



“SUB” Series Expanding Probes

“SUB” (Self-adjusting, Universal with “Bell” backshell) series expanding eddy current probes include a durable injection molded plastic tip and a stainless steel “bell” backshell. The new universal bell backshell allows for easier removal from the scanner.

The mold injected probe tip is more rugged and nearly indestructible when dropped or expanded. Fitted with a 4-pin Fischer® connector these probes are expanded to their larger diameter and automatically

compress to the actual hole diameter within the probe’s size range. They are designed to allow the use of the same probe when holes are reamed to a larger diameter without requiring any adjustment.

Probe part numbers are indicated in 64ths of one inch; the first number indicating the nominal probe size and the second indicating the expanded size.

Stock probe sizes are shown below, other sizes and working lengths are available.*

FEATURES

- Self Adjusting
- Universal with “Bell” backshell
- Injection molded plastic tip
- Operating frequency 200 KHz to 3 MHz
- Fischer 4-pin connector
- Reflection differential coil configuration

SELF-ADJUSTING, ROTARY HOLE PROBE

Part Number	Hole Diameter	Working Length
SUB-8-10	3.18 mm (0.125 in.)	44.45 mm (1.75 in.)
SUB-10-12	3.97 mm (0.156 in.)	44.45 mm (1.75 in.)
SUB-12-14	4.76 mm (0.187 in.)	44.45 mm (1.75 in.)
SUB-14-16	5.56 mm (0.218 in.)	50.8 mm (2.0 in.)
SUB-16-18	6.35 mm (0.250 in.)	50.8 mm (2.0 in.)
SUB-18-20	7.14 mm (0.281 in.)	50.8 mm (2.0 in.)
SUB-20-24	7.94 mm (0.312 in.)	50.8 mm (2.0 in.)
SUB-24-28	9.52 mm (0.375 in.)	50.8 mm (2.0 in.)
SUB-28-32	11.11mm (0.437 in.)	50.8 mm (2.0 in.)
SUB-32-36	12.70 mm (0.500 in.)	50.8 mm (2.0 in.)
SUB-36-40	14.29 mm (0.562 in.)	50.8 mm (2.0 in.)
SUB-40-44	15.88 mm (0.625 in.)	50.8 mm (2.0 in.)
SUB-44-48	17.46 mm (0.687 in.)	50.8 mm (2.0 in.)

* Probes with a diameter other than shown above will require a standard “machined” probe tip utilizing Acetal plastic. Durability and wear capabilities will not be the same as the mold injected housings. Please contact your local representative for availability.

“SUB” Series Expanding Probe Kit

Part Number: SUBK-8-44
Includes one each of listed probes.

OLYMPUS NDT INC. is ISO 9001 certified.

