





SID07 Drill Duster²

Dust free drilling, every single time.

A simple attachment for your drill machine that collects all the dust during drilling without the need of a battery.

Drill Duster is our patented mechanical accessory that can be attached to any handheld drilling machine to collect dust at the very source, during drilling without the need of any additional motors or batteries. It protects your lungs by keeping the work environment dust free during and after drilling, can collect and store dust for up to 20 holes, weighs less than 100 grams and avoids all the mess so that no post drilling cleaning is required, ever!



Working

Drill Duster extracts and collects dust during drilling using an ingenious mechanism, yet a very simple construction as shown in the picture below. The working of the accessory is very intuitive and can be seen this video:

Video: Drill Duster in Operation

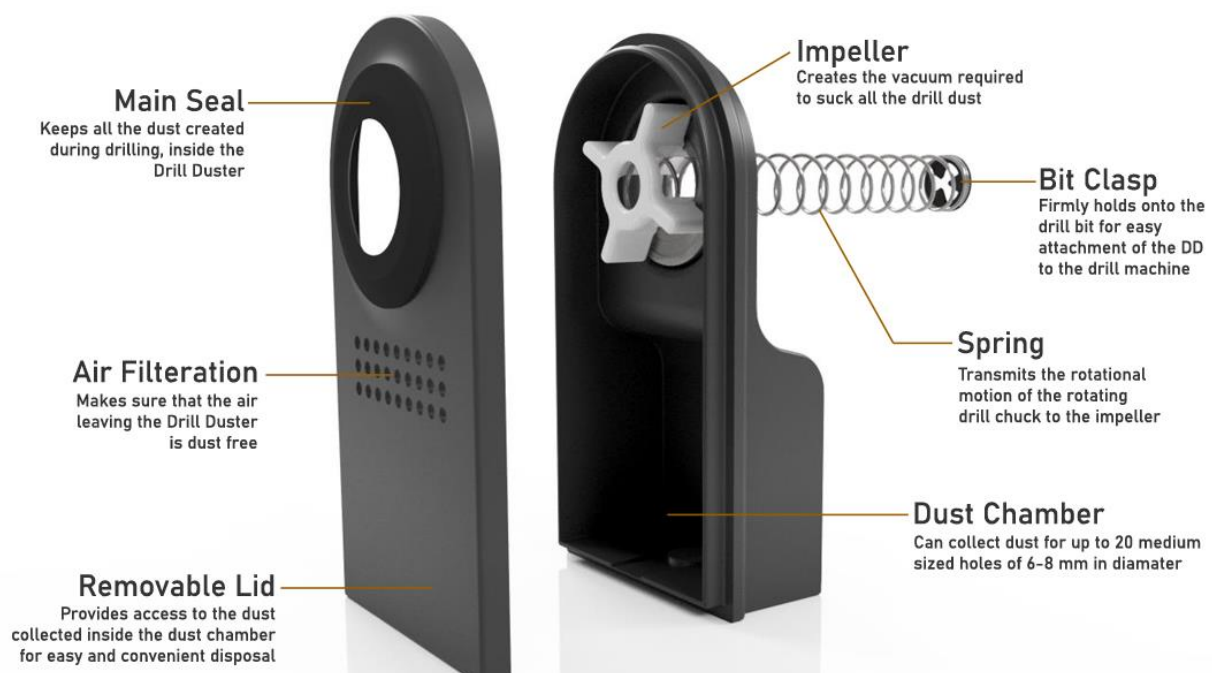


Figure 1 Drill Duster and its components

Note: The figure shows the components of the 1st Generation of Drill Duster

Technical Specifications

Material - Dust Chamber, Lid & Impeller	ABS
Material - Springs	Hardened Spring Steel
Material - Seal & Bit Clasp	Neoprene Rubber
Material - Air Filter	Cotton
Bearing	Deep Grove Ball Bearing
Product Dimensions	12 x 6 x 3.5 cm
Weight when assembled with Spring	98 grams
Country of Origin, Manufactured in	India



Design Evolution

Thanks to rigorous market testing in India and feedback received from more than 500 customers and some ingenious design, Drill Duster has evolved into a state-of-the-art power tool accessory that has the potential to become a necessary inclusion in every tool box!



