

TOFD PROBES - TFDT edition

Technical characteristics :

- Longitudinal wave transducers
- High-energy piezoelectric element
- High resolution thanks to a very short time pulse signal
- LEMO 00 or MICRODOT using an upper output connector
- Bandwidth adapted to more than 80% TOFD inspections
- Inspection of more than 6 mm thick welds
- Wedges including 2 water inlets to allow good coupling

Main applications :

- Weld inspections compliant to NF EN ISO 10863 (See the devices recommended according to the nature of the material and to the part to be inspected)
- Wedges and probes highly compatible with gripper systems and with CALIPER or EKOSCAN COMPASS expertise for instance

PROBE REFERENCE	FREQUENCY IN MHZ	CRYSTAL SIZE (mm)	THREAD DIAMETER OF THE WEDGE IN MM	WEDGES TO CONTROL USING TRANSVERSE WAVES
TFDT10-3/M**	10	3	Ø 10 ou Ø 12	WT38/45/60/70-**
TFDT15-3/M**	15	3	Ø 10 ou Ø 12	WT38/45/60/70-**
TFDT3,5-6/M**	3,5	6	Ø 10 ou Ø 12	WT38/45/60/70-**
TFDT5-6/M**	5	6	Ø 10 ou Ø 12	WT38/45/60/70-**
TFDT7,5-6/M**	7,5	6	Ø 10 ou Ø 12	WT38/45/60/70-**
TFDT10-6/M**	10	6	Ø 10 ou Ø 12	WT38/45/60/70-**
TFDT15-6/M**	15	6	Ø 10 ou Ø 12	WT38/45/60/70-**
TFDT3,5-10/M12	3,5	10	Ø 12	WT38/45/60/70-12
TFDT5-10/M12	5	10	Ø 12	WT38/45/60/70-12
TFDT7,5-10/M12	7,5	10	Ø 12	WT38/45/60/70-12
TFDT10-10/M12	10	10	Ø 12	WT38/45/60/70-12
TFDT2,25-13/M20	2,25	13	Ø 20	WT38/45/60/70-20
TFDT5-13/M20	5	13	Ø 20	WT38/45/60/70-20
TFDT2,25-19/M25	2,25	19	Ø 25	WT38/45/60/70-25
TFDT3,5-19/M25	3,5	19	Ø 25	WT38/45/60/70-25
TFDT5-19/M25	5	19	Ø 25	WT38/45/60/70-25

Additional characteristics (high temperature applications, frequency, angle, piezo size, top connectors) upon request
Steel value, please contact us about other materials (aluminium, cast iron, stainless steel, plastic parts)

** Thread diameter chosen in mm



Ø 10 - 12

COMPASS

TOFD KIT