













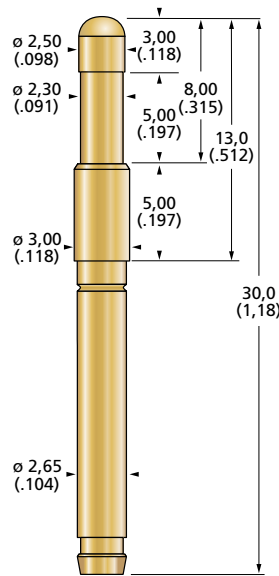


### Spring Force (xx)

Preload	Rated Force	Code
		<b>xx</b>
0,8 N	1,5 N	<b>15</b>
1,0 N	2,0 N	<b>20</b>
1,2 N	3,0 N	<b>30</b>
3,0 N	5,0 N	<b>50</b>

	Ø 2,30	<b>154.102.23.xx</b>
	Ø 2,30	<b>154.03.23.xx</b>
	Ø 2,50	<b>154.103.25.xx</b>
	Ø 6,00	<b>154.03.60.xx</b>
	Ø 2,50	<b>154.104.25.xx</b>
	Ø 2,50	<b>154.105.25.xx</b>
	Ø 2,50	<b>154.06.25.xx</b>
	Ø 4,00	<b>154.106.40.xx</b>
	Ø 2,50	<b>154.08.25.xx</b>
	Ø 3,00	<b>154.108.30.xx</b>
	Ø 4,00	<b>154.08.40.xx</b>
	Ø 2,50	<b>154.110.25.xx</b>
	Ø 2,50	<b>154.122.25.xx</b>
	Ø 2,50	<b>154.35.25.xx</b>

### Series 154



### Series 154

#### Technical Data

Overall Length	30,00 mm
Minimum Centre Spacing	3,80 mm
Maximum Travel	5,00 mm
Working Travel	3,40 mm
Temperature Range from	-55°C
Up to	+120°C
Typical Resistance	20 mΩ
Current Load rated/max.	4,0 / 5,5 A

#### Materials

Plunger	CuBe or steel, gold plated
Barrel	Brass, gold plated
Spring	Music wire, silver plated

















For **XXLonglife-Nanocoating** order as **154X**

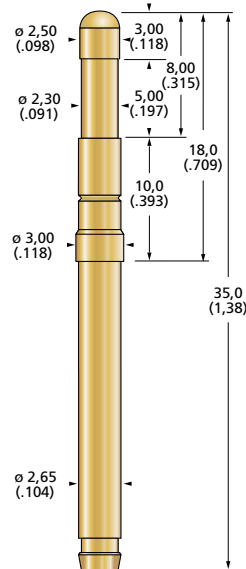
The Series 154 has a barrel with snap groove. Please note that if you use one of the spacers, the function of the locking groove is no longer present. Receptacles shown on page 48.

### Spring Force (xx)

Preload	Rated Force	Code
		<b>xx</b>
0,8 N	1,5 N	<b>15</b>
1,0 N	2,0 N	<b>20</b>
1,2 N	3,0 N	<b>30</b>
3,0 N	5,0 N	<b>50</b>
3,2 N	8,0 N	<b>80</b>

	Ø 2,30	<b>155.102.23.xx</b>
	Ø 2,30	<b>155.03.23.xx</b>
	Ø 2,50	<b>155.103.25.xx</b>
	Ø 6,00	<b>155.03.60.xx</b>
	Ø 2,50	<b>155.104.25.xx</b>
	Ø 2,50	<b>155.105.25.xx</b>
	Ø 2,50	<b>155.06.25.xx</b>
	Ø 4,00	<b>155.106.40.xx</b>
	Ø 2,50	<b>155.08.25.xx</b>
	Ø 3,00	<b>155.108.30.xx</b>
	Ø 4,00	<b>155.08.40.xx</b>
	Ø 2,50	<b>155.110.25.xx</b>
	Ø 2,50	<b>155.122.25.xx</b>
	Ø 2,50	<b>155.35.25.xx</b>

