



Dear Malco Customer,

First and foremost, on behalf of the entire Malco Products company, I'd like to extend a giant "Thank You" to First and toreings, or belian of the search following to have been with us from the beginning back in the all of you for your patronage over the years. Some of you have been with us from the beginning back in the all or you for your partitings over the years again, but we could not have developed into the company we are today without all of you. We're proud of what we've become at Malco, from a tiny startup company that are today without all or you. We're product or what we've become at malco, from a tiny startup company that worked out of a garage in Minneapolis to our headquarters in Annandale, Minnesota, where we serve trade professionals in the United States and around the globe.

Our longstanding traditions of quality and innovation are our hallmark and we strive every day to live up to those traditions to continue to serve you. Malco Products is now the nation's leading manufacturer of "tools of the trade" for HVAC professionals and also a prominent manufacturer of trade tools for roofing,

Malco excels at understanding industry's ever-changing workplace needs, and workforce demographics, as it affects a tool's hand fit and weight. Our formal research and development process, and award-winning product design team, are validated by a knowledgeable network of established sales representatives, broad-based distribution and a vast population of industry technicians and educator end users. The result is a steady stream of innovative and dependable products every month, every year! Malco product introductions are typically specialized by industry and are one of a kind.

Our early product line of crimpers, seamers, notchers and punches have since been joined by hundreds of other specialty tools. Malco is still known for regularly introducing new hand tool designs and modifications for the market. Simply put, Malco continues its founder's tradition of leadership and innovation by addressing a changing industry landscape and responding to emerging market needs for new specializations and more

We manufacture work saving products that make the tough jobs easier. At Malco we've always told you customized products and services. that our success has stemmed from our innovation and our quality of products. We stand behind those claims with our lifetime limited warranty. As a ESOP (Employee Stock Ownership Plan) company, it's in all of our best interests here at Malco to continue to deliver the highest quality products.

We here at Malco wish you nothing but success in your professional pursuits and hope that we can continue to satisfy you with our innovations and improvements. We look forward to continuing our success story with the hope that our closest look and improvements. with the hope that our success leads to more wins for you, our customer. Once again, we thank you for your continued patronage and know that we are here to support your work, with performance-based tools that outlast our competition, Please enjoy this catalog!

markon Tuanlt

Mardon Quandt President / CEO Malco Products, SBC

Work. Perform. Outlast.

14080 State Hwy 55 NW • PO Box 400 • Annandale, MN 55302-0400 • Tel: (320) 274-8246 • Fax: (320) 274-2269

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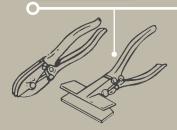
Reinventing Efficier

Mark Keymer founded Malco in 1950 and established a legacy of innovation, efficiency and quality. He retired in 1978. His family and Malco employee owners carry on his proven business approach today.

Early Malco Tool Schools are conducted by Malco Founder, Mark Kevmer.



1970's



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



Zip-In screws are an industry changing success.

Operations move from Minneapolis, MN to Annandale, MN.



full-line displays and self service concept.



Redline Handles added to legendary compound leverage tools.

Inventors Hall of Fame

ownership



Demand for Max2000 Snips creates waiting lists at dealers. Website launched.





Mark Keymer, Malco's Founder 2007 Minnesota Inventors Hall of Fame



	Letter to our Customers2	Notchers41	
	History2-3	Zinc and Forged Seamers42	
	NEW and Innovative Tools6-8	Seamers and Tongs43	
	Backpack and Tool Bag9	Mini-Brake44	
Die.	Tool Kits10	Pan Style Mini-Brake45	
	Custom Kits11	Duct Stretchers & Holders46-	-47
STATE OF THE PARTY	Zip-In® Self-Piercing Sheet Metal Screws 12-13	Folding Tools48	
CHARLE OF	Bit-Tip® Drill and Tap Screws14-15	Dampers49	
	TurboShear® Drill Attachments16-21, 27	4IN1 Nut Driver50	
	TurboShear® Double Cut Shears19, 25	CONNEXT® Kits / Tools & Fasteners51-	-55
CAR .	TurboShear® Pneumatic Tools22-26	NEW Cleanable Driver / Impact Drivers56-	-57
	Original TurboShear / 16 ga. TurboShear27	Step Drills58	
	Power Assisted Hole Cutters & Bits30-31	Mark and Scribe Tools59	
	NEW TurboCrimper® Impact32	Hammers and Duct Ripper60-	-61
201	Power Assisted Crimpers32-33	Drywall / Ceiling Tools62,	, 64-65
Rope	Andy® Snips34-35	Metal Roofing Tools63	
die	Max2000® / Max2000® Classic Aviation Snips 36-37	Reciprocating Saw Blades66-	-67
A. T.	AV's® Mini Aviation Snips38	Gutter and Downspout Tools68-	-71
	AV's® Aviation Snips38	NEW Gutter Screw Guide69	
8	Ultra Lightweight Snips - METAL39	Blind Rivets and Washers72	
	Crimpers40	Riveter73	
	Limited Lifetime Werner	4. ,	

