raker	Standard	Milled	STRAIGHT PROFILE - HIGH SPEED CUTTING 4MC14 used for metals over 1/8 in. (3.2 mm) 4MC18 used for 18 gauge (1.22 mm) to 1/8 in. (3.2 mm) metals.
 4MC18	6 x 5/8 x .031 (152 x 15.9 x 0.79)	18	Raker	Standard	Milled	
METAL CUTTING HCS (High Carbon Steel)						
 8CG*	8 x 3/4 x .040 (203 x 19.1 x 1.02)	—	—	—	Carbide Grit	STRAIGHT PROFILE - CARBIDE GRIP CUTTING EDGE 8CG used for soil pipe, cast iron, ceramic tile and brick. <i>*Note: Available as singles only.</i>
GENERAL PURPOSE 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 in. (4.8 mm).
 8PAP	8 x 3/4 x .051 (203 x 19.1 x 1.30)	Progressive	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.

Snap Lock Punch

Ideal for crimping gutter end caps in place.



Not recommended for heavy sheet metal.



Slide adjustment for throat depth allows settings from 1/4 to 5/8 in. (6 to 16 mm) depth. Easy one-hand operation. Crimps gutter end caps or creates locking tabs in light sheet metals for joining metal sheets or inserting into rolled edge of utility trim. Formed metal cutting jaws and handles are made of hardened stampings. Rust resistant nickel plate and black oxide finishes ensure long service life.

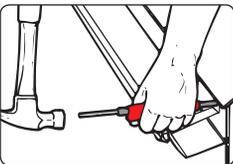
5 Blade Crimper

Produce a double crimp without deforming down-spout; walls stay square for a tight fitting, leakproof connection.

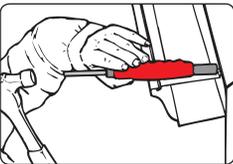


Produce a crimp that downsizes corners of aluminum or steel downspout to create a male connection for joining downspout sections. The five blades of this versatile job-site hand tool produce a 1-1/4 inch (31.75 mm) long double crimp without deforming the downspout wall. This factory-like crimp ensures the downspout wall stays square for a tight fitting, leak-proof connection. A handle closing stop maintains a consistent crimp profile. Hardened all-steel construction and a nickel chrome finish ensure long service life.

Gutter Nail Driver



Working from Above



Working from Below



Works anywhere to attach gutter to fascia with ease.

Use 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. Durable two piece steel construction plus weather resistant zinc and nickel plating assure long service life of this professional quality tool.

Single Crimper

Light duty tool without grips. Makes a single crimp for downsizing aluminum downspouts.



Catalog Number	Description	Throat Depth in. (mm)	Variable Leverage Ratio (High / Low) throughout stroke	Jaws	Length in. (mm)	Net Wt. oz. (g)
GND	Gutter Nail Driver	—	—	—	7-5/8 (194)	7 (199)
SL2R	Snap Lock Punch	1/4 to 5/8 (6.4 to 15.9)	—	—	8 (203)	16 (454)
C4R	5 Blade Crimper	1-1/4 (31.8)	7.1 to 1.0 - 9.8 to 1.0	Carbon Steel	9 (229)	16 (454)
SC2	Single Crimper	1-1/8 (28.6)	—	—	8 (203)	8 (227)

CAPACITIES	Material	Aluminum	Copper	Stainless Steel 26 Gauge	Galvanized Steel 24 Gauge	Mild Steel 24 Gauge
C4R	inches (mm)	0.035 (0.89)	0.023 (0.58)	0.018 (0.46)	0.028 (0.71)	0.024 (0.61)

Replacement Spring for Hand Tools

5018 Fits C4R, SL2R

Extra-Long 6 in. Magnetic Screw Guide



GSG6 6 in. (152 mm)

- Impact grade 6-inch long power drive with 4-1/2 inch anodized aluminum sleeve provides extra reach without marring gutter.
- Holds and guides 1/4-inch hex head screws up to 3-3/4 inches long.
- Easily works overhead.



Hardened steel 1/4 inch power groove hex shank works with drill or impact driver.

Aluminum sleeve guide ensures support for fast, accurate screw starts and stabilizes long screws during installation even at angles.

Magnetic!

Spring loaded magnet keeps hex head screw engaged and withstands repetitive shock from impact driver!

Catalog Number	Description	Driver Length in. (mm)	Hex Shank In.	Magnetic Hex Opening In.	Length Of Sleeve Guide in. (mm)	Weight oz. (g)
GSG6	Gutter Screw Guide	6 (152)	1/4	1/4	4-1/2 (114)	3.60 (102)



GOSA1EV
Combination arbor and high speed pilot drill, with compression spring collar.



GOS1EV
60 mm (2.375 in.)

GOS2EV
70 mm (2.75 in.)

GOS3EV
78 mm (3 in.)

GOS4EV
90 mm (3.5 in.)

GOS5EV
100 mm (4 in.)



Gutter outlet saws with arbor and high speed pilot drill, for downspout that always fits flush to gutter. Choose from five different sizes of Malco fine toothed hole saws for safe, fast, clean cuts in thin walled and half round gutter. Combine these gutter saws with the combination arbor and high speed pilot drill for increased speed and production on the job-site!



10 High Speed Steel Teeth every 1 in. (25.4 mm)



Clean cuts with compression spring ejection!

For use with a 1/2 in (13 mm) cordless or corded electric drill and Malco combination arbor and high speed pilot drill. High speed steel teeth set at 10 per-inch (25.4 mm) and a shallow 1 inch (25.4 mm) cutting depth ensure controlled cuts that will not grab or twist material even when cutting half round gutter (below).



Specifically designed for use with Malco Gutter Outlet Saws, the universal threaded arbor quickly installs on any size. The pilot drill bit projects only 7/16 in (11 mm) out of the shallow gutter saw cup to ensure controlled, safe engagement of saw teeth.

Quick-Action™ Gutter Outlet Saws

Catalog Number	Hole Diameter mm (in.)	Cutting Depth mm (in.)
GOS1EV	60 (2.375)	25.4 (1)
GOS2EV	70 (2.75)	25.4 (1)
GOS3EV	78 (3)	25.4 (1)
GOS4EV	90 (3.5)	25.4 (1)
GOS5EV	100 (4)	25.4 (1)

Combination Arbor & High Speed Pilot Drill

Catalog Number	Pilot Drill Bit	Arbor Shank mm (in.)	Drill Requirements
GOSA1EV	5.9 mm High Speed Steel	10 (13/32)	1/2 in (13 mm) Chuck

Capacities



Aluminum - 0.43 -0.81 mm (.017 - .032 in)



Zinc Coated Aluminum - 0.46 mm (.018 in)
Galvanized Aluminum - 0.58 mm (.023 in)
Painted Steel - 0.53 mm (.021 in)
Copper - 22 oz.

For cutting downspout drop holes in K-style aluminum gutter, nothing else matches the speed and accuracy of the Malco Gutter Outlet Punch System.

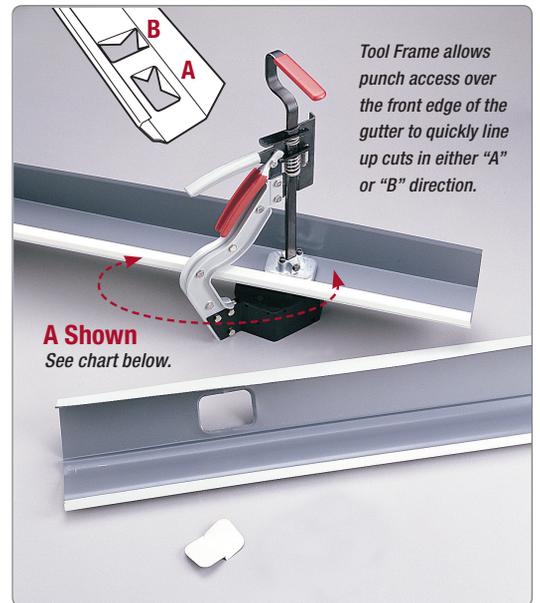
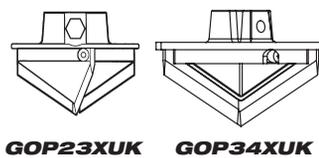
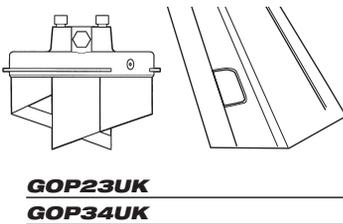
A versatile, lightweight Malco Tool Frame accepts your choice of separate Malco rectangular and X-style punch and die combinations, including a 3 x 4 in. (76 x 102 mm) X-style punch and die.

Use the lightweight aluminum and steel tool frame and a punch and die of choice, to cut a clean drop hole anywhere along the length of standard 5 or 6 inch K-style aluminum gutter up to .032 in (0.81 mm) thickness. The tool frame's easy ratcheting mechanism and the angled blades of the punch combine to provide smooth cutting action. Heat treated components and weather resistant finishes on both the tool frame and all punch and die assemblies ensure long service life.

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



- Ejector built into Tool Frame safely removes metal slug from rectangular cuts.
- Punch blades are easily replaceable.
- Extra holes in base of Tool Frame allow for secure bench-mount operation.



Catalog Number	Description	Frame Dimensions in. (cm.)	Net Wt. lbs. (kg)
GOT	Tool Frame	19 x 10 (48 x 25)	6.70 (3.04)

PUNCH AND DIE ASSEMBLIES

GOP23UK	2 x 3 in. (51 x 76 mm) Standard Rectangular Hole Punch and Die Assy - Upgrade Kit	—	2.20 (1.00)
GOP34UK	3 x 4 in. (76 x 102 mm) Standard Rectangular Hole Punch and Die Assy - Upgrade Kit	—	2.50 (1.13)
GOP23XUK	2 x 3 in. (51 x 76 mm) X-Style Punch and Die Assy - Upgrade Kit	—	1.90 (0.86)
GOP34XUK	3 x 4 in. (76 x 102 mm) X-Style Punch and Die Assy - Upgrade Kit	—	2.50 (1.13)

REPLACEMENT BLADES AND CHOCKS

GOTRC	Replacement Chocks for (GOT)	—	—
GOPRB	Replacement Blade for (GOP23UK)	—	1.30 (0.60)
GOP23XRB	Replacement Blade for (GOP23XUK)	—	—
GOP34XRB	Replacement Blade for (GOP34XUK)	—	2.34 (1.06)

Gutter Size Reference:

Following Gutter Sizes Do Not Fit "B" Direction:

4K Gutter - 2 x 3, 2 x 3 X-Style, 3 x 4, 3 x 4 X-Style

5K Gutter - 3 x 4, 3 x 4 X-Style

6K Gutter - 3 x 4, 3 x 4 X-Style

Blind Rivets

Steel, Aluminum, Stainless, Copper, Painted & Washers

Malco Blind Rivets provide a strong, secure connection between two or more sheets of material, that will not loosen with vibration. Blind rivet fasteners can be used where access is limited to only one side of the material to be fastened. Rivets require only a pre-drilled or pre-punched hole. The blind rivet is an assembly, consisting of a mandrel and an eyelet body. Mandrels are used only to set the rivet body and are then discarded. Mandrel is designed to break off at the crimp after pulling (setting) the rivet body. No operator skill is required to set blind rivets. Low rivet profile offers cosmetic advantages over screws.



Note: Package sizes available in Bults, Tubs (T), Boxes (X), and Bags (G).

Painted Rivets



AA42DCC	=	○	Classic Cream
AA42DMB	=	●	Musket Bronze
AA42DRB	=	●	Royal Brown
AA42DW	=	○	White
AA44DMB	=	●	Musket Bronze
AA44DRB	=	●	Royal Brown
AA44DW	=	○	White

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

Shear and Tensile Strengths



Rivet / Mandrel	Rivet Dia.	Minimum Shear	Tensile lbs.
Steel Rivet	1/8 in.	260	310
Steel Mandrel	3/16 in.	540	680
Aluminum Rivet	1/8 in.	120	150
Aluminum Mandrel	3/16 in.	260	320
Stainless Rivet	1/8 in.	420	530
Stainless Mandrel	3/16 in.	950	1200

Copper Rivet Steel Mandrel 1/8 in.
IFI 114 2003 (R2008) Grade 20

* DW= White Painted Rivets (indicated by the ○). See above for more painted rivets.

Rivet Diameter	Description	Hole Size / Drill #	Rivet Diameter	Rivet Body Length	Rivet Body Diameter	Rivet Head Width	Rivet Head Thickness	Grip
SS42D	Steel Rivet Plated Steel Mandrel	.125 - .135 / #30	1/8 in.	.232	.125	.25	.032	.063-.125
SS43D	Steel Rivet Plated Steel Mandrel	.125 - .135 / #30	1/8 in.	.294	.125	.25	.032	.126-.187
SS44D	Steel Rivet Plated Steel Mandrel	.125 - .135 / #30	1/8 in.	.357	.125	.25	.032	.188-.250
SS46D	Steel Rivet Plated Steel Mandrel	.125 - .135 / #30	1/8 in.	.481	.125	.25	.032	.313-.375
AA42D	Aluminum Rivet Aluminum Mandrel	.125 - .135 / #30	1/8 in.	.232	.125	.25	.032	.063-.125
AA44D	Aluminum Rivet Aluminum Mandrel	.125 - .135 / #30	1/8 in.	.357	.125	.25	.032	.188-.25
AA42DW *	Aluminum Rivet Aluminum Mandrel (White)	.232 / Drill #30	1/8 in.	.125	.25	.032	.063-.125	—
AA44DW *	Aluminum Rivet Aluminum Mandrel (White)	.125 - .135 / #30	1/8 in.	.125	.25	.032	.188-.250	—
SS/SS42D	Stainless Rivet Stainless Mandrel	.125 - .135 / #30	1/8 in.	.232	.125	.25	.032	.063-.125
SS/SS44D	Stainless Rivet Stainless Mandrel	.125 - .135 / #30	1/8 in.	.357	.125	.25	.032	.188-.25
SS/SS46D	Stainless Rivet Stainless Mandrel	.125 - .135 / #30	1/8 in.	.481	.125	.25	.032	.313-.375
SS/SS48D	Stainless Rivet Stainless Mandrel	.125 - .135 / #30	1/8 in.	.606	.125	.25	.032	.376-.500
CS42D	Copper Rivet Plated Steel Mandrel	.125 - .135 / #30	1/8 in.	.232	.125	.25	.032	.063-.125
CS44D	Copper Rivet Plated Steel Mandrel	.125 - .135 / #30	1/8 in.	.357	.125	.25	.032	.188-.25

2-in-1 Hand Riveter

2IN1

One hand operation with normal squeezing action provides enough pulling power to set all popular size 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 is ideal for reaching into corners and recessed areas. Three nosepieces 1/8, 5/32, and 3/16 in., included with tool, 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.



(1) long stroke (2) short power stroke. Pulls 1/8 to 3/16 in. blind rivets with steel mandrels. Pulls 1/8 to 5/32 in. blind rivets with stainless steel mandrels. • To assure long service life, regularly lubricate riveter with a drop of light oil on points of movement.



Economy Hand Riveter

CR18

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 and 3/16 in. store in handle. Ideally suited for blind riveting applications in aluminum windows, gutter and downspout. Not for use with steel rivets larger than 3.2 mm. 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.



Metal Cutting Saw Blade

Cool Clean Cuts in metal roofing & metal building panels



Standing Seam Metal Roofing



MCCB7



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.

Catalog Number	Description	Capacities in. (mm)	Length in. (mm)	Net Wt. oz. (g)
2IN1	2-in-1 Hand Riveter	1/8 thru- 3/16 (3.18 - 4.8) steel mandrel / 1/8 thru- 5/32 (3.18 - 4.0) stainless steel mandrel	8 (203)	20 (567)
CR18	Economy Hand Riveter	3/32 thru 1/8 (2.4 - 3.2) steel rivets	8 (203)	22 (624)

Replacement Accessories and Parts for 2-in-1 Hand Riveter

ER41	Jaws
ER44	3/16 in. nosepiece
ER45	1/8 in. nosepiece
ER46	5/32 in. nosepiece
HR37	Adjustment Rod assembly

Catalog Number	Description	Diameter in. (mm)	RPM	Teeth	Capacity in Mild Steel gauge (mm)	Arbor in. (mm)
MCCB7	Metal Cutting Saw Blade	7-1/4 (184)	5800	56	16 (1.52)	5/8 (16)



FJ60S
60 Piece
Jobber Drill Set
Wire Gauge Set



FJ6180

20 Piece
Orifice Drill Set
Includes: PV1 Pin Vice



PV1

Use in hand or insert in drill chuck.
Pin Vise holds wire gauge drill sizes 61 to 80.



There's an easier way to remove stubborn screws.

SEK1
10 Piece Screw
Extractor Kit



- Kit contains 10 pieces total, including: 5 straight-fluted, extra-bite, hardened alloy steel extractors (sizes #1-5) and 5 matched left-handed cobalt drill bits: 5/64, 7/64, 5/32, 1/4, and 19/64 inch.
- Use for screw and bolt diameters of 1/4 inch (M3) to 5/8 inch (M15).

Individual replacement parts sold separately:

- SE1: #1 Extr. & 5/64-inch Cobalt Drill Bit
- SE2: #2 Extr. & 7/64-inch Cobalt Drill Bit
- SE3: #3 Extr. & 5/32-inch Cobalt Drill Bit
- SE4: #4 Extr. & 1/4-inch Cobalt Drill Bit
- SE5: #5 Extr. & 19/64-inch Cobalt Drill Bit



Sheet Metal Drills

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



Double Ender Sheet Metal Drills

Two points for twice the life, twice the convenience! Available in bulk packs!

