

# PUNCH & DIE SETS

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Punch & Die Sets to work with all Edwards Ironworkers are designed to be long-lasting and precise. We offer hundreds of sizes to make whatever size and shape hole your project needs. If you can't find what you need, call for a custom quote.

**IMPORTANT**

The thickness of the material should not exceed the punch diameter.

**TONNAGE**

Use the following formula to calculate the tonnage required to punch a round hole in mild steel:  
 • Punch diameter x Material Thickness x 80 = Tons of pressure required

**EXAMPLE**

To punch a 1/2" hole through 1/4" thick mild steel  $0.500 \times 0.250 \times 80 = 10$  tons required.



STANDARD ROUND PUNCH & DIE SETS	
STOCK #	PRODUCT DESCRIPTION
PD1/8	1/8" ROUND PUNCH & DIE SET
PD5/32	5/32" ROUND PUNCH & DIE SET
PD3/16	3/16" ROUND PUNCH & DIE SET
PD7/32	7/32" ROUND PUNCH & DIE SET
PD1/4	1/4" ROUND PUNCH & DIE SET
PD9/32	9/32" ROUND PUNCH & DIE SET
PD5/16	5/16" ROUND PUNCH & DIE SET
PD11/32	11/32" ROUND PUNCH & DIE SET
PD3/8	3/8" ROUND PUNCH & DIE SET
PD13/32	13/32" ROUND PUNCH & DIE SET
PD7/16	7/16" ROUND PUNCH & DIE SET
PD15/32	15/32" ROUND PUNCH & DIE SET
PD1/2	1/2" ROUND PUNCH & DIE SET
PD17/32	17/32" ROUND PUNCH & DIE SET
PD9/16	9/16" ROUND PUNCH & DIE SET
PD19/32	19/32" ROUND PUNCH & DIE SET
PD5/8	5/8" ROUND PUNCH & DIE SET
PD21/32	21/32" ROUND PUNCH & DIE SET
PD11/16	11/16" ROUND PUNCH & DIE SET
PD23/32	23/32" ROUND PUNCH & DIE SET
PD3/4	3/4" ROUND PUNCH & DIE SET
PD25/32	25/32" ROUND PUNCH & DIE SET
PD13/16	13/16" ROUND PUNCH & DIE SET
PD27/32	27/32" ROUND PUNCH & DIE SET
PD7/8	7/8" ROUND PUNCH & DIE SET
PD29/32	29/32" ROUND PUNCH & DIE SET
PD15/16	15/16" ROUND PUNCH & DIE SET
PD31/32	31/32" ROUND PUNCH & DIE SET
PD1	1" ROUND PUNCH & DIE SET
PD1-1/32	1-1/32" ROUND PUNCH & DIE SET
PD1-1/16	1-1/16" ROUND PUNCH & DIE SET
PD1-1/8	1-1/8" ROUND PUNCH & DIE SET*

OVERSIZE ROUND PUNCH & DIE SETS	
STOCK #	PRODUCT DESCRIPTION
PDOS1	1" OVERSIZE ROUND PUNCH & DIE SET
PDOS1-1/32	1-1/32" OVERSIZE ROUND PUNCH & DIE SET
PDOS1-1/16	1-1/16" OVERSIZE ROUND PUNCH & DIE SET
PDOS1-3/32	1-3/32" OVERSIZE ROUND PUNCH & DIE SET
PDOS1-1/8	1-1/8" OVERSIZE ROUND PUNCH & DIE SET
PDOS1-5/32	1-5/32" OVERSIZE ROUND PUNCH & DIE SET
PDOS1-3/16	1-3/16" OVERSIZE ROUND PUNCH & DIE SET
PDOS1-7/32	1-7/32" OVERSIZE ROUND PUNCH & DIE SET
PDOS1-1/4	1-1/4" OVERSIZE ROUND PUNCH & DIE SET
PDOS1-9/32	1-9/32" OVERSIZE ROUND PUNCH & DIE SET
PDOS1-5/16	1-5/16" OVERSIZE ROUND PUNCH & DIE SET
PDOS1-11/32	1-11/32" OVERSIZE ROUND PUNCH & DIE SET
PDOS1-3/8	1-3/8" OVERSIZE ROUND PUNCH & DIE SET
PDOS1-13/32	1-13/32" OVERSIZE ROUND PUNCH & DIE SET
PDOS1-7/16	1-7/16" OVERSIZE ROUND PUNCH & DIE SET
PDOS1-15/32	1-15/32" OVERSIZE ROUND PUNCH & DIE SET
PDOS1-1/2	1-1/2" OVERSIZE ROUND PUNCH & DIE SET
PDOS1-17/32	1-17/32" OVERSIZE ROUND PUNCH & DIE SET
PDOS1-9/16	1-9/16" OVERSIZE ROUND PUNCH & DIE SET

