

MALCO

Fasteners

Screws: Bit-Tip



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.

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

Mfg Part No	Screw #	Head Type	Screw Size (in)	Driver Size (in)	Material Thickness
BT131	#2	HW	8-18 x 1/2	1/4	.035-.100
BT132	#2	HW	8-18 x 5/8	1/4	.035-.100
BT133	#2	HW	8-18 x 3/4	1/4	.035-.100
BT134	#2	HW	8-18 x 1	1/4	.035-.100
BT231	#2	HS	8-18 x 1/2	1/4	.035-.100
BT233	#2	HS	8-18 x 3/4	1/4	.035-.100
BT234	#2	HS	8-18 x 1	1/4	.035-.100
BT141	#2	HW	10-16 x 1/2	5/16	.035-.100
BT142	#3	HW	10-16 x 5/8	5/16	.110-.175
BT143	#3	HW	10-16 x 3/4	5/16	.110-.175
BT144	#3	HW	10-16 x 1	5/16	.110-.175
BT145	#3	HW	10-16 x 1-1/4	5/16	.110-.175
BT153	#3	HW	10-24 x 3/4	5/16	.110-.175
BT154	#3	HW	10-24 x 1	5/16	.110-.175
BT156	#3	HW	10-24 x 1-1/2	5/16	.110-.175
BT163	#3	HW	12-14 x 3/4	5/16	.110-.210
BT164	#3	HW	12-14 x 1	5/16	.110-.210
BT166	#3	HW	12-14 x 1-1/2	5/16	.110-.210
BT174	#3	HW	1/4-14 x 1	3/8	.110-.220
BT464	#3	HB	12-14 x 1	5/16	.110-.210
BT466	#3	HB	12-14 x 1-1/2	5/16	.110-.210
BT474	#3	HB	1/4-14 x 1	3/8	.110-.220

Fasteners

Screws: Zip-In



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 is formed down to the very tip of the point and is the source of Zip-In's® penetrating power. A second thread

above the point engages after initial penetration and drills in the screw double fast. Zip-In® screws are faster driving, with a greater capacity for fastening heavier gauges of sheet metal than any other self-piercing type.

Mfg Part No	Head Size (in)	Description
HW6x3/8Z	1/4	
HW7x1/2Z	1/4	
HW8x1/2Z	1/4	
HW8x3/4Z	1/4	
HW8x1Z	1/4	
HW8x1-1/2Z	1/4	
HW8x2Z	1/4	
HW10x1/2Z	1/4	
HW10x3/4Z	1/4	
HW10x1Z	1/4	
HW8x1-1/2ZW	1/4	White painted screws
HW8x2ZW	1/4	White painted screws

Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
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Buffalo, NY	716-853-1291	Utica, NY	315-732-4077	Erie, PA	814-459-4559	Wilkes-Barre, PA	570-824-8779
Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606

Fiberglass Duct Knives

Duct Knives



Use as an aid in fabricating fiberglass duct. Long life, double edge blade facilitates easy piercing for inside cuts. A double edge also ideal for tapping into and trimming flex duct. Re-sharpenable. Available with either ergonomic cushioned or comfortable walnut wood handles.

Serrated edge on Model DK6S aids cutting "Flex" fiberglass wool duct.

Mfg Part No	Description	Blade Length (in)
DK1		6
DK6	Cushioned gripped	6
DK6S	Cushioned gripped (serrated)	6

Fiberglass Ductboard Tools

FasGroov Shiplap Knives: 1"



Single Blade Knives for 1" (25 mm) are safer to use with comfortable molded handles. Male and Female Shiplap Knives can be used on closed duct sections. Duct Knife features a rounded scoring edge to cut fiberglass without tearing skin.

Mfg Part No	Description	Size	Handle Color
FGF	Female Knife	1"	Green
FGM	Male Knife	1"	Blue
FGK	Duct Knife	1 - 1-1/2"	Black

Hole Cutter: Fiberglass Duct



Supplied with standard double point utility knife blade for cutting 1 inch board. Use special No. KBHC blade for 1 1/2" ductboard. Cuts 4" to 20" diameter holes in fiberglass ductboard. Operation is fast and easy. Cutter rotates counter clockwise on a center pivot punch. Durable extruded aluminum frame and engineering grade molded plastic and nylon components. Blade holder stores in body for safety and to protect blade from damage when not in use.

Features

- 1" board can use standard utility knives blades.
- Components can be protected when not in use.
- Heavy Duty Components

MfgPart No	Description	Hole Diameter (in)
FG1	7.5 (213)	4 to 20 (102 to 508)

Fiberglass Flex Duct Tools

Flex Duct 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. Finely

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.