Catalog Number	Description	Set Contents	Capacity	Length in.
SEK1	10 Piece Screw Extractor Kit	5 straight fluted, hardened alloy steel extractors (sizes #1-5) & 5 matched left-handed cobalt drill bits. (sizes above)	—	—
FJ60S	60 Piece Jobber Wire Gauge Set	Wire gauge sizes in metal DRILDEX container. Sizes: 1 to 60.	—	—
FJ6180	20 Piece Orifice Drill Set	Wire gauges sizes for drilling or cleaning oil and gas orifices. Metal DRILDEX container. Sizes: 61 to 80. Includes pin vise.	—	—
PV1	Pin Vise	—	Ga. sizes 61-80	2.25

Sheet Metal Drills (Fractional Sizes)	Decimal Equivalent	Length in.	Length of twist	Package Size
PFS1/8 Sheet Metal Drill Bit (Polished)	.1250	1-7/8	1/2	12
PFS30 Sheet Metal Drill Bit (Polished)	.1285	1-15/16	1/2	12
PFS1/4 Sheet Metal Drill Bit (Polished)	.2500	2-1/2	1/2	12

Double Ender Sheet Metal Drills	Decimal Equivalent	Length in.	Length of twist	Package Size
DE1/8 Double Ender Sheet Metal Drill Bit (Polished)	.1250	2	1/2	12
DE1/8B Bulk Pack Double Ender Sheet Metal Drill Bits (Polished)	.1250	2	1/2	144
DE30 Double Ender Sheet Metal Drill Bit (Polished)	.1285	2	1/2	12
DE30B Bulk Pack Double Ender Sheet Metal Drill Bits (Polished)	.1285	2	1/2	144
DE9/64 Double Ender Sheet Metal Drill Bit (Polished)	.1406	1-15/16	1/2	12
DE3/16 Double Ender Sheet Metal Drill Bit (Polished)	.1875	2-3/16	1/2	12
DE1/4 Double Ender Sheet Metal Drill Bit (Polished)	.2500	2-1/2	1/2	12
NDE1/8 Double Ender Sheet Metal Drill Bit (Black Nitrided)	.1250	2	1/2	12
NDE30 Double Ender Sheet Metal Drill Bit (Black Nitrided)	.1285	2	1/2	12



Flaring Tool



FT195

Bar Clamp Type Flaring Tool

Flares seven 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 II, Class II, Style A.*



Die Block Type



FT500

For soft copper, aluminum & 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.

De-burring Tool



R308

Pocket size, swivel reamer

Pocket size reamer deburrs nominal 1/4 in. (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 in. (152 mm) overall length.



Swaging Punches



ST94

ST96

Combination swaging punches

Model No. ST94 features three sizes in one tool. (Knurled stock for easy removal of punch.) Model No. ST96 features six sizes in one tool.



Fitting Brushes



For use with copper tubing

Carbon steel crimped fill handle and stem. Available in three different sizes.

Catalog Number	Description	Tubing Outside Diameter in. (mm)	Nominal Sizes in.	Diameter in. (mm)	Length in. (mm)	Net Wt. oz. (g)
FT195	Bar Clamp Type Flaring Tool	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	—	—	—
FT500	Die Block Type	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	—	—	—
R308	Pocket Size, swivel reamer	—	—	—	—	—
ST94	Combination Swaging Punch	1/2, 5/8, 7/8 (12.7, 15.9, 22.2)	3/8, 1/2, 3/4	—	—	—
ST96	6 in 1 Swaging Punch	3/16, 1/4, 5/16, 3/8, 1/2, & 5/8 (4.8, 6.4, 7.9, 9.5, 12.7, 15.9)	—	—	—	—
FB1/2	Copper Tube Fitting Brush	—	—	1/2 (12.7)	5/8 (15.9)	1 (28)
FB3/4	Copper Tube Fitting Brush	—	—	3/4 (19.1)	7/8 (22.2)	1 (28)
FB1	Copper Tube Fitting Brush	—	—	1 (25.4)	1-1/8 (28.6)	1 (28)

Fiberglass Duct Tools

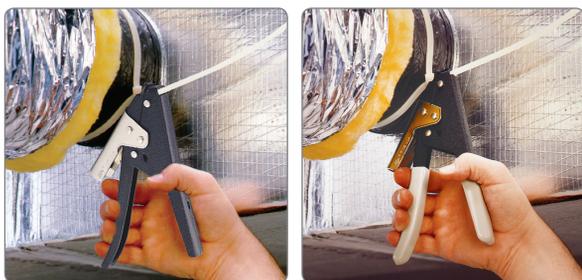
- ***Original Tie Tensioning Tools***
- ***FasGroov Kits***
- ***Hole Cutter***
- ***Squares and Knives***



***Master the Art of
Fiberglass Duct
Fabrication***

Non-Slip Manual Tie Tensioning Tools

These rugged lever action cut-off tensioning tie tools feature a unique notched gripper.

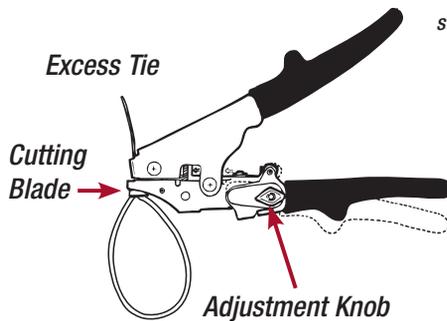


A clean black baked on enamel wrinkle finish will also weather the elements and stand up to abuse on-the-job. Comfortable handles reduce the pinch point area, and gray vinyl cushion grips are available on the model TY4G. Works on all ties including thin designs.

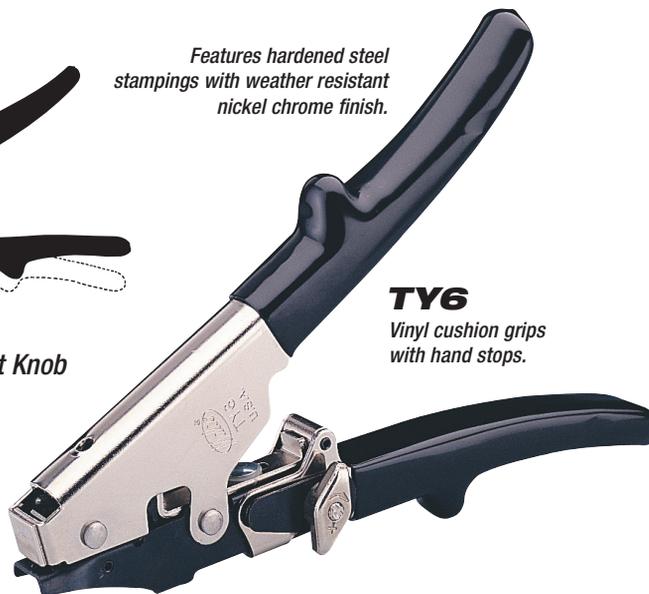
Use Malco adjustable nylon ties to install flexible duct to take-offs, or secure bundles, up to 15 in. (3.81 cm) diameter. Made of 100% nylon, Malco ties offer a minimal tensile strength of 175 pounds.



Adjustable Tie Tensioning Tool



Features hardened steel stampings with weather resistant nickel chrome finish.



TY6
Vinyl cushion grips with hand stops.



The TY6 Tensioning Tool is designed for a heavy user of nylon ties. Nylon tie installation is fast and easy with the TY6. Works on all ties including thin designs. 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 ensure many years of dependable service.



Tensioning adjustment knob and automatic cut-off mechanism turn adjustment knob clockwise to increase tension and counter clockwise to decrease tension.

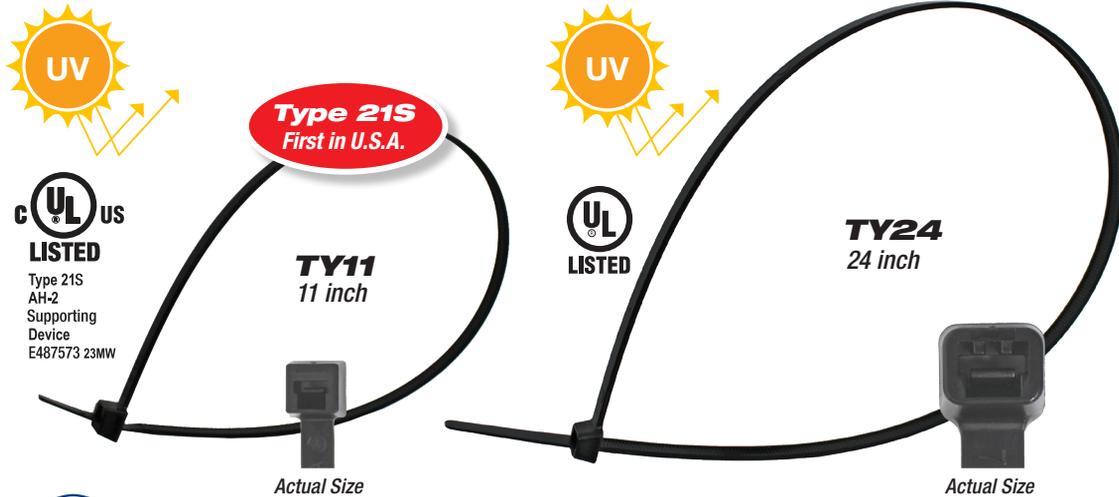
CAUTION: Do not over tighten adjustment knob with fingers. Adjust knob only with fingers to avoid breaking ties before cut-off occurs.

All Malco Tie Tools are designed to work on standard 175 lb. (778 N) ties as well as thinner 125 lb. (556 N) ties.

Catalog Number	Description	Length in. (mm)	Net Wt. Oz. (g)
TY6	High Leverage Tie Tool	8-1/2 (216)	15 (425)
TY4	Manual Cut-Off Tie Tool	6 (152)	10 (284)
TY4G	Manual Cut-Off Tie Tool /Gripped	6 (152)	11 (312)

UL Listed and Made in the U.S.A. Extra Heavy-Duty and UV Resistant Nylon Ties. Malco is one of the first to offer TYPE 21S Tie!

Made of 100% Nylon, these one-piece, self-locking ties are easy to install. Just wrap tie around material, slip tail through head, tighten and set with a Malco Tie Tensioning Tool.

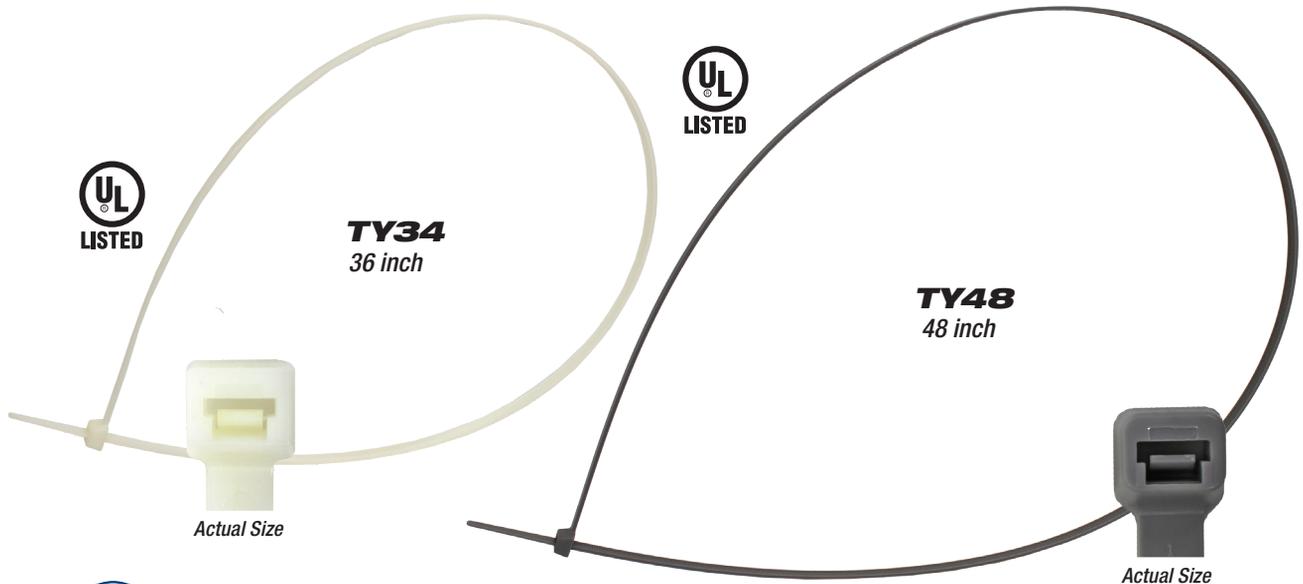


UV RESISTANT

11 & 24 inch

(UL Type 21S - 11 inch, TY11 for HVAC Mini-Splits) and TY24 24 inch ties for securing / bundling automotive, marine, industrial cable, hose, and wire.

Catalog Number	TY11	TY24
Overall Length	11 in. (279 mm)	24 in. (610 mm)
Width	3/16 in. (4.57 mm)	3/8 in. (9.5 mm)
Thickness	3/64 in. (1.32 mm)	3/32 in. (2.29 mm)
Min. Tensile Strength	50 lbs.	175 lbs.
Max. Adjustable Dia.	3-1/16 in. (78 mm)	7-3/16 in. (179 mm)
Color	Black	Black
For Malco Tie Tools	TY4, TY4G	TY4, TY4G, TY6



JUMBO

36 & 48 inch Heavy Duty

36 and 48 inch Extra Heavy-Duty Ties are rated for indoor use including securing HVAC take-offs, and securing / bundling heavy cables and hoses.

Catalog Number	TY34	TY48
Overall Length	36 in. (914 mm)	48 in. (1219 mm)
Width	3/8 in. (9.5 mm)	3/8 in. (9.5 mm)
Thickness	3/32 in. (2.29 mm)	3/32 in. (2.29 mm)
Min. Tensile Strength	175 lbs.	175 lbs.
Max. Adjustable Dia.	11 in. (279 mm)	14-1/2 in. (368 mm)
Color	Natural	Gray
For Malco Tie Tools	TY4, TY4G, TY6	TY4, TY4G, TY6



FasGroov

Duct Board Fabrication

Complete Solutions for Fiberglass Duct

Lay out ductboard as you cut with a FasGroov® Kit. Available in kits and single tools for professional fabrication of all brands of 1 in. (25.4 mm) or 1-1/2 in. (38.1 mm) duct board.



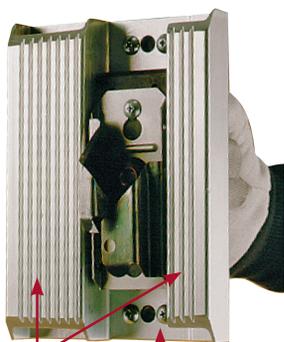
FasGroov Knives

Safer to use with comfortable molded handles. Male and Female Shiplap Knives for 1 in. (25.4 mm) and 1-1/2 in. (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 FG1 Hole Cutter and a special 1-1/2 in. (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 in. (25.4 mm) and 1-1/2 in. (38.1 mm) ductboard.



Grooved sled bottom for easy sliding
Easy blade removal

FasGroov Square

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

- Adjustable "finger" clip allows user to finish cut accurately while arm is fully extended.
- Five position angle arm handle accommodates user's reach and holds square in alignment.
- Adjustment slot for additional angles
- Adjustment pivot knob



FGS
90° pre-determined setting illustrated here.



Ergonomic molded handles reduce fatigue

Easy turn-the-knob blade height adjustment

Catalog Number	Description	Arm Length in. (m)
—	FasGroov Square	—
FGS	Square	48.82 (1.24)
—	Shiplap Knives for 1 in. (25.4 mm) Board	—
FGF	Female Shiplap Knife (Green)	—
FGM	Male Shiplap Knife (Blue)	—
—	Shiplap Knives for 1-1/2 in. (38.1 mm) Board	—
FGFL	Female Shiplap Knife (Red)	—
FGML	Male Shiplap Knife (Yellow)	—
—	Ductboard Knife	—
FGK	Duct Knife (Black)	—



FasGroov®

Duct Board Fabrication Complete Kits

SILVER FasGroov® Kits for 1 in. (25.4 mm) Duct Board



FGSLK
Shiplap Kit
Silver Hand Tools
with Square and
Knives.



FGVK
Vee Kit
Silver Hand Tools
with Square and
Knives.

Includes: FGV1, FGV24, FGV3, FGV5, FGS Square plus FGK, FGM, and FGF Knives and #6 Tool FGV6 in Tool Case. Order FGSLKW for Shiplap Kit without Square.

Includes: FGV1, FGV, FGV5, FGS Square plus FGK, FGM, and FGF Knives and #6 Tool FGV6 in Tool Case.

GOLD FasGroov® Kits for 1-1/2 in. (38.1 mm) Ductboard



FGSLKL
Shiplap Kit
Gold Hand Tools
with Square and
Knives.



FGVKL
Vee Kit
Gold Hand Tools
with Square and
Knives.

Includes: FGL1, FGL24, FGL3, FGL5, FGS Square plus FGK, FGML, and FGFL Knives in Tool Case. Order FGSLKLW for Shiplap Kit without Square.

Includes: FGL1, FGLV, FGL5, FGS Square plus FGK, FGML, and FGFL Knives in Tool Case.

Duct Board Fabrication Specifications



FasGroov®



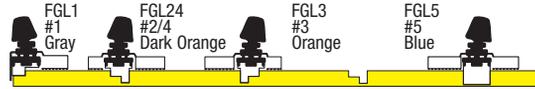
Silver Tools
FGSLK
Shiplap Kit for
1 in. (25.4 mm)
Duct Board



Gold Tools
FGSLKL
Shiplap Kit for
1-1/2 in. (38.1 mm)
Duct Board



Includes: FGS Square and tools listed above plus FGK, FGM, and FGF Knives and #6 Tool FGV6 in Tool Case. Order FGSLKW without square.