ALL OVERSIZE ROUND PUNCH & DIE SETS REQUIRE AN OVERSIZE PUNCH ASSEMBLY	
STOCK #	PRODUCT DESCRIPTION
AC1024	OVERSIZE PUNCH ASSEMBLY 40T, 50T, 55T, 60T, 65T, 75T, 100T, 100T DLX IRONWORKERS
AC1026	OVERSIZE PUNCH ASSEMBLY 100T DLX, 120T IRONWORKERS
AC1027	OVERSIZE PUNCH ASSEMBLY 25T IRONWORKERS

\* REQUIRES STOCK # PD0222, COUPLING NUT



- Includes 8 standard round punch & die sets selected to accommodate the most commonly used bolts
- Sized in 1/8" increments from 3/16" to 1-1/16" with 1/32" clearance
- Made of durable tool steel for long life
- Compatible with standard Pedestal Die Table
- Keep organized with our convenient storage case

**PUNCH AND DIE STARTER SET**

STOCK #	PRODUCT DESCRIPTION
PD1000	PUNCH AND DIE STARTER SET

**RED RIVER MACHINERY**  
 1-800-229-0759  
<https://www.redrivermachinery.com>

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STANDARD SQUARE PUNCH & DIE SETS	
STOCK #	PRODUCT DESCRIPTION
PDSQ1/4	1/4" SQUARE PUNCH & DIE SET WITH KEY-WAY
PDSQ5/16	5/16" SQUARE PUNCH & DIE SET WITH KEY-WAY
PDSQ11/32	11/32" SQUARE PUNCH & DIE SET WITH KEY-WAY
PDSQ3/8	3/8" SQUARE PUNCH & DIE SET WITH KEY-WAY
PDSQ13/32	13/32" SQUARE PUNCH & DIE SET WITH KEY-WAY
PDSQ7/16	7/16" SQUARE PUNCH & DIE SET WITH KEY-WAY
PDSQ15/32	15/32" SQUARE PUNCH & DIE SET WITH KEY-WAY
PDSQ1/2	1/2" SQUARE PUNCH & DIE SET WITH KEY-WAY
PDSQ17/32	17/32" SQUARE PUNCH & DIE SET WITH KEY-WAY
PDSQ9/16	9/16" SQUARE PUNCH & DIE SET WITH KEY-WAY
PDSQ19/32	19/32" SQUARE PUNCH & DIE SET WITH KEY-WAY
PDSQ5/8	5/8" SQUARE PUNCH & DIE SET WITH KEY-WAY
PDSQ21/32	21/32" SQUARE PUNCH & DIE SET WITH KEY-WAY
PDSQ11/16	11/16" SQUARE PUNCH & DIE SET WITH KEY-WAY
PDSQ23/32	23/32" SQUARE PUNCH & DIE SET WITH KEY-WAY
PDSQ3/4	3/4" SQUARE PUNCH & DIE SET WITH KEY-WAY
PDSQ25/32	25/32" SQUARE PUNCH & DIE SET WITH KEY-WAY*
PDSQ13/16	13/16" SQUARE PUNCH & DIE SET WITH KEY-WAY*

