

# TOUCH POINT (ELECTRONIC SENSOR)

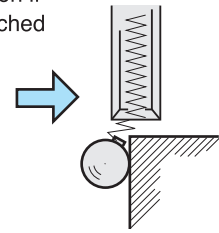


## High Sensitive Position Sensor

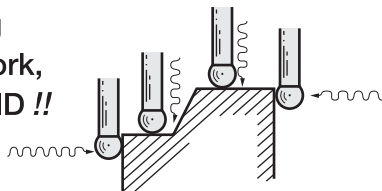


- Instant Indication of red LED Lamp.
- Instant Indication by red LED lamp at very light contact of Sensor Ball with Workpiece.
- Ideal for Centre Detecting with Milling Machine, Boring Mill, Drilling Machine and Machining Centre.
- Repeatability: within 2 micron.
- Safety Mechanism against Overrun !!

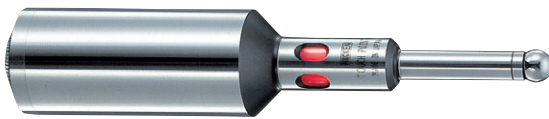
The ball is pulled up by spring. Even if overrun happens, ball will be detached from the ball seat.



- Easy Checking Location of Work, Face, OD and ID !!

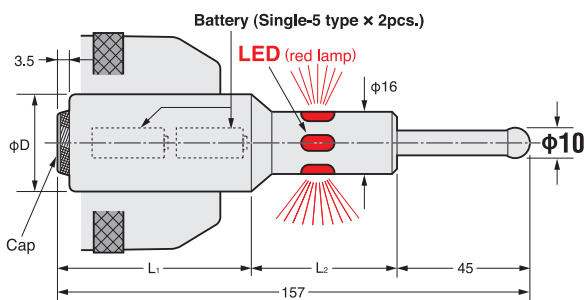


### Straight Shank TOUCH POINT



#### TP

- Can be connected to NIKKEN Milling Chuck C20, C32



Code No.	φD	L <sub>1</sub>	L <sub>2</sub>	Weight (Kg)
TP-20	20	77	35	0.2
TP-32	32	71	41	0.5

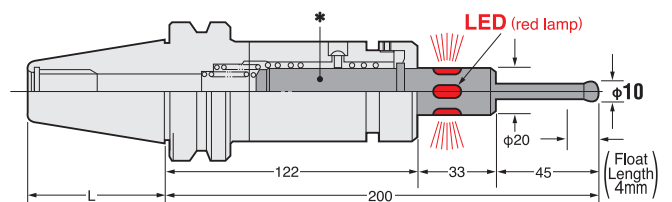
★No Z-axis float in straight shank type TOUCH POINT.  
If float is needed, please order UMT series (S20,S32-UMT). P.127

### TOUCH POINT for machining centre (with Z-axis Float Mechanism)



#### BT-TP

- The Ball End is located 200mm distant from Gauge Line, and can be used as Gauge Line Reference of Z-axis. Ultra precision Float Mechanism in the Thrust Direction enables Soft Touch Detection.



TAPER	Code No.	L	Float Length	Weight (Kg)
No.40	BT40-TP200	65.4	4	1.9
No.50	BT50-TP200	101.8	4	4.5

★No applicable to Non-conductive work piece (Plastic, Bakelite and so on).  
★Included Battery (Single-5 type x 2pcs.)  
★IT40-TP200 and IT50-TP200 are also available.  
★The Code No. of Touch Point marked \* for the spare part is 9TP200S.

NEW

### φ10 Shank TOUCH POINT



#### S10-TP8

- Compact and slim type.
- It can be used for the narrow space and deep groove.
- It's suitable for HSK25A, 32A, 40A and 50A.
- No Z-axis float.

