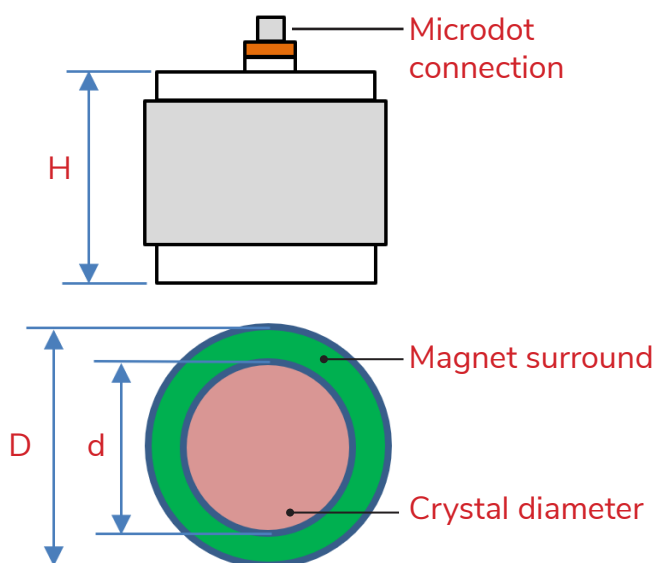


sonar  **Transducer Specification**



Single Element Contact Probes

- Rare earth magnetic Housing
- SONAR system used 5 MHz probes as standard
- Other diameter probes and frequencies available on request



Part Number	Nominal Size	H		d		D	
		in	mm	in	mm	in	mm
SONAR-0125	1/8 in	0.6	15.24	0.125	3.18	0.38	9.7
SONAR-0250	1/4 in	0.75	19.05	0.25	6.35	0.75	19.1
SONAR-0375	3/8 in	0.75	19.05	0.375	9.53	0.81	20.6
SONAR-0500	1/2 in	0.75	19.05	0.5	12.7	1	25.4
SONAR-0750	3/4 in	0.75	19.05	0.75	19.05	1.21	30.7

3mmx3mm Glue-On Transducers

- Ideal for bolts with small grip length
- Suitable for stainless steel bolting
- Suitable for hard to reach bolt heads
- Use Loctite 425 glue & solvent 76820 X-NMS or equivalent
- Requires spring loaded reading head or test probe



Part Number	Description
SONAR-GLON	100 pc sheet glue-on transducers
SONAR-HEAD	Spring loaded reading head

How To Select A Transducer

- Use largest size transducer that fits the placement area of the bolt
- Ensure the crystal area is fully located on the bolt
- Ensure there is a direct "line of sight" from the crystal to the other end of the bolt
- Ensure bolt ends are flat and parallel
- Ideally no stamping. If stamping ensure it doesn't stop full flat placement of transducer
- Either end of the bolt can be used for transducer placement. Whatever gives best placement of transducer

