Alternatives to Standard Probe Tips for Spring Return Transducers

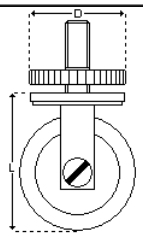
As standard, our transducers are fitted with a tungsten carbide ball-ended probe.

In some applications an alternative may be more appropriate, the following is a summary of probe tips available . Please note that we reserve the right to supply a close alternative to the items depicted.

Materials used in the construction of these probe tips may not be compatible with wet or corrosive environments.

Probe tips available for spring-return type transducers with M2.5 female threads in their armature

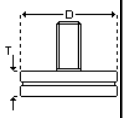
Roller Probe PROB1001



D = 0.3" (8mm), L = 0.5" (12.25mm)
Comprises a 3/8" (9.5mm) diameter, 0.16" (4mm) wide roller. For use with GTX and D5/AG transducers

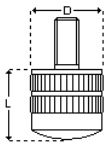
Flat, circular probe See table for PROB code

D	Part No
0.25" (6mm)	**PROB1002**
0.3" (8mm)	**PROB1003**
0.4" (10mm)	**PROB1010**
0.5" (12mm)	**PROB1008**
0.6" (15mm)	**PROB1015**
0.8" (20mm)	**PROB1013**
1" (25mm)	**PROB1012**



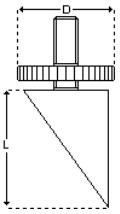
T = 0.1" (2.5mm)

Radiused probe PROB1006



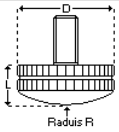
D = 0.25" (6mm),
L = 0.25" (6mm)

Offset knife-edge probe PROB1007



D = 0.3" (8mm),
L = 0.4" (10mm)

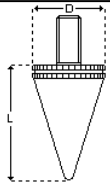
Domed probe
8mm radius = PROB1009
9.5mm radius = PROB1017



For R = 0.3" (8mm), D = 3/8" (9.5mm), L = 0.14" (3.5mm)
For R = 3/8" (9.5mm), D = 0.5" (12mm), L = 0.16" (4mm)

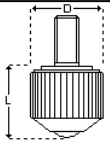
Taper Probe See table for PROB code

L	Part No.
5mm	**PROB1022**
10mm	**PROB1011**
20mm	**PROB1023A**
25mm	**PROB1024**



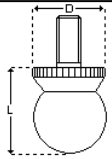
D = 0.25" (6mm),
tip radius = 0.03" (0.8mm)

Colleted ball Probe
Steel = PROB1014
Carbide = PROB1033



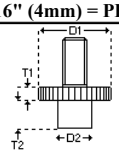
D = 0.25" (6.4mm),
L = 0.3" (8mm)

Spherical Probe PROB1016



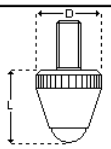
D = 0.25" (6mm),
L = 0.31" (8mm)

Flat Probe
D2 = 0.08" (2mm) = PROB1018
D2 = 0.16" (4mm) = PROB1019



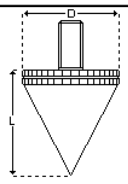
D1 = 0.25" (6.4mm),
T1 = 0.06" (1.5mm),
T2 = 0.16" (4mm)

Ball-ended probe PROB1004



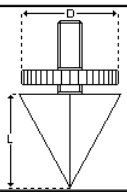
D = 0.2" (5mm),
L = 0.25" (6mm)
Ball dia = 0.12" (3mm)
body - stainless steel
ball - Tungsten carbide

Conical Probe PROB1020



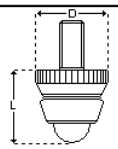
D = 0.3" (8mm),
L = 0.3" (8.25mm),
Tip point angle = 60°

Knife-edge probe PROB1021



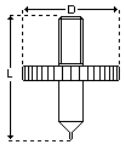
D = 0.3" (8mm),
L = 0.3" (8mm)
(0.25" (6.4mm) square pyramid with 43° point)

Ball-ended probe PROB1035



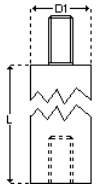
D = 0.25" (6mm),
L = 0.25" (6mm)

Needle point PROB1036



D = 0.3" (8mm),
L = 0.5" (12mm)

Spindle Extensions See table for PROB code



Part No.	L
PROB1025	0.6" (15mm)
PROB1026	0.8" (20mm)
PROB1027	1" (25mm)
PROB1028	1.2" (30mm)
PROB1029	1.6" (40mm)
PROB1030	2" (50mm)
PROB1031	2.4" (60mm)
PROB1032	2.8" (70mm)

D1 = 0.2" (5mm)

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