### Series 155



### Series 155

#### Technical Data

Overall Length	35,00 mm
Minimum Centre Spacing	3,80 mm
Maximum Travel	5,00 mm
Working Travel	3,40 mm
Temperature Range from	-55°C
Up to	+120°C
Typical Resistance	20 mΩ
Current Load rated/max.	4,0 / 5,5 A

#### Materials

Plunger	CuBe or steel, gold plated
Barrel	Brass, gold plated
Spring	Music wire, silver plated



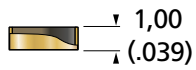
For **XXLonglife-Nanocoating** order as **155X**

The Series 155 has a barrel with snap groove. Please note that if you use one of the spacers, the function of the locking groove is no longer present. Receptacles shown on page 48.

ICT / FCT  
TEST PROBES



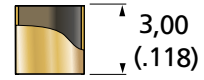
**D 50.01**  
Spacer tube 1 mm



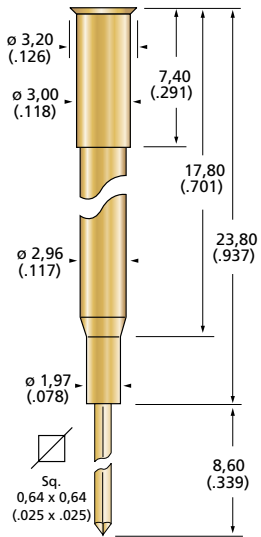
**D 50.02**  
Spacer tube 2 mm



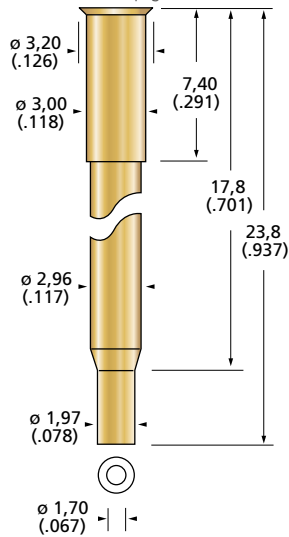
**D 50.03**  
Spacer tube 3 mm



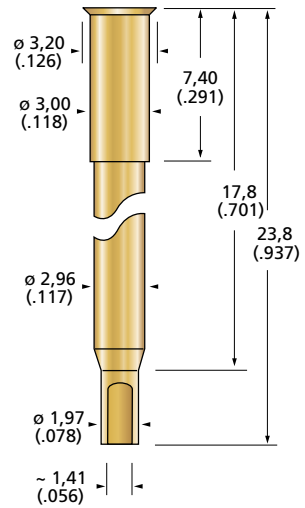
**S 50.00-W**  
Wire-Wrap-Post without snap groove



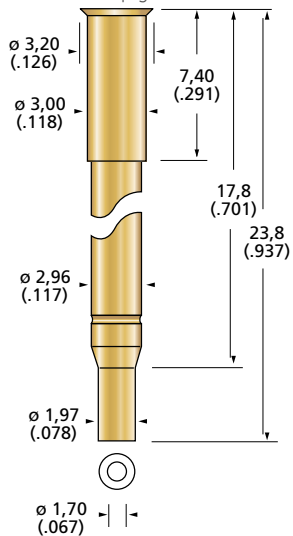
**S 50.00-C**  
Open Crimp End  
without snap groove



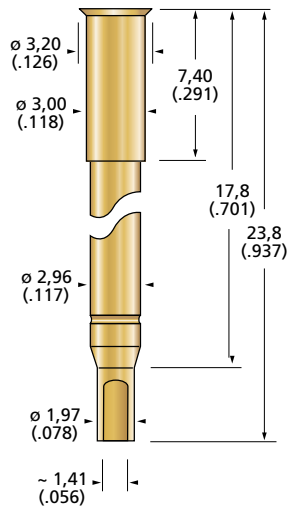
**S 50.00-L**  
Solder Cup without snap groove



