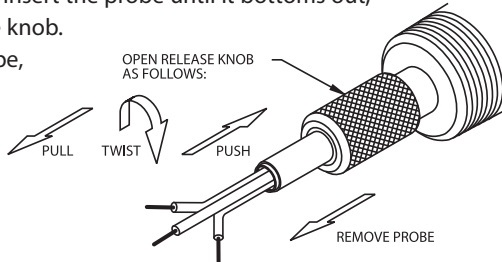


# Spring-loaded Holders

## Exclusive Minco user-friendly design!

Minco's spring-loaded holders provide a quick and simple installation and removal of probe sensors — pull out and twist the knob, insert the probe until it bottoms out, and release the knob.

To remove probe, pull out and twist the knob.



Spring pressure holds the probe tip in contact with the measuring surface for faster response and more reliable measurements. Many models feature a rubber O-ring that doesn't crimp the probe but prevents oil leakage to 50 psi (3.4 bar) at up to 260°C. High temperature models are usable to 450°C. Nylon versions provide electrical insulation.



**ALL PARTS STOCKED**

| Fluoroelastomer O-ring seal: 50 psi pressure rated fluid seal |                            |                             |              |                |                         |                          |                   |          |
|---|----------------------------|-----------------------------|--------------|----------------|-------------------------|--------------------------|-------------------|----------|
|   | Body material              | Temperature range           | Thread "CH"  | Process thread | Hex size                | Adder "A" (Total length) | Probe Ø inch (mm) | Model    |
|   | 300 series stainless steel | -40 to 260°C (-40 to 500°F) | 3/4 - 14 NPT | 1/2 - 14 NPT   | 1 1/8" (29 mm)          | 3.6" (91 mm)             | 0.188 (4.8)       | FG114-1  |
|   |                            |                             |              |                |                         |                          | 0.215 (5.5)       | FG110-1  |
|   |                            |                             |              |                |                         |                          | 0.250 (6.4)       | FG113-1  |
|   | 316 stainless steel        | -40 to 260°C (-40 to 500°F) | 3/4 - 14 NPT | 1/2 - 14 NPT   | 1 1/8" (29 mm)          | 3.6" (91 mm)             | 0.188 (4.8)       | FG914    |
|   |                            |                             |              |                |                         |                          | 0.215 (5.5)       | FG912    |
|   |                            |                             |              |                |                         |                          | 0.250 (6.4)       | FG911    |
|   | Nylon                      | -40 to 120°C (-40 to 248°F) | 3/4 - 14 NPT | 1/2 - 14 NPT   | 1" (25 mm) wrench flats | 3.6" (91 mm)             | 0.188 (4.8)       | FG314    |
|   |                            |                             |              |                |                         |                          | 0.215 (5.5)       | FG310    |
|   |                            |                             |              |                |                         |                          | 0.250 (6.4)       | FG313    |
|   | 300 series stainless steel | -40 to 260°C (-40 to 500°F) | 1/2 - 14 NPT | 1/2 - 14 NPT   | 7/8" (22 mm)            | 2.6" (66 mm)             | 0.125 (3.2)       | FG216N   |
|   |                            |                             |              |                |                         |                          | 0.188 (4.8)       | FG214N   |
|   |                            |                             |              |                |                         |                          | 0.215 (5.5)       | FG210N   |
|   |                            |                             |              |                |                         |                          | 0.250 (6.4)       | FG213N   |
|   |                            |                             |              |                |                         |                          | 0.236 (6.0)       | FG215N   |
|   | 300 series stainless steel | -40 to 260°C (-40 to 500°F) | None         | 1/8 - 27 NPT   | 5/8" (16 mm)            | 2.8" (71 mm)             | 0.125 (3.2)       | FG116    |
|   |                            |                             |              |                |                         |                          | 0.188 (4.8)       | FG112    |
|   |                            |                             |              |                |                         |                          | 0.215 (5.5)       | FG111    |
|   |                            |                             |              |                |                         |                          | 0.250 (6.4)       | FG117    |
|   | 300 series stainless steel | -40 to 260°C (-40 to 500°F) | None         | 1/4 - 18 NPT   | 5/8" (16 mm)            | 1.9" (48 mm)             | 0.188 (4.8)       | FG101072 |
|   |                            |                             |              |                |                         |                          | 0.215 (5.5)       | FG101078 |
|   |                            |                             |              |                |                         |                          | 0.250 (6.4)       | FG101080 |

| High temperature: No pressure rating or fluid seal |                            |                             |              |                |              |                          |                   |       |
|--|----------------------------|-----------------------------|--------------|----------------|--------------|--------------------------|-------------------|-------|
|  | Body material              | Temperature range           | Thread "CH"  | Process thread | Hex size     | Adder "A" (Total length) | Probe Ø inch (mm) | Model |
| <br>(Set screw installation)                       | 300 series stainless steel | -40 to 450°C (-40 to 842°F) | 1/2 - 14 NPT | 1/2 - 14 NPT   | 7/8" (22 mm) | 2.3" (58 mm)             | 0.188 (4.8)       | FG801 |
|  |                            |                             |              |                |              |                          | 0.215 (5.5)       | FG802 |
|  |                            |                             |              |                |              |                          | 0.250 (6.4)       | FG810 |

Specifications subject to change