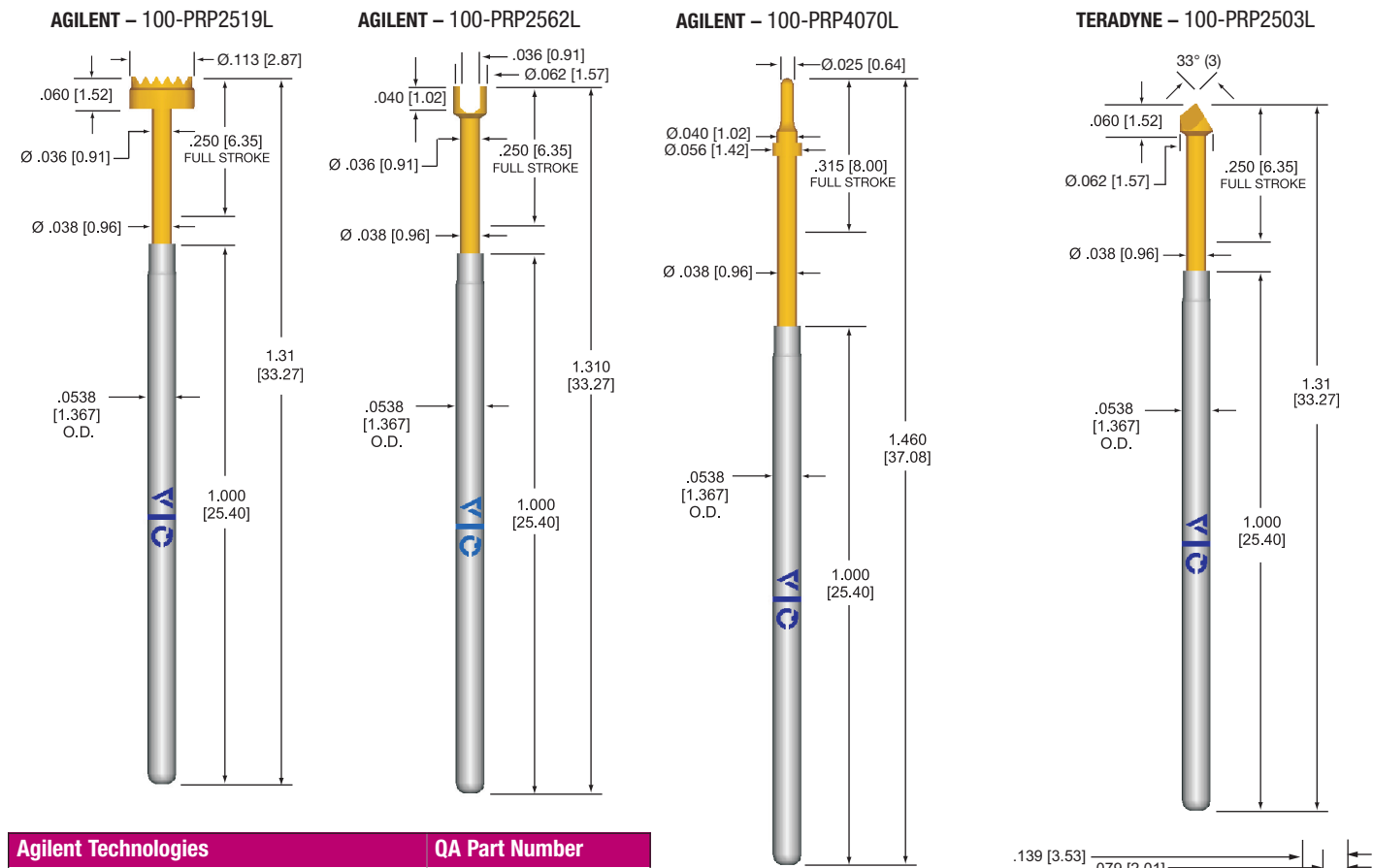
