Key UT parameters

MANIK TRADING technical reference table

Parameter	Effect	Required record
Frequency	Resolution and attenuation	MHz and probe type
Beam angle	Sensitivity to orientation	Straight/angle beam
Sound velocity	Converts time of flight to distance	Material velocity and calibration
Couplant	Energy transfer into part	Type and stability
Scan and coverage	Probability of beam/flaw interaction	Speed, pitch and zone

Source / basis: ISO 16810:2024 — Ultrasonic testing — General principles