

# STEP PROBES

FM Choice

## F730SP

3 A | 50 mil | Threaded



### Electrical specifications

Temperature [°C]	-45°...+100°
Current [A]	3
R <sub>TYP</sub> [mOhm]	<50

### Mechanical specifications

Preload [cN]	55
Spring force [cN] at nt ±20%	110
Nominal travel [mm]	4.0
Maximum travel [mm]	5.0

### Materials and plating

Plunger	BeCu	gold plated
Barrel	Brass	gold plated
Spring	Spring steel	gold plated
Receptacle	Bronze	gold plated

### Accessories

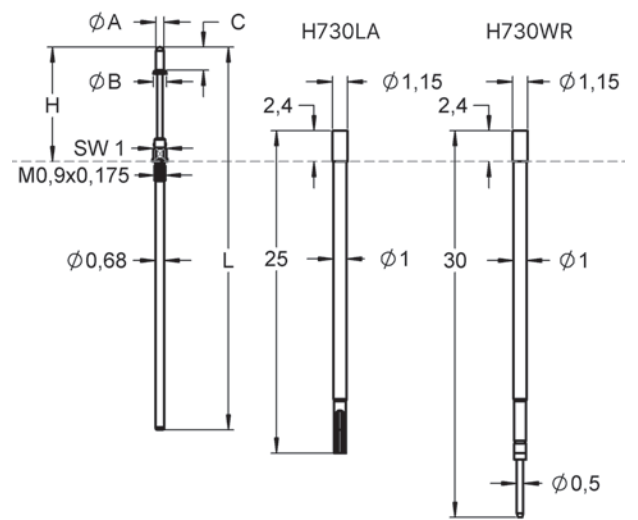
1003227	H730LA	Receptacle
1109766	H730LARD	Receptacle
1030396	H730WR	Receptacle
1000180	FEWZ-040E0	Insertion tool receptacle
1004895	FWZ730T	Screw-in tool probe <math>\lt; \varnothing 0.9 \text{ mm}</math>

### Drill size recommendation (mm)









Receptacle without knurl	0.96 - 0.99
Receptacle with knurl	1.04 - 1.07

### Series drawing

All measurements are in mm.



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Order code	Product name	Tip Style	Ø A	Ø B	C	H	L	Thread [M]	FM Choice
1044991	F73011B0018G110SP	11 	0.4	1.0	1.5	8.8	29.6	M0.9x0.175	-
1056588	F73011B0019G110SP	11 	0.4	1.0	3.8	12.2	33.0	M0.9x0.175	-
1029612	F73011B0016G110SP	11 	0.4	1.35	5.1	12.2	33.0	M0.9x0.175	-
1019091	F73011B0006G110SP	11 	0.5	1.0	3.6	10.7	31.5	M0.9x0.175	
1023866	F73011B0014G110SP	11 	0.5	1.0	4.0	11.1	31.9	M0.9x0.175	
1039195	F73012B0012G110SP	12 	0.35	0.8	3.5	10.7	31.5	M0.9x0.175	-
1027299	F73012B0006G110SPS1	12 	0.4	0.8	3.5	10.7	31.5	M0.9x0.175	
1000578	F73012B0004G110SP	12 	0.5	0.9	1.1	8.2	29.0	M0.9x0.175	-
1030754	F73012B0017G110SP	12 	0.5	0.9	4.2	11.3	32.1	M0.9x0.175	
1009293	F73012B0003G110SP	12 	0.5	0.9	1.4	8.5	29.3	M0.9x0.175	
1020783	F73012B0010G110SP	12 	0.5	0.9	3.5	10.6	31.4	M0.9x0.175	
1019894	F73012B0008G110SP	12 	0.5	0.9	2.0	9.1	29.9	M0.9x0.175	-
1009166	F73012B0002G110SP	12 	0.6	1.0	2.6	9.7	30.5	M0.9x0.175	
1009165	F73012B0001G110SP	12 	0.6	1.0	1.8	8.9	29.7	M0.9x0.175	