

# THREADED PROBES

## F175

### Threaded Probe 75 mil Standard

|                         |               |
|-------------------------|---------------|
| <b>Centers (mm/mil)</b> | 1,90 / 75     |
| <b>Current</b>          | 4,0 A         |
| <b>R typ</b>            | 20 mOhm       |
| <b>Temperature</b>      | -20°C...+80°C |

#### Spring Force (cN ±20%)

| Version  | Preload | Nominal |
|----------|---------|---------|
| Standard | 50      | 100     |
| Standard | 70      | 150     |
| Standard | 100     | 280     |

#### Travel (mm)

| Version           | Nominal | Maximum  |
|-------------------|---------|----------|
| Standard          | 4,3     | 6,4      |
| Thread (M)        |         | 1,0      |
| Wrench Size       |         | 1,0      |
| Pointing Accuracy |         | ±0,08 mm |

#### Materials and Plating

|             |                           |
|-------------|---------------------------|
| Plunger     | see Tip Style             |
| Barrel      | Brass, gold plated        |
| Spring      | Music wire, silver plated |
| Receptacles | Brass, gold plated        |

#### Accessories

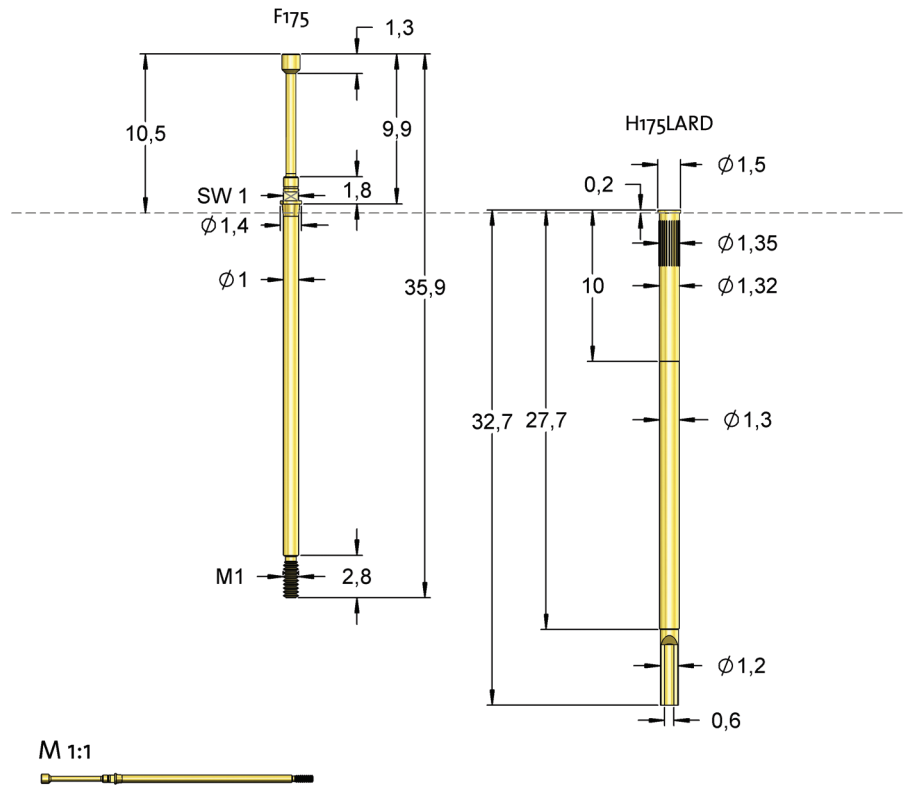
|                           |            |
|---------------------------|------------|
| Insertion tool receptacle | FEWZ-075E0 |
| Screw-in tool probe       | FWZ730S1;  |
| max. Tip-Ø 1,5 mm         | FWZ730T1   |

#### Drill Size (mm)

|          |             |
|----------|-------------|
| H175LARD | 1,32 - 1,34 |
|----------|-------------|

#### Projection Height (mm)

|                    |      |
|--------------------|------|
| H175LARD with F175 | 10,5 |
|--------------------|------|



M 1:1



| Tip Style | Number | Material | Plating | Ø in mm | Version |
|-----------|--------|----------|---------|---------|---------|
|           | 05     | B        | G       | 1,20    | -       |
|           | 06     | B        | G       | 1,20    | -       |
|           | 11     | B        | G       | 0,50    | -       |
|           | 11     | B        | G       | 0,64    | -       |
|           | 12     | B        | G       | 0,78    | -       |
|           | 17     | B        | G       | 1,20    | -       |
|           | 18     | B        | G       | 0,64    | -       |
|           | 18     | B        | G       | 0,78    | -       |
|           | 21     | S        | L       | 0,64    | -       |
|           | 30     | S        | L       | 0,64    | -       |

| Series      | Tip-Ø     | Spring Force (cN) |
|-------------|-----------|-------------------|
| <b>F175</b> | <b>05</b> | <b>120</b>        |
|             | <b>B</b>  | <b>G</b>          |
|             |           | <b>150</b>        |
|             |           |                   |

Tip Style: 05, Material: B, Plating: G, Version: 150

|                    |   |
|--------------------|---|
| <b>Material:</b>   | B = BeCu, S = Steel                       |
| <b>Tip-Ø:</b>      | 120 = 1,20 mm (e.g.)                      |
| <b>Plating:</b>    | G = Gold plated, L = Longtime gold plated |
| <b>Receptacle:</b> | Order code according drawing              |