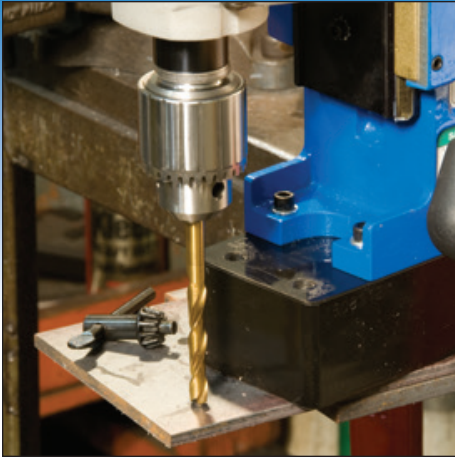


HOUGEN® MAGNETIC DRILL ACCESSORIES



DRILL CHUCKS

Part No.	Description
10731	1/2" Hougen Chuck with Key (HMD904, HMD905, HMD914, HMD917, HMD925 & HMD927)
10737	5/8" Hougen Chuck with Key (HMD914 & HMD917)
10732	1/2" Jacobs® Chuck with Key (HMD904, HMD905, HMD914, HMD917, HMD925 & HMD927)
10738	5/8" Jacobs® Chuck with Key (HMD914 & HMD917)
07930	Replacement key for 1/2" Chucks
07931	Replacement key for 5/8" Chucks

Required Spindle Adapters:

Drill	Spindle Adapter
HMD904, 905 & 927 (Slot Drive)	08186
HMD917	08190
HMD904 & 925 (Hex Arbor)	05536
HMD904 & 925 (Threaded Arbor)	01829
HMD914	40341



TWIST DRILL ADAPTER KIT

Part No.	Description
02608	Twist Drill Adapter
03835	1/2" Twist Drill Bit
03837	7/16" Twist Drill Bit
03839	3/8" Twist Drill Bit
03841	5/16" Twist Drill Bit
03843	1/4" Twist Drill Bit
03845	Twist Drill Adapter Kit

Makes using twist drills quick and easy. Fits most any mag drill that will fit a 3/4" two flat shank. Adapter accepts a modified 118° twist drill with a 1/4" flatted shank that secures in adapter with a set screw.



82° CARBIDE-INSERT COUNTERSINK KIT

Part No.	Description
12965	(1) 82° Countersink (double fluted) with carbide inserts, (4) Pilots - 9/16, 11/16, 13/16, 15/16", plus a Torx Wrench
12960	9/16" Pilot
12961	11/16" Pilot
12962	13/16" Pilot
12963	15/16" Pilot
12966	Countersink Ass'y w/Carbide Inserts
05465	Replacement Torx Wrench
05467	Carbide Inserts (10 pieces)
05779	Carbide Inserts Wear Resistant (10 pieces)

Countersink provides 82° chamfers on holes quickly and easily. Two types of carbide inserts are available depending upon material hardness.

- Use 05467 inserts on mild steel, cast steel & malleable iron.
- Use 05779 inserts on structural steel, stainless steel, harder steels & non-ferrous metals.



TAPPING ATTACHMENT KITS

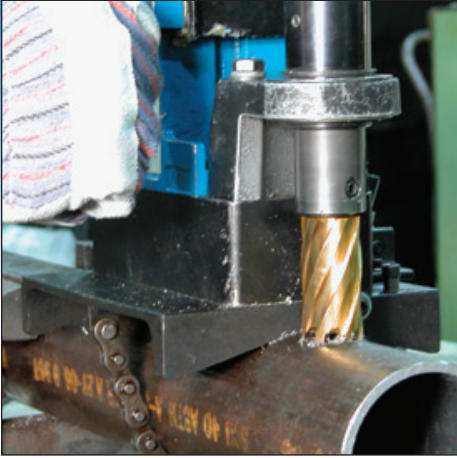
Part No.	Description
08177	For use with HMD904 & HMD905 (Slot Drive-includes adapter 08176)
08180	For use with HMD917 (Includes adapter 08179)
02463	For use with HMD904 (Threaded Drive)
05457	For use with HMD904 (Hex Drive-Includes 07339 adapter)
10937	For use with HMD914

Required Collets for Tap Units:

Collets:	02495 for #6 thru 1/4" tap
	02496 for 1/4" thru 1/2" tap
Collets:	10807 for #10 thru 1/2" tap
	10808 for 1/2" thru 3/4" tap

Incorporates a planetary gear reverse with a 1:1 ratio. Reversing speed is equal to spindle speed so in-feed and out-feed of the unit can be employed without reversing motor direction.

HOUGEN® MAGNETIC DRILL ACCESSORIES



PIPE ADAPTER KIT

Part No.	Description
02564*	Chain Mount for use with HMD904, HMD905, HMD914, HMD917 & HMD505/508
10726	Bracket Mount for use with HMD933 & HMD915

These kits let you drill pipe and tubing with a minimum 3" (76mm) diameter and some convex surfaces. Kits quickly attach to your Hougen® Magnetic Drill and positive non-slip positioning assures centered hole location.

*Minimum 3" dia. schedule 160, maximum 12" dia. schedule 160.



VAC-PAD™

Part No.	Description
05000	Vacuum Base Attachment

Vac-Pad™ works with the HMD904 & HMD905 on non-ferrous materials, diamond plate and materials with surface imperfections up to 3mm deep. Standard shop air provides 761 lbf surface holding power at 85 kpa. Safety switch shuts off drill motor if air pressure drops.

SPINDLE ADAPTERS

Spindle adapters are required for some Hougen mag drill accessories.

Part No.	Description
01829	HMD904 Chuck Adapter (Old Style Threaded) (not shown)
02386	HMD933 & HMD915 3/4" Shank Adapter
05536	HMD904 & HMD925 Chuck Adapter (Hex Drive)
07339	HMD904 & HMD925 Tapping Adapter (Hex Drive)
08176	HMD904 & HMD905 Tapping Adapter (Slot Drive)

08179	HMD917 Tapping Adapter
08186	HMD904, HMD905 & HMD927 Chuck Adapter (Slot Drive)
08190	HMD917 Chuck Adapter
10851	1/2" Shank Cutter Adapter (not shown)
40040	HMD933 & HMD915 3/4" Weldon Adapter
40226	HMD914 Tap Adapter
40341	HMD914 Chuck Adapter