Includes: FGS Square and tools listed above plus FGK, FGM, and FGF Knives in Tool Case. Order FGSLKLW for Shiplap Kit without square.



Silver Tools
FGVK
Vee Kit for
1 in. (25.4 mm)
Duct Board



Gold Tools
FGVKL
Vee Kit for
1-1/2 in. (38.1 mm)
Duct Board



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



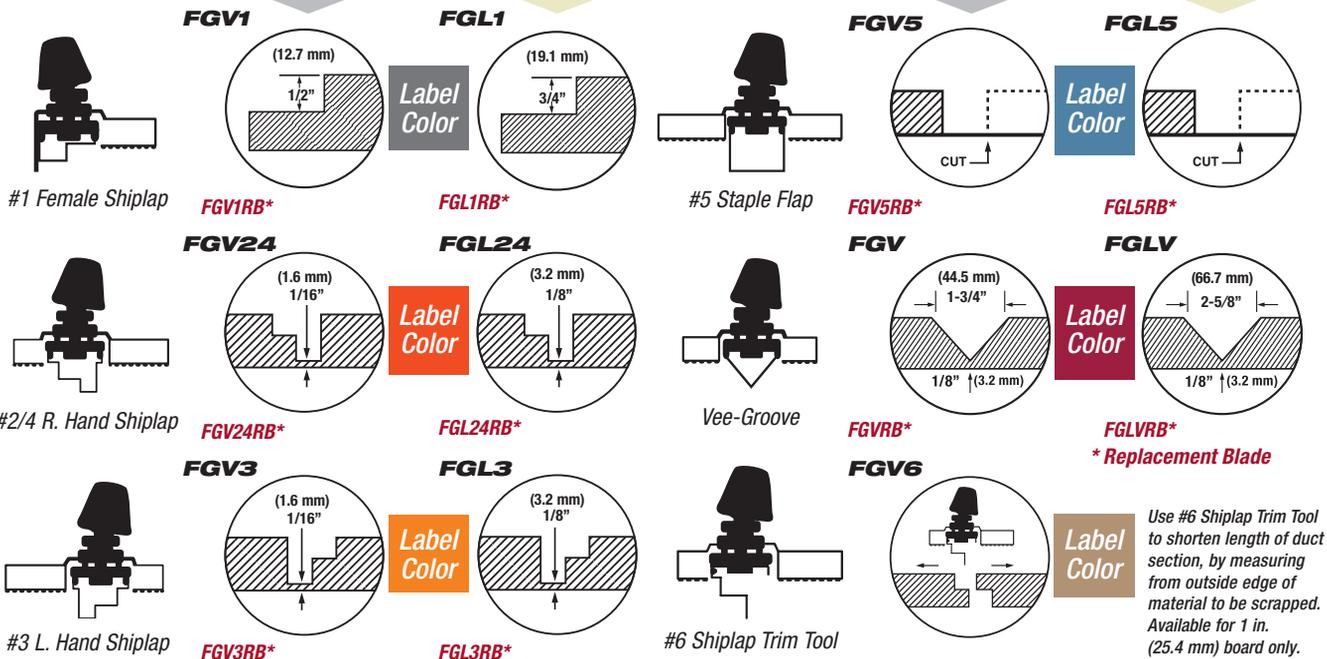
Includes: FGS Square and tools listed above plus FGK, FGM, and FGF Knives in Tool Case. Order FGVKLW for Vee Kit without square.

1 in. (25.4 mm)
Silver Tools

1-1/2 in. (38.1 mm)
Gold Tools

1 in. (25.4 mm)
Silver Tools

1-1/2 in. (38.1 mm)
Gold Tools



Use #6 Shiplap Trim Tool to shorten length of duct section, by measuring from outside edge of material to be scrapped. Available for 1 in. (25.4 mm) board only.

Catalog Number	Description	Replacement Blade Number
FGV6	#6 Shiplap Trim Tool	FGV6RB



Flex Duct Support



Flexible duct is often susceptible to kinks and sags that restrict air flow. The FDS1 Flexible Duct Support eliminates air flow restrictions and increases efficiency to dramatically reduce utility bills and improve heated or air-conditioned room comfort. A properly supported 90° duct elbow typically improves air flow efficiency 10 to 40%. A Malco Duct Support quickly installs on new or existing flexible duct. The versatile FDS1 design uses either 36 or 48 inch nylon cable / zip ties to accommodate 4 inch to 16 inch diameters of flexible fiberglass wool duct as well as un-insulated

flexible duct. The strong, but lightweight, 100% recycled polymer support will not weigh down ducting. UL Classified 2043 and GreenSpec Listed.



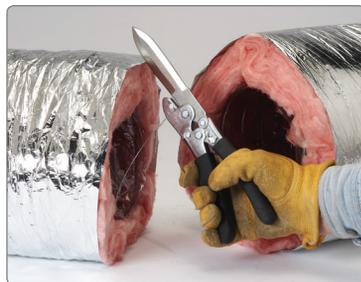
Catalog Number	Description	(Tie Requirements per Duct Diameter)		in. (cm)	Nominal Dimensions oz. (g)	Net Wt.
		Duct Diameter	Number of Ties			
FDS1	Flexible Duct Support	4-10 in. (10.2-25.4 cm)	2	36 in. (91.4 cm)	15 x 11-1/4 x 3 (38.1 x 28.6 x 7.6)	3 (85)
		12-14 in. (30.5-35.6 cm)	2	48 in. (121.9 cm)		
		16 in. (40.6 cm)	4	36 in. (91.4 cm)		



Flex Duct Cutter



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.



FDSH Universal Flex Duct Knife Sheath

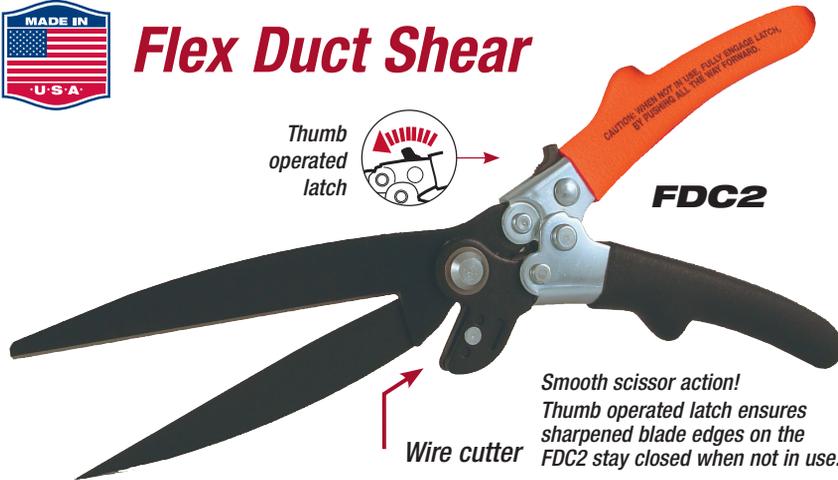
- 2-3/4 in. (70 mm) wide belt loop
- Velcro safety strap
- Easily fits DK6S Malco duct knife and duct tools FDC1, FDC2 and FDC3

High density polyethylene insert prevents knife tip from puncturing through nylon.

Catalog Number	Description	Blades / Wire Cutter	Variable Leverage Ratio (High / Low) throughout stroke	Length of Cut in. (mm)	Length in. (mm)	Net Wt. oz. (g)
FDC1	Flex Duct Cutter	High Carbon Steel	10.4 to 1.0 - 11.9 to 1.0 (Wire Cutter)	4 (102)	11-7/8 (302)	11 (312)
Catalog Number	Description	Length in. (mm)	Net Wt. oz. (g)			
FDSH	Universal Flex Duct Knife Sheath	11.5 (292)	2 (57)			



Flex Duct Shear

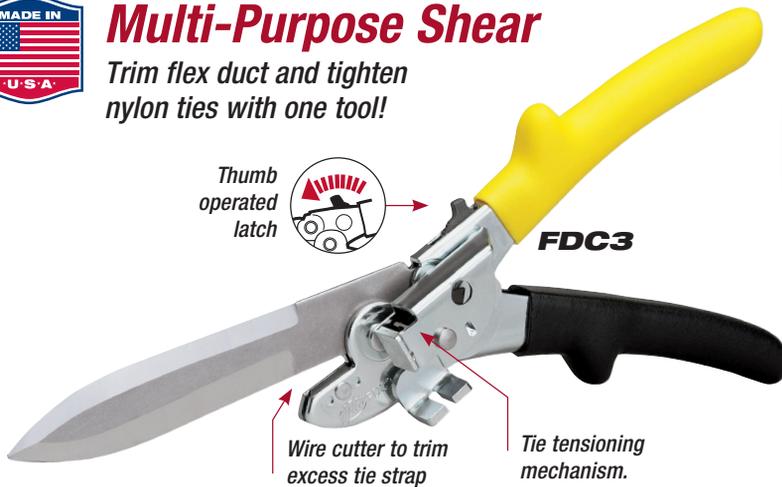


Cuts insulated flexible round duct and also cuts the duct liner's wire rib coil. Pointed bottom blade easily pierces duct to start cut. Heavy duty wire cutter is located away from scissor blades. Thumb operated latch ensures that sharpened blade edges stay closed when not in use.



Multi-Purpose Shear

Trim flex duct and tighten nylon ties with one tool!



FDSH Universal Flex Duct Knife Sheath

- 2-3/4 in. (70 mm) wide belt loop
- Velcro safety strap
- Easily fits DK6S Malco duct knife and duct tools FDC1, FDC2 and FDC3

High density polyethylene insert prevents knife tip from puncturing through nylon.

The versatile FDC3 Flex Duct Tool is actually three tools in one! The double-edged knife blade pierces through the 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.

Catalog Number	Description	Blades / Wire Cutter	Variable Leverage Ratio (High / Low) throughout stroke	Length of Cut in. (mm)	Length in. (mm)	Net Wt. oz. (g)
FDC2 (369)	Flex Duct Shear	—	10.4 to 1.0 - 11.9 to 1.0 (Wire Cutter)	4-3/8 (111)	12-1/4 (311)	13
FDC3	Multi-Purpose Flex Duct Shear	High Carbon Steel	10.4 to 1.0 - 11.9 to 1.0 (Wire Cutter)	4 (102)	11-7/8 (302)	14 (397)
Catalog Number	Description	Length in. (mm)	Net Wt. oz. (g)			
FDSH	Universal Flex Duct Knife Sheath	11.5 (292)	2 (57)			

Duct Knife for Fiberglass Duct Board

Serrated edge aids cutting
"flex" fiberglass wool duct.

Ergonomic
cushioned
handle offers
comfortable,
sure grip.



DK6S

Puncture resistant nylon
sheath included with DK6S
cushion gripped knife.

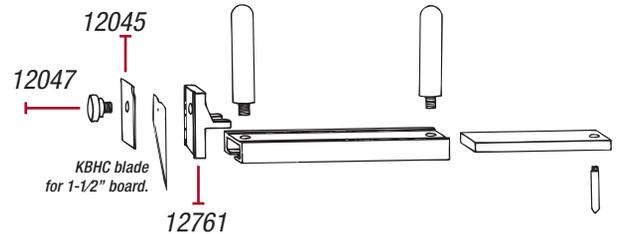


FG1



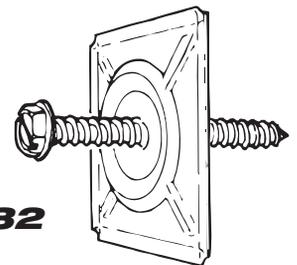
Hole Cutter for Fiberglass Duct Board

Makes precise holes in duct board for flex duct take-offs. Supplied with standard double point utility knife blade for cutting 1 inch (25.4 mm) board. Use KBHC blade for 1-1/2 in. (38.1 mm) duct board. Cuts 4 to 20 in. (102 to 508 mm) diameter holes in fiberglass duct board. 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.



Washers

Fiberglass duct board washers help to reinforce sheet metal components to fiberglass duct. Use with #8 screw for fastening components.



RW732

Catalog Number	Description	Blade Length in. (mm)	Hole Diameter in. (mm)	Net Wt. oz. (g)
FG1	Fiberglass Duct Hole Cutter	—	4 to 20 (102 to 508)	7.5 (213)
KBHC	1-1/2 in. (38 mm) Duct board Blade for FG1 (Also works on 1 in. (25 mm) duct board.)	—	—	—
12045	FG1 Replacement Part (Blade Clamp)	—	—	—
12047	FG1 Replacement Part (Blade Knob)	—	—	—
12761	FG1 Replacement Part (Blade Holder)	—	—	—
RW732	2-1/2 x 2-1/2 x .030 in. (64 x 64 x 0.76 mm) galv. reinforced volcano washer with 7/32 in. (5.56 mm) dia. hole.	—	—	—
FLW	2-1/2 x 2-1/2 x .030 in. (64 x 64 x 0.76 mm) galv. reinforced volcano washer with 1/8 in. (3.18 mm) dia. hole.	—	—	—
DK6S	Cushioned Gripped Serrated Duct Knife	6 (152)	—	7 (199)

Vinyl Siding Tools

- ***Andy Snip® Multi-Purpose***
- ***Ultra Lightweight Snip***
- ***Sideswiper II®***
- ***The Sider®***
- ***Hand Punches***
- ***Notchers***
- ***Vinyl Siding Saw Blades***



***Complete Solutions
for Installation and
Removal of Vinyl Siding***



A lightweight 12 in. (31 cm) aluminum handled combination snip features a 3 in. (76 mm) cutting depth. Inset steel blades possess a knife-like edge that produces a smooth slicing action for cutting thick or layered vinyl and a variety of other flexible non-ferrous materials.



MV12



Ultra sharp high carbon steel blades cut like a knife and are easily replaceable on the job!



Heavy Vinyl Siding



Aluminum Trim Coil



Landscape Edging



Vinyl Flooring



Carpet



Leather

Catalog Number	Description	Length of Cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)	Net Wt. lbs. (kg)
MV12	Non-Ferrous Andy Snip	3 (76.2)	12 (31)	20 (567)	—
Replacement Blades for MV12					
MV12RB	Carbon Steel Replacement Blades				



Heavyweight Attitude at less than 10 ounces!

The vinyl-cutting blade features an extremely sharp knife-like bevel for easy starting and cutting in the thickest, hardest vinyl and other non-ferrous materials or fabrics, including trim coil.

- Strong, lightweight 10 in. (254 mm) polymer frame
- Easy-to-grasp, protective handle loops
- Big 3 in. (76 mm) long controlled cut
- Designed for all weather conditions
- Replacement blades are easily installed.



Worry-Free Blade Changes! Malco Ultra Lightweight Snips utilize a fully threaded brass insert thermally anchored in the blade area of the polymer frame for holding power and no loss of thread integrity.

Catalog Number	Description	Length of Cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)	Replacement Blades
ULV10	Vinyl Cutting, Combination Snip	3 (76)	10 (254)	9.5 (254)	ULV10RB



SideSwiper® II

Siding Removal Tool for Vinyl Siding

SideSwiper model SRT2 combines the comfort and added leverage of a straight handle with the smooth unlocking of a burr free hook. The blade 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 ensures that the hook will not cut into the vinyl material. 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 in. (6.4 mm) peg hook.



Save Time!
With a smooth unlocking motion, an easy-to-grasp straight handle and a non-slip textured grip, this handy tool will save you time by cleanly removing vinyl siding!

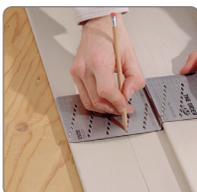
1. **INSERTION:** Wedge tip of blade under overlapping panel and hook onto the back lip of buttlock.
2. **UNLOCKING:** Pulling lip downward, slide the tool along length of panel to unlock and expose nail row of panel to be removed.
3. **PANEL REPLACEMENT:** Lock and nail replacement panel into place.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



THE SIDER®

Marking & Cutting Templates for Vinyl Siding

Save up to three 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 in. (3.2 mm) holes. The Sider comes in three 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.



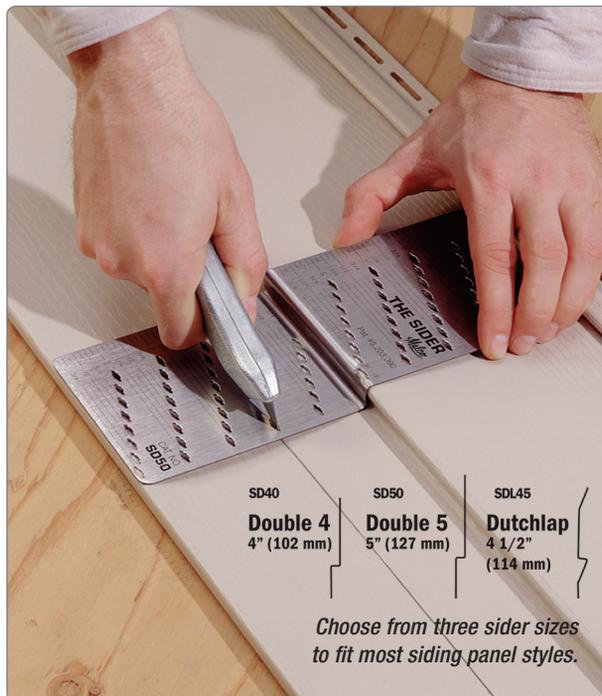
Scribe it



Square it



Cut it!



SD40 **Double 4**
4" (102 mm)

SD50 **Double 5**
5" (127 mm)

SDL45 **Dutchlap**
4 1/2"
(114 mm)

Choose from three sider sizes to fit most siding panel styles.

