



Tool Setting Probes 3D-Series

Versatile and economic – the 3D tool setting probe series comprises universally applicable probes for the measurement of length, radius and tool breakage in the machining centre. The robust probes use a modern, optoelectronic measuring mechanism which is outstanding in its unparalleled precision and longevity.



Hardwired



Tool Length Measurement



Infrared Transmission



Tool Radius Measurement



Radio Transmission



Axes Compensation



Multidirectional



Wear-free Measuring Mechanism



Tool Breakage Detection

ZX-Speed – the hardwired version



ZX-Speed IR – with infrared transmission



ZX-Speed-IR and TC52 in DUO-Mode



Tool Length Measurement