

# F563

Up to 6 A | 118 mil | ICT application



### Electrical specifications

Current [A]	6
R <sub>TYP</sub> [mOhm]	<100

### Mechanical specifications

Temperature [°C]	-45°...+100°	
Preload [cN]	90	180
Spring force [cN] at nt ±20%	180	300
Nominal travel [mm]	4.3	4.3
Maximum travel [mm]	6.4	6.4

### Materials and plating




Plunger	BeCu	gold plated
Barrel	Bronze	gold plated
Spring	Stainless steel	unplated
Receptacle	Nickel silver	gold plated

### Accessories

1001704	H563LA	Receptacle
1001705	H563WW	Receptacle
1005041	FEWZ-563E0	Insertion tool receptacle
1003566	FDWZ-100	Insertion tool probe

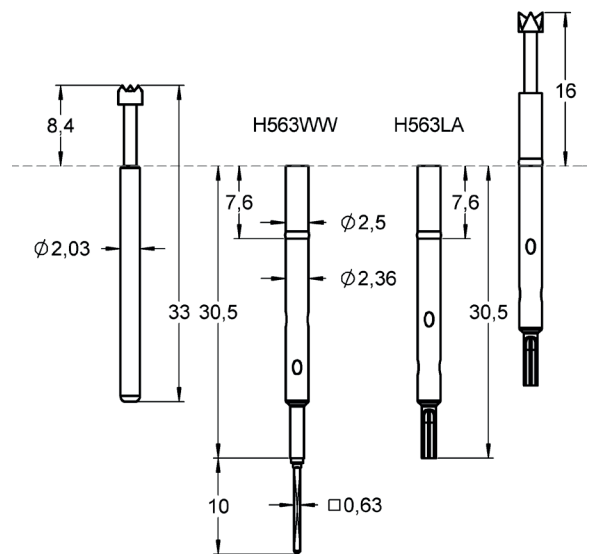
### Drill size recommendation (mm)

Press ring as stop	2.34 - 2.35
Press ring inserted	2.40 - 2.45
















Order code	Product name	Tip Style	Tip Ø [mm]	Material/Plating	Force [cN]	Thread [M]	Version	FM Choice
1005532	F56305B170G180	05 	1.70	B / G	180	-	-	-
1005821	F56305B170G300	05 	1.70	B / G	300	-	-	-
1007198	F56305B250G300	05 	2.50	B / G	300	-	-	-

### Series drawing

All measurements are in mm.



## BASIC PROBES > 100 MIL

Order code	Product name	Tip Style	Tip Ø [mm]	Material/Plating	Force [cN]	Thread [M]	Version	FM Choice
1001329	F56306B250G180	06 	2.50	B / G	180	-	-	-
1005609	F56306B250G300	06 	2.50	B / G	300	-	-	-
1007771	F56306B400G180	06 	4.00	B / G	180	-	-	-
1053965	F56306B400G300	06 	4.00	B / G	300	-	-	-
1001330	F56311B130G180	11 	1.30	B / G	180	-	-	-
1014859	F56311B130G300	11 	1.30	B / G	300	-	-	-
1013737	F56312B170G180	12 	1.70	B / G	180	-	-	-
1001331	F56312B250G180	12 	2.50	B / G	180	-	-	-
1001332	F56314B250G180	14 	2.50	B / G	180	-	-	-
1013032	F56314B250G300	14 	2.50	B / G	300	-	-	-
1009238	F56315B300G180	15 	3.00	B / G	180	-	-	-
1017181	F56316B130G180	16 	1.30	B / G	180	-	-	-
1053967	F56317B170G180	17 	1.70	B / G	180	-	-	-
1053968	F56318B070G180	18 	0.70	B / G	180	-	-	-
1001333	F56318B130G180	18 	1.30	B / G	300	-	-	-