

Power Assisted Metal Cutters & Shears





TurboShearHD™

Heavy-Duty!

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

Applications:

Metal Roofing | Building Panels | Metal Ductwork
Stone Coated Metal Shingles | Furnace Jackets

- Lightweight Shear head for easy one-hand control.
- No. TSDC Drill clamp included for one-hand operation.
- Jaw opening navigates tight curve patterns, squares, mild profiles, layered metal & seams.
- 18-Gauge capacity.
- Blind cuts require a 1/2" (13 mm) starting hole.
- Minimum 14.4 volt 3/8" (9.53 mm) Cordless or Corded Drill required.

New Streamlined Design



1. Wider-opening jaws
2. Long-life, dual ball bearings
3. Non-slip flats on drive shaft.



**New!
in 2011**



TSHD

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



New Telescoping Drill Clamp adjusts to fit any corded or cordless drill, including compact Lithium-ion models.



Optional on No. TS1.
Comes packaged with No. TSHD

TSDC

TurboShear™

THE Original

Makes your Corded or Cordless drill a **POWER SHEAR INSTANTLY!**

Applications:

Metal Ductwork | Furnace Jackets

- Requires two (2) hands to operate.
- Optional Drill clamp No. TSDC available for one-hand operation.
- Blades cut straight and to the left.
- Minimum 14.4 volt 3/8" (9.53 mm) Cordless or Corded Drill required.
- Jaw opening navigates tight curve patterns & squares.
- Blind cuts require a 1/2" (13 mm) starting hole.



TS1



U.S. Patent No. D488,695



Cordless Drill Not Included on any TurboShear model



TurboShear™ Air Powered



Use your existing air supply!

Min 2600 RPM—4 CFM, 133 L/Min
90 PS1, 6.2 Bar



TSHD1A

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

Applications:

Metal Roofing | Building Panels | Metal Ductwork
Stone Coated Metal Shingles | Furnace Jackets

- Lightweight Shear head for easy one-hand control.
- Attaches to your existing air supply!
- 18-Gauge capacity.
- Blind cuts require a 1/2" (13 mm) starting hole.
- Jaw opening navigates tight curve patterns, squares, mild profiles, layered metal & seams.
- Blind cuts require a 1" (25 mm) starting hole.



45° Clearance

Specifications for all Metal Cutting TurboShears

Catalog Number	Description	Net Wt. oz. (g)	Net Wt. lbs. (kg)			
TS1	TurboShear "Original"	26 (737)	—			
TSHD	TurboShear Heavy-Duty	—	2.44 (1.11)			
TSHD1A	TurboShear Heavy-Duty Pneumatic Air	—	2.44 (1.11)			
Replacement Parts						
TSDC	TurboShear Drill Clamp for TSHD	8 (227)	—			
TSCG	TurboShear Heavy-Duty Chuck Guard for TSHD, optional on TS1	—	.06 (0.03)			
TS1RB	TurboShear Replacement Blades for TS1	—	—			
TSHDRB	TurboShear Heavy Duty Replacement Blades for TSHD	—	—			
CAPACITIES						
	Material	Spiral Duct 20 Gauge	Galvanized Steel 18 Gauge	Galvanized Steel 20 Gauge	Mild Steel 18 Gauge	Mild Steel 20 Gauge
TS1	inches (mm)	—	—	0.40 (1.02)	—	0.36 (0.91)
TSHD/TSHD1A	inches (mm)	0.40 (1.02)	0.52 (1.32)	—	0.48 (1.22)	—

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



Gold Standard

Hole Cutters and Cutter Bits

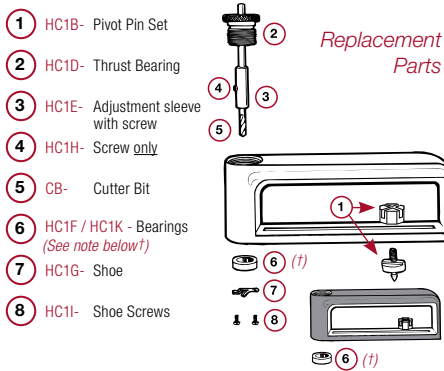


HC1
2"-12" (51-305 mm) Dia.

HC2
2"-20" (51-508 mm) Dia.

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.



DON'T SETTLE FOR LESS!
Gold Standard Cutter Bits

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.

Specifications

Catalog Number	Description	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)	—	—			
CBB*	Mill Type Cutter Bit (6 pack)	—	—			
CBB100*	Mill Type Cutter Bit (100 tub)	—	—			
CAPACITIES	Material	Aluminum	Copper	Stainless Steel 22 Gauge	Galvanized Steel 20 Gauge	Mild Steel 20 Gauge
HC1 / HC2	inches (mm)	.054 (1.37)	.042 (1.07)	.030 (0.76)	.040 (1.02)	.036 (0.91)

† 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. High Speed Steel * Recommended RPM 1350