

# Cleveland Punch & Die Co.

**PUNCHES • DIES • SHEAR BLADES**  
**for EDWARDS™ IRONWORKERS**



**phone 1-800-451-4342**  
**fax 1-800-451-6877**

666 Pratt St. • Box 769 • Ravenna, Ohio 44266 • [www.clevelandpunch.com](http://www.clevelandpunch.com)

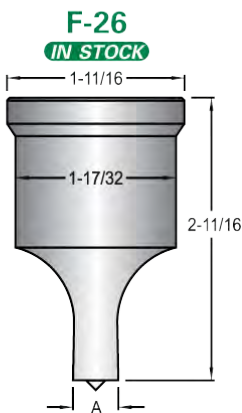
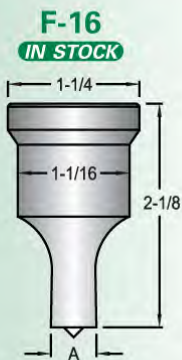
# CLEVELAND PUNCH & DIE COMPANY

## Dimensions & Specifications

This page illustrates our most commonly used punches, dies and coupling nuts for Edwards™ Ironworkers. Please refer to our Cross Reference Catalog for the proper tooling to fit your machine.

**STOCK PUNCHES & DIES ARE SHIPPED THE SAME DAY ORDERED!**  
MADE TO ORDER SIZES CAN BE SHIPPED IN AS LITTLE AS 24 HOURS!

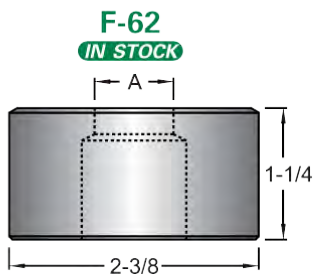
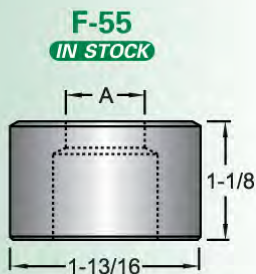
EDWARDS™ TOOLING/COUPLING NUTS



**EDWARDS™ COUPLING NUT**  
CN-EDW1  
**IN STOCK**



**GREEN TEAM TIP:**  
The material thickness should not exceed the punch size (A Dim.).



**CN-26A**  
**IN STOCK**



**GREEN TEAM TIP:**  
Periodically check the inside seat of your die holder for metal chips & excessive wear.

### Returns

Returned tooling will not be accepted without prior authorization. No credit issued on used or damaged tooling. Special tooling can not be returned. Returned tooling must be shipped prepaid. Restocking charge is 25% of list price.

### Shortages

All claims must be made within ten days of invoice date.

### Terms

F.O.B. Ravenna, Ohio  
Net 30 days

### Changes

All reference to sizes, dimensions, drawings, specifications, whether on drawings, written or otherwise are subject to change without notice.

**FOR A-36 AND MILD STEEL PLATE:**

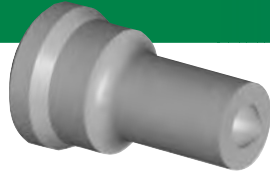
1/4" up to 1/2"	1/32" clearance
1/2" up to 3/4"	1/16" clearance
3/4" up to 1"	3/32" clearance
1" and over	1/8" clearance

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**GREEN TEAM TIP:**

Good results are obtained by using the following chart to determine die clearance.

MADE TO ORDER SIZES CAN BE SHIPPED IN AS LITTLE AS 24 HOURS!



● Represents stock round sizes



STOCK  
 ROUND PUNCHES  
 FIGURE NUMBER

Size	16	26
1/8	●	
5/32	●	●
3/16	●	●
7/32	●	●
1/4	●	●
9/32	●	●
5/16	●	●
11/32	●	●
3/8	●	●
13/32	●	●
7/16	●	●
15/32	●	●
1/2	●	●
17/32	●	●
9/16	●	●
19/32	●	●
5/8	●	●
21/32	●	●
11/16	●	●
23/32	●	●
3/4	●	●
25/32	●	●
13/16	●	●
27/32	●	●
7/8	●	●
29/32	●	●
15/16	●	●
31/32	●	●
1	●	●
1-1/32	●	●
1-1/16	●	●
1-3/32		●
1-1/8	●	●
1-5/32		●
1-3/16		●
1-7/32		●
1-1/4		●
1-9/32		●
1-5/16		●
1-11/32		●
1-3/8		●
1-13/32		●
1-7/16		●
1-15/32		●
1-1/2		●
1-17/32		●
1-9/16		●

The following tables list our stock round punches and dies for Edwards™ Ironworkers. Refer to our **Cross Reference Catalog** for the proper tooling to fit your machine.

