

Hole Cutters

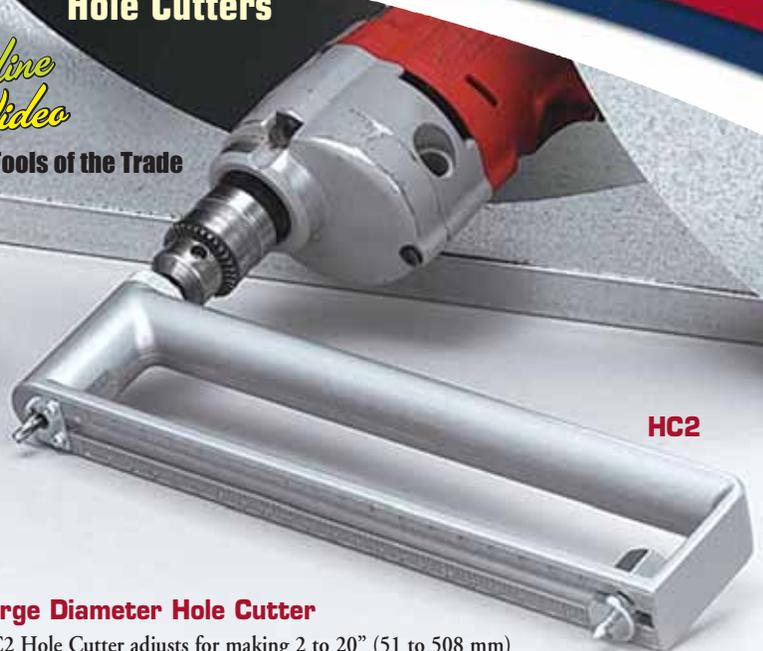


HVAC-Tools of the Trade

HC1



HC2



HC1 - The Original Malco Hole Cutter

Adjusts for cutting 2 to 12" holes (51 to 305 mm) in galvanized steel metal. Lightweight aluminum frame.

Catalog Number	Hole Dia. in. (mm)	Capacity	Net Wt. oz. (g)
HC1	2-12 (51-305)	20 ga.	16 (454)
HC2	2-20 (51-508)	20 ga.	22 (624)

HC2 - Large Diameter Hole Cutter

The No. HC2 Hole Cutter adjusts for making 2 to 20" (51 to 508 mm) holes in galvanized sheet steel. It will install into the chuck of any corded or cordless drill as small as 1/4" (6.4 mm) and uses the same No. CB mill type Cutting Bit and other replacement parts as the more compact 12" (305 mm) maximum diameter HC1. Both Malco Hole Cutters store easily in a tool box and both the HC2 and HC1 feature a lightweight aluminum frame and high speed bearings at top and bottom of drill shaft to assure perfect cutting balance and long cutting life.

REPLACEMENT CUTTER BIT

Catalog Number	Description
CB	Mill type cutter bit for HC1 & HC2
CBB	6 Pack of Cutter Bits

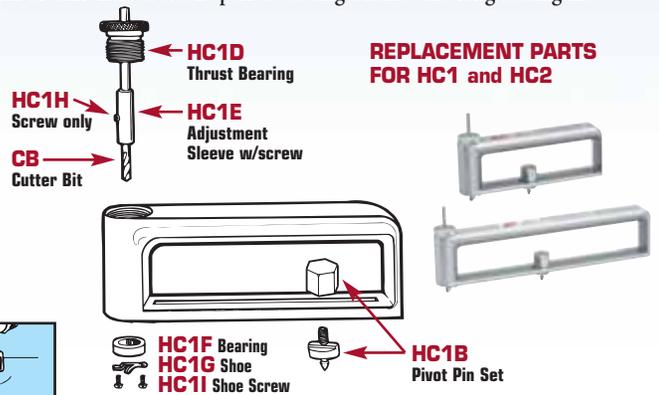
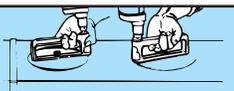
CAPACITIES

Material:	Aluminum	Copper	Stainless Steel 22 Gauge	Galvanized Steel 20 Gauge	Mild Steel 18 Gauge
Inches (mm)	.054 (1.37)	.042 (1.07)	.030 (0.76)	.040 (1.02)	.048 (1.22)

TOOL SPECIFICATIONS

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

NOTE: Cutting bit wears only in the dimension of the thickness of material cut. Adjusting bit up or down slightly will expose a new cutting edge and thus increase life of bit.