Mfg Part No	Description	Length (in)	Weight (oz)
FDC1	Flex Duct Cutter	11 7/8	11

Flex Duct Tool



The versatile, new FDC3 Flex Duct Tool from Malco is actually three tools in one! The finely honed double-edged knife blade cleanly pierces through the outer skin, insulation and liner construction of flexible round duct and cuts in either direction. A thumb-operated latch opens the tool's compound-leverage handles and the jaws of a built-in wire cutter to easily sever the exposed wire coil of duct liner.

Use the tool's tie-tensioning mechanism to install a nylon tie strap and secure the flex duct to the take-off collar. With the handles of the FDC3 in the open position, a nylon tie can be threaded through the mechanism and then tightened by gently pumping the tool's handles. Use the wire cutter to trim excess tie strap tail.

Trimming and installing flexible round duct is now as easy as one-two-three with Malco's FDC3 multi-purpose Flex Duct Tool.

Mfg Part No	Length (in)	Weight (oz)	Description
FDC3	11 7/8	14	Multi purpose flex duct tool

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Fiberglass Flex Duct Tools

Tensioning Tool: Manual Cut-Off



These rugged lever action tie tools feature a unique notched gripper to grab nylon strap. 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 175 pound tensile strength ties.

Features

- Manual cut off lever
- Vinyl Cushion Grips with hand stops

Mfg Part No	Description	Length (in)	Wt (oz)
TY4	Manual Cut Off Tile Tool	6	10
TY4G	Manual Cut-Off Tile Tool /Gripped	6	11

Tensioning Tool: Adjustable, High Leverage



For continuous use on-the-job. The TY6 Tensioning Tool is designed for a the heavy user of nylon ties. An adjustment knob allows installer to set desired tension for securing flex duct to a take-off collar. DO NOT OVERTIGHTEN. Adjust knob only with fingers. When the preset tension is achieved, a breakaway spring mechanism releases the tool's lower

handle, causing the blade to engage and automatically flush cut off the excess tail of the nylon tie. No extra operation for manual trimming is required. Nylon tie installation is fast and easy with the TY6. Works on all 175 pound tensile strength ties.

Mfg Part No	Description	Length (in)	Weight (oz)
TY6	High Leverage Tie Tool	8 1/2	15

Hand Drivers

Hex Drivers: Magnetic



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

Mfg Part No	Hex Opening (in)	Shank Dia (in)	Nose Dia (in)	Handle Color	Length (in)	Description
HHD1S	1/4	1/4	3/8	red	7 1/4	Standard Magnetic Hex Driver
HHD2S	5/16	1/4	7/16	amber	7 1/4	Standard Magnetic Hex Driver
HHD1	1/4	5/16	7/16	red	10 1/8	Long Magnetic Hex Driver
HHD2	5/16	5/16	1/2	amber	10 1/8	Long Magnetic Hex Driver

Knives

Utility Knife: Side Button Action



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

Mfg Part No	Description
3PK	3 position utility knife

Metal Duct Tools & Accessories

Hand Notchers



Fast and easy cutting. Notcher makes a clean 30° "V" shaped cut in sheet metal. 13/16" maximum throat depth. Upper cutting jaw is drop forged high impact alloy steel. Hook design of cutting jaw facilitates

notching corners or take-off tabs to desired depth without slipping. Rust resistant nickel plate and black oxide finishes. Tool also features vinyl grips with hand stops for added comfort and resistance to elements.

Mfg Part No	Throat Depth (in)	Cutting Angle	Length (in)	Weight (oz)
N1	13/16	30	8	16

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Metal Duct Tools & Accessories

Duct Stretcher



Use the Duct Stretcher to hold duct in place with one hand while slipping drive cleat in place with other hand. Low profile, duct stretchers are 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. Ducts stretchers are available in straight body model DS1, or offset model DS2.

Mfg Part No	Description	Length (in)	Weight (oz)
DS1	Duct Stretcher	16	12
DS2	Duct Stretcher	16	12
DS1C	Replacement wheels, nuts and screws		

Pipe Crimper: 3 Blade



Description
Ideal for crimping heavy 22 and 24 gauge sheet metal. Nickel plating and vinyl grips.