Catalog Number	Description	Tool Length. in. (mm.)	Net Wt. oz. (g)
SRT2	SideSwiper II Siding Removal Tool	6-1/4 (159)	3.0 (85)
SRT2B	SideSwiper II Siding Removal Tool Bulk (25)	—	—
SD40	The Sider Double 4	—	7.0 (199)
SD50	The Sider Double 5	—	8.0 (227)
SDL45	The Sider Dutchlap 4-1/2	—	7.0 (199)



Snap Lock Punch

Snap lock plastic skirting and siding to finishing trim.

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.



Economical and Rugged

Note: The SL5 should not be used when PERMATABS are required to snap into finished trim. For this application we recommend using the Malco SL1R or SL2R Snap Lock Punch. PERMATABS is a trademark of C & H Enterprises. Not Recommended for use below 32° F (0° C).



Snap Lock Punch



Designed for Vinyl Only

For securing vinyl skirting and siding to finishing trim.

The SL8R produces wider, more secure locking tab projections. Tabs grip a greater surface area and guard against dislodging due to relaxation of vinyl from heat. SL8R installations also resist blowout during times of high pressure and wind. Constructed of steel stampings and rugged investment cast alloy steel jaws, with nickel plate and black oxide finishes. Ergonomic Redline Handles with unique one-hand operation latch offer maximum compound leverage performance and natural fit and feel. *Not Recommended for use below 32° F (0° C).*



Nail Hole Slot Punch



Add accurate nail slots quickly and easily!

The NHP1R punches a generous 5/32 x 3/4 in. (4.0 to 19.1 mm) horizontal slot for adding or elongating nail holes in vinyl and .019 in. (0.48 mm) aluminum siding to accommodate irregular stud spacing. Ergonomic Redline Handles with unique one-hand operation latch offer maximum compound leverage performance and natural fit and feel.

Catalog Number	Description	Throat Depth in. (mm)	Slot in. (mm)	Length in. (mm)	Net Wt. oz. (g)
SL5	Snap Lock Punch	3/8 (9.5)	—	9 (229)	12 (340)
NHP1R	Nail Hole Slot Punch	5/8 (15.9)	5/32 x 3/4 (4.0 x 19.1)	8-1/2 (216)	16 (454)
SL8R	Snap Lock Punch	1/2 (12.7)	—	8-1/2 (216)	16 (454)
Replacement Spring for Hand Tools					
5018	Fits NHP1R, SL8R				



For Notches & Drain Tabs

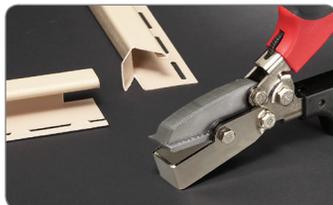
J-Channel Cutters are available for 1/2, 5/8 and 3/4 in. (12.7, 15.9 and 19.1 mm) channel.

Use a versatile Malco J-Channel Cutter to make drain tabs, downstream notch cutouts and miter trim cuts in vinyl channel. Available in three sizes for 1/2 inch (12.7 mm) channel, 5/8 inch (15.9 mm) channel and 3/4 inch (19.1 mm) channel. Tool operation is fast and easy! Light hand pressure produces a single handle click signal to ensure perfect drain tabs every time. Graduations on the upper jaw easily gauge tab or notch depths from 3/8 to 1-1/4 in. (9.5 – 31.2 mm). Use either side of the jaws to cut a 45-degree miter for a professional finished look. Hardened all-steel construction with rust resistant nickel chrome and black oxide finishes ensures long service life.



Depth Gauge

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



Make drain tabs, downstream Notch cutouts and 45-degree miter trim cuts with one tool!

Easy one-hand operation!



45° trim cut

Catalog Number	Description	Application	Tool Length, in. (mm.)	Net Wt. oz. (g)
JCC50R	J-Channel Cutter 1/2 in. (12.7 mm)	J-Channel	8-7/8 (225)	16 (454)
JCCR	J-Channel Cutter 5/8 in. (15.9 mm)	J-Channel	8-7/8 (225)	16 (454)
JCC75R	J-Channel Cutter 3/4 in. (19.1 mm)	J-Channel	8-7/8 (225)	16 (454)

Replacement Spring for Hand Tools

5018	Fits All JCC Models on this Page
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JCCR

5/8 in. (15.9 mm)
J-Channel



JCC50R

1/2 in. (12.7 mm)
J-Channel

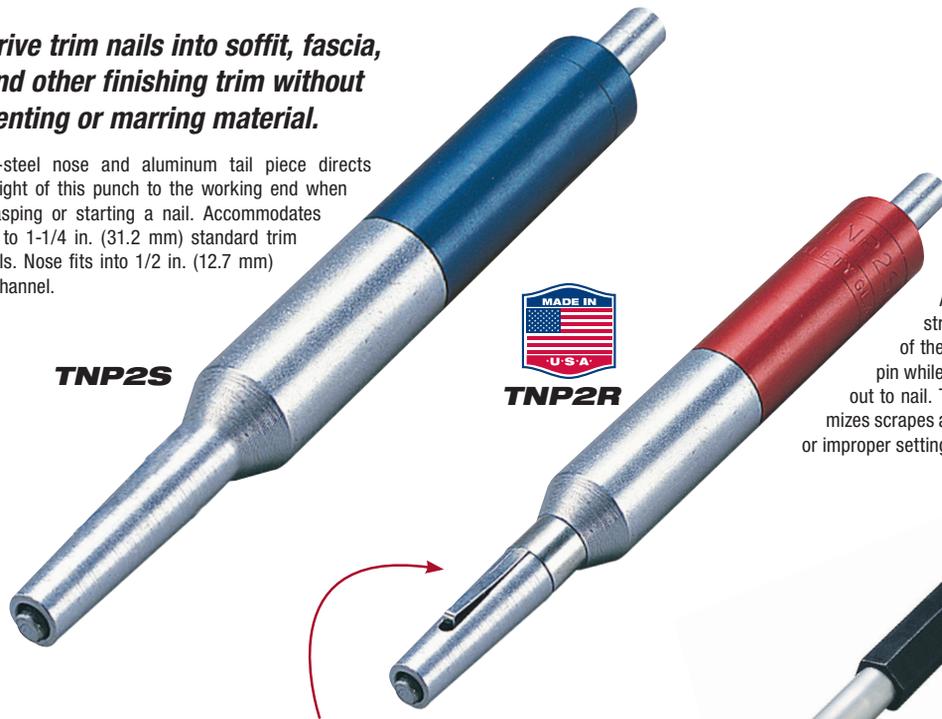


JCC75R

3/4 in. (19.1 mm)
J-Channel

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 in. (31.2 mm) standard trim nails. Nose fits into 1/2 in. (12.7 mm) J channel.



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 slippage or improper setting depth.

TNP2S



“Pocket Sized”
TNP3S

Tool will hold and install standard 1-1/4 in. (31.2 mm) trim nails. Small size allows easy access to recesses of formed trim pieces. Hex collar prevents rolling.



Nail retaining clip holds nail securely while positioning punch.



Vinyl Cutting Circular Saw Blades



VCB1

Versatile 7-1/4 in. (184 mm) blade for smooth cutting in vinyl fencing / siding and plastic trim.



VCB2EV

Big 10 in. (250 mm) circular blade fits most power miters for making ultra smooth cuts.

Catalog Number	Description	Diameter in. (mm)	RPM	Teeth	Arbor in. (mm)
VCB1	Vinyl Cutting Saw Blade	7-1/4 (184)	6500	186	5/8 (15.875)
VCB2EV	Vinyl Cutting Circular Saw Blade	10 (250)	6500	248	5/8 (15.875)

Catalog Number	Description	Tool Length. in. (mm.)	Net Wt. oz. (g)
TNP2S	Trim Nail Punch	6-3/4 (171)	6 (170)
TNP2R	Trim Nail Punch with Clip	6-3/4 (171)	6 (170)
TNP3S	Trim Nail Punch	5 (127)	2 (57)
TNP3SB	Trim Nail Punch Bulk (24)	—	—
TNP3SH	Trim Nail Punch Bulk (100)	—	—
TNP2CL	Replacement Clip for TNP2R	—	—

Fiber Cement Siding Tools

- ***Guillotines***
- ***Nibblers***
- ***Gauges***
- ***Punches***
- ***Hole Saws***
- ***Fiber Cement
Saw Blades***



***Step by Step
Solutions for
Fiber Cement and
Backer Board Siding***

Cut multiple angles in fiber cement siding with guillotine precision and minimal dust!

Quickly and cleanly produce 3/12, 4/12, 6/12, 8/12, 10/12, or 12/12 pitch cuts and most other angles in fiber cement siding.



Stable welded frame will survive the most rugged job-site environments.



Scribe desired angle on fiber cement siding plank and feed it into the guillotine blade as you cut.

Long-life nickel plated blade design with high leverage handle requires less force to produce clean cuts and minimal air-borne dust.

Large guillotine work plate and open throat allows clearance for cutting any angle in 5/16 in. (8 mm) fiber cement planks up to 12 in. (305 mm) wide.



FCC7

Fold-out feet act as support extensions for the cutting operation and also allow guillotine to be mounted on saw horses for optional workbench-level operation.



A 90° guillotine fence is quickly installed to the left or right of blade for cutting siding planks to length.



Loosen knob to swing fence out of the way for angled cuts.



Smooth straight cuts



Cleanly cut any angle desired

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

Catalog Number	Description	Net Wt. lbs. (kg)
FCC7	Fiber Cement Angle Cutter	45(20.4)

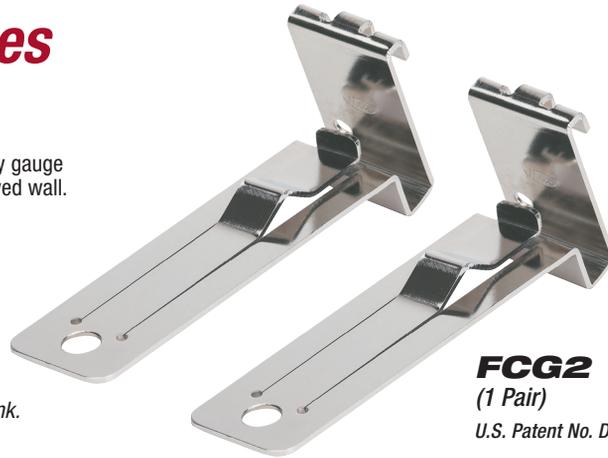


Overlap Gauges

- Allows one-person installation of siding planks.
- Two gauges support entire length of plank and precisely gauge a standard 1-1/4 in. (31.2 mm) overlap - even on a bowed wall.
- No adjustments to vary and nothing to mark.
- Works on 5/16 in. (7.9 mm) fiber cement siding plank.
- Will not mar finish of pre-painted siding.



← Precision-ground tip assures gauge will grip behind siding plank.
Strong, one-piece tempered spring steel construction.



FCG2
(1 Pair)

U.S. Patent No. D525,492



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 in. (46 cm) away from gauge.

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.



Facing Gauge

- Adjustable for precise 5, 6, 7 or 8 in. (127, 152, 178 or 203 mm) exposures. Gauging block easily snaps into desired position without use of tools or fasteners.
- Easy to grasp with one hand while steadying new plank for nailing.
- Manufactured of tough, long-lasting, weather-resistant nylon material throughout.
- May be used with Overlap Gauge for 1-person application.

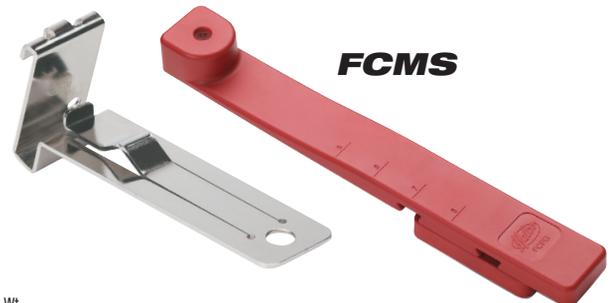


FCFG



Speed Set Gauges

Using the Facing Gauge while nailing across the width of the plank ensures 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.



FCMS

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

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Fiber Cement Siding Guillotine Shear

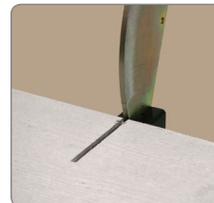


Cleanly cuts 5/16 in. (8 mm) fiber cement siding without distortion or compression. A large, stable support plate, with board stop, ensures straight, square cuts in 8-1/4 in. (210 mm) wide plank with minimal dust. No sharpening required! The durable, lightweight steel frame and high leverage design offer long service life, easy handling and smooth cutting operation.

Malco by EDMA



Fast, Straight Trim Cuts



Minimal Dust Operation

WARNING:
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Fiber Cement Siding Circular Saw Blades with 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. 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 ensures a flat true run.

Available in:

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



FCCB7



FCCB10



FCCB12

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Hand Nibblers for Fiber Cement & Backerboard



FCC3 / FCC5

Malco by EDMA

Anti-Slip blade profile. Makes fine, precise trim cuts & rounded cuts with ease.

(FCC3) Cuts 5/16 in. (8 mm) fiber cement siding & (FCC5) cuts 1/2 in. (12.7 mm) backer board planks cleanly, without distortion or blowout. Makes fine, precise trim cuts and rounded cuts with ease. Anti-slip blade profile offers exceptional operator control.

Catalog Number	Description	Length of Cut in. (mm)	Tool Length in. (mm)	Net Wt. oz. (g)	Net Wt. lbs. (kg)
FCC3	Fiber Cement Siding Hand Nibbler	—	12 (305)	22 (340)	1.4 (0.64)
FCC5	Fiber Cement Siding Backer board Hand Nibbler	—	12 (305)	22 (340)	1.4 (0.64)
FCC4	Fiber Cement Siding Guillotine	8-1/4 (210)	—	—	22 (9.98)

Catalog Number	Description	Diameter in. (mm)	Teeth	Arbor in. (mm)	RPM
FCCB7	Fiber Cement Circular Saw Blade	7-1/4 (184)	4	5/8 (15.9)	8300
FCCB10	Fiber Cement Circular Saw Blade	10 (254)	6	5/8 (15.9)	5500
FCCB12	Fiber Cement Circular Saw Blade	12 (305)	8	1 (25.4)	4700



Hidden Nail Cutter

The easiest way to cut hidden nails

Cuts hidden nails left over from removal of damaged or unwanted fiber cement siding plank without damaging overlapping plank. Flat head with beveled leading edge easily maneuvers under edge of siding and into corners. Ideal for remodeling or salvaging projects.



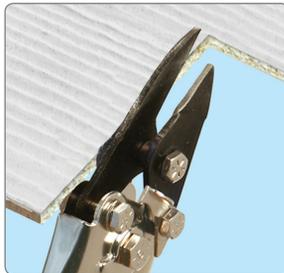
- Saves time and effort when replacing or salvaging siding, thin building materials, and windows.
- Flat head with beveled edges easily maneuvers under edge of material and reaches into corners to cut hidden nails without damaging material.
- Precision-ground, heat treated jaws and compound handle leverage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



Fiber Cement Snip



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



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

Designed to cut 5/16-inch (7.9 mm) fiber cement siding plank, the FCSR snip makes precise arc and trim cuts from any work position quickly and easily. Hardened all-steel construction with rust-resistant nickel plate and black oxide finishes ensures long service life.



Catalog Number	Description	Length in. (cm)	Net Wt. oz. (kg)
SNC	Hidden Nail Cutter	18-1/2 (47)	28 (794)
FCSR	Fiber Cement Snip	8-1/2 (21.6)	12 (340)

Replacement Spring for Hand Tools

5018	Fits FCSR
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QUICK ACTION™

Carbide Tipped Hole Saws and Accessories



Easily cut thick or layered building materials including wood, wall tile, fiberglass, plastic and fiber cement siding including James Hardie®

- Quick Change Pilot Drills are available in both Carbide Tipped and High Speed Steel.
- Unique Quick Connect Arbor easily attaches both pilot drill and hole saw quickly and securely.
- 19 separate hole saws work fast with carbide tipped teeth featuring self-cleaning deep gullets.
- Pilot drill projects 1 in. (25 mm) past saw teeth for easy cutting in uneven surfaces like lap siding for easy saw plug ejection.



- Cleanly cut holes in walls clad with fiber cement siding
- Generous 2-1/4 in. (57 mm) saw depth is also versatile for cutting through a variety of other wall cross-sections.



