



The touch probes TC54-10 and TC64-10 combine all advantages of the **shark360** measuring mechanism with the compactness of a multidirectional Blum standard touch probe. Due to the robust design and the wear-free, face-gearred measuring mechanism, the systems are perfectly suited for the measurement of tools and workpieces in turning and milling centres.



Infrared Transmission



Pulling Measurement



Radio Transmission



Tool Length Measurement



shark360 Technology



Tool Radius Measurement



Wear-free Measuring Mechanism



Tool Breakage Detection



Single & Mass Production



Axes Compensation

*Pulling and pushing measurement*



*Workpiece measurement*



*Tool Measurement*



*Patented **shark360** measuring mechanism with face gear*