

F050

Probe 50 mil Standard

| | |
|-------------------------|---------------|
| Centers (mm/mil) | 1,27 / 50 |
| Current | 3,0 A |
| R typ | 10 mOhm |
| Temperature | -20°C...+80°C |

Spring Force (cN ±20%)

| Version | Preload | Nominal |
|----------|---------|---------|
| Standard | 60 | 150 |
| Standard | 90 | 200 |
| HP | 80 | 130 |
| HP | 125 | 200 |
| L | 60 | 150 |

Travel (mm)

| Version | Nominal | Maximum |
|-------------------|---------|----------|
| Standard | 4,3 | 6,4 |
| HP | 4,3 | 5,0 |
| L | 4,3 | 6,4 |
| Pointing Accuracy | | ±0,05 mm |

Materials and Plating

| | |
|------------|---------------------|
| Plunger | see tip style |
| Barrel | Bronze, gold plated |
| Spring | BeCu, gold plated |
| Receptacle | Bronze, gold plated |

Accessories

| | |
|---------------------------|------------|
| Insertion tool receptacle | FEWZ-050EV |
| Insertion tool receptacle | FEWZ-050EO |
| Insertion tool probe | FDWZ-050 |
| Plug lock | H050VS |

Drill size (mm)

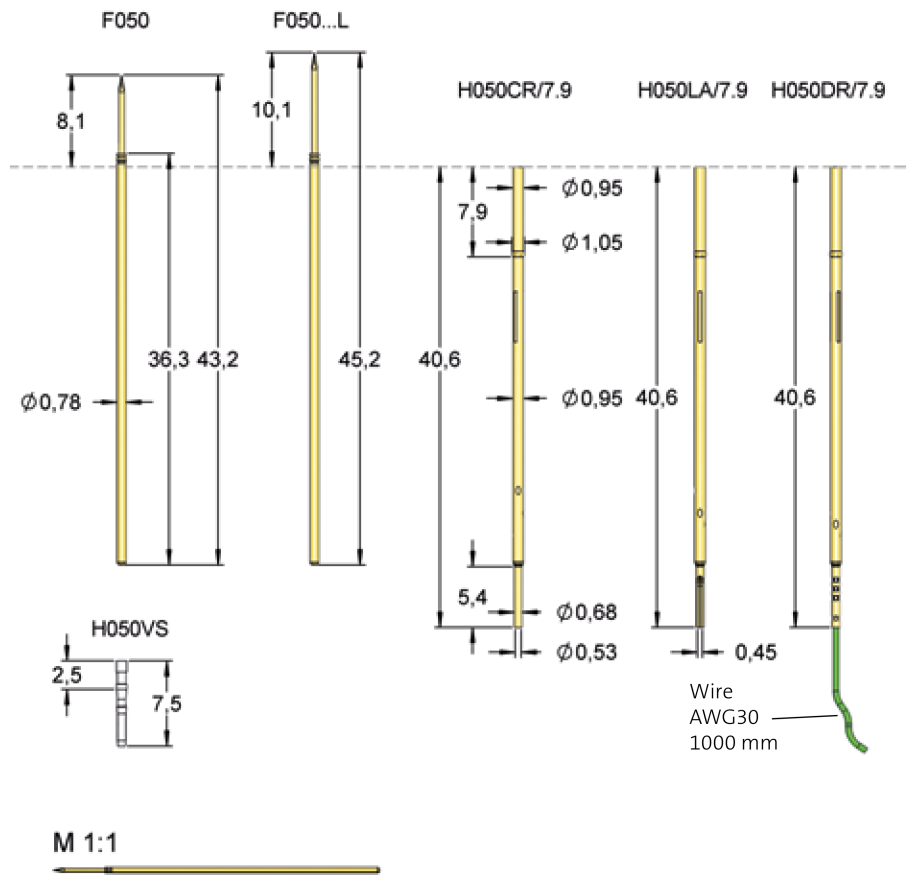
| | |
|--------------------------------|-------------|
| Receptacle Press ring as stop | 0,95 - 0,97 |
| Receptacle Press ring inserted | 0,98 - 1,01 |

Projection Height (mm)

| | |
|----------------------------|-------------|
| H050... with F050 | 8,1 - 16,0 |
| H050... with F050...L | 10,1 - 18,0 |
| H050WL11/7.6 with F050 | 18,5 - 26,4 |
| H050WL11/7.6 with F050...L | 20,5 - 28,4 |

| Series | Tip-Ø | Spring Force (cN) |
|-------------|------------|-------------------|
| F050 | 21 | S |
| | 050 | P |
| | | 200 |
| | | HP |
| | Tip Style | Material |
| | | Plating |
| | | Version |

| | |
|--------------------|---|
| Material: | B = BeCu, S = Steel |
| Tip-Ø: | 050 = 0,50 mm (e.g.) |
| Plating: | G = Gold plated, L = Longtime Gold plated, P = Functional coating |
| Version: | H = High temperature, L = Long version, HP = Progressive Series |
| Receptacle: | Order Code according drawing |



Due to the higher preload, the progressive series versions only allow a maximum travel of 5,0 mm.

| Tip Style | Number | Material | Plating | Ø in mm | Version |
|-----------|--------|----------|---------|---------|---------|
| | 05 | B | G | 0,90 | - |
| | 06 | B | G | 0,90 | - |
| | 11 | B | G | 0,50 | - |
| | 15 | B | G | 0,90 | - |
| | 21 | S | L | 0,50 | - |
| | 21 | S | P | 0,50 | HP |
| | 33 | S | L | 0,50 | - |
| | 33 | S | L | 0,50 | L |
| | 33 | S | P | 0,50 | HP |
| | 38 | S | L | 0,50 | - |
| | 43 | S | L | 0,50 | - |
| | 43 | S | P | 0,50 | HP |
| | 62 | S | P | 0,50 | HP |