QUICK CONNECT™

Arbor

HA3



QUICK CHANGE™

Pilot Drills

HH4

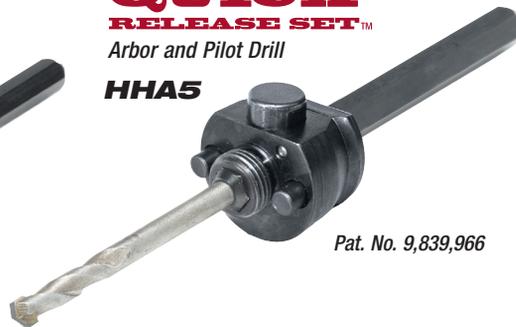
HH5



QUICK RELEASE SET™

Arbor and Pilot Drill

HHA5



Pat. No. 9,839,966

Quick Connect Arbor

Catalog Number	Hex Opening mm	Thread Size in.	Use for Carbide Tipped Hole Saws
HA3	10	5/8 - 18	1-3/8—6-5/16 (35-160)

Quick Change Pilot Drills

Catalog Number	Drill	Hex Shank mm	Overall Length in. (mm)	Drill Chuck in. (mm)	Use with Arbor
HH4	HSS	10	7-3/4 (196)	1/2 (12.7)	HA3
HH5	CT	10	7-3/4 (196)	1/2 (12.7)	HA3

Quick Release Set - Arbor with Pilot Drill

Catalog Number	Drill	Hex Shank mm	Overall Length in. (mm)	Drill Chuck in. (mm)	Use for Carbide Tipped Hole Saws
HHA4	HSS	10	7-3/4 (196)	1/2 (12.7)	1-3/8—6-5/16 (35-160)
HHA5	CT	10	7-3/4 (196)	1/2 (12.7)	1-3/8—6-5/16 (35-160)

Quick-Action Carbide Tipped Hole Saws

Catalog Number	Hole Diameter in. (mm)	Cutting Depth in. (mm)	Thread Size
HF1	1-3/8 (35)	2-1/4 (57)	5/8—18
HF2	1-7/8 (48)	2-1/4 (57)	5/8—18
HF3	2 (51)	2-1/4 (57)	5/8—18
HF4	2-3/8 (60)	2-1/4 (57)	5/8—18
HF5	2-1/2 (64)	2-1/4 (57)	5/8—18
HF17	2-9/16 (65)	2-1/4 (57)	5/8—18
HF6	2-3/4 (70)	2-1/4 (57)	5/8—18
HF7	3 (76)	2-1/4 (57)	5/8—18
HF8	3-1/2 (89)	2-1/4 (57)	5/8—18
HF18	3-5/8 (92)	2-1/4 (57)	5/8—18
HF9	4 (102)	2-1/4 (57)	5/8—18
HF10	4-1/8 (105)	2-1/4 (57)	5/8—18
HF11	4-1/2 (114)	2-1/4 (57)	5/8—18
HF19	4-5/8 (117)	2-1/4 (57)	5/8—18
HF12	5 (127)	2-1/4 (57)	5/8—18
HF13	5-1/4 (133)	2-1/4 (57)	5/8—18
HF14	5-1/2 (140)	2-1/4 (57)	5/8—18
HF15	6 (152)	2-1/4 (57)	5/8—18
HF16	6-5/16 (160)	2-1/4 (57)	5/8—18

Word Key: HSS - High Speed Steel CT - Carbide Tipped



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Hole in One[®] HOLE SAW



A hole saw supplied with a dedicated arbor is always the right match, properly assembled and ready to use. BiMetal by Malco concentric construction ensures vibration-free cuts in any machinable metal, including tool steels and stainless. The variable 4/6 pitched tooth configuration milled into a high speed steel edge and micro-welded to a shatterproof alloy steel body easily tackles nail embedded wood. The generous 1-15/16 inch (49.2 mm) cup depth allows cuts in wooden studs, joists and door slabs in one pass.



Bimetal hole saw with supplied arbor easily cuts metal, nail embedded wood, studs, joists and door slabs.



High speed 1/4 inch (6.4 mm) replacement pilot drill bit fits both original Hole-in-One hole saw with built-in arbor and current 2-piece Hole-in-One with dedicated separate arbor. Generous 3-sided, 1-13/16 inch (30.2 mm) long flats ensure easy positioning of replacement pilot drill bit in the pass-through shank of original welded-on arbor and positive connection with arbor cap screw of either original or current arbor.

Hole in One - Hole Saws

Catalog Number	Diameter in. (mm)	Cup Depth in. (mm)	Bit Dia. in. (mm)	Teeth	Mild Steel	Stainless Steel	Tool and Cast Iron	Brass	Aluminum
					RECOMMENDED RPM Cutting Speeds				
H30	1-7/8 (47.6)	1-15/16 (49.2)	1/4 (6.4)	Variable Pitched 4/6 per in. (25.4 mm), milled hook*	180	90	120	240	270
H32	2 (50.8)	1-15/16 (49.2)	1/4 (6.4)	Variable Pitched 4/6 per in. (25.4 mm), milled hook*	170	85	115	230	255
H38	2-3/8 (60.3)	1-15/16 (49.2)	1/4 (6.4)	Variable Pitched 4/6 per in. (25.4 mm), milled hook*	140	70	95	190	220
H44	2-3/4 (69.9)	1-15/16 (49.2)	1/4 (6.4)	Variable Pitched 4/6 per in. (25.4 mm), milled hook*	125	60	80	160	185

Pilot Drill Bit

HSB 1/4 in. (6.4 mm) Hole Saw Bit - Length: 3-1/2 in. (88.9 mm)

**All BiMetal Hole Saws sizes feature 4/6 variable pitch teeth for aggressive cutting in all machinable materials.*



HSW68 for 4 in. (102 mm) duct pipe and vent hood holes.
HSW97 for 6 in. (152 mm) duct pipe and vent hood holes.



HSW68
7/16 in. (11.1 mm) pilot drill



HSX Vent Saw Extension

Vent Saws

Catalog Number	Description	Diameter in. (mm)	Depth of Cut in. (mm)	Replacement Blades
HSW68	Vent Saw	4-1/4 (108)	2 (50.8)	RBW68
HSW97	Vent Saw	6-1/4 (159)	2 (50.8)	RBW97
HSRD	Replacement Pilot Drill	7/16 (11)	—	—
HSX	13 in. (330 mm) Arbor Extension fits Malco Vent Saw®	—	—	—



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



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Radiant Heating Installation Tools

- ***Foam Board Stapler and Staples***
- ***PEX to Wood Stapler and Staples***
- ***Smart Tool and Smart Clips***
- ***PEX Tubing Uncoiler***
- ***PEX to Wire Hand Tool***
- ***Tube Cutters***



***Let's Heat Things Up!
Install PEX Tubing with
Blazing Speed.***



For in-floor radiant heating installation. Design includes magazine slide weight and stand.



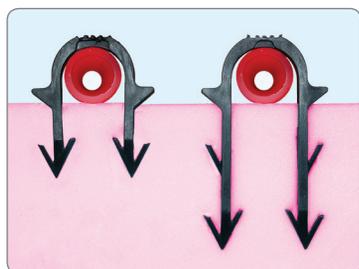
Operates from a standing position! Lightweight one-piece polymer magazine stands up to any

job-site environment. 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.

Compatibility: Malco Foam Board Stapler and Staples (FBSN, FBSN1 & FBSN2) are compatible with most popular brands of foam board stapling systems. Malco 1-1/2 in. (38.1 mm) staples are designed for 1 in. (25.4 mm) foamboard. Additional barbs on 2-1/2 in. (63.5 mm) staple "Double the Holding Strength" in 2 in. (50.8 mm) foam board.



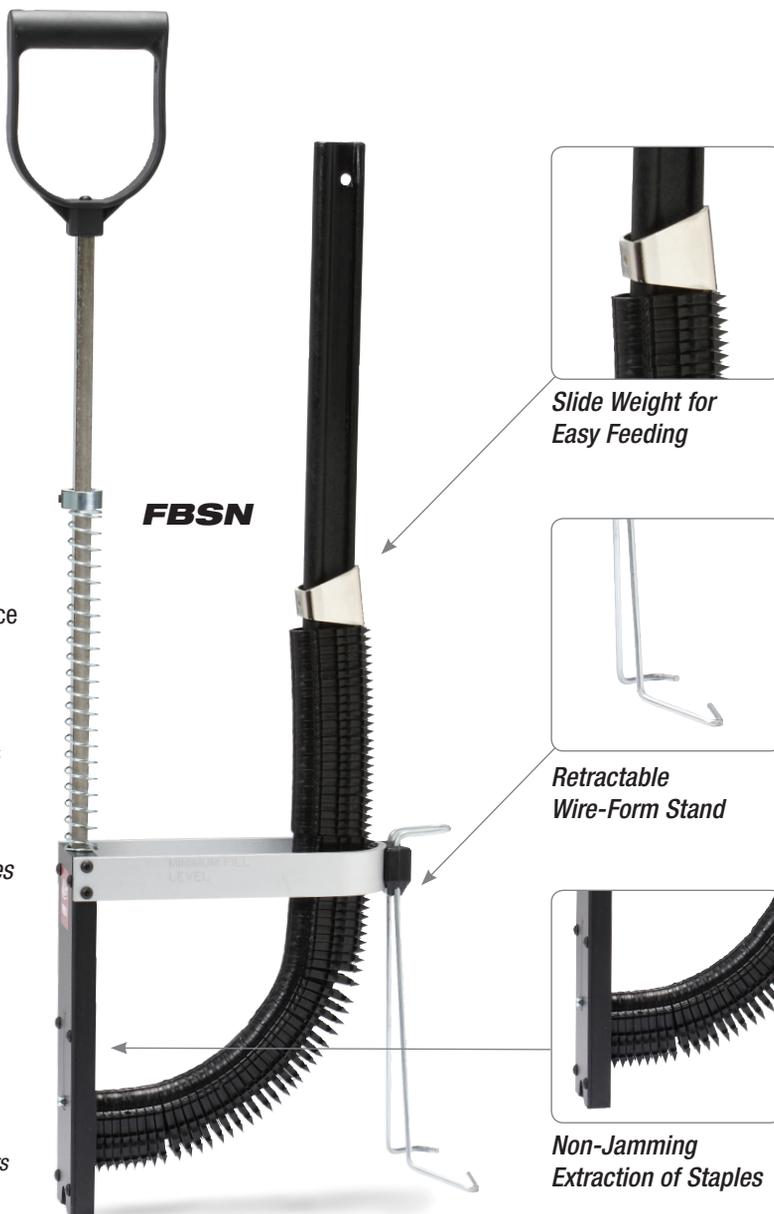
Modify your original Malco FBS or FBSN Foam Board Staplers for PEX to wooden sub-floor installation. Kit includes weight cylinder and easy instructions.



Exclusive dual-barbed foam board staple design. Dual-barbed foamboard staples increase bite and holding power!

FBSN1: 1-1/2 in. (38.1 mm) staples are designed for 1 in. (25.4 mm) foam board, and secure 3/8 in. (9.5 mm) and 1/2 in. (12.7 mm) PEX.

FBSN2: 2-1/2 in. (63.5 mm) staples double the holding for 2 in. (50.8 mm) foam board, and secure 3/8 in. (9.5 mm), 1/2 in. (12.7 mm) and 5/8 in. (15.9 mm) PEX.



Catalog Number	Description	Stapler Size in. (mm)	Staple Size in. (mm)
FBSN	PEX to Foam board Stapler	37 x 11-1/4 x 2-1/2 in. (940 x 286 x 64)	
PEX Staples			
FBSN1	1-1/2 in. (38.1 mm) staple for 1 in. (25.4 mm) foam board (200 qty.)	—	1-1/2 (38.1)
FBSN2	2-1/2 in. (63.5 mm) staple for 2 in. (50.8 mm) foam board (200 qty.)	—	2-1/2 (63.5)
FBS1BX	1-1/2 in. (38.1 mm) box of staples for 1 in. (25.4 mm) foam board (300 qty.)	—	1-1/2 (38.1)
FBS2BX	2-1/2 in. (63.5 mm) box of staples for 2 in. (50.8 mm) foam board (300 qty.)	—	2-1/2 (63.5)

PEX to Wood Conversion Weight Kit	
PWSK1	Conversion Kit for Original FBS / FBSN Foam board Stapler
Replacement Parts	
FBSNS	FBSN / PWS1 Wire-form stand *
FBSNW	Magazine Slide Weight **

* Will work with black magazine slide only.
 ** Will work with any model, including original FBS

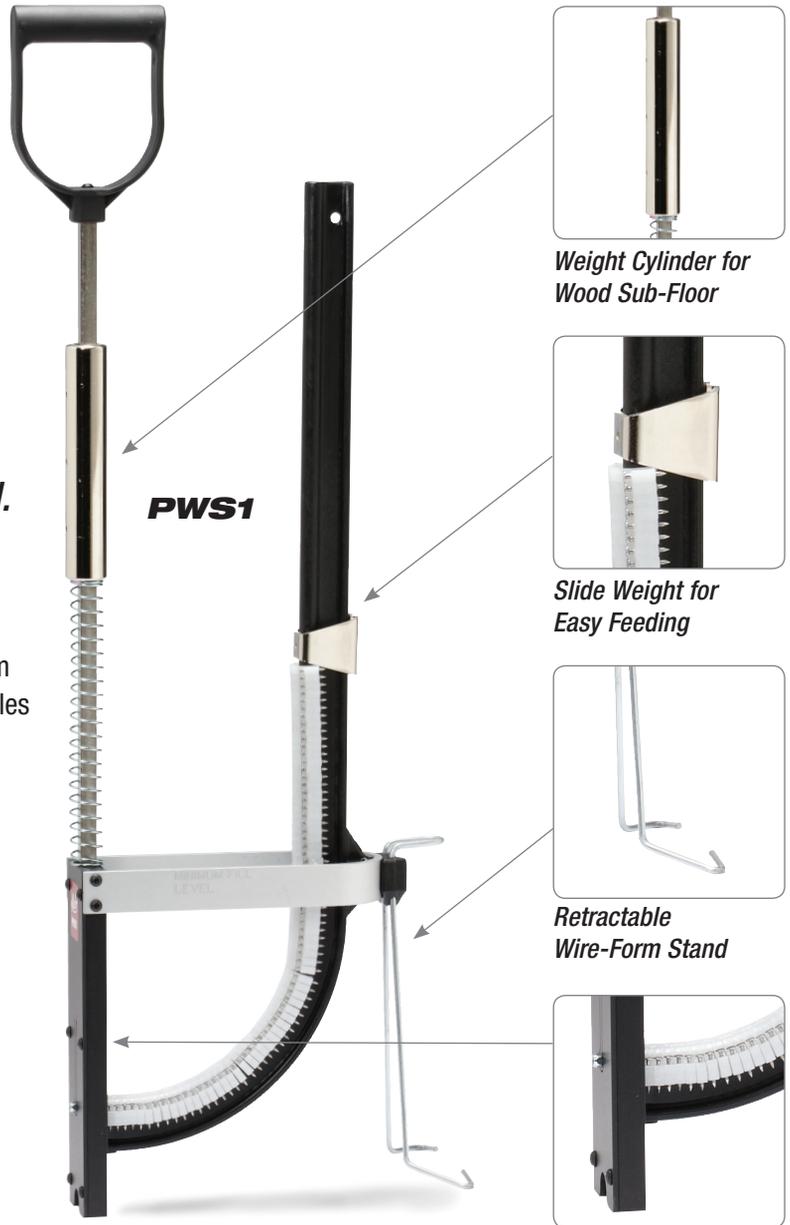


For wood or in-floor radiant heating installation. Includes magazine slide weight and stand.



Fast, one-handed, one-stroke staple insertion for wood sub-floor or a foam

board base. Use PWS2 1-1/16 in. (27 mm) staples with the PWS1 Stapler to secure 3/8 or 1/2 in. (9.5 or 12.7 mm) PEX to a wooden sub-floor.



Weight Cylinder for Wood Sub-Floor



Slide Weight for Easy Feeding



Retractable Wire-Form Stand



Non-Jamming Extraction of Staples



PEX to Wood Staples

PEX to Wood staples feature two .083 x 3/4-in. ring-shank stainless steel nails for superior pull strength in a wooden sub-floor.

PWS2: 1-1/16 in. (27 mm) staples to secure 3/8 in. or 1/2 in. (9.5 or 12.7 mm) PEX layouts to a 3/4 in. (19.1 mm) wooden sub-floor.

Catalog Number	Description	Stapler Size in. (mm)	Staple Size in. (mm)
PEX Stapler			
PWS1	PEX to Wood Stapler	37 x 11-1/4 x 2-1/2 in. (940 x 286 x 64)	
PEX Staples			
PWS2	PEX to Wood Staples (for use in plywood)	—	1.063 (27)

For fast, uniform layout of PEX to a wire grid with foamboard base



Easy top-loading SmartClip magazine.



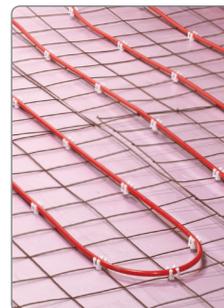
Use the Smart Tool standing comfortably.



Smart Clip is designed for a secure wire connection.



Protective plastic-to-plastic PEX connections.



Uniform layout ensures even radiant heating surface.



80% Faster - 100% Smarter



The SmartTool stapler is used to install SmartClip staples that secure an in-floor radiant heating layout of PEX tubing to a wire grid with foam board base. The ergonomic 38-1/2 inch (98 cm) tall SmartTool weighs only 6.1 lbs (2.8 kg) and saves time by operating from a standing position to attach SmartClips to a 10-ga (3.5 mm) wire grid. The installed SmartClips accommodate popular 1/2 inch PEX tubing, which the user also installs from a standing position by pressing into place with one foot while distributing the PEX along the clip layout. The SmartClip keeps the inserted PEX elevated over the wire grid to provide thorough concrete encasement and coverage.



SM2
SmartClips

Catalog Number	Description	Tool Length in. (cm)	Handle Width in. (cm)	Wire Capacity Ga. (mm)	SmartTool Clip Maximum	PEX Capacity in. (mm)	Tool Net Weight lbs. (kg)	Quantity
SM1	SmartTool™	38.5 (98)	21 (53)	—	2 Strips of 20 Clips	—	6.1 (2.78)	1
SM2	SmartClip™	—	—	10 (3.5)	—	.5 (12.7)	—	1280

Organize and dispense PEX Tubing easily and efficiently for a more uniform layout



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

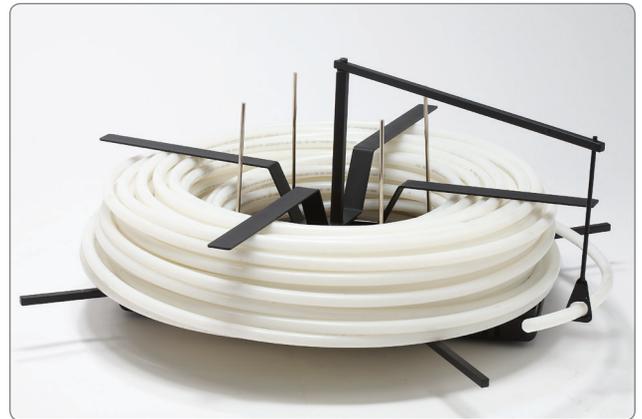
The open case serves as the unit's base. No tools are required to assemble. A heavy-duty turntable supports a full coil of PEX (polyethylene cross-linked tubing). Eyelet loop opens for easy feeding or removal of tubing from uncoiler unit. Rotating eyelet arm allows tubing to be pulled off in any direction.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



Fast Set-Up, Easy Loading and Dispensing.



