

ULTRA LOW PROFILE MAG DRILL FROM STEELMAX®

D1 Low Profile

VERY LOW PROFILE ELECTRIC DRILL FOR RESTRICTED SPACE

The **D1 Low Profile** is an ultra-low-profile mag drill, that fits in the tightest of work spaces. It is a perfect solution for any applications in confined spaces, where typical mag drills are too large. A powerful motor and strong, electromagnetic base enable drilling of holes up to 1-7/16" (36 mm) diameter to a depth of up to 1-3/16" (30 mm).

The **D1 Low Profile** Mag Drill accepts both TCT and HSS cutters as well as twist drill bits with a standard 3/4" Weldon shank.



FEATURES

- Ultra low profile mag drill – only 7" tall – with electromagnetic base
- Light weight – only 21 lbs (9.5 kg)
- 1-7/16" (36 mm) diameter x 1-3/16" (30 mm) depth of cut maximums with annular cutters
- Accepts Weldon Shank twist drill bits up to 1/2" diameter
- Over 1-1/2" stroke (39 mm)
- Integrated swarf guard
- Convenient lifting handle for easy transportation

STANDARD SET INCLUDES:

- Drilling machine
- Plastic case
- Handle
- Handle adapter
- Pilot pin
- Safety strap
- 4 mm hex wrench
- Operator's Manual



The D1 Low Profile fits in the tightest spots



Annular Cutter:
max 1-7/16"
(36mm)



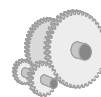
Twist drill:
max 1/2" (12mm)
with 3/4" Weldon
Shank



Depth of cut:
up to 1-3/16"
(30mm)



Stroke:
1-1/2"
(39mm)



Speed:
350 rpm



Motor Power:
920 W



Weight:
21 lbs
(9.5 kg)

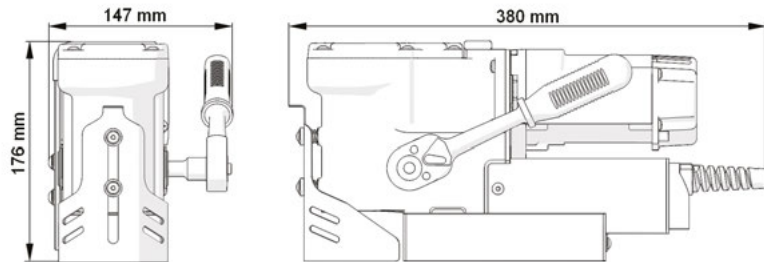
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DI Low Profile Technical Specification

Motor Speed (under load)	350 rpm (115V); 370 rpm (230 V)
Motor Power	920 W
Weight	21 lbs (9.5 kg)
Maximum Hole Size - Annular Cutter	1 7/16" (36 mm)
Maximum Hole Size - Twist Bit	1/2" (12 mm)
Max countersinking	Ø 1 9/16" (40 mm)
Stroke	1-1/2" (39 mm)
Max depth of cut	1-3/16" (30mm) with TCT cutters 13/16" (20mm) with HSS cutters *
Voltage	110-120 V, 50-60 Hz 220-240 V, 50-60 Hz
Power consumption	1000 W
MFSC	Yes
Magnetic clamping force	2,000 lbs (8900 N)
Magnet Base Dimensions	3-9/16 x 7-1/16 x 1-1/2" (90 x 180 x 38.5 mm)
Min. Workpiece Thickness	1/4" (6mm)
Tool holder	3/4" Weldon Shank

* Up to 1" (25 mm) when used with an optional long quill assembly (SM-ZSP-0521-04-00-00)



Optional Accessories:

- SM-ZSP-0521-04-00-00-0
Long quill assembly
- SM-PJM-000003
Coolant bottle with nozzle



Hole making with various tools:



Compact design for height restricted areas. Detachable feed lever can be fixed from either side



Max milling capacity up to 1-7/16" (36mm)



Easily work out of position



Lifting handle for easy transportation



Handy plastic case

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For ordering and customer service, or to request detailed product information or demonstration videos, contact:

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