**GREEN TEAM TIP:**

Punches last longer when used with a punch lubricant. For maximum punch life, use Cleveland Punch & Die's patented punch lubricant - **Punch Easy**.

**PLEASE NOTE:**

We stock 1/32" & 1/16" clearance die sizes. Other made to order die sizes such as clearances recommended for gauge stock, can be shipped in as little as 24 hours.

**OSHA WARNING**

It is the user's responsibility that the machine and tooling be set up and used in accordance with local and national OSHA Laws and ANSI B11.5 standards for safety.

Do not permit unqualified personnel to setup or operate the machine. Extreme care should be used at all times.

STOCK  
 ROUND DIES  
 FIGURE NUMBER

Size	55	62
5/32	●	
3/16	●	●
7/32	●	●
1/4	●	●
9/32	●	●
5/16	●	●
11/32	●	●
3/8	●	●
13/32	●	●
7/16	●	●
15/32	●	●
1/2	●	●
17/32	●	●
9/16	●	●
19/32	●	●
5/8	●	●
21/32	●	●
11/16	●	●
23/32	●	●
3/4	●	●
25/32	●	●
13/16	●	●
27/32	●	●
7/8	●	●
29/32	●	●
15/16	●	●
31/32	●	●
1	●	●
1-1/32	●	●
1-1/16	●	●
1-3/32	●	●
1-1/8	●	●
1-5/32	●	●
1-3/16	●	●
1-7/32	●	●
1-1/4	●	●
1-9/32	●	●
1-5/16	●	●
1-11/32	●	●
1-3/8	●	●
1-13/32	●	●
1-7/16	●	●
1-15/32	●	●
1-1/2	●	●
1-17/32	●	●
1-9/16	●	●
1-19/32	●	●
1-5/8	●	●

**ROUND EDWARDS™ TOOLING**

# CLEVELAND PUNCH & DIE COMPANY

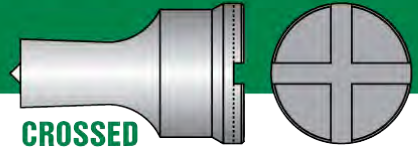
The following tables list our stock oblong punches and dies for Edwards™ Ironworkers. Refer to our **Cross Reference Catalog** for the proper tooling to fit your machine.

**STOCK PUNCHES & DIES ARE SHIPPED THE SAME DAY ORDERED!**  
MADE TO ORDER SIZES  
CAN BE SHIPPED IN AS  
LITTLE AS 24 HOURS!



## Keyways in Head of Punch

Oblong punches are stocked without keyways in the head. Keyways can be furnished on request.



**CROSSED**

● Represents stock oblong sizes

### FIGURE NUMBER

Size	16	26
3/16 x 3/4	●	
3/16 x 1	●	●
7/32 x 7/16	●	
7/32 x 1	●	●
1/4 x 1/2	●	●
1/4 x 3/4	●	●
1/4 x 1	●	●
9/32 x 9/16	●	●
9/32 x 3/4	●	●
9/32 x 1	●	●
5/16 x 1/2	●	●
5/16 x 5/8	●	●
5/16 x 3/4	●	●
5/16 x 1	●	●
5/16 x 1-1/16	●	●
5/16 x 1-1/4		●
5/16 x 1-1/2		●
11/32 x 11/16	●	●
11/32 x 1	●	●
3/8 x 1/2	●	●
3/8 x 3/4	●	●
3/8 x 1	●	●
3/8 x 1-1/4		●
3/8 x 1-1/2		●
13/32 x 13/16	●	●
13/32 x 1	●	●
13/32 x 1-1/4		●

### FIGURE NUMBER

Size	16	26
7/16 x 9/16	●	●
7/16 x 3/4	●	●
7/16 x 7/8	●	●
7/16 x 1	●	●
7/16 x 1-1/16	●	●
7/16 x 1-1/4		●
7/16 x 1-1/2		●
15/32 x 1	●	●
1/2 x 3/4	●	●
1/2 x 1	●	●
1/2 x 1-1/16	●	●
1/2 x 1-1/4		●
1/2 x 1-1/2		●
17/32 x 1	●	●
17/32 x 1-1/4		●
17/32 x 1-1/2		●
9/16 x 3/4	●	●
9/16 x 1	●	●
9/16 x 1-1/16	●	●
9/16 x 1-1/8	●	●
9/16 x 1-1/4		●
9/16 x 1-1/2		●
5/8 x 1	●	●
5/8 x 1-1/4		●
5/8 x 1-1/2		●
11/16 x 1	●	●
11/16 x 1-1/16		●