\* REQUIRES STOCK # PD0222, COUPLING NUT

STANDARD OBLONG PUNCH & DIE SETS	
STOCK #	PRODUCT DESCRIPTION
PDOB1/4X1/2	1/4X1/2 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB9/32X9/16	9/32X9/16 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB3/16X3/4	3/16X3/4 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB1/4X3/4	1/4X3/4 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB5/16X3/4	5/16X3/4 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB7/16X3/4	7/16X3/4 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB9/16X3/4	9/16X3/4 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB3/8X3/4	3/8X3/4 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB1/2X3/4	1/2X3/4 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB13/32X13/16	13/32X13/16 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB3/16X1	3/16X1 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB1/4X1	1/4X1 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB9/32X1	9/32X1 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB5/16X1	5/16X1 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB11/32X1	11/32X1 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB3/8X1	3/8X1 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB13/32X1	13/32X1 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB7/16X1	7/16X1 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB1/2X1	1/2X1 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB17/32X1	17/32X1 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB9/16X1	9/16X1 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB5/8X1	5/8X1 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB11/16X1	11/16X1 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB3/4X1	3/4X1 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB13/16X1	13/16X1 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB5/16X1-1/16	5/16X1-1/16 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB3/8X1-1/16	3/8X1-1/16 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB9/16X1-1/16	9/16X1-1/16 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB11/16X1-1/16	11/16X1-1/16 OBLONG PUNCH & DIE SET WITH KEY-WAY
PDOB13/16X1-1/16	13/16X1-1/16 OBLONG PUNCH & DIE SET WITH KEY-WAY

STANDARD METRIC PUNCH & DIE SETS	
STOCK #	PRODUCT DESCRIPTION
PDM4	4MM METRIC PUNCH & DIE SET
PDM5	5MM METRIC PUNCH & DIE SET
PDM6	6MM METRIC PUNCH & DIE SET
PDM7	7MM METRIC PUNCH & DIE SET
PDM8	8MM METRIC PUNCH & DIE SET
PDM9	9MM METRIC PUNCH & DIE SET
PDM10	10MM METRIC PUNCH & DIE SET
PDM10.5	10.5MM METRIC PUNCH & DIE SET
PDM11	11MM METRIC PUNCH & DIE SET
PDM12	12MM METRIC PUNCH & DIE SET
PDM13	13MM METRIC PUNCH & DIE SET
PDM14	14MM METRIC PUNCH & DIE SET
PDM15	15MM METRIC PUNCH & DIE SET
PDM16	16MM METRIC PUNCH & DIE SET
PDM16.5	16.5MM METRIC PUNCH & DIE SET
PDM17	17MM METRIC PUNCH & DIE SET
PDM18	18MM METRIC PUNCH & DIE SET
PDM19	19MM METRIC PUNCH & DIE SET
PDM20	20MM METRIC PUNCH & DIE SET
PDM20.5	20.5MM METRIC PUNCH & DIE SET
PDM21	21MM METRIC PUNCH & DIE SET
PDM21.5	21.5MM METRIC PUNCH & DIE SET
PDM22	22MM METRIC PUNCH & DIE SET
PDM23	23MM METRIC PUNCH & DIE SET
PDM24	24MM METRIC PUNCH & DIE SET
PDM24.5	24.5MM METRIC PUNCH & DIE SET
PDM25	25MM METRIC PUNCH & DIE SET
PDM26	26MM METRIC PUNCH & DIE SET

STANDARD HEXAGON PUNCH & DIE SETS	
STOCK #	PRODUCT DESCRIPTION
PDH3/8	3/8" HEX PUNCH & DIE SET WITH KEY-WAY
PDH7/16	7/16" HEX PUNCH & DIE SET WITH KEY-WAY
PDH15/32	15/32" HEX PUNCH & DIE SET WITH KEY-WAY
PDH1/2	1/2" HEX PUNCH & DIE SET WITH KEY-WAY
PDH17/32	17/32" HEX PUNCH & DIE SET WITH KEY-WAY
PDH9/16	9/16" HEX PUNCH & DIE SET WITH KEY-WAY
PDH19/32	19/32" HES PUNCH & DIE SET WITH KEY-WAY
PDH5/8	5/8" HEX PUNCH & DIE SET WITH KEY-WAY
PDH11/16	11/16" HEX PUNCH & DIE SET WITH KEY-WAY
PDH23/32	23/32" HEX PUNCH & DIE SET WITH KEY-WAY
PDH3/4	3/4" HEX PUNCH & DIE SET WITH KEY-WAY
PDH25/32	25/32" HEX PUNCH & DIE SET WITH KEY-WAY