Limited Lifetime Warranty





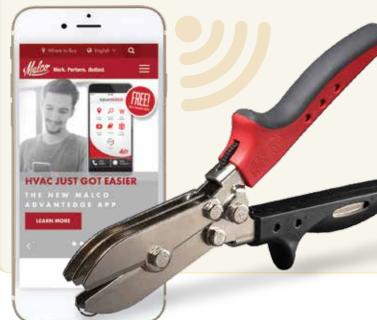


Computer, Tablet or Smart Phone?

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.

Go to www.malcotools.com or download the
AdvantEDGE app at http://advantedgeapp.com/ AdvantEDGE



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.

33 POCKET TOOL BACKPACK

Easily organize, protect and transport your tools in a 33-pocket Ballistic Nylon Malco Backpack.

- Seamless, impact-resistant molded polymer base and padded side walls protect tools from drop damage and water damage.
- Durable high-thread count 1690D Ballistic Nylon shell and heavy-duty zippers offer long service life.
- 33 duo-colored pockets and pouches plus one wide-opening side and a stand-up backside make it easy to organize and find tools.
- Padded and zippered exterior storage for cell phone and laptop/ tablet plus two expanding bi-fold side pockets.
- Comfortable, wide-padded shoulder straps and back pads help shoulder the load and save neck and back.



UV Resistant Nylon Ties

UL Listed and Made in the U.S.A.

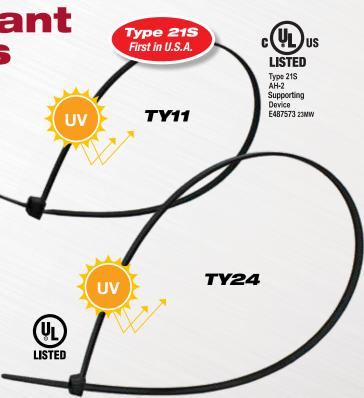
Extra Heavy-Duty and UV Resistant Nylon Ties. Malco is one of the first to offer TYPE 21S Tie!

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.

11 & 24 inch

(UL Type 215 - 11 inch, TY11 for HVAC Mini-Splits) and TY24, 24 inch ties for securing / bundling Automotive, Marine, Industrial Cable, Hose and Wire.







Cleanable, Reversible, **Magnetic Hex Driver**

This Double-Duty chuck driver with "Easy Clean Magnet," ensures that 1/4 in. & 5/16 in. hex drivers are always a flip away. With single piece strength, and an indestructible magnet, it's the Perfect System when paired with Legendary Malco Zip-in® and Bit-Tip® screws.





IMPACT GRADE Quick-Change Extension Bits





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

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.

BHE3 3 in. Length

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).





Convenient Top

Mobile Phone &

Laptop / Tablet

Two Bi-Fold

Pockets

Impact and Water

Resistant

Seamless

Base

Storage

Mounted Handle

TBP33

- Seamless, impact-resistant molded polymer base and padded side walls protect tools from drop damage and water damage.
- Durable high-thread count 1690D Ballistic Nylon shell and heavy-duty zippers offer long service life.
- 33 duo-colored pockets and pouches plus one wide-opening side and a stand-up backside make it easy to organize and find tools.
- Padded and zippered exterior storage for cell phone and laptop/tablet plus two expanding bi-fold side pockets.
- Comfortable, wide-padded shoulder straps and back pads help shoulder the load and save neck and back.

Catalog	Description	Nominal Dimensions	Net Weight
Number		(L x W x H) in. (cm)	Ibs. (kg)
TBP33	33 Pocket Backpack	15 x 7.5 x 20 (38 x 19 x 51)	6.05 (2.74)

Soft Sided Tool Bag

Rugged, heavyweight nylon tool bag organizes large and small 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 including cell phones and MP3 players! An easy grip, lock-tight web handle and generous padded shoulder strap make this stylishly engineered bag easy to tote and a welcome alternative to heavier steel tool boxes, less durable plastic trays and boxes or catch-all bucket pouches.

