

Knockout hole dimensions for distribution box



Overview

8 An open hole in a box, such as a mounting-screw hole, shall have no dimension larger than 6. 265 in), except that a pryout hole or slot may be provided in a knockout for 1 in or smaller trade size conduit, provided that the area of the hole or slot is. This guide covers everything you need to know about electrical box knockout sizes, including the types of knockouts, their applications, and how to select the correct size for your project. They provide pre-scored, removable sections that allow for the entry of conduits and cables while maintaining the structural integrity of the enclosure 1 3. The. The electrical industry has common conduit sizes. See conversion chart below: Form Up or Form Down?

Choose the form direction based on whether the slug needs to. The family handyman has highlighted a type of box with threaded holes that make water-resistant connections possible. Fortunately, you don't have to overthink this decision. Made from durable polycarbonate plastic, the enclosures are molded with metric knockouts that can simply be removed with a screwdriver.



Article Content

Oct 11, 2025

Knock Out Electric in Construction: Understanding the

What Does “Knock Out Electric” Mean in Construction? In the context of construction and electrical work, the phrase “ knock out electric ” refers to the

Feb 05, 2026

BULLETIN

INTRODUCTION: The Joint Sections Committee on Knockout Diameters and Fitting Dimensions reviewed the existing industry practices and standards for knockout diameters and conduit fittings,

May 25, 2026

Indoor Enclosure Dimensions and Knockout Information

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May 25, 2026

STANDARD KNOCKOUT PUNCHES

Standard Round Knockout Punches 0.5" to 6" Conduit and Pipe Ball Bearing Nut

Sep 26, 2025

CE Tooling Electrical Knock Outs

Tonnage Requirements: Up to 3/4 of press capacity may be safely used. Use the below to calculate tonnage required for your knockout size and material. (ref.

May 01, 2026

Electrical Box Knockout Sizes Guide | Choosing the

This guide covers everything you need to know about electrical box knockout sizes, including the types of knockouts, their applications, and how to

Jun 12, 2026

Knockout and Clearance Diameter Machine Terminal Boxes NEMA

Knockout and Clearance Hole Diameter Machine Terminal Boxes per NEMA. The NEMA diameter of the knockout, excluding any projection of breakout ears or tabs, and the clearance hole in the terminal

Jun 04, 2026

Catalogue 2022

The knockouts, which are usually circular in shape, create an opening to accommodate industry standard conduit sizes used in residential, commercial or industrial electrical system wiring

Nov 14, 2025

1, 1/2, 3/4, 2 1/2, 6/3, 3 Conduit Knockout Size Chart

The accuracy of a knockout tool is vital because an imprecise hole will prevent the conduit from aligning properly. This is why the knockout size is so important. If

Feb 26, 2026

Junction Boxes and knockout Punches/Plugs

Standard packaging quantities are listed. Parts may be ordered in less than standard quantities.

Apr 06, 2026

Electrical Panel Knockout Cover

Stimpson offers Electrical Knockout Plugs in six basic sizes: 1/2", 3/4", 1", 1-1/4", 1-1/2", and 2". Variations for special situations are also available.

Mar 06, 2026

What is the nominal knockout diameter for conduits by size in ...

Eaton is an intelligent power management company dedicated to improving the quality of life and protecting the environment for people everywhere. We are guided by our commitment to do business

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Electrical Knockout Dimensions: Standard Sizes Explained

Find accurate electrical knockout dimensions for conduit sizing. Learn trade size vs. actual hole size, key standards, and how to choose the right fit. Click to verify your project's specs now.

Sep 16, 2025

Electrical Box Knockout Sizes Guide | Choosing the

Learn about the different electrical box knockout sizes and how to choose the right one for your electrical installation. Explore the various knockout

Oct 31, 2025

Metal Knockouts 101

11.3.8 An open hole in a box, such as a mounting-screw hole, shall have no dimension larger than 6.7 mm (0.265 in), except that a pryout hole or slot

Jun 25, 2026

KNOCKOUT DIMENSIONS

KNOCKOUT DIMENSIONS N.P.T. Hub Size Knockout Hole Recommended (Min to Max/
Inches) 1/4" .540 to .570 3/8" .671 to .701 1/2" .859 to .906 3/4" 1.094 to 1.141 1"
1.359 to 1.406 1 1/2" 1.651 to 1.727

Apr 11, 2026

Electrical Knockout Boxes and Enclosures | KO Boxes

Box knockouts are pre-measured to create perfectly sized openings for common conduit sizes, and each takes just a few seconds to remove. They can also be

May 09, 2026

Indoor Enclosure Dimensions and Knockout Information

Class 1130, 1170 / Refer to Catalog 1100CT0501 Indoor Enclosure Dimensions and
Knockout Information Enclosure Dimensions Dimensions Dimensions Box No. W H D
Box No. W H D in. mm

Oct 24, 2025

Custom Power Distribution Box SHT Series

The Removable Knockout Hole Waterproof Distribution Box is designed with a removable knockout hole that redefines traditional wiring. Even if the hole is not

Aug 16, 2025

UL Requirements for Knockouts in Sheet Metal Enclosures

UL Requirements for Knockouts in Sheet Metal Enclosures The acceptability of knockouts in sheet metal enclosures is to be determined using the instructions specified in Follow-Up Service Procedures and

Dec 19, 2025

Electrical Knockout Boxes and Enclosures | KO Boxes

Electrical Knockout Boxes Knockout boxes for electrical applications provide the flexibility of onsite setup of cables, wiring, or conduit. Made from durable

Nov 29, 2025

Distribution Boxes

Kon Kast produces precast concrete distribution boxes in 4 hole, 7 hole, 9 hole and 14 hole styles, as well as marketing plastic distribution boxes for septic fields in Kelowna BC, the Okanagan and British

Sep 02, 2025

Electrical Knockout Sizes: Industry Standards and Tips

Looking for the right electrical knockout sizes? Check our expert guide for accurate measurements and tips on ordering for your electrical projects.

Aug 28, 2025

Knockout Sizes and Fitting Dimensions

This document provides guidelines for knockout diameters and fitting dimensions to ensure mechanical and electrical continuity when installing conduit. It establishes

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