



For questions or help with this product contact Tech Support at (570) 546-9663 or techsupport@grizzly.com

MODEL T34589 4" DUST COLLECTION 21-PCS KIT INSTRUCTIONS

Introduction

When the T34589 Kit is connected to a 400 CFM or greater dust collection system, it serves as an efficient dust collection system. To maximize dust collector suction, blast gates are used to independently include or exclude machines from the dust collection system. Flex hoses also allow for easy positioning and movement.

Identification & Inventory

Refer to **Figure 1** and the list below for item quantities, identification, and functions.

- A. 4" Hose Clamps:** Fastens flex hose to tapered dust collection ports.
- B. Blast Gates:** Open/close dust collection system to connected machines. One port fits onto 4" rigid pipe; tapered port connects to 4" flex hose using a hose clamp.
- C. Premium Flex Hoses:** Premium 4" x 8' flex hoses connect dust collection to machine and provide flexible movement. Ends connect to tapered ports with hose clamps.
- D. Y-Fitting:** Connect to rigid 4" ducting pipes to create branch ports. Ports only fit onto 4" rigid pipes or fittings.
- E. 22" Wide Dust Scoop:** Fasten to wall, machine, sanding table, or floor for wide angle dust and chip collection. Scoop port only connects to 4" flex hose.
- F. 13" Dust Hood:** Covers 13" hole with 1/2" mounting flange remaining. Port only connects to 4" flex hose.

- G. 5 1/2" Dust Hood:** Covers 5 1/2" hole with 1/2" mounting flange remaining. Port only connects to 4" flex hose.
- H. 7" Dust Hood:** Covers 7" hole with 1/2" mounting flange remaining. Port only connects to 4" flex hose.

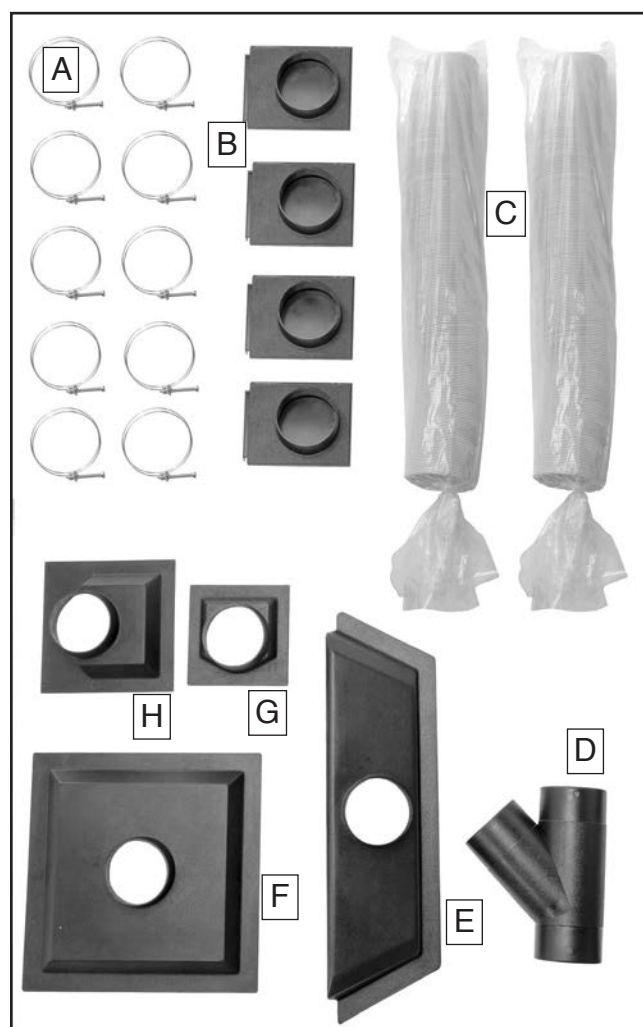


Figure 1. Identification and Inventory.

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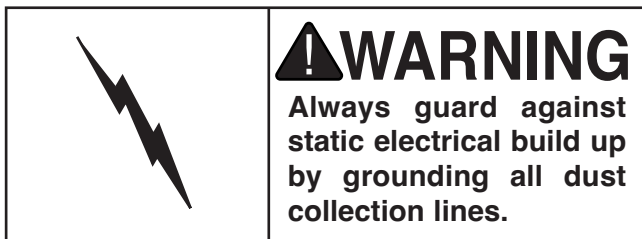
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Keep for Future Reference

Installation

Before cutting into the pipes and flex hoses of your existing dust collection system, or the hoses in this kit, make sure to review all port dimensions and connection types shown in the following figures. Keep in mind that the term *4" Dust Collection Fitting* is a generalized term. Port, pipe, and flex hose ID/OD differ by several millimeters, and not all fittings can be connected together.