Catalog		Nominal Dimensions	Net Weight
Number	Description	(L x W x H) in. (cm)	lbs. (kg)
TB1	Rugged Nylon Tool Bag	17 x 8 x 8 (43 x 20 x 20)	4.5 (2.04)



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



Catalog No.	Description
C5R	Redline Pipe Crimper 5 Blade
SL1R	Redline Snap Lock Punch
N1R	Redline Hand Notcher
S2R	Redline Hand Seamer
12F	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



Catalog No.	Description
C5R	Redline Pipe Crimper 5 Blade
SL1R	Redline Snap Lock Punch
N1R	Redline Hand Notcher
S2R	Redline Hand Seamer
12F	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
BT143X	Bit-Tips 100 pack FREE
HC1	Hole Cutter 2-12 in.

- Tool Kits include a package card listing the kit contents you requested.
- Tools and packaging are supplied separated in tool bag for efficient
 packing and to avoid damage in shipment. Co-Branded Tool Packaging
 is also available subject to quantities and selection published in Malco's
 "Custom Crafted Packaging" brochure #SL13847. Add 3-Days to lead-time
 if including custom packaging with kit contents.
- 10% Discount on School Orders! Remember, all Malco Custom Kits that you sell for use by students are invoiced at the quoted price less 10%. Provide a copy of the school's purchase order to verify discount for passing along to school.
- 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.



Custom Kits

for Contractors & Trade Schools Now you can build a custom tool kit that reflects your unique market or classroom needs.

> Get 50% off TBP33 Backpack or TB1 Tool Bag when part of a custom kit.

Suggested Kits



HVAC



SH3	Setting Hammer	
DS2	Duct Stretcher	
HW8x1/2ZG	Zip-ins 100 Pack	
TS1	TurboShear	
НС1	Hole Cutter	
BT143X	Bit-Tips 100 pack	



Metal Roofing

TB1 Tool Bag or TBP33 Backpack	
DB1	Dead Blow Hammer
НС1	Hole Cutter, Sheet Metal
HP18KR	Hole Punch Kit
M14A	14 in. Alum. Straight Snip
M12NG	12 in. Alum. Straight Snip Gripped
M2006	Max 2000 Left Offset Cut

M2007	Max 2000 Right Offset Cut
N2R	Hand Notcher, 1in. Depth
S6R	6 in. Hand Seamer
SG11	Seamer & Tongs Offset Gripped
TSHD1A	TurboShear Heavy-Duty Pneumatic
18F	18″ Folding Tool 3/8 - 1 in.



Fiber Cement Siding

TB1 Tool	Bag or TBP33 Backpack	HF10
FCC3	Fiber Cement Hand Nibbler	TSF1
FCFG	Fiber Cement Facing Gauge	FCSR
FCG2	Fiber Cement Gauge Set of 2	HHA4
HF7	3 in. (76 mm) Carbide Tipped HS	

HF10	4-1/8 in. (105 mm) Carbide Tipped HS
TSF1	TurboShear Fiber Cement Siding
FCSR	Fiber Cement Snip
HHA4	Hole Saw Arbor and HSS Pilot Drill



Vinyl Siding

JCCR	J-Channel Cutter 5/8 in.
M2003	Max 2000 Combo Cut
MV12	Vinyl Snip
SD40	Sider Double 4 in.

SL5	Snap Lock Punch
SRT2	Siding Tool Straight Handle
TNP2S	Trim Nail Punch - Metal
9РК	Quick Open Utility Knife

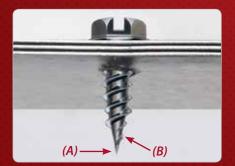
Self-Piercing

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.





1. Undercut-Indented Hex Washer Slotted Head

• Undercut - Always seats flush

2. Burr Free hex washer slotted head

- One 1/4 in. hex driver accommodates all 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.

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.



Look for the Dots! [®] Trademarked & Patented Head Markings indicate one and only genuine Zip-ins^{*}.