	Drill Duster 1st Generation	Drill Duster ² 2nd Generation
Dust Extraction	Extracts dust due to self-created vacuum at the center of the rotating impeller	Creates up to 40% higher vacuum at the center of the rotating impeller
Impeller Design	Simple flat 4-blade impeller	Flow optimized curved 7-blade impeller
Opening Lid Design	Simple push-lid with internal rubber seal	Sturdier and more reliable threaded lid
Weights less than 100g	✓	✓
Cotton Air Filter	✓	✓
Bearing Mount Design	-	Fail-Proof Bearing Mount
Stability Enhancements	-	Improved stability while drilling with reduced vibrations



Features and Benefits

Protects your Lungs	Limits the amount of fine dust particles escaping into the surrounding air during drilling to less than 1%.
Protects your Eyes	Can be used to drill holes on the ceiling without exposing your face especially eyes to the dust and debris falling down.
Saves Effort	Saves 2-5 minutes of post drilling cleanup required per drilled hole and gets rid of the manpower required to do so.
Low Weight	Drill Duster when in use weighs less than 100 grams and hence does not add troublesome weight to the already heavy drilling machine.
No Vacuum Cleaner	Unlike other solutions on the market, Drill Duster does not require any externally created vacuum to extract dust.
Universal Compatibility	Compatible with all standard drill machines and drill bits ranging from 4 mm to 10 mm diameters.
Large Dust Storage	Can collect and store dust for ten large (10 mm) holes and twenty medium sized (5 mm) holes before it needs to be emptied.
An Extension of the Drill	Firmly attaches to the chuck of the drilling machine to ensure hassle free handling during drilling.

Working Specifications

Package Contents	1 Drill Duster, 1 Spring for Masonry Drill bits of 4-10 mm diameter, 1 Additional Spring for Hammer Drill Bits of 4-8 mm diameter and Warranty Card/User Manual.
Using the Springs	The provided smaller spring should be used with standard masonry drill bits (4-10 mm diameter) and standard wood cutting drill bits (4-8 mm diameter) only. The provided longer spring should be used with standard hammer drill bits (4-10 mm diameter) only.
Drilling Surface	DD should be used only for drilling on masonry or wooden surfaces. It should NOT be used for drilling on



	metal surfaces. The drilling surface should be completely flat.
Compatible Drill Bits	DD can be used with both standard masonry and hammer drill bits ranging from 4 mm to 10 mm in diameter.
Bearing	Deep Grove Ball Bearing
Drilling Depth	Due to the axial depth of the Drill Duster and a certain minimum solid length of the spring, the available working length of the drill bit or the possible depth of the hole to be drilled is slightly reduced. Hence, the wall plugs to be used for fitting into the drilled holes must be selected according to the following table so that a sufficient depth of the hole is achieved to completely accommodate the wall plug.
Masonry/Wood 4 mm Drill Bit	Compatible wall plug maximum size (length): 20 mm
Masonry/Wood 5 mm Drill Bit	Compatible wall plug maximum size (length): 30 mm
Masonry/Wood 8 mm Drill Bit	Compatible wall plug maximum size (length): 65 mm
Masonry 10 mm Drill Bit	Compatible wall plug maximum size (length): 65 mm
Hammer 6 mm Drill Bit	Compatible wall plug maximum size (length): 55 mm
Hammer 8 mm Drill Bit	Compatible wall plug maximum size (length): 100 mm
Hammer 10 mm Drill Bit	Compatible wall plug maximum size (length): 100 mm
Dust Storage Capacity	DD can easily store dust of twenty 6-8 mm diameter holes.



Warranty Information

6 Months Manufacturer's Warranty

Drill Duster™ from SID07 Designs is guaranteed against all material and manufacturing defects for a period of 6 months from the date of purchase. In the event of failure of the tool due to material or manufacturing defects during the warranty period, we shall repair or provide a replacement of the failed part free of charge, provided we are satisfied that

- The tool has not been tampered with.
- Failure has occurred due to manufacturing/material defect.
- The tool has been purchased from a dealer certified by SID07 Designs.
- The claim has been referred to SID07 Designs directly through the email provided on the Warranty Card with the following attachments: photo of the failed part, photo/scanned copy of warranty card and photo/scanned copy of the original tool purchase receipt or invoice.

This warranty does not cover:

- All normal wear and tear parts such as springs, rubber seals, filters and bearings etc.
- Installation and operation/use that is not in accordance with the provided instruction brochure.
- Unauthorized repair of the tool.
- Damage to any part caused due to misuse, accident, willful damage and normal wear.
- Claims arising from fire, loss or other calamities caused by nature.



Contact Us

For any queries, suggestions, or appreciation, please get in touch with us.

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