### FIGURE NUMBER

Size	16	26
11/16 x 1-1/8	●	●
11/16 x 1-1/4		●
11/16 x 1-1/2		●
3/4 x 1	●	●
3/4 x 1-1/4		●
3/4 x 1-1/2		●
13/16 x 1	●	●
13/16 x 1-1/16	●	●
13/16 x 1-1/8	●	●
13/16 x 1-1/4		●
13/16 x 1-1/2		●
7/8 x 1-1/4		●
7/8 x 1-1/2		●
15/16 x 1-1/16	●	●
15/16 x 1-1/8	●	●
15/16 x 1-1/4		●
15/16 x 1-1/2		●
15/16 x 1-9/16		●
1 x 1-1/4		●
1 x 1-1/2		●
1 x 1-9/16		●
1-1/16 x 1-1/4		●
1-1/16 x 1-5/16		●
1-1/16 x 1-1/2		●
1-1/16 x 1-9/16		●
1-1/8 x 1-1/2		●

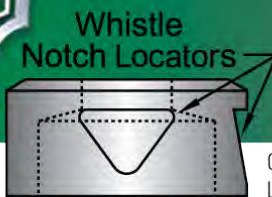
### GREEN TEAM TIP:

Punch sizes larger than body diameter may require special coupling nut.

**OBLONG EDWARDS™ PUNCHES**



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MADE TO ORDER SIZES CAN BE SHIPPED IN AS LITTLE AS 24 HOURS!

Oblong dies are stocked without locators.  
 Locators can be furnished on request.

● Represents stock oblong sizes

FIGURE NUMBER			FIGURE NUMBER			FIGURE NUMBER			FIGURE NUMBER		
Size	55	62	Size	55	62	Size	55	62	Size	55	62
7/32 x 25/32	●		15/32 x 25/32	●	●	5/8 x 1-3/16	●	●	7/8 x 1-3/16	●	●
7/32 x 1-1/32	●	●	15/32 x 29/32	●	●	5/8 x 1-5/16		●	7/8 x 1-5/16		●
15/64 x 29/64	●		15/32 x 1-1/32	●	●	5/8 x 1-9/16		●	7/8 x 1-9/16		●
1/4 x 15/32	●		15/32 x 1-3/32	●	●	21/32 x 1-1/32	●	●	29/32 x 1-9/32		●
1/4 x 1-1/32	●	●	15/32 x 1-9/32		●	21/32 x 1-9/32		●	29/32 x 1-17/32		●
9/32 x 17/32	●	●	15/32 x 1-17/32		●	21/32 x 1-17/32		●	15/16 x 1-5/16		●
9/32 x 25/32	●	●	1/2 x 1-1/32	●	●	11/16 x 1-1/16	●	●	15/16 x 1-9/16		●
9/32 x 1-1/32	●	●	1/2 x 1-1/16	●	●	11/16 x 1-5/16		●	31/32 x 1-3/32	●	●
5/16 x 19/32	●	●	1/2 x 1-5/16		●	11/16 x 1-9/16		●	31/32 x 1-5/32	●	●
5/16 x 25/32	●	●	17/32 x 25/32	●	●	23/32 x 1-1/32	●	●	31/32 x 1-9/32		●
5/16 x 1-1/32	●	●	17/32 x 1-1/32	●	●	23/32 x 1-3/32	●	●	31/32 x 1-17/32		●
11/32 x 17/32	●	●	17/32 x 1-3/32	●	●	23/32 x 1-5/32	●	●	1 x 1-1/8	●	●
11/32 x 21/32	●	●	17/32 x 1-9/32		●	23/32 x 1-9/32		●	1 x 1-3/16	●	●
11/32 x 25/32	●	●	17/32 x 1-17/32		●	23/32 x 1-17/32		●	1 x 1-5/16		●
11/32 x 1-1/32	●	●	9/16 x 13/16	●	●	3/4 x 1-1/16	●	●	1 x 1-9/16		●
11/32 x 1-3/32	●	●	9/16 x 1-1/32	●	●	3/4 x 1-1/8	●	●	1 x 1-5/8		●
11/32 x 1-9/32		●	9/16 x 1-1/16	●	●	3/4 x 1-3/16	●	●	1-1/32 x 1-9/32		●
11/32 x 1-17/32		●	9/16 x 1-1/8	●	●	3/4 x 1-5/16		●	1-1/32 x 1-17/32		●
3/8 x 23/32	●	●	9/16 x 1-3/16	●	●	3/4 x 1-9/16		●	1-1/32 x 1-19/32		●
3/8 x 1-1/32	●	●	9/16 x 1-9/32		●	25/32 x 1-1/32	●	●	1-1/16 x 1-5/16		●
3/8 x 1-5/16		●	9/16 x 1-5/16		●	25/32 x 1-9/32		●	1-1/16 x 1-9/16		●
13/32 x 17/32	●	●	9/16 x 1-17/32		●	25/32 x 1-17/32		●	1-1/16 x 1-5/8		●
13/32 x 25/32	●	●	9/16 x 1-9/16		●	13/16 x 1-1/16	●	●	1-3/32 x 1-9/32		●
13/32 x 1-1/32	●	●	19/32 x 25/32	●	●	13/16 x 1-5/16		●	1-3/32 x 1-11/32		●
13/32 x 1-9/32		●	19/32 x 1-1/32	●	●	13/16 x 1-9/16		●	1-3/32 x 1-17/32		●
13/32 x 1-17/32		●	19/32 x 1-3/32	●	●	27/32 x 1-1/32	●	●	1-1/8 x 1-5/16		●
7/16 x 27/32	●	●	19/32 x 1-5/32	●	●	27/32 x 1-3/32	●	●	1-1/8 x 1-3/8		●
7/16 x 1-1/32	●	●	19/32 x 1-9/32		●	27/32 x 1-5/32	●	●	1-1/8 x 1-9/16		●
7/16 x 1-9/32		●	19/32 x 1-17/32		●	27/32 x 1-9/32		●	1-1/8 x 1-5/8		●
7/16 x 1-5/16		●	5/8 x 13/16	●	●	27/32 x 1-17/32		●	1-5/32 x 1-17/32		●
15/32 x 19/32	●	●	5/8 x 1-1/16	●	●	7/8 x 1-1/16	●	●	1-3/16 x 1-9/16		●
			5/8 x 1-1/8	●	●	7/8 x 1-1/8	●	●			

