

Spring Force (xx)

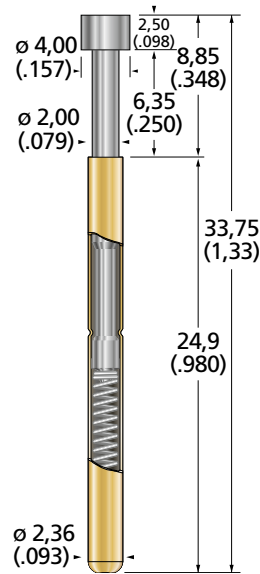
Preload	Rated Force	Code
0,6 N	1,3 N	13
0,8 N	1,9 N	19
1,2 N	3,0 N	30

	Ø 2,00	27.02.20.xx
	Ø 2,00	27.03.20.xx
	Ø 4,00	27.03.40.xx
	Ø 2,00	27.04.20.xx
	Ø 4,00	27.04.40.xx
	Ø 1,50	27.05.15.xx
	Ø 2,00	27.05.20.xx
	Ø 2,30	27.05.23.xx
	Ø 4,00	27.05.40.xx
	Ø 3,00	27.08.30.xx
	Ø 4,00	27.08.40.xx
	Ø 4,00	27.15.40.xx



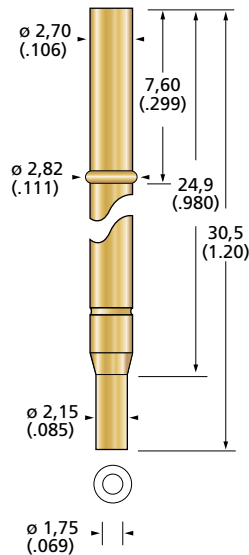
For **XXLonglife-Nanocoating**
order as **27X**

Series 27



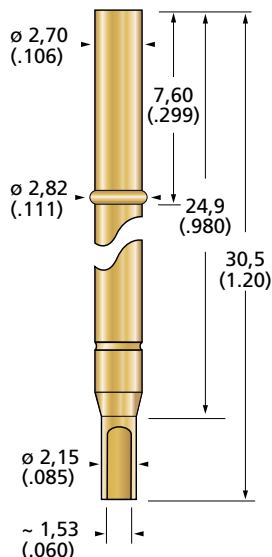
S 27.00-C

Open Crimp End



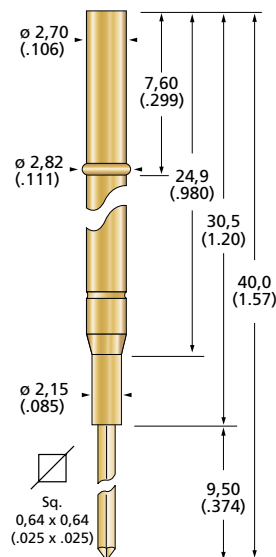
S 27.00-L

Solder Cup



S 27.00-W

Wire-Wrap-Post



Series 27

Technical Data

Overall Length	33,75 mm
Minimum Centre Spacing	4,00 mm
Maximum Travel	6,35 mm
Working Travel	4,20 mm
Temperature Range from	-55°C
Up to	+120°C
Typical Resistance	20 mΩ
Current Load rated/max.	4,0 / 5,0 A

Materials

Plunger	CuBe hardened, gold plated
Barrel	Cu-alloy, gold plated
Spring	Music wire, gold plated

In terms of length, travel and protrusion the Series 27 - as well as the series 26 on the left hand page - can be combined with the international standard series 100.

According to the rule „always use the largest possible spring contact size“ the series 27 is ideal where the distance between the test points is 4 mm or more. Here, the robust design brings reliable contact and long service life as well as higher current load. For all types with a head diameter ≥ 4 mm, the specification of the minimum grid spacing of 4 mm is of course no more applicable.

Even bigger in diameter but with the same body length is our series 28, while the Series 26 is located in size between the Series 100 and Series 27.