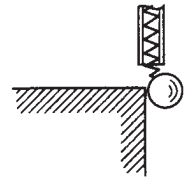
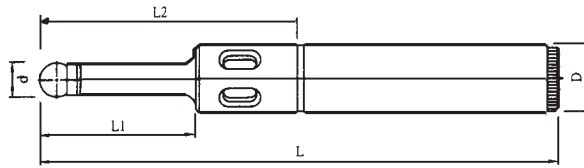


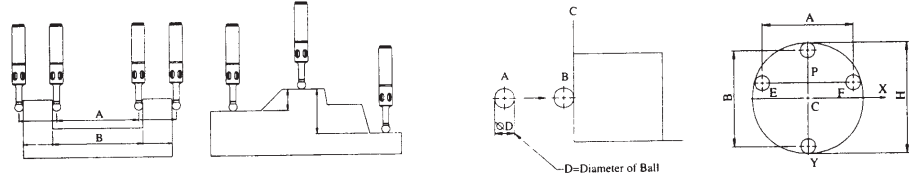
# Electronic Edge Finder



Order No.	Type	D	d	L	L <sub>1</sub>	L <sub>2</sub>	Version
460-045	KCF-3404	3/4"	0.400 "	6.00"	1.80"	3.00"	INCH

Battery: 1 x 12V

- Main Features:**
- Accuracy of ball:  $\pm 0.002$  mm/0.00008"
  - Concentricity of ball-probe and shank: 0.005 mm/0.0002"
  - Spring loaded ball-probe for preventing damage of probe



## Electronic Edge Finder with beeper

## Description and Operation Manual For Electronic Edge Finder

1. Remove the cap and load the batteries
2. Make contact between the shank and the ball to check that the diode-lamp lights.
3. Assemble the gauge to the machines spindle (A) with the use of a chuck.
4. Feed the machine table (manually) toward the workpiece. When the ball touches the surface (edge) where the measurement shall start the LED lights (Red).
5. The digital read out device or the machine scales shall be read off or set to zero.
6. Feed the machine table to the next measuring point.  
When the ball touches the workpiece the LED lights.
7. Read off the moved distance on the digital readout device/machine scales.

### INSIDE/OUTSIDE MEASURING:

B = distance to measurement  
A = moved distance  
D = ball diameter  
Inside measurement  
Value:  $B = A + D$   
Outside measurement  
Value:  $B = A - D$

### HEIGHT/DEPTH MEASURING:

The moved distance between the measuring points is the actual measured value.

### CENTERING/MEASURING OF HOLES:

1. Move the electronic edge finder to any position inside the hole
2. Touch the hole walls (E/F). Moved distance (A) Divided by 2 gives the centerline (Y).
3. Moved distance (B) between the hole moving across the Y-axis centerline + D = hole diameter (H).
4. The hole center (C) - hole diameter (H) divided by 2.