- Features**
- Carbon Steel Blades
 - Superior compound leverage mechanism
 - Comfortable opening, spring-actuated handles, and vinyl cushioned grips
 - Nickel plating resists elements

Mfg Part No	Throat Depth (in)	Length (in)	Wt (oz)
SC3	1-1/4	9	14

Pipe Crimper: 5 Blade Fasteners



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

Mfg Part No	Description	Throat Depth (in)	Length (in)	Weight (oz)
C5	Pipe Crimper: 5 Blade	1 5/8	9 5/8	17

Power Drivers

Power Bits

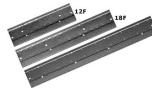


1/4" Hex Shank

Mfg Part No	Hex Opening (in)	Shank Dia (in)	Nose Dia (in)	Length (in)	Description
MSH14	1/4	1/4	7/16	1-3/4	Magnetic Hex Driver
MSH516	5/16	1/4	1/2	1-3/4	Magnetic Hex Driver
MSHL14	1/4	1/4	7/16	2-9/16	Magnetic Hex Driver - Long Style
MSHL516	5/16	1/4	1/2	2-9/16	Magnetic Hex Driver - Long Style

Seamers, Folding Tools & Mini Brake

Folding Tools



Folding seams are formed from two steel halves, permanently joined together, to create a versatile tool for both HVAC and siding applications. Handy sight holes assure proper depth alignment. Also available is 3/8" and 1/2" folding depths.

Mfg Part No	Folding Depth (in)	Width (in)	Weight (oz)
12F	3/8, 1	12	20
18F	3/8, 1	18	31
24F	3/8, 1	24	42
8	3/8, 1/2	8	12
12	3/8, 1/2	12	18

Hand Seamers: Forged Steel Jaws



Precise vee-notched depth graduations on jaws are in 1/4" increments. Jaws are drop forged, high impact steel. Hardened steel handles resist abuse. Powerful compound leverage design. Tool also features rust

resistant nickel plating. Non-slip vinyl grips with hand stops provide added comfort and resistance to elements

Mfg Part No	Description	Depth (in)	Width (in)	Length (in)	Weight (oz)
S2	Forged steel jaws - 3"	1.25	3.25	8	24
S3	Forged steel jaws - 3" offset	1.25	3.25	8	24
S6	Forged steel jaws - 6"	1.25	6	8	30

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Shear/Cutter Accessories

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Hole Cutters



Malco Hole Cutters adjust for making 2 to 20 inch holes in galvanized sheet metal. The large capacity model HC2 cuts a full 2 inch to 20 inch range while the more compact HC1 cuts a maximum 12 inch diameter. Both Hole Cutters install into a standard electric drill as small as 1/4" and

use the same No. CB mill type cutting bit. Malco Hole Cutters store easily in a tool box and feature lightweight aluminum frames and high speed bearings at top and bottom of drill shaft to assure perfect cutting balance and long cutting life.

Mfg Part No	Description	Hole Diameter (in)	Weight (oz)
HC1	Hole Cutter 1	2-12	16
HC2	Hole Cutter 2	2-20	22
CB	Replacement Part - Cutter Bit		

TurboShear



The time-saving TurboShear Model No. TS1 inserts directly into the chuck of a standard 1200 rpm A/C or cordless drill. It's that easy to convert your power drill to a power shears! This rugged but inexpressive accessory cuts straight and to the left and is capable of navigating tight curved patterns and squares in heavy 20-gauge galvanized steel. Blind cuts require only a 1/2 inch starting hole. Cutting applications include ferrous and non-ferrous sheet metals, metal roofing/building panels,

vinyl, steel mesh, ductwork, even the thick metal of furnace jackets, equipment enclosures or automotive body panels. An offset design keeps both hands away from work surface. Long-wearing hardened jaws are also replaceable.

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

Mfg Part No	Description	Weight (oz)
TS1	TurboShear	26
TSDC	Drill Clamp	8
TS1RB	Replacement blades	

Snips: For Metal and Vinyl

Aluminum Handled Snips: Andy 12"



Sleek styling, easy blade replacement and larger handles make the Andy™ Snip more versatile. A sleek head design improves maneuverability. The slim nose is ideal for making cuts in tight material, shapes such as J-Channel, and new extended blade tips reach all the way into corners. A full 3" cutting length makes straight shearing with the Malco Andy™ Snip fast and easy. Enhanced blade edges are precision

ground and surface finished for smooth cutting in all types of applications. Blade replacement is easily accomplished in the field with just the use of a wrench or nut driver to remove the snip's pivot bolt and insert all-new pressure-fit blades. The wider, thicker loops are 1/2" longer for added comfort and provide up to 10% more input leverage.

Mfg Part No	Length Of Cut (in)	Tool Length (in)	Description
M12N	3.00	12.00	Andy 12" pattern
MC12N	3.00	12.00	Andy 12" combination

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