**S 150.00-C**  
Open Crimp End  
with snap groove



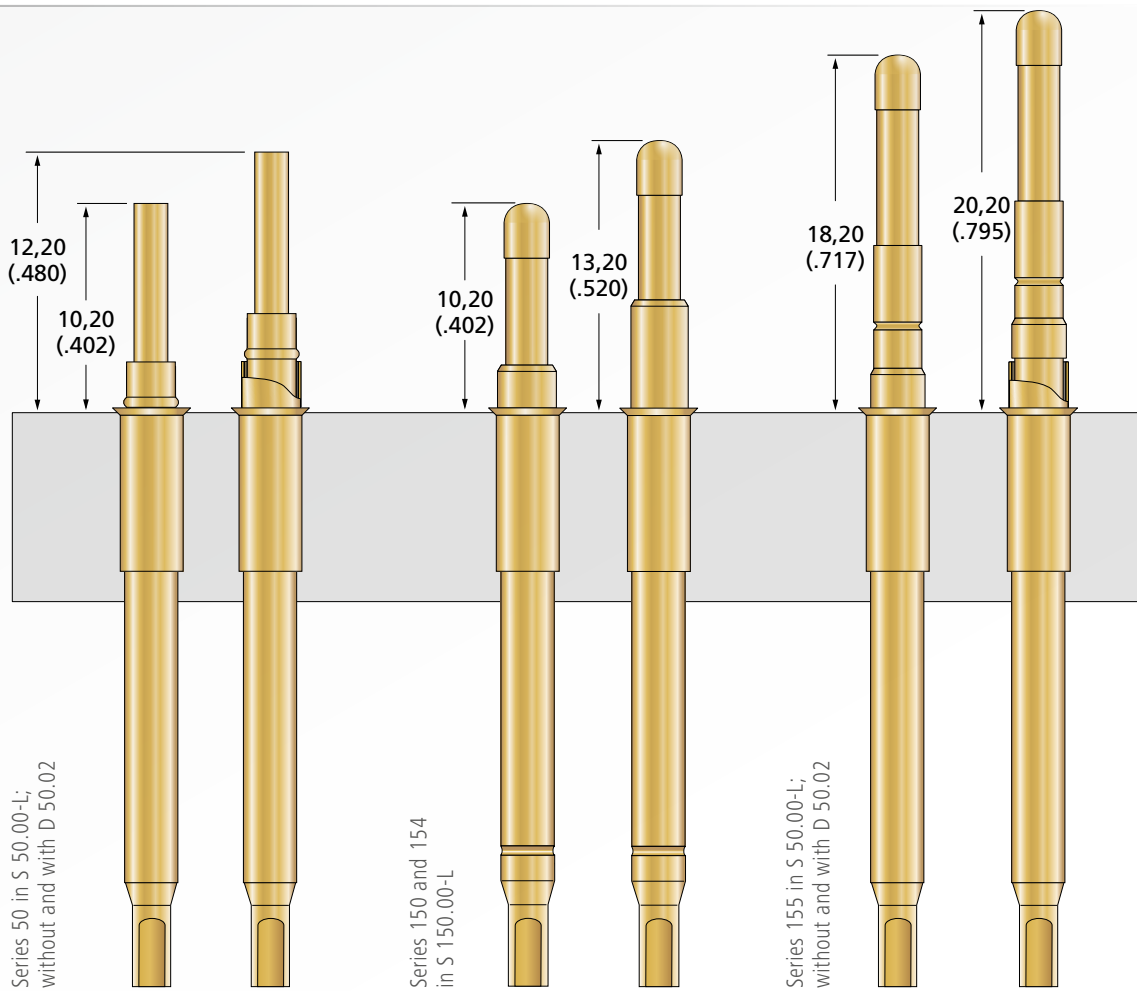
**S 150.00-L**  
Solder Cup with snap groove



# RECEPTACLES SERIES 50 / 150 / 154 / 155

The **SERIES 50**, together with its variants **150**, **154** and **155**, offer a multitude of combination options. The metric series for pitch  $\geq 3.80$  mm, like the series for pitch  $\geq 2.54$  mm, features a fixed stop ring that, if combined with spacer tubes, allows for extremely variable installation height values. Additionally, some series and receptacles have a „snap groove“ that provides a higher retention force for the contact probe in the receptacle. This option is widely used in the field of cable harness test. Please note: when using spacer tubes, this feature won't work due to the raised position of the spring contact probe in the receptacle.

## FIXTURING EXAMPLE



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