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



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

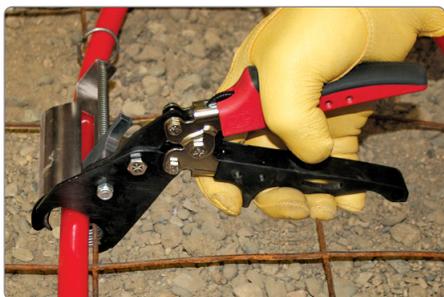
EASY STEP BY STEP ASSEMBLY



An optional Wheel and Handle Kit is also available.

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

The lowest cost per connection for laying out a PEX in-floor radiant heating system on a wire grid.



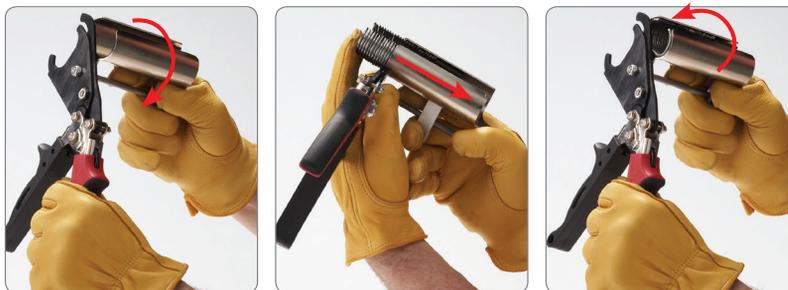
A fast, easy, labor-saving way to lay out an in-floor radiant heating system on a wire grid!

The PT1 tool secures PEX (polyethylene cross-linked tubing) to a wire grid with proprietary Malco PC1 clips. Hardened all-steel construction with rust resistant nickel plate and black oxide finishes ensures long service life.

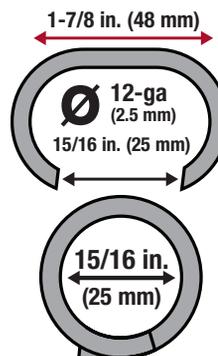
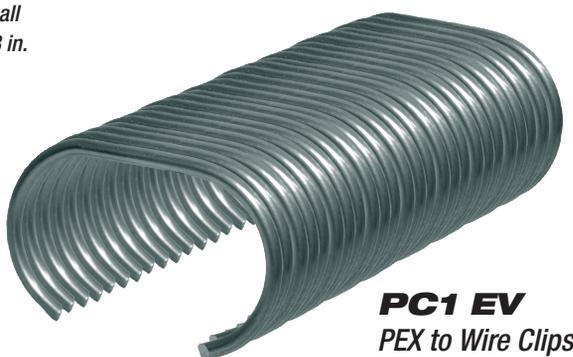


The Malco PT1 PEX To Wire Tool also features ergonomic RedLine Handle technology. An engineered handle opening compliments the natural power stroke of any user's hand and maximizes the powerful 7:1 mechanical advantage of compound-leverage head to handle linkage. Comfortable handle grip contours, a non-slip grip insert, spring handle actuation, and a thumb-operated handle latch ensure a natural fit and feel for comfortable one hand operation anywhere on the job.

EASY STEP BY STEP ASSEMBLY



- Safe to use on all PEX to wire applications and all brands of PEX tubing from 3/8 in. (9 mm) to 5/8 in. (15.9 mm) diameters.
- Easy-loading magazine with 25 clip capacity won't slow you down.
- Trouble-free tool operation and secure clip connection.
- 12-gauge (2.5 mm) clips will not jam, break, or damage PEX.
- Clip connection allows some PEX movement to avoid abrasion.



Catalog Number	Description	Clip Usage	Length in. (mm)	Net Wt. oz. (g)
PT1	PEX to Wire Tool	PC1	10-3/8 (264)	28 (794)

PEX to Wire Clips - 25 clips per strip

Catalog Number	Steel Type	For Tools	Crown in. (.)	Opening in. (mm)	Inside Dia. in. (mm)	Thickness Ga. (mm)	Package Qty.
PC1 EV	PEX to Wire Clips	PT1	1-7/8 (48)	15/16 (25)	15/16 (25)	12 (2.5)	500

Hard or Soft Copper



Rugged Aluminum Alloy Body



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. **A**

Ratchet Action



Self-Feeding Ratchet Motion

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

- A. Conforms to Federal Specification GGG-C771d 1-31-64. Type II, Class 1, Style B.
- B. Conforms to Federal Specification GGG-C771d 1-31-64. Type II, Class 2, Amendment II.

Spring Loaded



Fast Adjusting with Quick Release

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

Tight Spaces



1-1/4 in. Clearance
TC127

1-1/4 in. Clearance for tight spaces



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 in. (42.9 x 49.2 x 22.2 mm). Weighs only 2-1/2 oz. (71 g) A mere 1-1/4 in. (31.8 mm) clearance is all that is needed to operate the "Imp". **B**

Double Rollers



Tubing pivots on double rollers.



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

Sure Grip Tube Slicer



Ideal for use on PEX Tubing



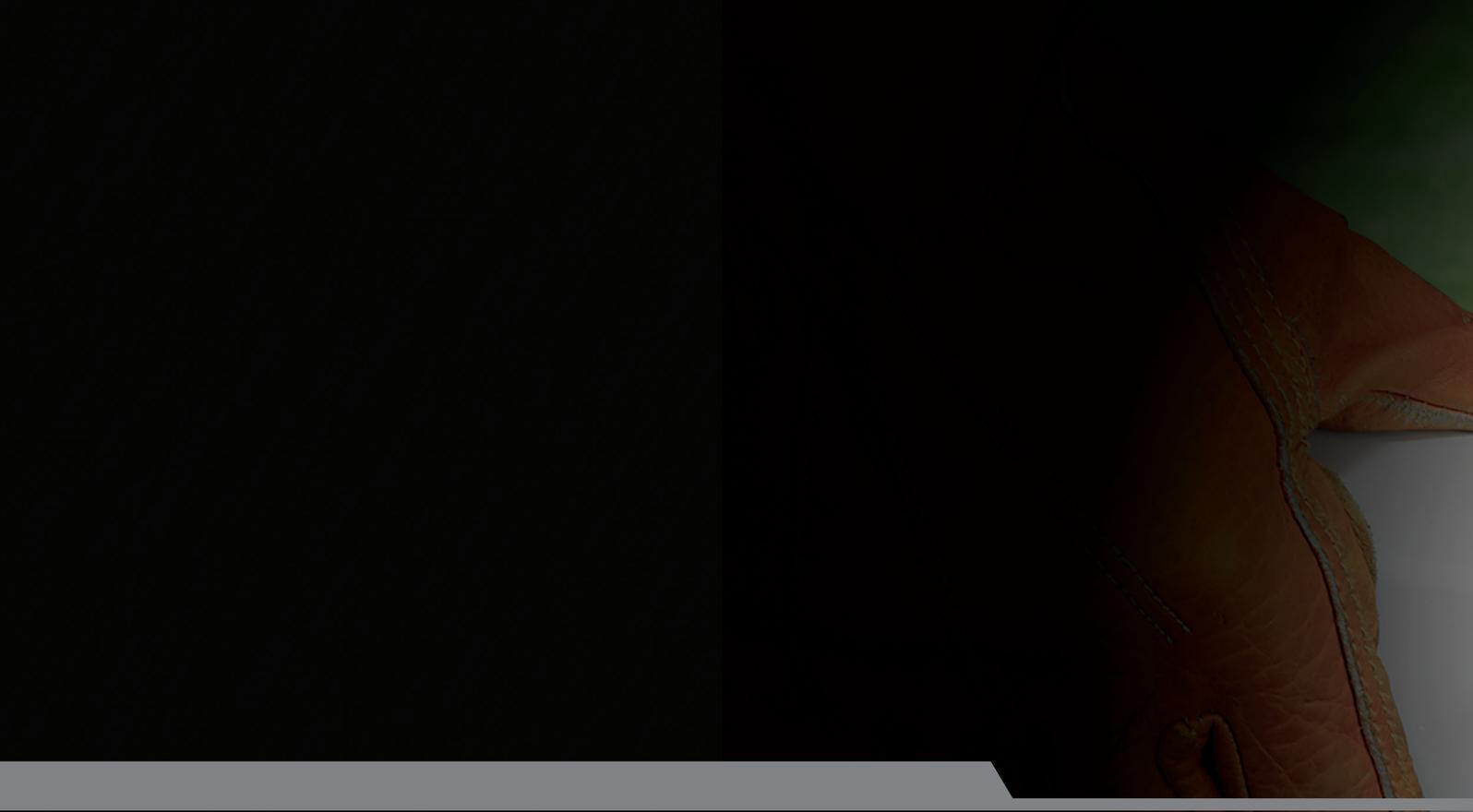
Also produces cuts in ABS, PVC, rubber and fabric reinforced hose up to 1 in. (25.4 mm) I.D. Rigid, durable nylon handle design provides sufficient leverage when cutting so that only moderate hand pressure is required. Stainless steel cutting blade is resharpenable and replaceable.

Catalog Number	Description	Cutting Outside Diameter in. (mm)	Replacement Part Numbers
RTC623	Medium Ratchet Tube Cutter	1/4 - 7/8 (6.4 - 22.2)	RW274
RTC829	Large Ratchet Tube Cutter	5/16 - 1-1/8 (7.9 - 28.6)	RW274
STC650	Spring Loaded Tube Cutter	1/4 - 2 (6.4 - 50.8)	RW274
RW274	Replacement Cutting Wheel	—	—

Catalog Number	Description	Tubing Outside Diameter in. (mm)	Net Weight oz. (g)	Replacement Part Numbers
TC127	Tube Cutter	1/8 to 5/8 (3.2 to 15.9)	—	RW127, 127TCS
TC174	Tube Cutter	3/8 to 1-1/8 (9.5 to 28.6)	—	274TCS, 75046
TC312	Tube Cutter	1/4 to 1-5/8 (6.4 to 41.3)	—	274TCS, 75046, RW274
TC274	Tube Cutter	1/8 to 1-1/8 (3.2 to 28.6)	—	274TCS, 75046, RW274
TC400	Sure Grip Tube Slicer	—	5 (142)	RB400
RW127	Replacement Cutting Wheel	—	—	—
127TCS	Cutting Wheel Screw	—	—	—
RW274	Replacement Cutting Wheel	—	—	—
274TCS	Cutting Wheel Screw	—	—	—
RB400	Replacement Blade	—	—	—
75046	Cutting Wheel for Stainless	—	—	—



Spare Cutting Wheel
RTC623 / RTC829: Spare cutting wheel located on outside of handle.
STC650: Spare cutting wheel located under fold-away ream.



Fencing Solutions

- ***Hog Ring Pliers and Staples***
- ***Fencing Pliers***
- ***Chain Link Fencing Staplers***
- ***Chain Link Fence Tensioners***
- ***Vinyl Cutting Saw Blades***
- ***Notchers and Wrenches***



***Chain Link and
Vinyl Fencing Tools
to speed things up***



Commercial grade hog ring pliers with magazine installs 9-Ga. (3.8 mm) collated aluminum rings or exclusive 9-Ga. (3.8 mm) collated steel rings. Easily secures 7-Ga. (4.5 mm) wire to 9-Ga. (3.8 mm) chain link fence.



Designed to address the most stringent regulatory codes, this commercial grade hog ring pliers ensures uninterrupted operation to quickly install rings. Long handles save time and effort with plenty of leverage and reach. The 25-count

strips of collated rings can be loaded into the pliers' symmetrical magazine from either direction. A plunger feed automatically sets up each ring. There is no need to manually rotate the magazine out of the way as the pliers' clinching mechanism brings the ring forward of the nose for easy access to tension wire and fence.



HRP5



Collapsible magazine for easy storage!



Easy to load and lock



HRA5

**Aluminum Hog Rings, 9-ga. (3.8 mm)
Lightweight for Fast Installation**

- Unique overlap clinch is twice as strong as closest alternative.
- 6061-T94 or 5052-H38 alloy
- 25-piece loading strips with no sharp points are safe and easy to load.
- One 500 pack secures 1000 feet (305 m) of tension wire spaced at 24 in. (61 cm) intervals.

HRS5

**Galvanized Steel Hog Rings, 9-ga. (3.8 mm)
Strong and Weather Resistant!**

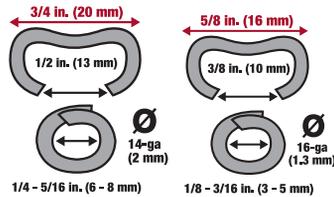
- Unique overlap clinch is twice as strong as closest alternative.
- Class 3 coating per ASTM A641
- 25-piece loading strips with no sharp points are safe and easy to load.
- The only collated 9-ga. steel hog rings on the market.
- One 500 pack secures 1000 feet (305 m) of tension wire spaced at 24 in. (61 cm) intervals.

Catalog Number	Description	Hog Ring Usage	Length in. (mm)	Weight lbs. (oz.)	For Tools	Material	Qty.	Crown in. (mm)	Opening in. (mm)	Inside Dia. in (mm)	Thickness Gauge (mm)
HRP5	Hog Ring Pliers w / Mag.	HRA5 / HRS5	20 (50.8)	2.9 (1.32)	—	—	—	—	—	—	—
HRS5	Hog Ring Staples				HRP5	Galvanized Steel	500	1-7/16 (37)	5/8 (16)	7/16 (11)	9 (3.8)
HRA5	Hog Ring Staples				HRP5	Aluminum Alloy	500	1-7/16 (37)	5/8 (16)	7/16 (11)	9 (3.8)
HRP5SRP	Replacement Plunger / Spring Assembly				HRP5	—	—	—	—	—	—



Fence stapler

- Lightweight with easy spring actuated action
- Comfortable rubber-gripped handle
- Stop guide ensures proper hold on the hog ring
- 2 built-in wire cutters with 11-gauge (3 mm) capacity
- Compatible with HR1 (5/8 in., 16 mm) and HR2 (3/4 in., 20 mm) hog ring staples.

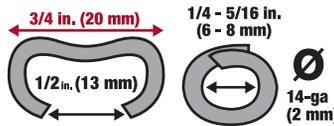


HRP1



Fence stapler with magazine

- 50-staple magazine capacity
- Easy removal of magazine for less storage space
- 2 built-in wire cutters with 11-gauge (3 mm) capacity
- Compatible with HR2 (3/4 in., 20 mm) hog ring staples

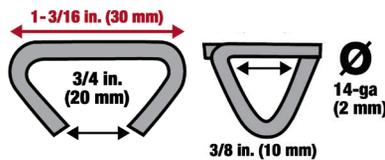


HRP2



Fence stapler with magazine

- Easy fit screw for fast removal of magazine (less storage space)
- 50-staple magazine capacity
- Compatible with HR4 (1-3/16 in., 30 mm) hog ring staples

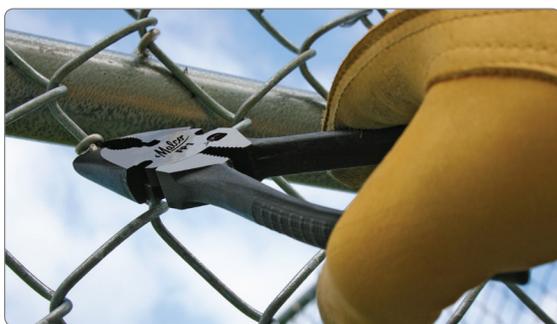
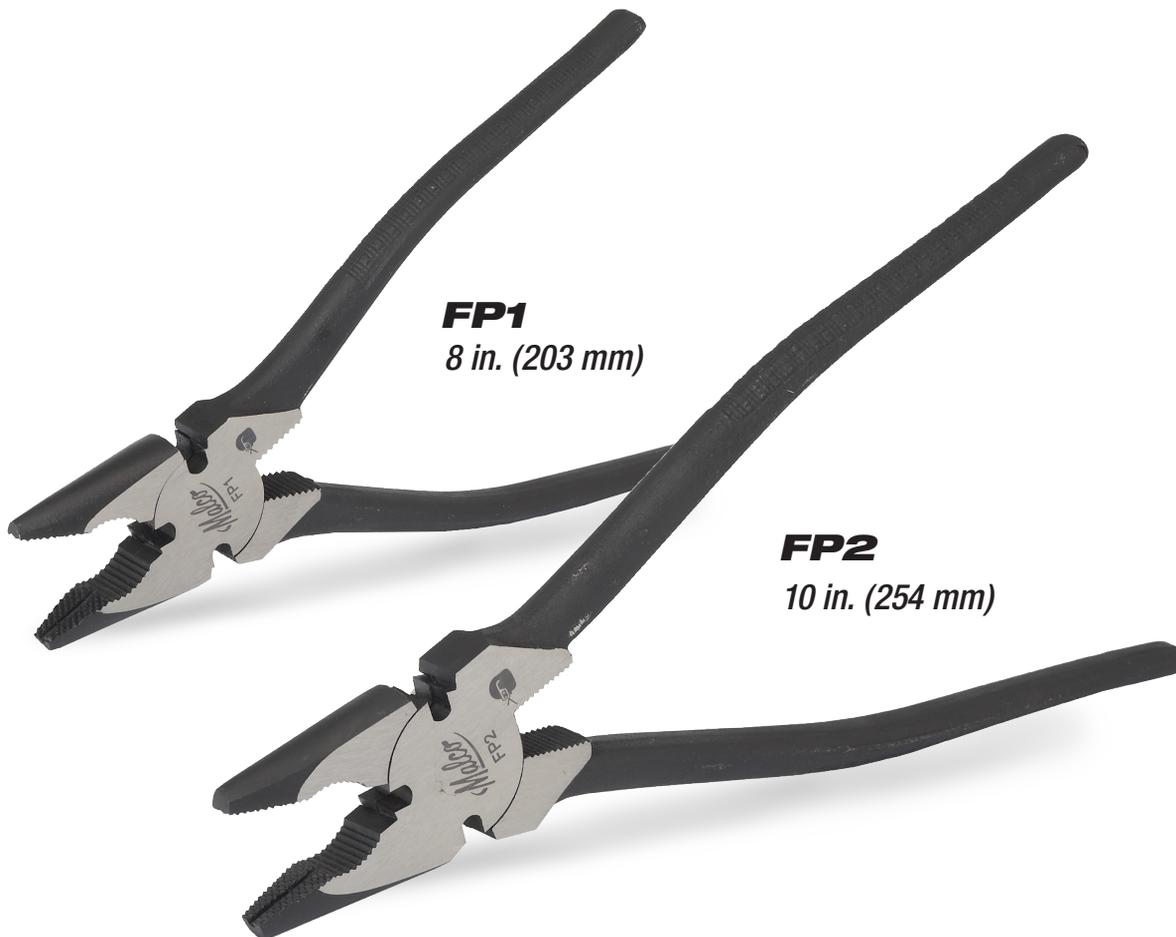


