FEINMETALL
Contact Technologies



Switch Probes

F87506B180G350L

Order code 1006524

General

Design	Basic Contact Probe
Family	F875-NO
Pitch [mm/mil]	2.54 / 100
Temperature [C°]	-45°C...+100°C
Additional definition	L

Electrical specifications

Continuous current [A]	5.00
Typical contact resistance [mOhm]	65.00
Switch travel [mm]	1.50
Continuous current 2 [A]	1.00

Mechanical specifications

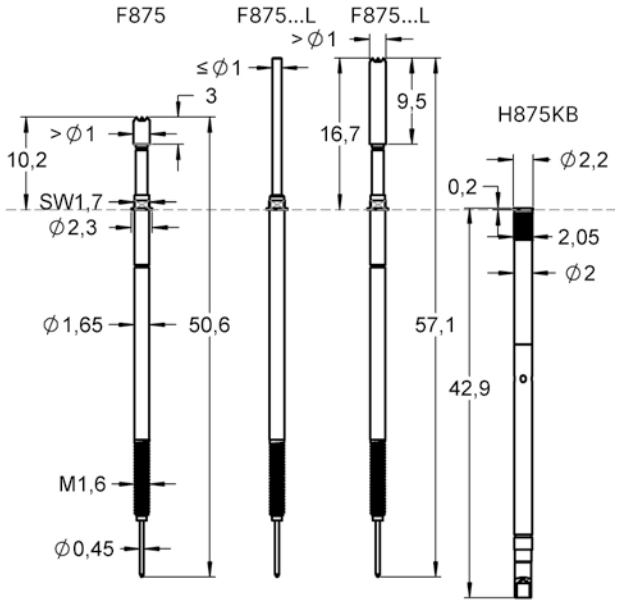
Preload [cN]	90.00
Spring force [cN]	350.00
Nominal travel [mm]	4.00
Maximum travel [mm]	5.00
Pointing accuracy +/- [mm]	0.08
Thread	M1.6
Tool size [mm]	1.7

Dimensions

Total length [mm]	57.10
Projection height [mm]	16.70
Tip style diameter [mm]	1.80
Barrel diameter [mm]	1.65
Collar diameter [mm]	2.30
Press ring diameter [mm]	2.30

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	06
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Silver

Accessories

Tool for probe	1015305-FWZ732S2, 1029808-FWZ732S2T
Other	1001866-H875, 1001867-H875-5, 1002997-H875KB-5, 1004479-H875KB, 1006559-H875RD

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Tip style 1



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