

Krautkramer KBA Series Probes

	Model	Designation	Probe Cable	Contact Diameter	Measuring Range in Steel	Temp Range
	TC-560	TopCoat	KBA-531 A / 532	.625" (15.9mm)	Coating .002-.080"(.05-2.0 mm) Metal: .060-8.00"	< 130° F < 54° C
	DM-401-GP*	General Purpose	KBA-533 / 533 A	.700" (17.8 mm)	.060-8.0" (1.5 - 200 mm)	< 300° F < 148° C
	DM-401-GP-REM*	General Purpose / Remote Send	KBA-533 / 533 A	.700" (17.8 mm)	.060-8.0" (1.5-200 mm)	< 300° F < 148° C
	DM-411-GP	General Purpose	DA-233	.700" (17.8 mm)	.060-8.0" (1.5-200 mm)	< 300° F < 148° C
	FH2E-M	Small Dia. Fingertip	Potted	0.280" (7.1 mm)	0.030-1.0" (.75-25 mm)	< 130° F
A	FH2E	Fingertip	Potted	.380" (9.6 mm)	.030-2.0" (.75-50 mm)	< 130° F
B	FH2E-D*	Fingertip	Potted	.380" (9.6 mm)	.030-2.0" (.75-50 mm)	< 130° F
C	FH2E-D-REM*	Remote Send	Potted	.380" (9.6 mm)	.030-2.0" (.75-50 mm)	< 130° F
D	KB550FH**	Fingertip	Potted	.375" (9.5 mm)	.060-2.0" (1.5-50 mm)	< 130° F
E	5 mm Footprint	5 mm Footprint	Potted	.200" (5 mm)	.025-1.0" (.6-25 mm)	< 130° F
F	General Purpose	General Purpose	KBA531	.625" (15.9 mm)	.060-8.0" (1.5-200 mm)	< 450° F
G	KBA560-D*	General Purpose	KBA531	.625" (15.9 mm)	.060-8.0" (1.5-200 mm)	< 250° F
H	DP-104	High Penetration	KBA532	1.25" (31.8 mm)	.200"min. (5 mm min.)	< 130° F
I	FH2E-WR	Wear Resistant	Potted	.550" (14.0 mm)	.030-2.0" (.75-50 mm)	< 130° F
J	KBA560-WR	Wear Resistant	KBA531	.700" (17.8 mm)	.060-8.0" (1.5-200 mm)	< 450° F
K	FH2E-D-WR*	Wear Resistant	Potted	.550" (14.0 mm)	.030-2.0" (.75-50 mm)	< 130° F
L	HT400/400A***	High Temp	KBA535 / 536	.550" (12.7 mm)	.040-10.0" (1.0-254 mm)	< 1000° F
M	KB550BTH**	Studded Boiler Tube	CBTH	.375" (9.5	.060-2.0" (1.5-50	< 130° F

				mm)	mm)	
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Krautkramer DA Series Probes

Model	Designation	Freq. (MHz)	Probe Cable	Contact Diameter	Measuring Range in Steel	Temp Range
DA-301	General Purpose Non-Dialog, ON-Block	5	DA-231	0.475" (12.1 mm)	.050-8.0" (1.2-200 mm)	< 140° F < 60° C
DA-401	General Purpose Non-Dialog, ON-Block	5	DA-231	0.475" (12.1 mm)	.050-8.0" (1.2-200 mm)	< 140° F < 60° C
DA-451	General Purpose Non-Dialog, ON-Block	5	DA-231	0.475" (12.1 mm)	.050-8.0" (1.2-200 mm)	< 140° F < 60° C
DA-312	Thin Materials Non-Dialog, ON-Block	10	DA-235	0.300" (7.5 mm)	0.025-2.0" (.6-50 mm)	< 140° F < 60° C
DA-312B16 **	External Pitting (straight) Non-Dialog, ON-Block	10	Potted	0.120" (3 mm)	0.030-.500" (.7-12 mm)	< 140° F < 60° C
DA-312B29 **	External Pitting (straight) Non-Dialog, OFF-Block	10	DA-235	0.300" (7.5 mm)	0.030-.500" (.7-12 mm)	< 140° F < 60° C
DA-412	Thin Materials Dialog, ON-Block	10	DA-235	0.300" (7.5 mm)	0.025-2.0" (.6-50 mm)	< 140° F < 60° C
DA-462	Thin Materials Dialog, ON-Block	10	DA-235	0.300" (7.5 mm)	0.025-2.0" (.6-50 mm)	< 140° F < 60° C
DA0.8G	High Penetration Non-Dialog, ON-Block	0.8	DA-231	1.25" (29 mm)	0.250-2.5" (7-60 mm)	< 140° F < 60° C
DA-408	High Penetration Dialog, OFF-Block	0.8	DA-231	1.25" (29 mm)	0.250-2.5" (7-60 mm)	< 140° F < 60° C
DA-458	High Penetration Dialog, ON-Block	0.8	DA-231	1.25" (29 mm)	0.250-2.5" (7-60 mm)	< 140° F < 60° C
DA-303	Penetration Non-Dialog, ON-Block	2	DA-231	0.65" (16 mm)	0.200-12.0" (5-300 mm)	< 140° F < 60° C
DA-403	Penetration Dialog, OFF-Block	2	DA-231	0.65" (16 mm)	0.200-12.0" (5-300 mm)	< 140° F < 60° C
DA-453	Penetration Dialog, ON-Block	2	DA-231	0.65" (16 mm)	0.200-12.0" (5-300 mm)	< 140° F < 60° C
DA-305 ***	High Temperature Non-Dialog, ON-Block	5	DA-235	0.650" (16 mm)	0.150-2.5" (4-60 mm)	< 1100° F < 600° C
DA-315***	High Temperature Non-Dialog, ON-Block	2	DA-233	0.650" (16 mm)	0.200-6.0" (5-150 mm)	< 575° F < 300° C
DA-317 ***	High Temperature Non-Dialog, ON-Block	5	DA-233	0.500" (12.5 mm)	0.150-2.5" (2-80 mm)	< 575° F < 300° C
DA-319 ***	High Temperature	10	DA-233	0.300" (7.5 mm)	0.040-0.60" (1.0-15 mm)	< 575° F < 300° C

*DIALOG Intelligent Probes when used with DM4E, DM4, and DM4DL

**2-PT Calibration required on DM4E, DM4, and DM4DL

***Temp cycled per Krautkramer instructions / Limited measurement range

^ DMS and DMS 2 only

· Specifications are subject to change without notice

Thickness Gauge Probes – Minimum Pipe Diameter

Probe Types	Contact Diameter	Min. Pipe Diameter
DP-104 / DA-0.8G	1.250" / 31.8mm	12" / 304mm
DM-401 / 411	0.700" / 17.8mm	6" / 152mm
DA-303 / 403	0.635" / 16.2mm	5" / 127mm
KBA-560	0.625" / 15.9mm	5" / 127mm
HT-400 / 400A	0.500" / 12.7mm	2" / 50mm
DA-301 / 401 / 451	0.475" / 12.1mm	1" / 25mm
FH2E	0.380" / 9.6mm	1" / 25mm
DA-312 / 412 / 465	0.300" / 7.6mm	0.75" / 20mm
KBA-525	0.200" / 5mm	0.75" / 20mm
DA312B16 / B29	0.120" / 3mm	0.70" / 15mm