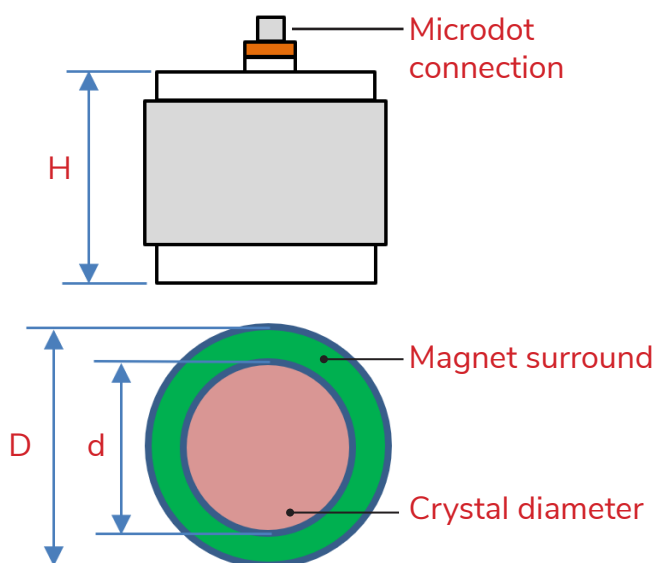


**sonar**  **Transducer Specification**



**Single Element Contact Probes**

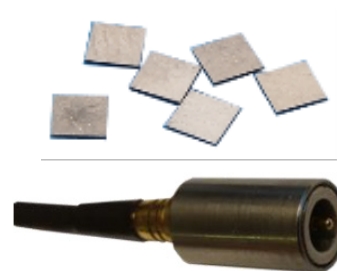
- Rare earth magnetic Housing
- SONAR system used 5 MHz probes as standard
- Other diameter probes and frequencies available on request



Part Number	Nominal Size	H		d		D	
		in	mm	in	mm	in	mm
SONAR-0188	3/16 in	0.6	290	0.2	5.1	0.38	9.7
SONAR-0125	1/4 in	0.75	380	0.32	8.1	0.75	19.1
SONAR-0375	3/8 in	0.75	466	0.47	11.9	0.81	20.6
SONAR-0500	1/2 in	0.75	570	0.63	16	1	25.4
SONAR-00750	3/4 in	0.75	678	0.82	20.8	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

