

STEP PROBES

FM Choice

F733SP

10 A | 157 mil | Threaded



Electrical specifications

Temperature [°C]	-45°...+200°	
Current [A]	10	
R _{TYP} [mOhm]	<15	

Mechanical specifications

Preload [cN]	50	80
Spring force [cN] at nt ±20%	150	300
Nominal travel [mm]	4.0	4.0
Maximum travel [mm]	5.0	5.0

Materials and plating

Plunger	BeCu	gold plated
Barrel	Brass	gold plated
Spring	Stainless steel	unplated
Receptacle	Brass	gold plated

Accessories

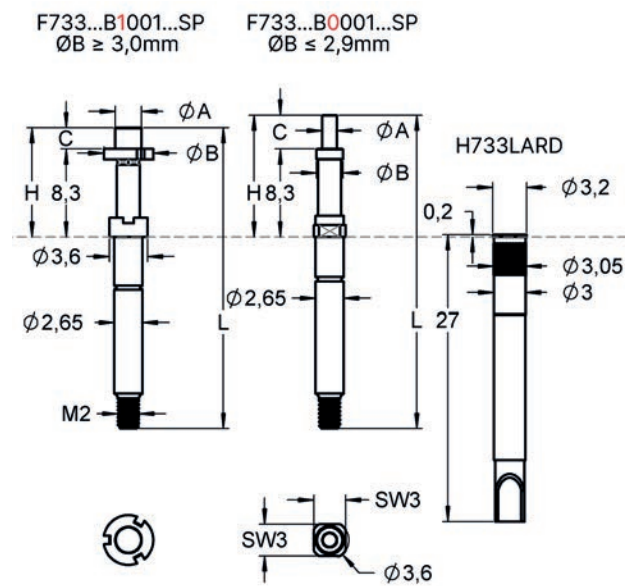
1003077	H733LAS1	Receptacle
1005514	H733LARD	Receptacle
1022713	H733LARDS1	Receptacle
1003642	FEWZ-774E0	Insertion tool receptacle
1029813	FWZ733S1T	Screw-in tool probe <Ø3 mm
1029813	FWZ733T	Screw-in tool probe <Ø4 mm

Drill size recommendation (mm)








Receptacle without knurl	2.98 - 2.99
Receptacle with knurl	3.00 - 3.02

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
1008982	F73311B1028G150SP1	11 	1.4	3.5	4.0	12.3	30.3	M2	-
1006289	F73316B1005G150SP	16 	1.3	4.7	2.7	11.0	29.0	M2	FM Choice
1009005	F73316B1031G150SP1	16 	1.4	3.5	1.7	10.0	28.0	M2	-
1007154	F73316B1016G150SP1	16 	1.4	3.5	2.0	10.3	28.3	M2	-
1009021	F73316B1027G150SP1	16 	1.4	3.5	2.4	10.7	28.7	M2	-
1009010	F73316B1032G150SP1	16 	1.4	3.5	3.0	11.3	29.3	M2	FM Choice
1000945	F73316B0060G300SP	16 	1.5	3.0	1.5	9.8	27.8	M2	FM Choice
1000947	F73316B0061G300SP	16 	1.5	3.0	2.0	10.3	28.3	M2	FM Choice
1000969	F73316B0062G300SP	16 	1.5	3.0	2.5	10.8	28.8	M2	-
1000970	F73316B0063G300SP	16 	1.5	3.0	3.0	11.3	29.3	M2	-
1000971	F73316B0064G300SP	16 	1.5	3.0	3.5	11.8	29.8	M2	FM Choice
1000973	F73316B0066G300SP	16 	1.5	3.0	4.5	12.8	30.8	M2	-
1000974	F73316B0067G300SP	16 	1.5	3.0	5.0	13.3	31.3	M2	FM Choice
1009014	F73316B1036G150SP1	16 	1.8	3.5	1.6	9.9	27.9	M2	-
1007136	F73316B1015G150SP1	16 	1.8	3.5	2.2	10.5	28.5	M2	FM Choice
1000880	F73316B1074G300SP1	16 	2.0	4.0	1.5	9.8	27.8	M2	-
1000881	F73316B1075G300SP1	16 	2.0	4.0	2.0	10.3	28.3	M2	-
1000882	F73316B1076G300SP1	16 	2.0	4.0	2.5	10.8	28.8	M2	-
1009526	F73316B1043G150SP1	16 	2.2	3.5	2.0	10.3	28.3	M2	-