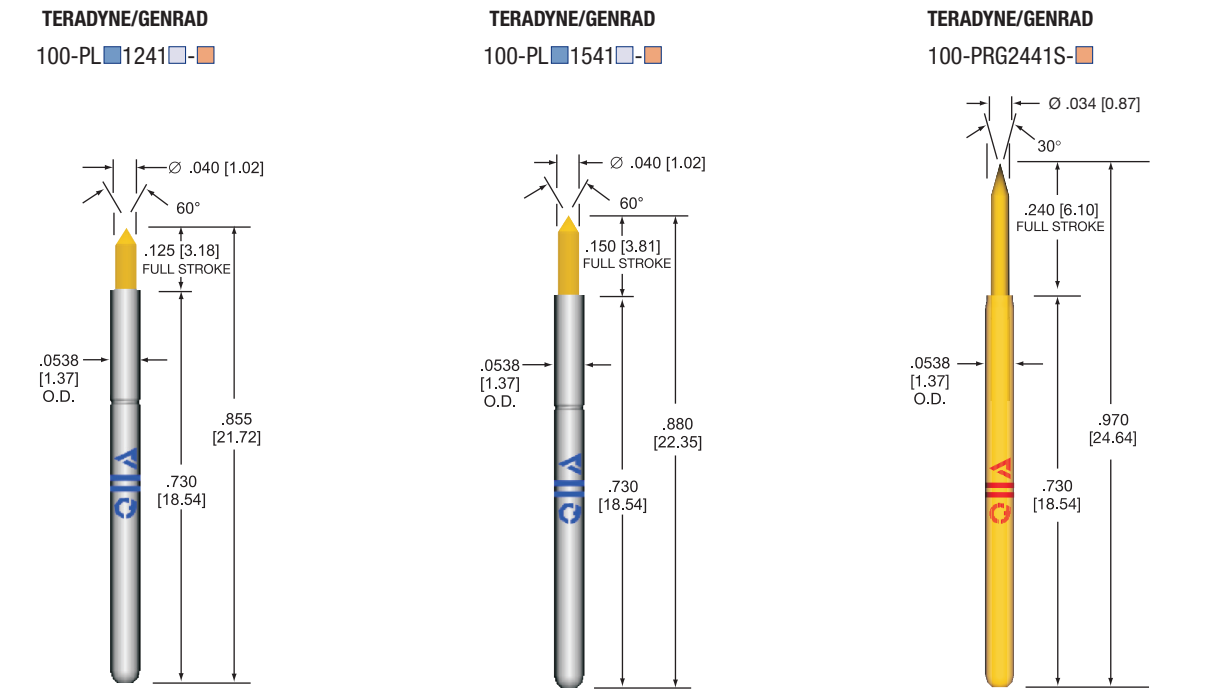