Zip-in®

Self-PiercingSheet Metal Screws

Specifications

Catalog				
Number	Description	Head Color	Head Size	Туре
Zip-in [®] Scre	ws			
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	O White (W)	1/4 in.	Slotted Hex
PO8x2ZW	Zip-in® Screw	O 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	0	White (W)	1/4 in.	Slotted Hex
HW7x1/2ZA	Sheet Metal Screw	0	Almond (A)	1/4 in.	Slotted Hex
HW7x1/2ZCC	Sheet Metal Screw	0	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	0	Royal Brown (RB)	1/4 in.	Slotted Hex
HW7x1/2ZW	Sheet Metal Screw	0	White (W)	1/4 in.	Slotted Hex
HW8x3/4ZRB	Sheet Metal Screw	0	Royal Brown (RB)	1/4 in.	Slotted Hex
HW8x3/4ZW	Sheet Metal Screw	0	White (W)	1/4 in.	Slotted Hex
HW8x1ZRB	Sheet Metal Screw	•	Royal Brown (RB)	1/4 in.	Slotted Hex
HW8x1ZW	Sheet Metal Screw	0	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 P	lastic 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 P	lastic Anchor Ki	ts with Slotted	Panhead Sc	rews	
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 P	lastic Anchor Ki	ts with Hex Wa	sher Head S	crews	
PA810KW	3/16 x 7/8 in.	HW8x1Z	_	3/16 in.	100
PA1012KW	1/4 x 1 in.	HW10x1Z	_	1/4 in.	100

The Perfect System for Zip-in® Cleanable, Reversible, Magnetic 1/4 and 5/16 inch Hex Chuck Driver!

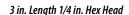
See Page 56

Robertson® Style Square



Robertson® Style Square Pan Head Zip-in® Screws





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 Bulks,
Pails, Tubs, Boxes and Bags.

Packaging Key:
Bulk

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.

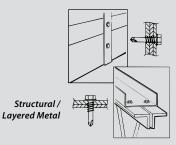
Made from strong, high quality, specially heat treated steel. Bit-Tip* Self Drilling and Tapping Screws are precision cold forged insuring uniformity of dimension and drill point contours.

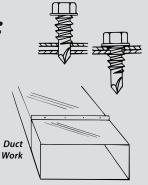
The versatile Bit-Tip* Screw is an excellent replacement for fastening operations now using rivets, nuts and bolts, spot welds or adhesives. Bit-Tip* also eliminates the need for costly auxiliary fastening equipment such as drill bits, taps and welding equipment.

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



Industrial Applications:





Choose from Hex or Slotted









thread in steel .220 thick in less time than it takes to drill a pilot hole for other standard fasteners.



D524.638



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

Bit-Tip **Drill & Tap** Screws



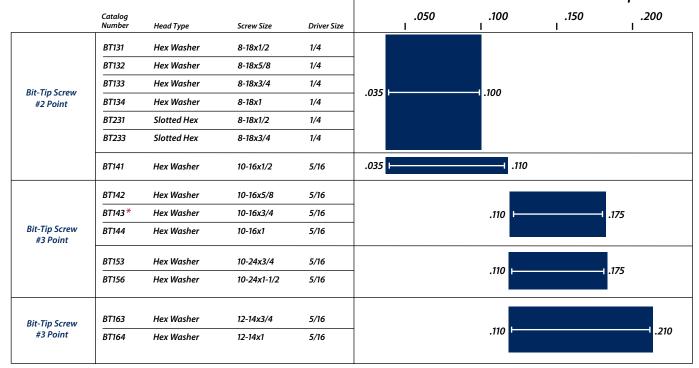


Consult Malco Price Book for specific package quantities available for each screw size. Count on Malco for full, accurate piece counts in every Bit-Tip® package you buy.

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

* BT143 available in pails.

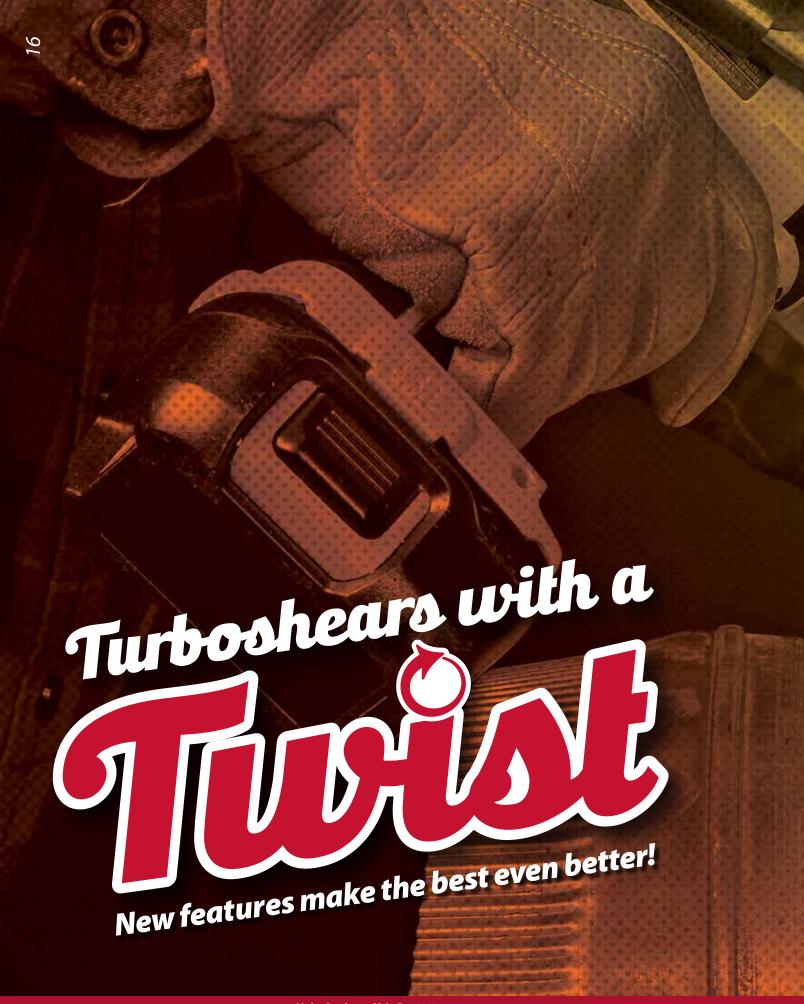
Material thickness recommendation for Bit-Tips



