

D E F E N C E

PZT Hemispheres and Full Sphere Assemblies

CA220106/EN/2205/100/IM



Material data

facts figures

PZT Hemispheres and Full Sphere Assemblies

CeramTec produce a range of Standard and custom designed Hemispheres and / or complete Assemblies with over moulding for sonar systems used for anti-submarine warfare and mine hunting systems, including towed array systems for ASW, diver detection systems and commercial oil & gas surveying.



Typical Materials

Material	Navy Type
PZT4 Series	I
PZT5A Series	II
PZT807	III

Typical Diameter Sizes

Typical Diameter Sizes mm	
mm	Inches
6	0,23
12,7	0,50
19,05	0,75
22	0,86
25,4	1,00
31,75	1,25
50,8	2,50
76,2	3,00
101,6	4,00
152,4	6,00

Size Range:

- Outside Diameter from 6 mm (0.24") up to 203.2 mm (8")
- Wall thickness: 1 mm (0.04") up to 10mm (0.39")

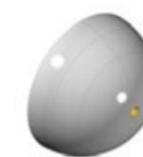
Standard mechanical tolerances

- Outside Diameter from 6 mm (0.24") up to 203.2 mm (8")
- Wall thickness: 1 mm (0.04") up to 10 mm (0.39")

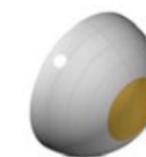
Typical Shapes



Standard



Hole in apex



Custom