HRP4



Catalog Number	Description	Hog Ring Usage	Length in. (mm)	Weight oz. (g)	For Tools	Material	Qty.	Crown in. (mm)	Opening in. (mm)	Inside Dia. in. (mm)	Thickness Gauge (mm)
HRP1	Hog Ring Pliers	HR1 / HR2	7 (178)	7 (198)	—	—	—	—	—	—	—
HRP2	Hog Ring Pliers with Magazine	HR2	7 (178)	15 (425)	—	—	—	—	—	—	—
HRP4	Hog Ring Pliers with Magazine	HR4	7-3/8 (187)	16 (454)	—	—	—	—	—	—	—
HR1	Hog Ring Staples	HRP1	5/8 (16)	3/8 (10)	1/8-3/16 (3-5)	16 (1.3)	1250	5/8 (16)	3/8 (10)	1/8-3/16 (3-5)	16 (1.3)
HR1X	Hog Ring Staples	HRP1	5/8 (16)	3/8 (10)	1/8-3/16 (3-5)	16 (1.3)	250	5/8 (16)	3/8 (10)	1/8-3/16 (3-5)	16 (1.3)
HR2	Hog Ring Staples	HRP1/HRP2	3/4 (20)	1/2 (13)	1/4-5/16 (6-8)	14 (2)	1000	3/4 (20)	1/2 (13)	1/4-5/16 (6-8)	14 (2)
HR2X	Hog Ring Staples	HRP1/HRP2	3/4 (20)	1/2 (13)	1/4-5/16 (6-8)	14 (2)	200	3/4 (20)	1/2 (13)	1/4-5/16 (6-8)	14 (2)
HR4	Hog Ring Staples	HRP4	1-3/16 (30)	3/8 (10)	14-ga (2 mm)	500	1-3/16 (30)	3/4 (20)	3/8 (10)	14 (2)	

Malco's fencing pliers are available in a highly maneuverable 8-inch (203 mm) length or a high leverage 10-inch (254 mm) model.



This legendary fencing pliers design features three serrated jaw areas for gripping, pulling and tying fence wire. Also, three built-in wire cutter locations ensure easy access for cutting up to 9-gauge (3.8 mm) chain link fence or tensioning wire. A compact, rounded and tapered nose allows easy entry and reach into tight areas. Textured handle surfaces promote safe and sure control. Durable hardened all-steel construction offers long, dependable service life.

Catalog Number	Description	Tool Length in. (mm)	Net Weight oz. (kg)
FP1	8 in. Fencing Pliers	8 (203)	14 (0.40)
FP2	10 in. Fencing Pliers	10 (254)	20 (0.56)



FCP1



Multi-Purpose Fencing Pliers

- Combination hammer, wire tensioner, staple remover, wire cutter, and splicer
- Two built in wire cutters
- Hammer face
- Claw to remove staples
- All steel body



FTC1



Chain Link Fencing Tensioners

- For easy one-person installation of chain link fencing
- Set of two universal chain link fencing tensioners accommodates T-section or round posts



SR1



String and Reel 500 ft. (152 m)

- High visibility string reel used for layout
- Polyethylene reel body with hand crank
- 500 feet of #18 braided nylon line



Vinyl Cutting Circular Saw Blades

VCB3EV: Aggressive cutting 12 in. (305 mm) blade with carbide tipped teeth for easy cuts in fence post.

VCB2EV: Big 10 in. (250 mm) circular blade fits most power miters for making ultra smooth cuts.

VCB1: Versatile 7-1/4 in. (184 mm) blade is a must have for portable circular saws.



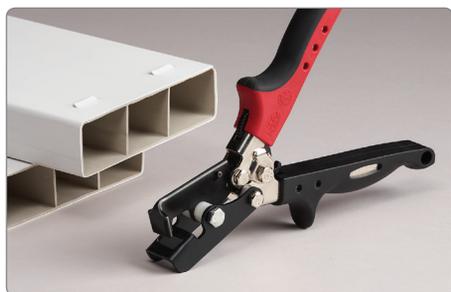
VCB3EV
Carbide Tipped Teeth

VCB2EV

VCB1

Catalog Number	Description	Tool Length in. (mm)	Net Weight oz. (g)	Net Weight lbs. (kg)
FCP1	Multi-Purpose Fencing Pliers	10-5/8 (270)	25 (709)	—
FTC1	Chain Link Fencing Tensioners	9.5 (241)	—	1 (.45)
SR1	String and Reel 500 ft.	10 (254)	8 (227)	—

Catalog Number	Description	Max RPM	Teeth	Arbor In. (mm)	Tool Length in. (mm)	Net Weight oz. (g)	Net Weight lbs. (kg)
VCB1	Vinyl Cutting Circular Saw Blade 7-1/4" (184 mm)	6500	186	5/8 (15.875)	—	—	—
VCB2EV	Vinyl Cutting Circular Saw Blade 10" (254 mm)	6500	248	5/8 (15.875)	—	—	—
VCB3EV	Vinyl Cutting Circular Saw Blade 12" (305 mm)	5800	100	1 (25.4)	—	—	—



Vinyl fence picket and rail notchers are designed specifically for use with vinyl fencing.

Malco's fence picket and rail notchers make raised tabs in the end sections of vinyl rails and pickets. These louver-shaped tabs create a durable "lock" that prevents the rail or picket from pulling out of the openings.

Works in cold down to 40°F (4.4°C) and heat up to 120°F (48.9°C).



VFN1
Picket & Rail Notcher

Creates 1/2 in. (13mm) wide, 7/8 in. (22mm) deep, louver-shaped tabs in vinyl fence pickets and rails, locking the pickets and rails in place.



VFN2
Rail Notcher

Creates 3/4 in. (19mm) wide, 7/8 in. (22mm) deep, louver-shaped tabs in vinyl fence rails, locking the rails into post openings.



VFN1

Compound leverage and exclusive RedLine handles reduce the fatigue of repetitive motions.



Quickly lock rails and pickets in place.



VFN2

Easily create raised tabs on the job site.



The louver-shaped tabs create a durable lock that can withstand high winds and abrupt blows.

Catalog Number	Description	Locking Tab Width in. (mm)	Tool Length in. (mm)	Net Weight oz. (g)
VFN1	Picket and Rail Notcher	1/2 (13)	9 (229)	14 (397)
VFN2	Rail Notcher	3/4 (19)	9 (229)	14 (397)

Offset Ratcheting Wrench

Two-way ratcheting action with an effortless handle-swing motion



This versatile, compact and lightweight offset ratcheting wrench provides easy fastener access. Finger switches are easily accessible to change ratcheting direction. A 25 degree offset design maintains clearance between fingers and chain link fabric. The 12-point box heads, at each end of the wrench, grasp standard U.S. 1/2 inch and 9/16 inch hex fasteners from multiple angles. Through-hole socket openings accommodate any fastener length. Designed for long service life, it exceeds ASME minimum torque requirements. Hardened socket openings and protective nickel chrome plating compliment a solid plastic core sandwiched between the tool's 1/8 inch (3.18 mm) steel plates to ensure the ratcheting mechanism will function in any working conditions.



Catalog Number	Description	12 Pt. Hex Sockets	Nominal Length	Net Weight
RRW6	Ratcheting Wrench, Offset	1/2 and 9/16 in.	6.75 in. (172 mm)	5 oz. (142 g)

Multi-Track Pliers

Multiple slip joint pliers are ideal for use on conduit, pipe, and cable connections.

- Undercut tongue and groove adjustment will not slip! Jaws are held securely in selected position.
- PermaLock® fastener eliminates nut & bolt failure.
- Heat treated right-angle teeth grip better, last longer.
- No pinch point. Lower jaw and reinforcing rib prevent handles from touching.
- Long, vinyl-cushioned handles give powerful leverage with a gentle spread for easy one-hand operation.



Thin design, tempered steel halves allow access in confined spaces where other pliers and wrenches won't go.

STRAIGHT JAW



RUGGED V-JAW

V-shaped jaw creates more points of contact on pipe and round stock for stronger bite and more control.

MT12
12 in. (300 mm)

MT10
10 in. (250 mm)

MT7
8 in. (200 mm)

MT6
6-1/2 in. (165 mm)



Catalog Number	Description	Overall Length in. (mm)	Jaw Type	Jaw Length in. (mm)	Jaw Capacity in. (mm)	Jaw Adjustments	Handle Span	Net Weight oz. (g)
MT6	Multi-Track Plier	6-1/2 (165)	Straight	13/16 (20.5)	7/8 (22)	5	1-11/16 (43)	6 (170)
MT7	Multi-Track Plier	8 (200)	Straight	1-1/8 (28.5)	1-1/2 (38)	4	1-9/16 (40)	13 (358)
MT10	Multi-Track Plier	10 (250)	V-Jaw	1-3/8 (35)	2 (51)	7	1-3/16 (56)	15 (431)
MT12	Multi-Track Plier	12 (300)	V-Jaw	1-1/2 (38)	2-1/4 (57)	7	1-11/16 (43)	29 (807)

Jobsite Essentials

- ***Tape Measures***
- ***Rules***
- ***Measuring Wheels***
- ***Squares***
- ***Levels***
- ***Tube Benders***
- ***Hex Key Sets***
- ***Drill Bit Holder***
- ***Andy Snips***
- ***Tool Totes***
- ***Electrical Pliers***
- ***Beast Shingle Removers***
- ***Magnetic Sweep***
- ***Caulking Guns***
- ***Laminate Flooring Gullotine***
- ***Utility Knives***
- ***Natural Roofing Slate Tools***



***Essential tools
designed to make
your job easier.***

Magnetic!

Tape Measures

Malco's "Magnetic Tip" tape measure is ideal for every ferrous metal working project! A powerful magnet and self-supporting 1 in. wide blade makes one-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, rubber-clad housing, and blade stop ensure lasting performance.

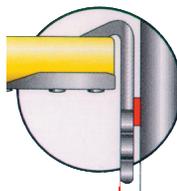


Powerful magnets!



Ideal for working with metal!

Zero commencement: when hanging and pulling magnet, deduct 1/16 in. from measurement.



Non-Magnetic Tape Measures

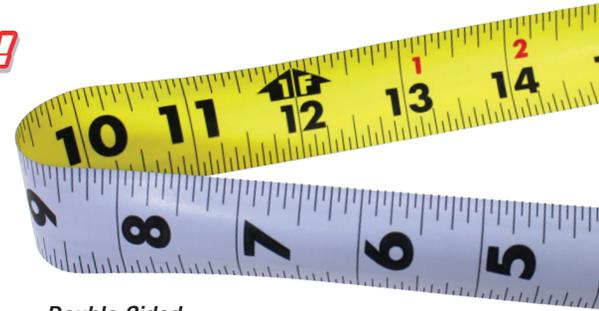
- Non-magnetic 1 in. tape measures
- Double riveted tip connection
- Rubber-clad housing



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

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

**Work Faster
and Easier,
with Greater
Efficiency**



Double Sided

- Note measurements on the large writable surface. Use a common “pencil only” for writing.
- Tape measure includes 2 carpenter pencils. You supply the thumb or pants as eraser.
- Long-life, nylon coated blade protects high visibility inch graduations and wall stud increments
- Double sided blade allows convenient orientation of case around obstacles.
- Positive slide lock prevents blade creep.
- Optional reading from back side of blade, with curve face down for easier locating and marking.
- T425WM is Magnetic Tipped and blade is self-supporting up to 9 feet (2.75 m).

Catalog Number	Description	Net Wt. Oz. (g)
T425WM	1 in. x 25 ft. Measuring Tape, Writable, Magnetic	19 (527)



48AR

Aluminum Straight Edge Rule



Made from .125 thickness extruded aluminum. This 48 in. rule is 2 in. 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.

48BS Semi-Flexible

Tinner's Circumference Rules



48CR Heavy Duty



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 in. increments both sides. Rules are 48 in. long x 1-1/4 in. wide.

Distance Measuring Wheels

Ergonomic pistol grip offers greater comfort and less wrist fatigue.

10 in. MW10

Popular 10-inch wheel with versatile folding handle for compact storage.

Telescoping



19 in. MW19

For accurate measurements in most outdoor conditions



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



Both wheel measures feature 5-Digit counters that read up to 10,000 ft.



Applications include: fencing, paving, landscaping, grounds maintenance, irrigation, surveying and estimating.

- Comfortable pistol-grip handle
- Twist and lock telescoping handle shaft
- Polyvinyl tread for improved traction
- Kickstand molded into counter-housing

Catalog Number	Description	Upper Scale Graduations (in.)	Lower Scale Graduations	Graduations (in.)	Net Weight lbs. (oz)
48AR	48 in. Straight Edge	—	—	Increments to 1/16	1 (16)
48BS	48 in. Tinner's Circumference Rule (Semi-Flexible)	Increments to 1/16 both sides	150 circumference inches in 1/8 in. increments both sides	—	—
48CR	48 in. Tinner's Circumference Rule (Heavy-Duty)	Increments to 1/16 both sides	150 circumference inches in 1/8 in. increments both sides	—	—

Catalog Number	Description	Wheel Diameter in. (mm)	Wheel Circumference in. (cm)	Storage Length in. (mm)	Collapsed Length in. (mm)	Extended Length in. (cm)	Net Weight lbs. (kg)
MW10	10 in. Diameter Measuring Wheel	10 (254)	31.42 (79.8)	—	22 (55.9)	37 (94)	2.10 (0.95)
MW19	19 in. Diameter Measuring Wheel	19 (483)	60 (152.4)	29 (73.7)	—	41.8 (106)	3.64 (1.65)



SCS12
12 in. with solid mounted vial

Precision Multi-Use Combination Square

Use as a tri or miter square, height or depth gauge, or for striking parallel or right angle lines. A full view vial allows easy leveling or plumb work!

- 1/8-in., 1/16-in., 1/32-in., cm and mm graduations are permanently etched in stainless steel blade.
- Heavy-duty aluminum anvil has self-adjusting draw bolt for easy adjustment and set-up.
- Hardened steel scribe for making clean markings and lines stored in anvil.
- Precision-machined surfaces ensure accuracy.



L9

Professional Grade Aluminum Torpedo Level

- Professional grade solid aluminum frame.
- Three easy-read vials with white surrounds.
- V-grooved working edge for use on pipe and conduit.



L9M

Magnetic Aluminum Torpedo Level with Superior Holding Power!

- Full length magnetic strip.
- Professional grade solid aluminum frame.
- Three easy-read vials with white surrounds.
- V-grooved working edge for use on pipe and conduit.



Magnetic!

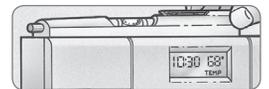


Magnetic!

L5

Magnetic Tip Pocket Level

- Strong Magnetic pick-up tip.
- V-Grooved edge fits pipe and conduit.
- Use to check electrical boxes and thermostats
- Durable plastic molded frame.



Catalog Number	Description in. (mm)	Line Length		Net Weight
		Number of Vials	oz. (g)	
L5	Pocket Level with Magnetic Tip	5 (127)	1	—
L9	9 in. Top Reading Torpedo Level	9 (229)	3	—
L9M	9 in. Top Reading Torpedo Level with Magnetic Base	9 (229)	3	—
SCS12	12 in. with solid mounted vial	—	—	12 (340)

Plumbers Roll



AC310
Brown cloth closed coat,
120 grit alum. oxide.

Abrasive Mesh



Actual Size of Weave

AC5M

Abrasive cloth specifically designed 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.

