

MW SERIES

MW - 8x9

Shear waves angle beam transducers

MINIATURE EDITION

Technical specifications

- Shear wave transducer
- High-energy piezoelectric element
- LEMO00 back or top output connectors upon request
- Shielding adapted to automated control
- High resolution, sensivity and repetability
- AVG diagrams available upon request
- Wear resistant probes

Main applications

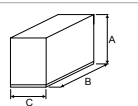
- Contact inspection
- Inspection of parts with complex geometry
- Parts from 8 mm to 50 mm thick
- Used for production and maintenance
- Can be used up to 100°C

REFERENCE	REFRACTED ANGLE* IN °	FREQUENCY (MHZ)	CRYSTAL SIZE (mm)	CONNECTOR
SHEAR WAVE ANGLE BEAM TRANSDUCERS				
MW38-2	38	2	8x9	Lemo00
MW45-2	45	2	8x9	Lemo00
MW60-2	60	2	8x9	Lemo00
MW70-2	70	2	8x9	Lemo00
MW38-4	38	4	8x9	Lemo00
MW45-4	45	4	8x9	Lemo00
MW60-4	60	4	8x9	Lemo00
MW70-4	70	4	8x9	Lemo00
SURFACE WAVE TRANSDUCER				
MW90-4	90	4	8x9	Lemo00

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)

A	22mm
B	28mm
C	16,7mm



MW45-4



MW60-2

www.ekoscan.fr

3, rue Saint-Georges 71100 CHALON-SUR-SAÔNE - FRANCE / +33 9-81-80-30-79 / contact@ekoscan.fr

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MW PC SERIES

MW PC - 8x9

Shear waves angle beam transducers

PIEZO COMPOSITE MINIATURE EDITION

Technical specifications

- Shear wave transducer
- High-energy piezoelectric element
- LEMO00 back or top output connectors upon request
- Shielding adapted to automated control
- High resolution, sensivity and repetability
- AVG diagrams available upon request
- Wear resistant probes

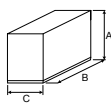
Main applications

- Contact inspection
- Inspection of parts with complex geometry
- Parts from 8 mm to 50 mm thick
- Used for production and maintenance
- Can be used up to 100°C

PROBE REFERENCE	REFRACTED ANGLE* IN°	FREQUENCY IN MHZ	CRYSTAL SIZE (mm)	CONNECTOR
MW38-2 PC	38	2	8x9	Lemo00
MW45-2 PC	45	2	8x9	Lemo00
MW60-2 PC	60	2	8x9	Lemo00
MW70-2 PC	70	2	8x9	Lemo00
MW38-4 PC	38	4	8x9	Lemo00
MW45-4 PC	45	4	8x9	Lemo00
MW60-4 PC	60	4	8x9	Lemo00
MW70-4 PC	70	4	8x9	Lemo00

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)

A	22mm	
B	28mm	
C	16,7mm	



MW45-4PC



MW60-2PC

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