REPLACEMENT PARTS FOR HC1 and HC2



HCAD

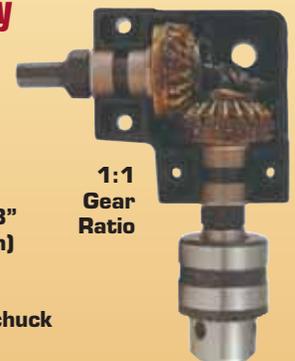
Angle Drive Accessory



HCAD

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

Comes with own chuck



1:1 Gear Ratio

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



Power Assisted Cutters/Shears



HVAC-Tools of the Trade & TurboShear

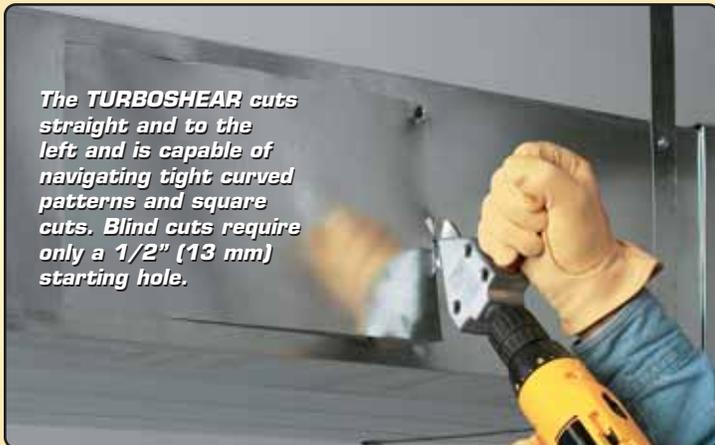


Make your drill a POWER SHEAR-INSTANTLY!

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

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

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



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

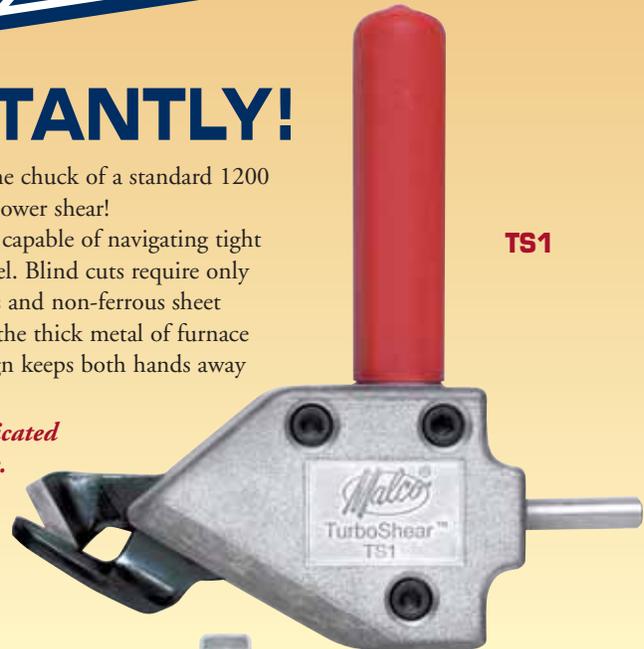


For best results, be sure to keep the **TURBOSHEAR** blades level with cutting plane, this offset design also keeps hands away from work surface.

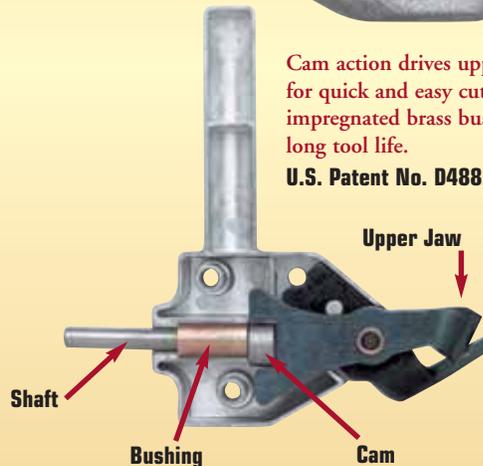
NOTE: Requires two hands to operate. Use TSDC Drill Clamp for one-hand use.



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

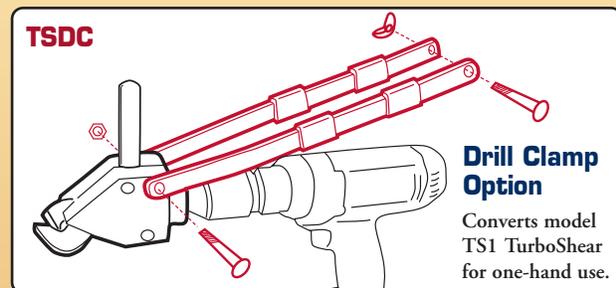


TS1



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

U.S. Patent No. D488,695



Drill Clamp Option

Converts model TS1 TurboShear for one-hand use.

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

REPLACEMENT BLADES

TS1RB	TurboShear Replacement Blades
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CAPACITIES

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

RELATED ITEMS

CDR Duct Ripper on page 69





Online
Video
TurboShear

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

CAPACITIES:

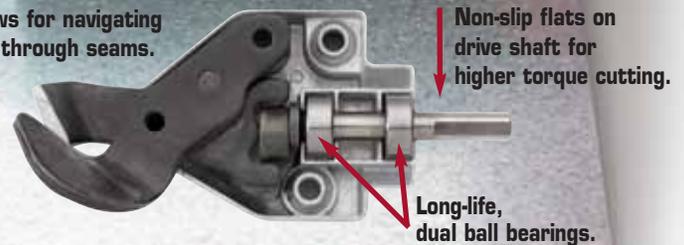
Heavy-duty jaws and gearing are suitable for cutting 18-GAUGE (1.32 mm) galvanized steel and most other common sheet metals, including 20-gauge (1.02 mm) spiral duct and layered metal seams.

ONE-HAND OPERATION:

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

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

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



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

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

CAPACITIES

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

RELATED ITEMS

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