Interface Probes

Interface Probes are used in testers for electromechanical contact between the fixture and tester. QA Technology has listed the part numbers that correspond with the applicable testers. These part numbers are QA's recommended direct replacements.



Agilent Technologies	QA Part Number
All 3070 ICT Testers	100-PRP2519L
Polarity Check	100-PRP2562L
Test Jet	100-PRP4070L
Socket for Polarity Check and Test Jet	100-SDN253W3-H



Teradyne/GenRad	QA Part Number
1800 Series 7878	100-PRP2503L
2270, 2271, 2272, 2282 (any model), 2283, 2284, 2286, 2287 built before 7/95	100-PLP1241S or 100-PLP1241S-B
2280, 2281, 2281a, 2287a 228x ICA (any model), 2283, 2284, 2286, 2287 built after 7/95	100-PLP1541S or 100-PLP1541S-B
Tester model numbers ending in "L" (high density capacity)	100-PRG2441S and 100-PLP1541S

100 - PRP2519L

TUBE	Letter	Material/Finish	Average Resistance			
	P	Nickel silver/ID precious metal clad	< 15 milliohms			
POINT	Digit	Material/Finish				
	19	Heat-treated BeCu/plated gold over nickel				
SPRING	Letter	Spring Force	Preload	@ 2/3 Stroke	Material	Mechanical Life (Cycles @ Stroke)
	L	Low	1.3 [37]	3.5 [99]	Stainless Steel	1M min @ .167 [4.24] max

100 - PRP4070L

TUBE	Letter	Material/Finish	Average Resistance			
	P	Nickel silver/ID precious metal clad	< 20 milliohms			
POINT	Digit	Material/Finish				
	70	Heat-treated BeCu/plated gold over nickel				
SPRING	Letter	Spring Force	Preload	@ .317 Stroke	Material	Mechanical Life (Cycles @ Stroke)
	L	Low	0.8 [23]	3.0 [85]	Music Wire	1M min @ .317 [8.05] max

100 - PRP2562L

TUBE	Letter	Material/Finish	Average Resistance			
	P	Nickel silver/ID precious metal clad	< 15 milliohms			
POINT	Digit	Material/Finish				
	62	Heat-treated BeCu/plated gold over nickel				
SPRING	Letter	Spring Force	Preload	@ 2/3 Stroke	Material	Mechanical Life (Cycles @ Stroke)
	L	Low	1.3 [37]	3.5 [99]	Stainless Steel	1M min @ .167 [4.24] max

100 - PRP2503L

TUBE	Letter	Material/Finish	Average Resistance			
	P	Nickel silver/ID precious metal clad	< 15 milliohms			
POINT	Digit	Material/Finish				
	03	Heat-treated BeCu/plated gold over nickel				
SPRING	Letter	Spring Force	Preload	@ 2/3 Stroke	Material	Mechanical Life (Cycles @ Stroke)
	L	Low	1.3 [37]	3.5 [99]	Stainless Steel	1M min @ .167 [4.24] max

100-PL 1241S, 100-PL 1541S, 100-PRG2441S

TUBE	Letter	Material/Finish	Average Resistance					
	P	Nickel silver/ID precious metal clad	< 20 milliohms	< 20 milliohms	N/A			
	G	Nickel silver/ID OD gold plated	< 25 milliohms	< 25 milliohms	< 15 milliohms			
	N	Nickel silver/No finish	< 45 milliohms	< 45 milliohms	N/A			
POINT	Digit	Material/Finish						
	41	Heat-treated BeCu/plated gold over nickel						
SPRING	Letter	Spring Force	Preload	@ .107 Stroke	Material	Mechanical Life (Cycles @ Stroke)		
	L	Low	0.7 [20]	1.5 [43]	Music wire	1M min @ .107 [2.72] max	1M min @ .107 [2.72] max	N/A
	S	Standard	1.4 [40]	3.5 [99]	Music wire	1M min @ .107 [2.72] max	1M min @ .107 [2.72] max	N/A
	S	Standard	1.79 [51]	3.5 [99]	Stainless Steel	N/A	N/A	1M min @ .197 [5.00]
	H	High	2.2 [62]	5.5 [156]	Music wire	1M min @ .107 [2.72] max	1M min @ .107 [2.72] max	N/A
	X	Extra	3.0 [85]	8.0 [227]	Music wire	1M min @ .107 [2.72] max	1M min @ .107 [2.72] max	N/A
	U	Ultra	4.5 [127]	10.0 [293]	Music wire	1M min @ .107 [2.72] max	1M min @ .107 [2.72] max	N/A
OPTION	Letter	Description						
	B	Curved probe tube (pylon replacement)						
	N	No probe lubrication. Removing probe lubrication greatly reduces cycle life and should only be used in applications outside of the probe operating temperature specifications.						
	(blank)	No option required						



Please refer to pages 38 and 40 for complete probe specifications.

Operating temp.: -50°F to 250°F [-45°C to 120°C]

