

TOFD

Features

Integral TOFD

- Faster and easier setup time
 - no connection between transducer and wedge necessary
- Consistent sensitivity
 - No couplant inconsistencies between transducer and wedge pairing.
- Greater reliability
 - Transducer and wedge cannot become loosened during use
- Eliminates the risk of breakage between transducer and wedge
- Available in a variety of angles, frequencies and crystal sizes.



Part number	Crystal Size (mm)	Standard Frequency (MHz)	Standard Angles (°)	Available Connectors		
				Microdot	Subvis	Lemo 00
ITOFD-001	3	5	45°	•	•	•
ITOFD-002	3	5	60°	•	•	•
ITOFD-003	3	5	70°	•	•	•
ITOFD-004	6	5	45°	•	•	•
ITOFD-005	6	5	60°	•	•	•
ITOFD-006	6	5	70°	•	•	•
ITOFD-007	3	10	45°	•	•	•
ITOFD-008	3	10	60°	•	•	•
ITOFD-009	3	10	70°	•	•	•
ITOFD-010	6	10	45°	•	•	•
ITOFD-011	6	10	60°	•	•	•
ITOFD-012	6	10	70°	•	•	•

LIMBOTOFD™

- Low Profile
 - Only 10 mm high allowing easy access to previously inaccessible areas which are currently untestable using conventional TOFD transducers
- Reduces inspection cost
 - No need to implement other possible disruptive inspection methods such as Radiography
- High signal to noise
 - Single cycle responsiveness using a 10 or 15 MHz
- Integral Wedge
 - Unique patent pending design providing convenient use without the need to change wedges providing the assurance of the transducer / wedge couplant film



Part Number	Description	Crystal Size (mm)	Standard Frequency (MHz)	Standard Angles (°)	Position	
					L (Front)	R (Rear)
LIMBOTOFD-001	45° low-profile-TOFD 10M 3mm L	3	10	45	•	
LIMBOTOFD-002	45° low-profile-TOFD 10M 3mm R	3	10	45		•
LIMBOTOFD-003	60° low-profile-TOFD 10M 3mm L	3	10	60	•	
LIMBOTOFD-004	60° low-profile-TOFD 10M 3mm R	3	10	60		•
LIMBOTOFD-005	70° low-profile-TOFD 10M 3mm L	3	10	70	•	
LIMBOTOFD-006	70° low-profile-TOFD 10M 3mm R	3	10	70		•
LIMBOTOFD-007	45° low-profile-TOFD 10M 6mm L	6	10	45	•	
LIMBOTOFD-008	45° low-profile-TOFD 10M 6mm R	6	10	45		•
LIMBOTOFD-009	60° low-profile-TOFD 10M 6mm L	6	10	60	•	
LIMBOTOFD-010	60° low-profile-TOFD 10M 6mm R	6	10	60		•
LIMBOTOFD-011	70° low-profile-TOFD 10M 6mm L	6	10	70	•	
LIMBOTOFD-012	70° low-profile-TOFD 10M 6mm R	6	10	70		•
LIMBOTOFD-013	45° low-profile-TOFD 15M 3mm L	3	15	45	•	
LIMBOTOFD-014	45° low-profile-TOFD 15M 3mm R	3	15	45		•
LIMBOTOFD-015	60° low-profile-TOFD 15M 3mm L	3	15	60	•	
LIMBOTOFD-016	60° low-profile-TOFD 15M 3mm R	3	15	60		•
LIMBOTOFD-017	70° low-profile-TOFD 15M 3mm L	3	15	70	•	
LIMBOTOFD-018	70° low-profile-TOFD 15M 3mm R	3	15	70		•
LIMBOTOFD-019	45° low-profile-TOFD 15M 6mm L	6	15	45	•	
LIMBOTOFD-020	45° low-profile-TOFD 15M 6mm R	6	15	45		•
LIMBOTOFD-021	60° low-profile-TOFD 15M 6mm L	6	15	60	•	
LIMBOTOFD-022	60° low-profile-TOFD 15M 6mm R	6	15	60		•
LIMBOTOFD-023	70° low-profile-TOFD 15M 6mm L	6	15	70	•	
LIMBOTOFD-024	70° low-profile-TOFD 15M 6mm R	6	15	70		•