

# TKO™ CARBIDE-TIPPED HOLE CUTTERS

DESIGNED WITH PRECISION AND TIME SAVINGS  
FOR THE ELECTRICAL TRADESMEN

The efficient and precise alternative to knockouts and hole saws for stainless  
steel and sheet metal.



THE ELECTRICIAN'S

**CHAMPION**™

[WWW.IDEALIND.COM](http://WWW.IDEALIND.COM)



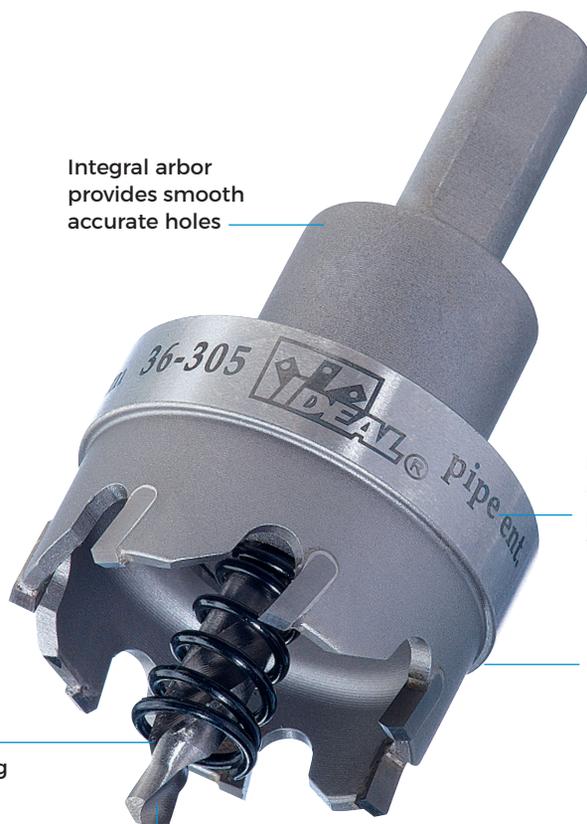
# TKO™ CARBIDE-TIPPED HOLE CUTTERS

IDEAL Electrical's line of TKO™ Carbide-Tipped Hole Cutters offer the most efficient and clean cutter replacement for traditional knockouts, by making smooth holes in a fraction of the time at a fraction of the cost. Specifically designed to cut sheet metal, IDEAL TKO™ cutters will even cut stainless steel with their precision engineered ground carbide tips.

The innovative design includes the exclusive SmoothStart™ replaceable pilot drill, which guides the cutter to the surface, avoiding cutter damage and providing smoother holes. With an integral over-drill flange the IDEAL TKO™ prevents cutter penetration beyond the sheet metal. When it comes to quality, performance and durability, IDEAL is the professional's choice for carbide-tipped hole cutters.



**Quickly drills precise holes without penetration beyond sheet metal.**



Integral arbor provides smooth accurate holes

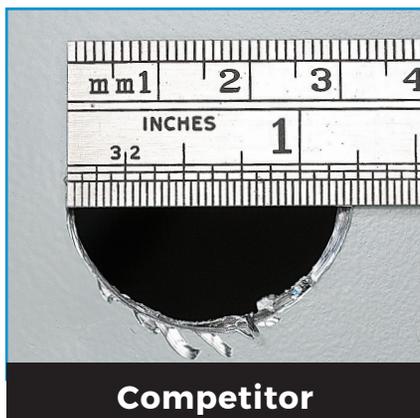
Integrated over-drill flange prevents penetration beyond the sheet metal

Carbide-tips cut over 200 holes through stainless steel, and outperform HSS cutters and bi-metal hole saws in sheet steel

Ejection spring effortlessly ejects slug

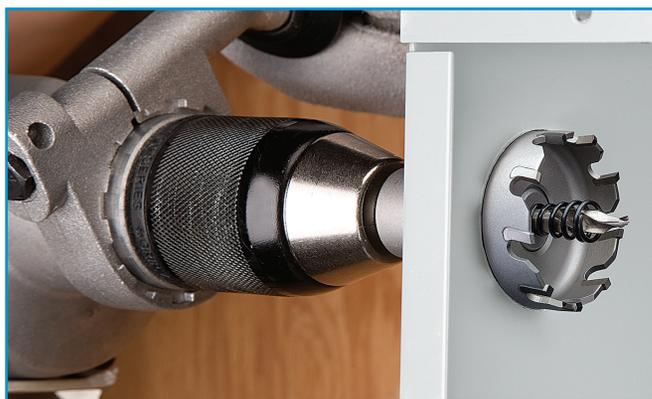
Exclusive SmoothStart™ pilot drill guides cutter to prevent cutter damage and provide smooth, more accurate holes.

