

D E F E N C E

PZT Plates & Blocks

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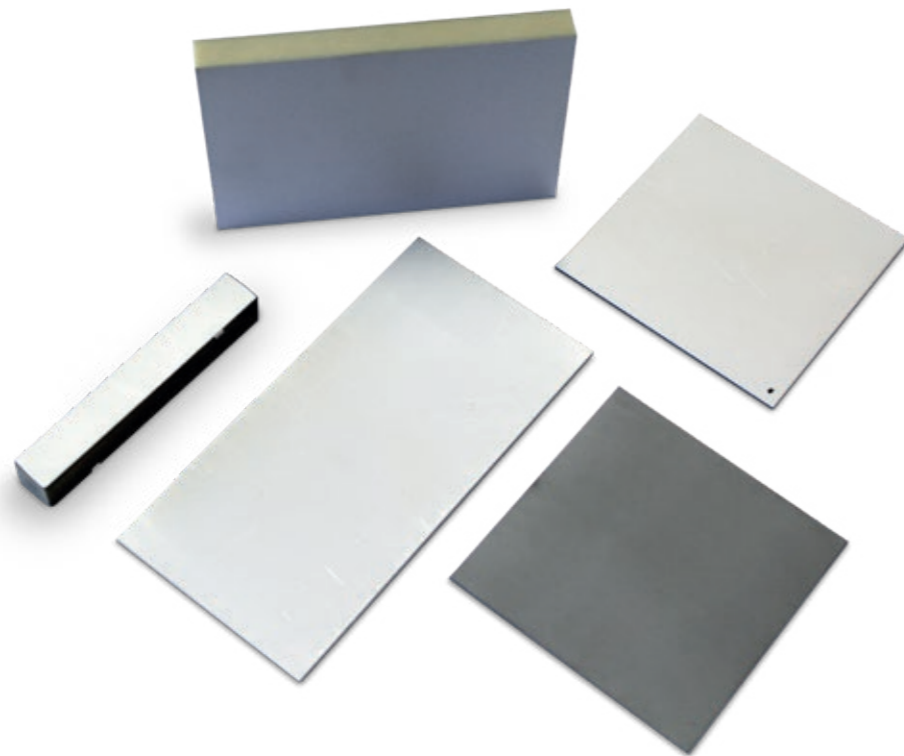


Material data

facts figures

PZT Plates & Blocks

CeramTec produce a range of standard and custom designed Plates & Blocks for use in 1-3 composites for defence and commercial sonar systems. We have the capability to provide machined thicknesses up to 50 mm and lengths & widths up to 200 mm in various combinations.



Typical Materials

Typical Materials	Navy Type
PZT4 Series	I
PZT5A Series	II
PZT807	III
PZT5H1	VI

Standard Plate / Block Sizes:

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58 mm x 58 mm
70 mm x 45 mm
80 mm x 55 mm
80 mm x 80 mm
90 mm x 45 mm
100 mm x 50 mm
108 mm x 108 mm
115 mm x 65 mm
145 mm x 110 mm

Size Range:

- Length & Width: Up to 200mm
- Thickness: Up to 50mm

Standard mechanical tolerances

- Length & Width: $\pm 0.15\text{mm}$
- Thickness: $\pm 0.05\text{mm}$

Shape examples

