

## PRECISION SHOP TOOLS

### WIGGLER OR CENTER FINDER WITH ATTACHMENTS 828

Wiggler/Center Finder S828 and four different attachments adapt to countless applications and are readily interchangeable. The attachments are snapped in the chuck without removing the collet nut and are clamped by a ball swivel-joint that permits adjustment to an angular position or true concentricity.

**With Pointed Shank 828A**, working centers can be quickly and accurately located. Spring tension on the ball of the point permits guiding the point to true concentricity so that the work can be brought into perfect alignment with the machine spindle.

**Ball Contact 828B** is useful in locating work by first bringing the contact (ball diameter .250" or 6.35mm) against the work, a slot, hole, shoulder, or end, and indexing the work to the desired position relative to the spindle.

**Disc Contact 828C**, which has a small disc at the end (.100"/2.54mm) diameter, permits use in more confined areas such as slots or shallow holes.

**Offset Indicator Holder 828D** with the Last Word® Test Indicators, the user can sweep holes or O.D.s for checking run-out or concentricity, establish center distances, check straightness or alignment of flat surfaces.



Complete set with case includes: 828B Ball Contact, 828A Wiggle/Center Finder with pointed shank, 828C Disc Contact, and 828D Offset Indicator Holder

#### Wiggler or Center Finder with Attachments

Cat. No.	EDP	Description
S828HZ	53064	Wiggler/Center Finder, Complete with case and 4 attachments, 828B, C, D, PT09186
S828	53065	Wiggler/Center Finder with 3 Attachments, 828B, C, PT09186, without indicator holder, without case
828A	53066	Wiggler/Center finder with pointed shank
PT09186	71164	Pointed Shank only
828B	53067	Ball contact only (.250"/6.35mm ball)
828C	53068	Disc contact only (.100"/2.54mm disc)
828D	53069	Offset indicator holder only



### 827 EDGE FINDERS

#### .375", .500" AND 10MM BODY DIAMETERS FOR FAST, ACCURATE WORK LOCATION

Work surfaces may be located easily, quickly and accurately with these edge finders. Work with flat, straight edges, shoulders, grooves, round work, studs, dowels or center points and scribed lines – all can be accurately located with this handy tool. Body and contacts are made of tool steel, hardened, ground and lapped to close tolerances for diameter and concentricity.

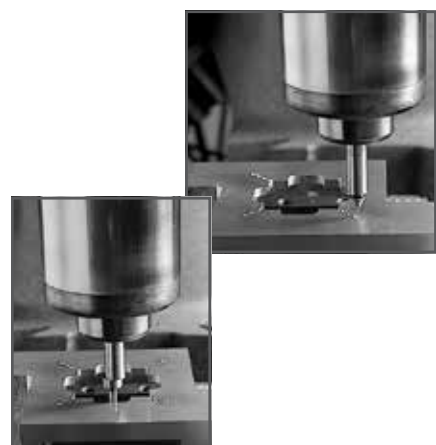
#### How To Use:

Edge finders are easy to use. They are placed in a collet or chuck. The worktable is then traversed to obtain contact between the rotating edge finder and the work. Contact will shift to concentric position relative to the body and with very slight additional table adjustment, will move off center with a decided wobble. At this point, the center of the finder is exactly one-half the diameter of the contact from the work edge, permitting accurate location for other machining operations relative to the edge.

For locating center points and scribed lines, the pointed contact is used by putting a pencil or rule against the center point and making it run concentrically. Then the point is brought down to the center point or intersection of scribed lines and the table is adjusted so that when the tool barely touches the work, the lineup with the point in question can be ascertained.

827 Edge Finders				
Cat. No.	EDP	Body Diameter	Contact Diameter	Description
827A	53062	.375"	.200"	Single End
827B	53063	.500"	.200" and pointed contact	Double End
827MA	56041	10mm	6mm	Single End
827MB	66452	10mm	6mm and pointed contact	Double End

Furnished in attractive, protective case.



Above: Locating the center with 827MB  
Left: Locating the edge of a part with 827MA

