

FUNCTIONAL SPECIFICATIONS OF CHORD TRANSDUCERS

To calibrate the ultrasonic flaw detector when working with "chord" type transducers, reference blocks of sizes $\text{Ø}28*3.0$ and $\text{Ø}57*3.5$ are used.

Conditional Sensitivity and Signal-to-Noise Ratio measured on a flat-bottom drilling type reflector on a calibration block of an enterprise

	reference block $\text{Ø}28*3,0$	reference block $\text{Ø}57*3,5$
Diameter and depth of the reflector, mm	$\text{Ø}1/12$	$\text{Ø}1/12$
Required conditional sensitivity, dB, not less	98	90
Required S/W ratio, dB not less than	20	16