



Touch Probe TC54-10



Compact touch probe with revolutionary shark360 measuring mechanism

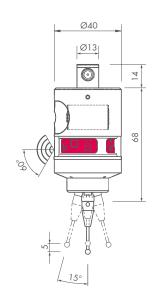
- Workpiece measurement and tool setting in turning and milling machines
- Application in turret
- Pulling measurements

Your benefit:

- Measuring speed up to 2 m/min
- Superior precision due to patented shark360 measuring mechanism
- No-wear, optoelectronic measuring mechanism
- Use of two measuring systems with one IR receiver
- Extended battery life
- Shortened design
- · Precise measurement even with coolant
- Proven and robust design



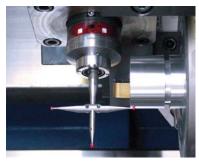
Sequential use of two measuring systems with one infrared receiver.



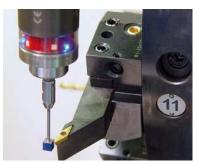




Pulling and pushing measurement



Workpiece measurement in turning machine



Tool measurement in turning machine



shark360 measuring mechanism

Technical data

Protection class	IP68
Approach direction	±X, ±Y, ±Z
Measuring force in XY Z	1.3 N/0.9 N/0.7 N/0.5 N * 5.9 N
Measuring force (LF) in XY \mid Z	0.4 N/0.3 N/0.2 N/0.17 N * 2.0 N
Max. deflection in XY Z	\pm 15 $^{\circ}$ 5 mm
Max. probing speed	2 m/min
Repeatability	0.4 μm 2σ
Max. acceleration	50 m/s^2
Mass	230 g
Signal transmission Range	Infrared \mid ± 60° in Z, 360° in XY
Battery (2 pieces)	Saft Lithium LS14250 , (½ AA, 3.6 V) 1200 mAh
Tool holder	BTH 25 (HSK, SK, BT, VDI,)

* Stylus L = 30 mm/50 mm/75 mm/100 mm LF: Low Force



Blum worldwide
Service & Support

More than 40 subsidiaries and service offices.

www.blum-novotest.com

Blum-Novotest Ltd.

Unit 15 Granary Wharf Business Park Wetmore Road, Burton upon Trent Staffordshire , DE14 1DU United Kingdom

Phone: +44 1283 569691 Fax: +44 1283 563687 info@blum-novotest.co.uk Blum-Novotest, Inc.

4144 Olympic Boulevard Erlanger, KY 41018 USA

Phone: +1 (859) 344 6789 Fax: +1 (859) 344 6799 solutions@blum-novotest.us