

# Power Assisted Cutters/Shears



HC1

HC2

## GOLD STANDARD Hole Cutters and Cutter Bits

Longest Lasting • Fastest Cutting Operation • Easiest Adjusting

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



CB- Cutter Bit



### GOLD STANDARD HOLE CUTTERS

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

### 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 * Recommended RPM 1350	n/a



Versatile for a variety of metal work, including HVAC, Metal Roofing and Metal Studs.

#### REPLACEMENT PARTS for Hole Cutters

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

HC1F Bearing (Gray Casting)  
 HC1K Shoe & HC1I Shoe Screw (NEW Black Casting)  
 HC1B Pivot Pin Set



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

### Angle Drive Accessory

Works well with HC1 and HC2 Hole Cutters. May be used to help cut take-off holes in sheet metal ductwork suspended below floor joists or for take-offs from the side of large trunk lines where reaching up and cutting at 90° is desirable. Fits 1/2" and 3/8" (12.7 and 9.5 mm) electric drills. Comes with own chuck.



# Power Assisted Cutters/Shears



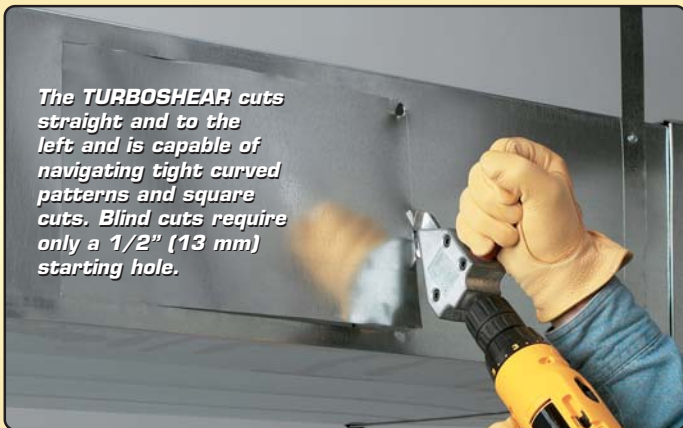
HVAC-Tools of the Trade & TurboShear



## Make your drill a POWER SHEAR-INSTANTLY!

The time-saving **TURBOSHEAR Model No. TS1** inserts directly into the chuck of a standard 1200 rpm A/C or cordless drill. It's that easy to convert your power drill to a power shear! This rugged but inexpensive accessory cuts straight and to the left and is capable of navigating tight curved patterns and squares in heavy 20-gauge (1.02 mm) galvanized steel. Blind cuts require only a 1/2" (12.7 mm) starting hole. Cutting applications include both ferrous and non-ferrous sheet metals, metal roofing/building panels, vinyl, steel mesh, ductwork, even the thick metal of furnace jackets, equipment enclosures or automotive body panels. An offset design keeps both hands away from work surface. Long-wearing hardened jaws are also replaceable.

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



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



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

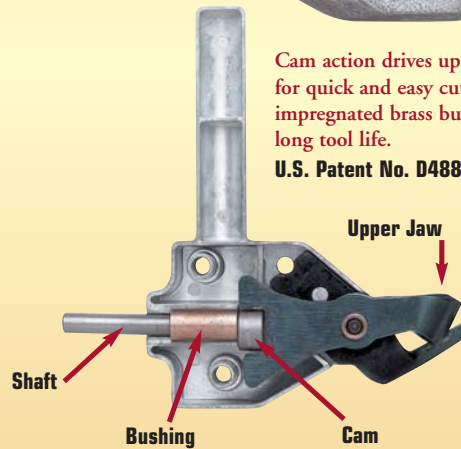
*NOTE: Requires two hands to operate. Use TSDC Drill Clamp for one-hand use.*



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

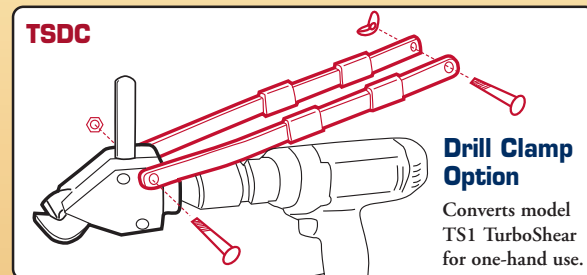


TS1



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

U.S. Patent No. D488,695



Drill Clamp Option

Converts model TS1 TurboShear for one-hand use.

CATALOG NUMBER	DESCRIPTION	NET WT. oz. (g)
TS1	TurboShear	26 (737)
TSDC	Drill Clamp for TS1	8 (227)

### REPLACEMENT BLADES

TS1RB	TurboShear Replacement Blades
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### CAPACITIES

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

### RELATED ITEMS

CDR Duct Ripper on page 69





Online  
Video  
TurboShear

# HEAVY DUTY TurboShear "HD" even cuts seams one-handed!

## CAPACITIES:

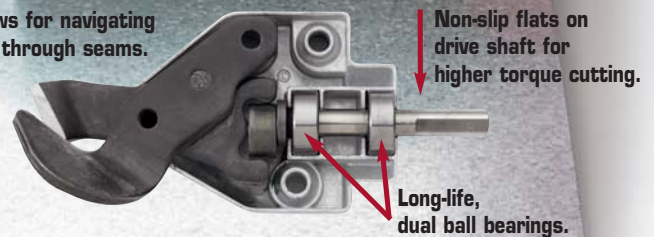
Heavy-duty jaws and gearing are suitable for cutting 18-GAUGE (1.32 mm) galvanized steel and most other common sheet metals, including 20-gauge (1.02 mm) spiral duct and layered metal seams.

## 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