

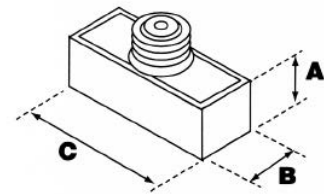
Immersion Transducers

Paintbrush Style

Paintbrush Style Immersion Transducers (PB) are designed to maximize the scan index of ultrasonic immersion testing thus reducing the scan time for large plates such as steel or aluminum. The unique design provides uniform sensitivity across the length to within $\pm 1.5\text{dB}$. The standard flat PB are up to 3.0 inches or 76.2 millimeters in length. Cylindrically focused PB combine small case diameters and extended working length facilitating access where hard to reach areas are encountered.

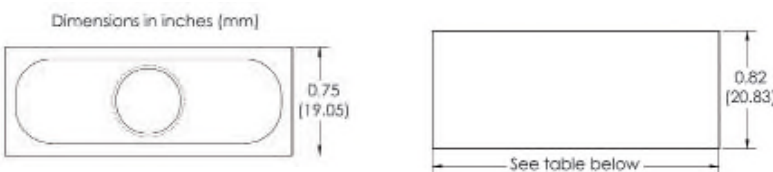
Advantages:

- Large scan indexes to reduce scan time for plate inspection.
- Transverse axis flat within $\pm 1.5\text{dB}$.
- Length up to 3.0 inches or 76.2 millimeters.
- Cylindrical focusing available.



| FREQUENCY (MHz) | SIZE INCHES (mm) | | |
|-----------------|--------------------------|--------------------------|--------------------------|
| | 1.5 X 0.25 (38.1 X 6.35) | 2.0 X 0.25 (50.4 X 6.35) | 3.0 X 0.25 (76.2 X 6.35) |
| 2.25 | PB021 | PB022 | PB023 |
| 3.50 | PB031 | PB032 | PB033 |
| 5.00 | PB051 | PB052 | PB053 |
| 7.50 | PB071 | PB072 | PB073 |
| 10.00 | PB101 | PB102 | PB103 |

| SIZE INCHES (mm) | A | B | C |
|---------------------------|---------------|--------------|-------------|
| 3.00 x 0.25 (76.2 x 6.35) | 0.82 (20.828) | 0.75 (15.24) | 3.0 (76.20) |
| 2.0 x 0.25 (50.4 x 6.35) | 0.82 (20.828) | 0.75 (15.24) | 2.5 (63.50) |
| 1.5 x 0.25 (38.1 x 6.35) | 0.82 (20.828) | 0.75 (15.24) | 2.0 (50.40) |



| SIZE INCHES (mm) | DIMENSIONS INCHES (mm) |
|------------------|------------------------|
| 3.0 (76.2) | 3.0 (76.2) |
| 2.0 (50.8) | 2.5 (63.5) |
| 1.5 (38.1) | 2.0 (50.8) |