







# WILLIAMS

## **PILOT PUNCHES**

### **Heavy Duty Industrial Grade**

Product Code	Stock Size	Point Diameter	Length (Inches)
P-51	1/4	1/16	<b>2</b> <sup>3</sup> ⁄ <sub>4</sub>
P-52	1/4	5⁄64	3 <sup>1</sup> / <sub>4</sub>
P-53	1/4	<sup>3</sup> /32	3 <sup>1</sup> /2
P-54	1/4	1/8	4
P-55	1/4	5/32	4 <sup>1</sup> / <sub>2</sub>
P-56	3/8	3/16	4 <sup>1</sup> / <sub>2</sub>
P-57	3/8	7/32	5
P-58	7/16	1/4	5 ½
P-59	7/16	5/16	6
P-60	1/2	3/8	6
P-61	5/8	7/16	6
P-62	5/8	1/2	6

#### Features

- Designed to apply equal pressure to the end of a pin driving it straight through the hole.
- The ball on the center of the point end assures proper contact with the pin eliminating damage to the pin or hole wall.

# WILLIAMS

## **PIN PUNCHES**

#### **Heavy Duty Industrial Grade**

Product Code	Stock Size	Point Diameter	Length (Inches)
P-3	5/16	3/32	<b>4</b> <sup>1</sup> / <sub>2</sub>
P-4	5/16	1/8	4 <sup>3</sup> / <sub>4</sub>
P-5	5/16	5/32	5
P-6	3/8	3/16	5 <sup>1</sup> /4
P-8	3/8	1/4	5 <sup>3</sup> /4
P-10	7/16	5/16	6

#### Features

 For driving out and removing already loosened pins and keys after initial movement by a solid or starter punch.

## WILLIAMS

## SOLID PUNCHES

### **Heavy Duty Industrial Grade**

Product Code	Stock Size	Point Diameter	Length (Inches)
P-12	3/8	1/16	5
P-13	3/8	3/32	5
P-14	3/8	1/8	5
P-15	3/8	5/32	5
P-16	3/8	3/16	5
P-18	3/8	7/32	5
P-17	3/8	1/4	5

### Features

- For loosening frozen or tight pins and keys or knocking out rivets.
- Also called starter punches because they are ideal for loosening frozen pins.

**YAUSA** 

\* AUSA

Made in U.S.A

\* XVSA