

The following table shows an assortment of the most popular probes. FISCHER's expert consultation can help you select the most suitable probe for your particular measurement application.

Design	Areas of application	Measurement Range	Type	Measurement method
	For electroplated coatings or paint and lacquer coatings.	0 - 2000 μm (0 - 80 mils)	FGAB1.3	Magnetic induction measurement probes (F)
	Ideal for measurements in boreholes, pipes or grooves application diameter $\geq 9\text{mm}$.	0 - 1600 μm (0 - 65 mils)	FGAB11.3-150	
	For electroplated coatings, paint or lacquer coatings. Because of the large probe tip also suitable for rough surfaces.	0 - 1500 μm (0 - 60 mils)	FGA2H	
	Two-tip probe for greater repeatability precision on rough surfaces. Allows for reliable positioning and constant pressure force, even on soft coatings.	0 - 2000 μm (0 - 80 mils)	V7FKB4	
	Two-tip angle probe, particularly well suited for thick coatings. Greater repeatability precision on rough surfaces than single-tip probes.	0 - 8 mm (0 - 320 mils)	FKB10	
	Best suited for paint, lacquer or plastic coatings on non-ferromagnetic metal substrate materials.	0 - 1200 μm (0 - 50 mils)	FTA3.3H	Eddy current measurement probes (NF)
	Right angle probe for measurements on flat specimens or in pipes, boreholes and interim spaces.	0 - 1200 μm (0 - 50 mils)	FAW3.3	
	Because of the excellent curvature compensation ideally suited for measurements on paint, lacquer, anodic and plastic coatings on curved NF surfaces.	0 - 800 μm (0 - 32 mils)	FTD3.3	
	Dual probe for magnetic induction and eddy current methods. The instrument switches automatically to the appropriate method.	NE/Fe 0 - 2000 μm (0 - 80 mils) Iso/NF 0 - 2000 μm (0 - 80 mils)	FD13	
	Duplex probe for the measurement of single coating thicknesses of duplex coatings (paint, zinc) on steel sheet or on steel structures. It is also possible to measure hot-dip galvanized coatings ($\text{Zn} \geq 70 \mu\text{m}$) with diffusion zones.	0-800 μm (0 - 32 mils)	FDX10	Dual-/Duplex-measurement probes (F/NF)