**IDEAL TKO™ provides smoother, more precise hole than competitors' (holes cut with 1-1/8 in. cutters)**





Exclusive SmoothStart™ pilot drill guides cutter to prevent damage to cutter head.



Integrated over-drill flange prevents penetration beyond the sheet metal.

## Electrician's Kit

Includes cutter heads for all conduit sizes from 1/2 in. to 2 in. conduit, along with two spare SmoothStart™ pilot bits and a convenient carrying case.



Description	Part No.
8-Piece Carbide Hole Cutter Kit-Includes: Two SmoothStart™ pilot bits, 7/8, 1-1/8, 1-3/8, 1-3/4, 2 and 2-1/2 in. Cutter Heads.	<b>36-314</b>

## 4-Piece Kit

Includes the 3 most common sizes, along with a spare SmoothStart™ pilot bit and a convenient carrying case.



Description	Part No.
4-Piece Carbide Hole Cutter Kit-Includes: SmoothStart™ pilot bit, 7/8, 1-1/8, and 1-3/8 in. Cutter Heads.	<b>36-311</b>

## SmoothStart™ Replacement Pilot Drills



36-312



36-369

Fits Hole Saws:	Diameter	Drill Depth	Overall Length	Part. No.
3/4 in. to 3-1/2 in.	1/4 in. (6mm)	3/4 in. (19mm)	2 in. (51mm)	<b>36-312</b>
4 in. and 4-1/2 in.	5/16 in. (8mm)	3/4 in. (19mm)	2-3/8 in. (60mm)	<b>36-369</b>

Drilling depth: 3/16 in. (5mm); Effective length: 1/2 in. (12mm)

## Carbide-Tipped Hole Cutters

Hole Size	Conduit & Pipe Size	Part No.
3/4 in. (19mm)	—	<b>36-300</b>
7/8 in. (22mm)	1/2 in. (22mm) - pushbutton	<b>36-301</b>
1 in. (25mm)	—	<b>36-302</b>
1-1/8 in. (29mm)	3/4 in. (19mm)	<b>36-303</b>
1-7/32 in. (30mm)	7/32 in. (30mm) - pushbutton	<b>36-313</b>
1-1/4 in. (32mm)	—	<b>36-304</b>
1-3/8 in. (35mm)	1 in. (25mm)	<b>36-305</b>
1-7/16 in. (37mm)	—	<b>36-306</b>
1-1/2 in. (38mm)	—	<b>36-307</b>
1-3/4 in. (44mm)	1-1/4 in. (32mm)	<b>36-308</b>
2 in. (51mm)	1-1/2 in. (38mm)	<b>36-309</b>
2-1/2 in. (64mm)	2 in. (50mm)	<b>36-310</b>
2-7/8 in. (73mm)	2-1/2 in. (64mm)	<b>36-315</b>
3-1/2 in. (89mm)	3 in. (76mm)	<b>36-316</b>
4 in. (102mm)	3-1/2 in. (89mm)	<b>36-317</b>
4-1/2 in. (114mm)	4 in. (102mm)	<b>36-318</b>

3/8 in. shank on all hole cutters. Max. Material thickness is 1/8 in.

Available in a full range of sizes from 3/4" to 4 1/2".



To extend the life of your TKO's use cutting oil.

# TKO™ CARBIDE-TIPPED HOLE CUTTERS

## SEE HOW IDEAL TKO HOLE CUTTERS SAVE TIME



Chuck Cutter

00:10



Drill Hole & Store

00:30

Total time using  
the IDEAL TKO™

**30 Seconds**

## COMPARED TO THE COMPETITOR



Chuck Step  
Drill

00:10



Drill Pilot  
Hole

00:30

Total time using  
the competitor's  
knock-out tool

**More than  
6 Minutes**



Assemble  
knockout punch  
& stud pull

02:00



Ratchet

04:20



Slug Removed,  
Disassemble  
& Store

06:20

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