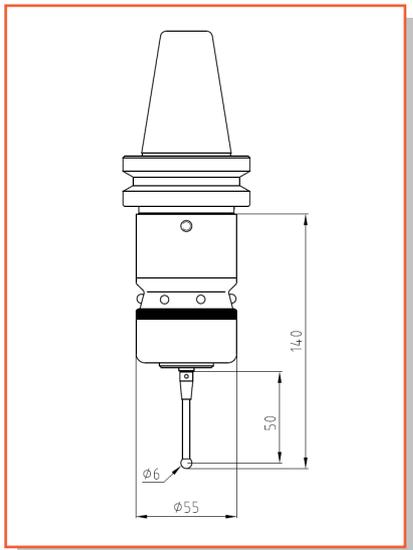


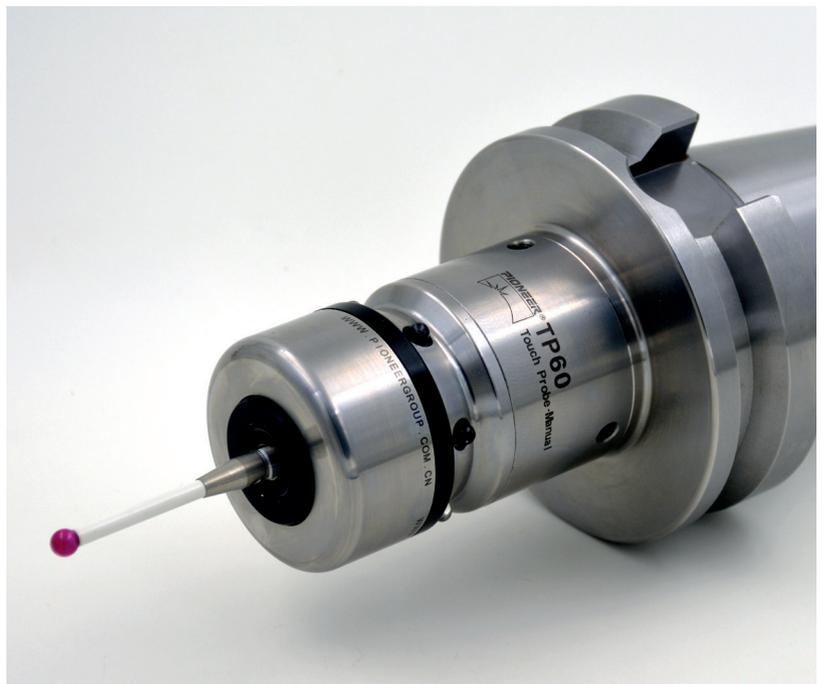
## Composition of Probe

TP60 trigger probe consist of three pieces:  
 1) TP60 trigger probe main body(with battery compartment);  
 2) The probe shank is 7:24 taper shank with the BT or ISO standards ;  
 3) Stylus(standard model: M4-P50-RB6-S36).



## Application

- ◆ Setting work-piece coordinate system and machining zero points automatically before processing;
- ◆ Detect and control the key dimensions, position coordinates and their precision automatically between two processes;
- ◆ Detect precision of the key dimensions, shapes, position after processing.
- ◆ Suitable for workpiece measurement of various solid materials



## Technical Parameters

- ◆ Stylus sensing direction:  $\pm X, \pm Y, +Z$ ;
- ◆ Stylus sensing over-travel :  $X-Y \pm 12^\circ, Z +5 \text{ mm}$ ;
- ◆ The trigger force in Z direction: 1000 g;
- ◆ Trigger force in X-Y surface ( standard stylus ) : 65-130g;
- ◆ Unidirectional repeatability ( $2\sigma$ ) :  $\leq 1 \mu\text{m}$ ;
- ◆ Battery specification: CR2, 3.0V,800mAh; 1 ps.;
- ◆ Seal grade: IP 67.

## Technical Characteristics

- ◆ Coaxial adjustment function of probe and shank:  
By adjusting the connecting link between the main body of the probe and the taper shank, coaxiality about the center of the measuring ball on the stylus and the center line of the taper shank can be adjusted;
- ◆ Six LED indicator lights are used to show the trigger state of the probe.

## Notes for purchase

- ◆ As for special stylus, check whether the standard stylus equipped with the TP60 probe can meet the requirements and whether it is necessary to order special stylus;
- ◆ As for the probe taper shank, verify the taper hole' s standards and specifications of the machine tool spindle before ordering the probe; The uncommonly used standard and specifications of the taper shank will lead to the increase of probe price and the delay of delivery time, The taper shank provided by us for the probe isn' t equipped with the pull stud.