

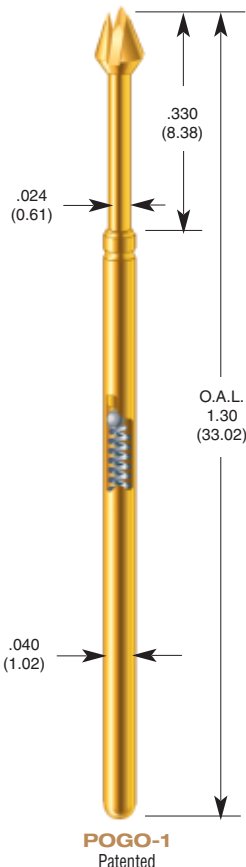
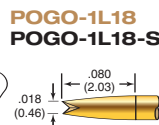
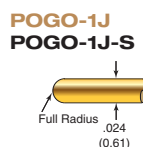
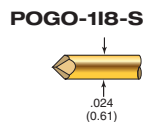
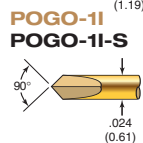
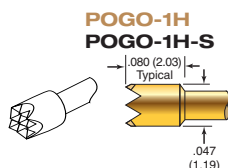
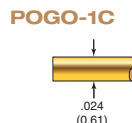
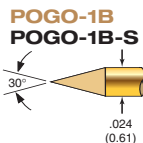
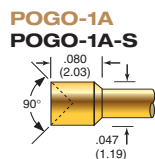
High-Performance Bias Ball Probe

POGO-1

Test Center
.075 (1.91)

Order your ECT Test Probes from ROMEX B.V. via Phone: +31-(0)317-389787, Fax: +31-(0)317-389780 or E-mail: info@romex.nl.

Loaded PCB Test Probes



NOTE: To order in steel, include a -S after model #, i.e. POGO-1H-2-S

Probe Specifications	POGO-1	POGO-1 Steel
Mechanical		
Full Travel:	.250 (6.35)	.250 (6.35)
Recommended Working Travel:	.167 (4.24)	.167 (4.24)
Mechanical Life Exceeds:	1 x 10 ⁶ cycles	1 x 10 ⁶ cycles
Operating Temperature		
	-55°C to +105°C	-55°C to +105°C
Consult factory for other temperature requirements, and applications below -40° C.		
Electrical (Static Conditions)		
Current Rating:	6 amps	6 amps
Maximum continuous current, non-inductive at working travel		
Average Probe Resistance		
	10 mΩ	10 mΩ
Materials and Finishes		
Plunger:	Heat-treated beryllium copper, gold-plated over hard nickel	Heat-treated tool steel, gold-plated over hard nickel
Barrel:	Work-hardened phosphor bronze, HPA-GOLD™ plated (I.D. and O.D.) over hard nickel	Work-hardened phosphor bronze, HPA-GOLD™ plated (I.D. and O.D.) over hard nickel
Spring:	Music wire	Music wire
Ball:	Stainless steel	Stainless steel
Receptacle Specifications		
Mounting Hole Size:	.053/.055 (1.35/1.40)	.053/.055 (1.35/1.40)
Recommended Wire Gauge:	24-28 AWG	24-28 AWG
Connections:		
	LTR-1W Crimp LTR-1W-1 Solder cup LTR-1W-2 Wire wrap/square post. Vacuum leak rate not to exceed 1 x 10 ⁻⁴ CFM @ 15 psi	LTR-1W Crimp LTR-1W-1 Solder cup LTR-1W-2 Wire wrap/square post. Vacuum leak rate not to exceed 1 x 10 ⁻⁴ CFM @ 15 psi
Materials and Finishes		
Housing:	Work-hardened nickel silver, gold plated over hard nickel	Work-hardened nickel silver, gold plated over hard nickel
Square Post:	Phosphor bronze, gold plated	Phosphor bronze, gold plated

Actual
Size

**Pogo
Plus**

Dimensions in inches (millimeters)

TO ORDER, CALL 909-625-9390

Spring Force in oz. (grams) Spring Type

Preload

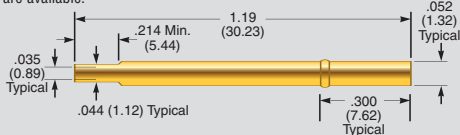
2/3 Travel

To order, add dash number to Model Number.

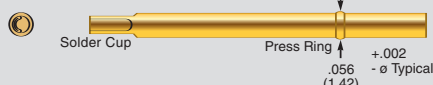
Light	-2	0.94 (27)	2.0 (57)
Standard	-4	0.33 (9)	4.0 (113)
Alternate	-6	2.88 (82)	6.0 (170)
Elevated	-7	2.48 (70)	7.0 (198)
High	-8	2.04 (58)	8.0 (227)
Ultra High	-10	3.65 (103)	10.0 (283)

Optional spring forces and materials are available.

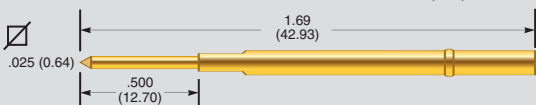
LTR-1W



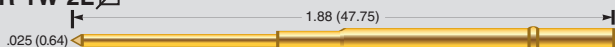
LTR-1W-1



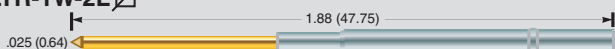
LTR-1W-2



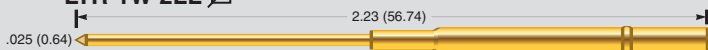
LTR-1W-2L



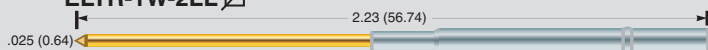
ELTR-1W-2L



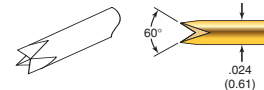
LTR-1W-2LL



ELTR-1W-2LL



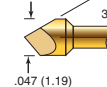
POGO-1L24 POGO-1L24-S



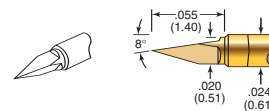
POGO-1P POGO-1P-S



POGO-1T POGO-1T-S



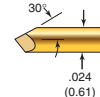
POGO-1T1 POGO-1T1-S



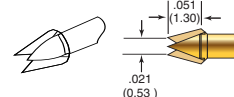
POGO-1T24 POGO-1T24-S



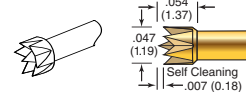
POGO-1T30 POGO-1T30-S



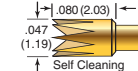
POGO-1UN POGO-1UN-S



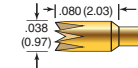
POGO-1V POGO-1V-S



POGO-1Z POGO-1Z-S



POGO-1Z1 POGO-1Z1-S



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