FEINMETALL
Contact Technologies



Basic Threaded Probes

F17511B064G100

Order code 1017278

General

Design	Basic Contact Probe
Family	F175
Pitch [mm/mil]	1.90 / 75
Temperature [C°]	-45°C...+100°C

Electrical specifications

Continuous current [A]	4.00
Typical contact resistance [mOhm]	20.00

Mechanical specifications

Preload [cN]	40.00
Spring force [cN]	100.00
Nominal travel [mm]	4.30
Maximum travel [mm]	6.40
Pointing accuracy +/- [mm]	0.08
Thread	M1
Tool size [mm]	1.0

Dimensions

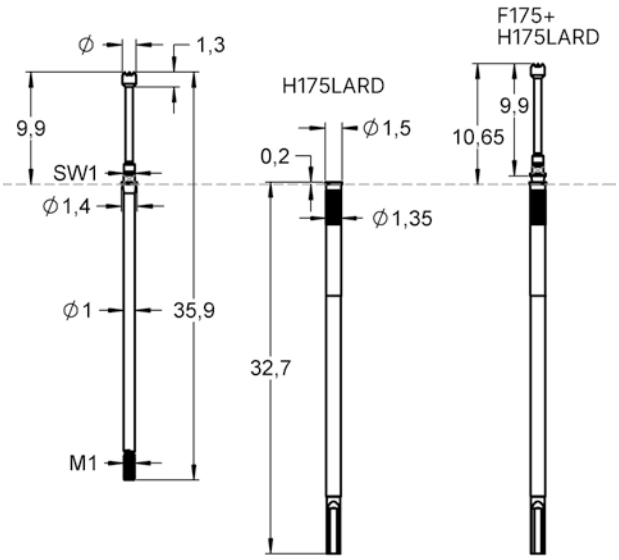
Total length [mm]	35.90
Projection height [mm]	9.90
Tip style diameter [mm]	0.64
Barrel diameter [mm]	1.00
Collar diameter [mm]	1.40
Press ring diameter [mm]	1.40

Materials & surfaces

Tip style	11
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Silver

Family drawing

All measurements are in mm.



Accessories

Tool for receptacle	FEWZ-075E0
Tool for probe	1004101-FWZ730S1, 1029809-FWZ730S1T
Other	1009615-H175LARD

Tip style 1



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