We also advise purchasing the **W1050 Dust Collection Basics Book**. The guidance prevents redoing a dust collection system modification because it does not work as it should. The easy-to-read guide skillfully uses carefully illustrated text and figures to guide you through all steps needed to plan, create, or modify a dust collection system for years of safe and efficient operation.



IMPORTANT: Before installing any components, if not already done so, we highly recommend installing the **W1053 Grounding Kit**. Dust collection systems, especially plastic, build up static electricity. If not grounded, a static spark can ignite sawdust, causing explosion and fire. This grounding kit provides everything you need to ground a dust collection system, including directions for installation. A large system may need more than one kit. The kit includes 50' of bare copper wire, electrical connectors, grounding screws, terminal ends, and instructions.

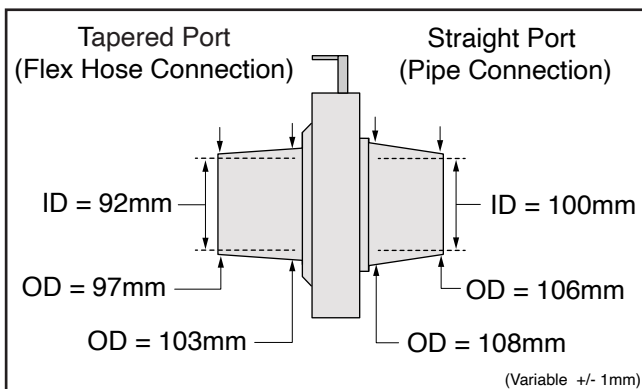


Figure 5. Blast gate port dimensions.

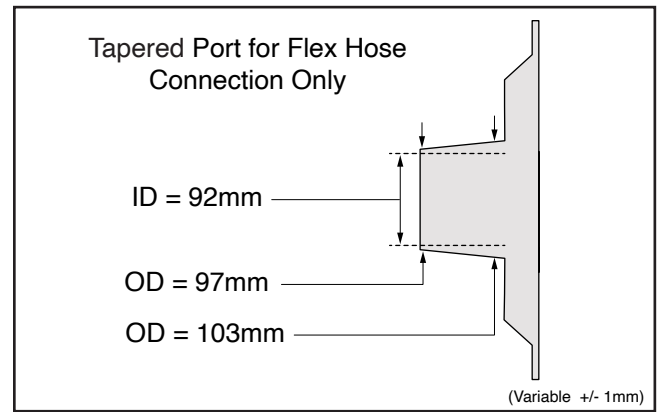


Figure 2. Machine tapered port dimensions.

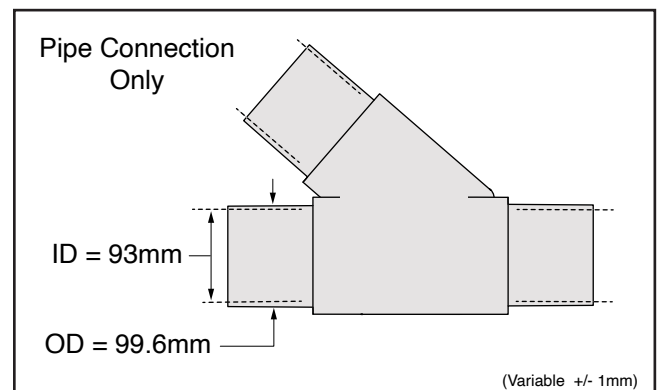


Figure 3. Straight port dimensions.

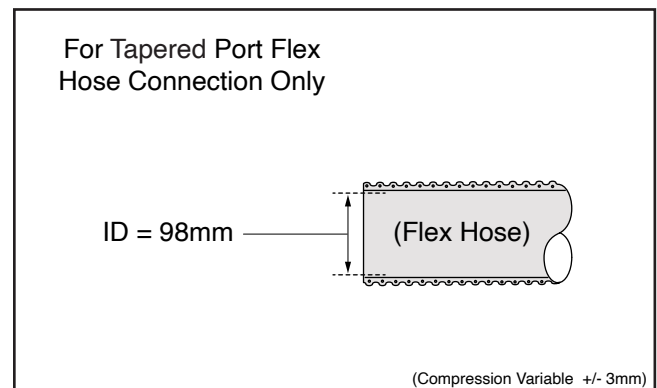


Figure 4. Flex hose inner dimensions.