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





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.







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

CE





Catalog Number	Description	Net Wt. oz. (g)	Net Wt. Ibs. (kg)		
TSHD	TurboShear Heavy-Duty	у	_	2.2 (1.00)	
Replacement	Parts				
TSDC	TurboShear Drill Clamp	8 (227)	_		
TSCG	TurboShear Chuck Gua	.96 (27)	_		
TSHDRB	TurboShear Heavy Duty	Replacement Blades	_	_	
Metal Capaci	ties				
Material	Spiral Duct 20 Gauge	Galvanized Steel 18 Gauge	Mild Steel 18 Gauge		
inches (mm)	0.040 (1.02)	0.048 (1.22)			

Corrugated Metal Cutting - 30/24 ga.

TurboShearCM

Easily 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 outlets cuts in large or small pattern corrugated metal roofing and most trapezoidal (box) pattern metal roofing panels.

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

Drill Not Included. • Patented









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

Rotating Head





Catalog Number	Description	Net Wt. oz. (g)	Net Wt. Ibs. (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	_	_
Metal Capaci	ties		
Material	Mild Steel - 30 - 24 gauge		
inches (mm)	.012024 (0.31 - 0.61)		

CE

Pat. No. 9.649.702

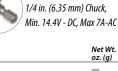
TSMD











Rotating Head

Drill Requirements:

0.048 (1.22)



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!

> Catalog Number Net Wt. Net Wt. Description lbs. (kg) oz. (g) TSMD Double Cut TurboShear 2.6 (1.18) Replacement Parts 8 (227) TSDC TurboShear Drill Clamp TSCG TurboShear Chuck Guard .96 (27) **TSMDRB** Double Cut TurboShear Replacement Blades **Metal Capacities** Material Galvanized Steel 18 Gauge Mild Steel 18 Gauge Spiral Duct 20 Gauge

> > 0.052 (1.32)

Natural Roofing Slate

TurboShearNS

Attach to any drill to make fast roughhewn 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. And 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!

Drill Not Included. • Patented



inches (mm)

0.040 (1.02)



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



4 mm ~ 8 mm



Catalog Number	Description	Net Wt. oz. (g)	Net Wt. Ibs. (kg)
TSNS1	TurboShear, Natural Roofing Slate	_	2.5 (1.13)
Replacement	Parts		
TSDC	TurboShear Drill Clamp	8 (227)	_
TSCG	TurboShear Chuck Guard	.96 (27)	_
TSNS1RBEV	TurboShear Replacement Blades & Skid Plate for TSNS1	_	_

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 scissior 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.







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

CE





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

Asphalt Roofing Shingles - 1/2 in

TurboShearSS

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

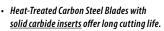
Make fast, clean, trim cuts in multiple layers of asphalt shingles, up to 1/2 in. (12.7 mm) thick. Easily shear along a roof valley, or make tight left square cuts and circles to fit around utility outlets, with equal precision and ease. An extra-wide jaw opening with beveled lead-in tip on the upper 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.











 Wide opening jaw with beveled lead-in tip accommodates multiple shingle layers.





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. Ibs. (kg)	
TSS1	TurboShear, Asphalt Shingles	_	2.3 (1.04)	
Replacement	t Parts			
TSDC	TurboShear Drill Clamp	8 (227)	_	
TSCG	TurboShear Chuck Guard	.96 (27)	_	
TSS1RBEV	TurboShear Asphalt Shingle Replacement Blades	_	_	
				f

1/2 in. (12.7 mm) Asphalt Shingles