OBLONG EDWARDS™ DIES

# CLEVELAND PUNCH & DIE COMPANY

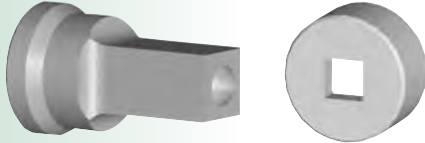
The following tables list our stock square and hexagon punches and dies for Edwards™ Ironworkers. Refer to our **Cross Reference Catalog** for the proper tooling to fit your machine.

**STOCK PUNCHES & DIES ARE SHIPPED THE SAME DAY ORDERED!**  
**MADE TO ORDER SIZES CAN BE SHIPPED IN AS LITTLE AS 24 HOURS!**

SQUARE/HEX. EDWARDS™ TOOLING

## Keyways in Head of Punch, Whistle Notch Locators on Dies

Square and hexagon punches are stocked without keyways in the head. Dies are stocked without locators. They can be furnished on request.



■ Represents stock square sizes

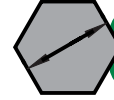
STOCK  
SQUARE  
PUNCHES

STOCK  
SQUARE  
DIES

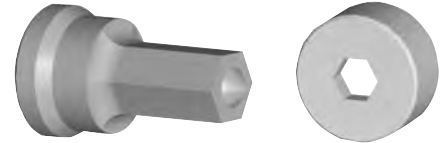
FIGURE NUMBER

FIGURE NUMBER

Size	16	26	55	62
7/32	■			
1/4	■		■	
9/32	■		■	
5/16	■	■	■	
11/32	■	■	■	■
3/8	■	■	■	■
13/32	■	■	■	■
7/16	■	■	■	■
15/32	■	■	■	■
1/2	■	■	■	■
17/32	■	■	■	■
9/16	■	■	■	■
19/32	■	■	■	■
5/8	■	■	■	■
21/32	■	■	■	■
11/16	■	■	■	■
23/32	■	■	■	■
3/4	■	■	■	■
25/32	■	■	■	■
13/16	■	■	■	■
27/32		■	■	■
7/8		■	■	■
29/32		■	■	■
15/16		■	■	■
31/32		■		■
1		■		■
1-1/32		■		■
1-1/16		■		■
1-3/32				■
1-1/8				■



Hexagon punch and die sizes are measured from flat to flat.