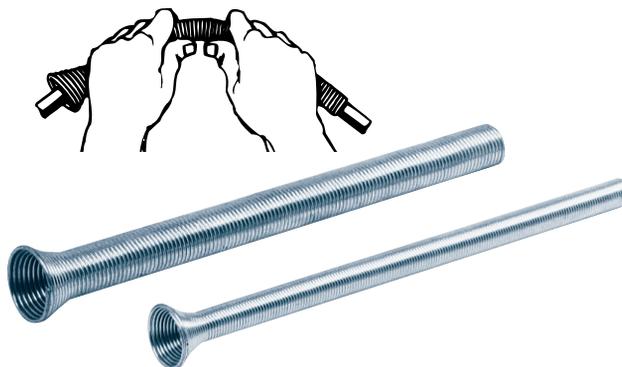
180 grit open mesh cleans with both sides,

requires only light pressure, lasts twice as long as cloth. Scrim is nylon weave. Waterproof adhesive bonding. Will not clog, load, or break down.

Fin Straightening Tools



Tube Benders



Fin straightening tools with adjustable nylon combs

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.

Versatile and economical spring-style tube benders

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 five convenient sizes can be used economically for many jobs.

Catalog Number	Description	Tubing Outside Diameter in. (mm)
AC310	1-1/2 in. x 10 yd. (38.1 mm x 9.14 m) brown roll	—
AC5M	1-1/2 in. x 5 yd. (38.1 mm x 4.57 m) mesh roll	—
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	—
TB1026	Tube Bender	3/8 (9.5)
TB1028	Tube Bender	1/2 (12.7)
TB1020	Tube Bender	5/8 (15.9)
TB1022	Tube Bender	3/4 (19.1)
TB102K	Tube Bender Kit (*SEE NOTE)	—

* TB102K tube bender kit is a five piece set including shown tube benders above plus 1/4 in. (6.4 mm) size.

Catalog Number	W19	W29	W45	W48
Description	Small Pocket	Deluxe Pocket	Large Sizes	Extra Long
Handle Length	3-5/8 in.	4-1/4 in.	5-1/4 in.	5-1/4 in.
Number of Keys	9	9	5	8
Hex Sizes - Width Across Flats (in.)				
	.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	—



Produced from tough alloy steel.

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

Flat spring holds keys in any work position.

Smooth zinc plated case can be used as handle for extra leverage.



Refrigeration Length Hex Keys

Available in 6 and 12 in. long series. Tough alloy steel with black oxide finish in clear storage tube.



W6
9 Piece Set
6 in. Length



Ball Tip Wrench Set WBL12S

Two tools in one! Standard hex end for maximum torque. Ball end for angles. Tough alloy steel. Black oxide finish.



Cushioned Gripped Hex Key Sets

Big 6 and 9 inch sets consist of 8 sizes: 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, and 1/4 in.

WT6SG
6 in. Long "T" Handle Keys
8 Sizes (3/32 - 1/4 in.)

WT9SG
9 in. Long "T" Handle Keys
8 Sizes (3/32 - 1/4 in.)

- WT618G 1/8" T-Hex Key 6 in. long. Individual
- WT918G 1/8" T-Hex Key 9 in. long. Individual
- WT6532G 5/32" T-Hex Key 6 in. long. Individual
- WT9532G 5/32" T-Hex Key 9 in. long. Individual
- WT6316G 3/16" T-Hex Key 6 in. long. Individual
- WT9316G 3/16" T-Hex Key 9 in. long. Individual

Catalog Number	Description
WBL12S	12 Piece Ball Tip Wrench Set
W19	9 Piece Hex Key Set (.050 - 3/16 in.)
W29	9 Piece Hex Key Set (5/64 - 1/4 in.)
W45	5 Piece Hex Key Set (3/16 - 3/8 in.)
W48	8 Piece Hex Key Set (3/32 - 1/4 in.)
W6	6 in. 9 sizes: 5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, and 1/4 in.
W12	12 in. 7 sizes: 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, and 1/4 in.
Individual "L" 12 in. Long Hex Keys	
W12532	12 in. Long hex key size 5/32 in.

Catalog Number	Description
WT6SG	6 in. Long T Handle Keys, 8 Sizes (3/32 - 1/4 in.)
Individual 6 in. Long Wrenches	
WT618G	1/8 in. T-Hex Key 6 in. long
WT6532G	5/32 in. T-Hex Key 6 in. long
WT6316G	3/16 in. T-Hex Key 6 in. long
Catalog Number	Description
WT9SG	9 in. Long T Handle Keys, 8 Sizes (3/32 - 1/4 in.)
Individual 9" Long Wrenches	
WT918G	1/8 in. T-Hex Key 9 in. long
WT9532G	5/32 in. T-Hex Key 9 in. long
WT9316G	3/16 in. T-Hex Key 9 in. long

Multiple Purpose Andy Snips



A lightweight 12 in. (31 cm) aluminum handled combination snip that possesses a big 3 in. (76 mm) cutting depth. Inset steel blades feature a knife like edge that produces a smooth slicing action for cutting thick or layered vinyl and a variety of other flexible non-ferrous materials.



MV12

Easily cut through Heavy vinyl siding lockseams and more with the Andy™ MV12 Snip!

Ultra Sharp High Carbon steel blades cut like a knife and are easily replaceable on the job!



Heavy Vinyl Siding



Aluminum Trim Coil



Landscape Edging



Vinyl Flooring



Carpet



Leather

Catalog Number	Description	Length of Cut in. (mm)	Tool Length in. (cm)	Net Wt. oz. (g)	Net Wt. lbs. (kg)
MV12	Non-Ferrous Andy™ Snip	3 (76.2)	12 (31)	20 (567)	—
Replacement Blades for MV12					
MV12RB	Carbon Steel Replacement Blades				

Driver Bit Pouch



PD1



Cordless drill and bits not included.

Tote Tray



1660

- Easily store up to four driver bits of varying sizes.
- Securely attaches to most corded or cordless drills.
- Stays away from drill operation and keeps your sightline intact.

Driver bit pouch fits cordless or corded drills. Elastic slots allow user to conveniently store up to four 1/4 in shank bits on the drill. Durable elastic bands easily loop around motor housing to securely hold the durable 600 x 600 thread synthetic fabric pouch flush in place.



This heavy duty, crush proof tote tray is 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 bite into palm of hand.

Catalog Number	Description	Nominal Dimensions (L x W x H)	Dimensions (L x H)	Net Weight oz. (g)	Net Weight lbs. (kg)
PD1 EV	Driver Bit Pouch	—	9.5 x 3	.48 (.85)	—
1660	Tote Tray	15 x 10 x 4-1/2 (38 x 25 x 11)	—		1.75 (0.79)

Electrical Pliers

PC9



Up Front Crimping Action
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.

WSC8



Cutter / Stripper / Crimper
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.

WSC1S



Combination AWG-Metric



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

Catalog Number	Description	Capacities AWG	Capacities Metric (mm)	Capacities Bolt	Capacities Cutting	Crimping Gauge	Stripping Gauge	O/A Length in. (mm)	Net Weight oz. (g)
PC9	Electrical Pliers	—	—	4-40 / 6-32	8-32 / 10-32 / 10-24	22-10 ga.	22-10 ga.	8-3/4 (222)	7 (198)
WSC8	Electrical Pliers Cutter / Stripper / Crimper	—	—	4-40 / 5-40 / 6-32	8-32 / 10-32 / 10-24	22-10 ga.	22-10 ga.	8-1/4 (210)	8 (226)
WSC1S	Electrical Pliers Combination AWG-Metric	20-10 ga.	.080-2.60	—	—	—	—	6 (152)	4 (113)

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	Description	Nominal Overall Length (in.)	Bit Dia. (in.)	Shank Dia. (in.)
RP01	Carbide Tipped Rotary Bit	3	1/8	1/8
RP04	Carbide Tipped Rotary Bit	3-5/16	3/16	3/16
RP09	Carbide Tipped Rotary Bit	4	1/4	1/4
RP10	Carbide Tipped Rotary Bit	6	1/4	1/4
RP18	Carbide Tipped Rotary Bit	4-3/4	5/16	5/16
RP46	Carbide Tipped Rotary Bit	6	1/2	3/8

Spade Type Wood Bits



WB6K
Wood Bit Kit

Uniquely 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 in. shanks fit securely in conventional chucks. Easy to spot "size marking" is stamped on head. Resharpenable with saw file or grinder. Available individually or in sets.

Catalog Number	Description	Diameter in.	Overall Length in. (mm)	Shank Dia. in.
WB38	Spade Type Wood Bit	3/8	3/8	1/4
WB12	Spade Type Wood Bit	1/2	1/2	1/4
WB58	Spade Type Wood Bit	5/8	5/8	1/4
WB34	Spade Type Wood Bit	3/4	3/4	1/4
WB78	Spade Type Wood Bit	7/8	7/8	1/4
WB1	Spade Type Wood Bit	1	1	1/4
WB118	Spade Type Wood Bit	1-1/8	1-1/8	1/4
WB114	Spade Type Wood Bit	1-1/4	1-1/4	1/4
WB112	Spade Type Wood Bit	1-1/2	1-1/2	1/4
WB6K	6 piece set: 3/8, 1/2, 5/8, 3/4, 7/8, and 1 in.			

Guillotine Shear for Laminate Flooring

Quickly make square cuts in 5/16 in. (8 mm) laminate flooring.

A large stable plate with board stop supports ensure square, straight cuts up to 8-1/4 in. (210 mm) long.



- No noisy operation
- No sharpening required
- Optimum leverage reduces fatigue
- Durable lightweight frame and high leverage design offer long service life, easy handling & smooth cutting operation
- Cuts cleanly without distortion
- Generates minimal dust

Utility Caulking Gun



CG10

Flexible / Lightweight Caulking Gun



CG12

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

Easy Dispensing Caulking Gun

Designed for longer dispensing life



Includes puncture wire

CG18

Trigger adjustment screw compensates for normal wear to assure full dispensing stroke and extend tool life. Rotating barrel for maneuverability and easy caulk placement.

Professional Caulking Gun

Square Piston Design



CG20

Minimizes worker fatigue. User can regulate stroke to fit hand. Handy puncture wire folds inside handle.

Catalog Number	Description	Application	Cartridge Capacity	Cartridge Diameter	Length in. (mm)	Net Wt. oz. (g)	Net Wt. lbs. (kg)
CG10	Utility Caulking Gun	—	1/10 gallon	2 (51)	8-1/2 (216)	17 (482)	—
CG12	Flexible / Lightweight Caulking Gun	—	1/10 gallon	2 (51)	8-1/2 (216)	25 (709)	—
CG18	Versatile, Easy Dispensing Caulking Gun	—	1/10 gallon	2 (51)	8-1/2 (216)	28 (794)	—
CG20	Utility Caulking Gun	—	1/10 gallon	2 (51)	8-1/2 (216)	28 (794)	—
FCC6	Laminate Flooring Guillotine	Laminate Flooring	—	—	—	—	22 (9.98)

Break-Away Knife

BAK



Positive blade locking mechanism and a forever-sharp break-away point. Supplied with 1 BAKRB blade in handle.



BAKRB (10 pack)
7 Point heavy duty break-away blades for model No. BAK.

Quick Open Knife

9PK



"No tools" blade change is fast and easy with just a turn of the knob. Extra blades store in handle. Retractable blade advances to three 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.



Twist knob to open



Displayed Open

Top Button Action

4PK



Die-cast heavy duty model comes complete with three 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.



UBS5 (5 pack)
UBS50 (50 pack)



UBH5 (5 pack)

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

Double Point Utility Blades

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.

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



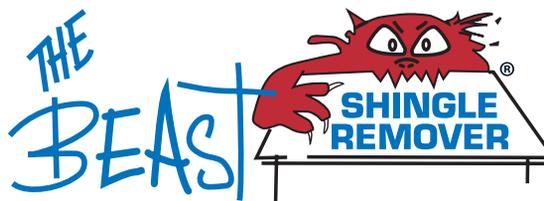
Replacement Blades

Catalog Number	Description
BAK	7 Point Break-Away Knife
4PK	3 Position Utility Knife (top button)
9PK	Quick Open Utility Knife

Catalog Number	Description
BAKRB	Break Away Blades (10 pack, 7 points)
UBS5	Straight Double Point Blades (5 pack carded)
UBS50	Straight Double Point Blades (50 pack dispenser)
UBH5	Hook Point Blades (5 pack carded)



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 in. (1.22 m) or 58 in. (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.

SB48
Steel Handle
48 in. (1.22 m)

SB48A
Fiberglass Handle
48 in. (1.22 m)

Three position adjustable head makes the SB48A ideal for handling any roof pitch.



Position 1



Position 2



Position 3



For steep pitched roof caps and hard to get at dormers, overhangs, valley flashing, and flashing around structures, the "Baby" BEAST is indispensable. This 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.

SB24

Durable Cushion Grip

One-Piece Steel Construction

Beveled Side Slots

Catalog Number	Description	Head	Tool Length in. (m)	Handle	Net Wt. lbs. (kg)	Replacement Blade	Replacement Handle
SB48	48" Fixed Head Shingle Remover	Fixed	48 (1.22)	Steel	6.90 (3.13)	SBRB	—
SB48A	48" Adjustable Head Shingle Remover	Adjustable	48 (1.22)	Fiberglass	7.10 (3.22)	SBRB	SB48ARH
SB58A	58" Adjustable Head Shingle Remover	Adjustable	58 (1.47)	Fiberglass	7.80 (3.54)	SBRB	—
SB24	24" Fixed Head Short Handled Shingle Remover	Fixed	24 (0.61)	Steel	2.80 (1.27)	—	—

Magnetic!
MS12



Powerful magnetic surface efficiently picks up debris.



Quick release sleeve allows debris to be easily removed.



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.

Catalog Number	Description	Tool Length. in. (cm.)	Net Wt. lbs. (kg)
MS12	Hand Held Magnetic Sweep	34-1/2 (88)	5.0 (2.27)
Replacement Parts			
MS12RK	MS12 Magnets		
MS12RS	MS12 Replacement Sleeve		

Rock Solid Solutions for Natural Roofing Slate

Slate Cutter



Traditional hand cut look.
Serrated upper jaw grips backside of slate for controlled non-slip cutting.



The blade of this precision hand tool accurately navigates edge cuts, cleanly notches out square corners, or cuts circle diameters as tight as 4 inches (102 mm). With the flat, unfinished side of the slate facing up, the tool's serrated, high carbon steel blade securely grips the unfinished surface to make a desirable chiseled cut look from the finished side of 4 - 8 mm natural roofing slate. Hardened all-steel construction with rust-resistant nickel plate and black oxide finishes ensures long service life.



NSC1 EV

Slate Punch



Clean recessed nail holes (as shown)



The NSP1 EV slate punch produces a clean, recessed nail hole in 4 - 8 mm natural roofing slate. A big 2-1/2-inch (63 mm) throat depth allows convenient placement of the punch tip on the flat, unfinished side of the slate to create a desirable nail hole recess on the natural finished side as it punches through. Hardened all-steel construction with rust-resistant nickel plate and black oxide finishes ensures long service. The tool steel punch component is also replaceable.



NSP1 EV

Catalog Number	Description	Cutting Capacity Natural Roofing Slate	Tool Length in. (mm)	Net Wt. oz. (g)
NSC1 EV	Slate Cutter	4 - 8 mm	8-3/4 (222)	14 (397)
NSP1 EV	Slate Punch	4 - 8 mm	9-1/2 (241)	23 (652)
Replacement Parts				
NSP1RP EV	Replacement Punch for NSP1 EV			

30% Easier!



SCSRC1



Compound leverage and a generous handle length reduce user cutting force up to 30% versus other guillotine style cutters that pose a challenge to even the most seasoned pros. A large table surface allows sure handed control and prevents damage to the work-piece. The table's "feed-thru" design also allows long angle cuts for roof hips and valleys. The steel shingle, including lock seam, is cut in an easy, steady motion. The shearing action has a "wiping" effect on the shingle's zinc coating that seals cut edge to resist rust.



Reversible Cutting Edges on hardened steel blade and die offer twice the cutting life, prior to sharpening. Blade and die are also easily replaceable!



With blade lock-pin in place, this cutter is safe to carry on to the job site.



Sturdy frame with two different length leg tubes provides working table height options of 21-1/4 or 29-1/4 inches.

Catalog Number	Description	Cutting Application	Adjustable Table Heights in. (mm)	Net Weight lbs. (kg)	Replacement Blade and Die Set
SCSRC1	Stone Coated Steel Roofing Cutter	Stone Coated Steel Roofing Shingles	21-1/4 — 29-1/4 (540 — 743)	70 (32) SCSRC1RB	

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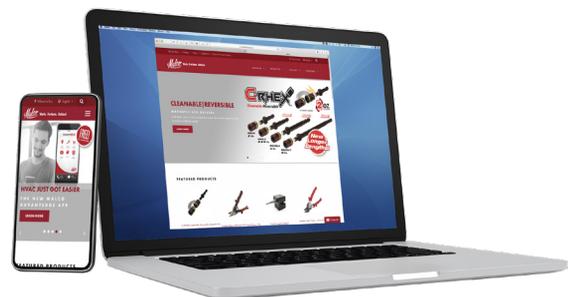
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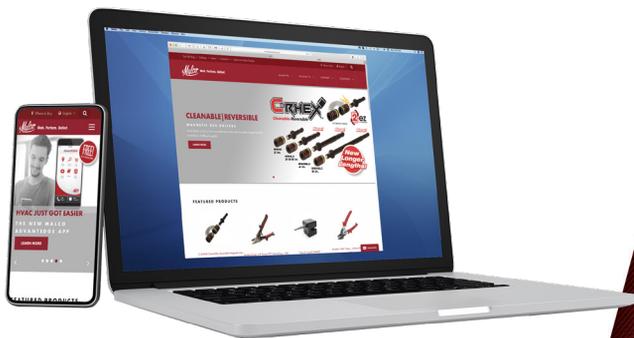
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