◆ Represents stock hexagon sizes

STOCK  
HEXAGON  
PUNCHES

STOCK  
HEXAGON  
DIES

FIGURE NUMBER

FIGURE NUMBER

Size	16	26	55	62
11/32	◆	◆		
3/8	◆	◆	◆	◆
13/32	◆	◆	◆	◆
7/16	◆	◆	◆	◆
15/32	◆	◆	◆	◆
1/2	◆	◆	◆	◆
17/32	◆	◆	◆	◆
9/16	◆	◆	◆	◆
19/32	◆	◆	◆	◆
5/8	◆	◆	◆	◆
21/32	◆	◆	◆	◆
11/16	◆	◆	◆	◆
23/32	◆	◆	◆	◆
3/4	◆	◆	◆	◆
25/32	◆	◆	◆	◆
13/16	◆	◆	◆	◆
27/32		◆	◆	◆
7/8		◆	◆	◆
29/32		◆	◆	◆
15/16		◆	◆	◆
31/32		◆		◆
1		◆		◆
1-1/32		◆		◆
1-1/16		◆		◆
1-3/32		◆		◆
1-1/8		◆		◆
1-5/32		◆		◆
1-3/16		◆		◆
1-7/32		◆		◆
1-1/4		◆		◆
1-9/32				◆
1-5/16				◆

### GREEN TEAM TIP:

Punch sizes larger than body diameter may require special coupling nut.



# **Punch-Easy<sup>®</sup>** **Patented** **Punch and Die Lubricant**

**Punch-Easy<sup>®</sup>** is a non-pigmented honey colored heavy duty odorless punching and shearing oil for thick materials. It is used on ferrous or non ferrous steels where scoring, galling and friction is a problem. It is a particularly good punch and shear oil for thick high carbon steel, armor plate, grader blade, farm implement tools and stainless steels. Punch-Easy<sup>®</sup> is unparalleled for high production and multiple stage punching or stamping operations. Actual pyrometer readings indicate an operating heat reduction in drawn parts, punches and dies of 40%. It is to be used for cold application and not made for hot application. Punch-easy<sup>®</sup> may be used as received or diluted with light mineral oil for less severe jobs. **Punch-Easy<sup>®</sup> is now available in quarts, gallons, 5-gallon reusable pails, case lots and 55-gallon drums. Use Punch-Easy today!**



**"Punch Easy" doubles my tooling life when punching thicker material.**  
-T.V.  
Pennsylvania

**P**unches, dies, shears receive less scoring and galling.  
**U**tilize more press time by decreased tool changes.  
**N**ew tool life making better holes for a longer time.  
**C**leans easy with any standard cleaner if required.  
**H**olds lubrication to tools for rust prevention when not in use.  
**E**ase of application with brush or swab.  
**A**pproved and tested for the toughest punching and shear jobs.  
**S**mooth increased production with more parts per tool.  
**Y**our best bet is to use **Punch-Easy**.

**"Punch Easy" eliminated my customer's galling problem immediately.**  
-M.M.  
Dealer, New York

**"Punch Easy" solved the problem of the end of our punches pulling off.**  
-R.W.  
Dealer, Oklahoma

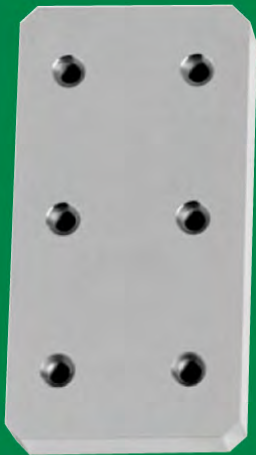
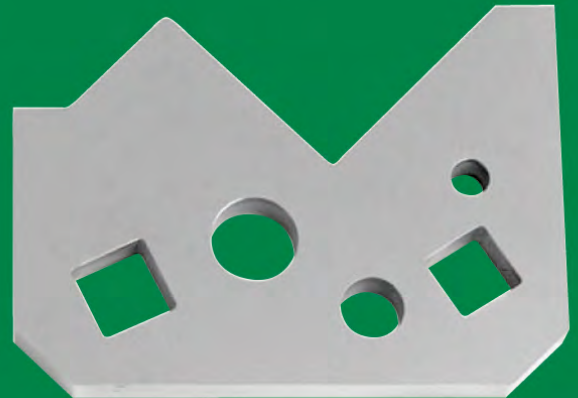
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**MORE HOLES PER DOLLAR**

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fax **1-800-451-6877**

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