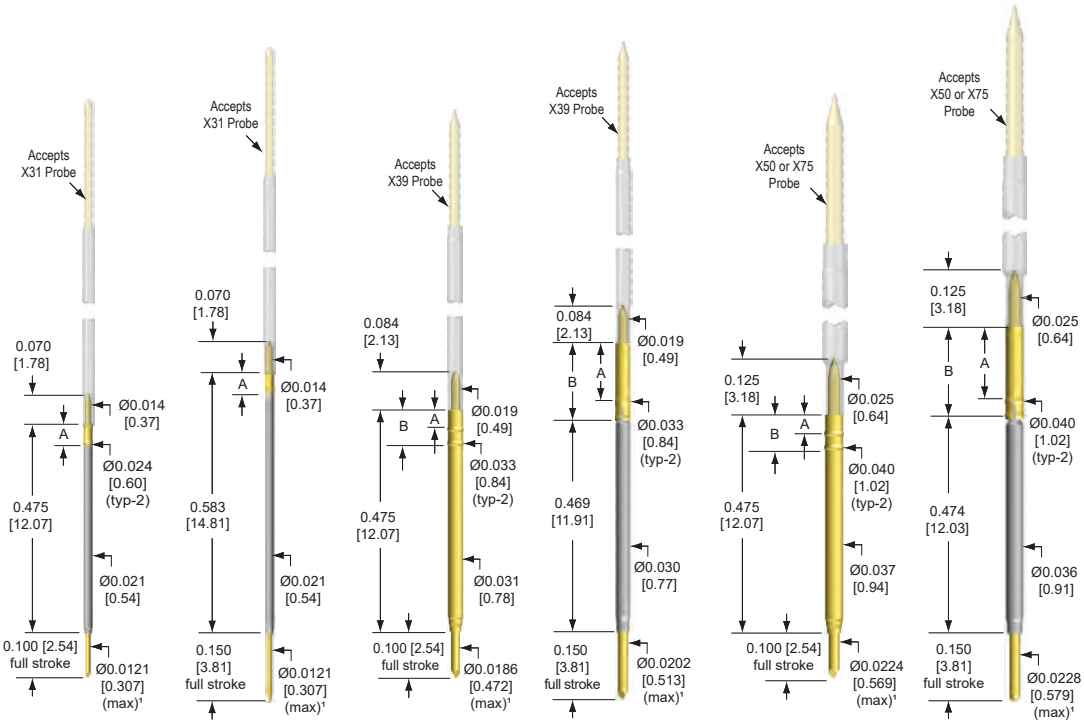
Wireless Termination Pin

Wireless termination pins allow construction of X Probe socketless fixtures with far shorter signal path lengths than conventional wire wrap designs. The shorter path length allows better control of the signal from the tester circuits to the Unit Under Test (UUT). Note: Top test probe is not included with the wireless termination. (See applicable product series for ordering information).



X31-TDS3-00
Mounting Hole Dia.
0.0217/0.0225
[0.551/0.572]

X31-TDS3-02
Mounting Hole Dia.
0.0217/0.0225
[0.551/0.572]

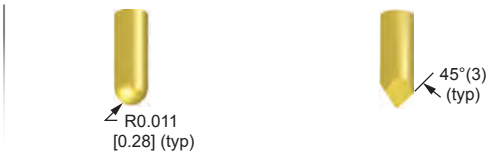
X39-TDS3-00
Mounting Hole Dia.
0.0315/0.0325
[0.800/0.826]

X39-TDS3-__
Mounting Hole Dia.
0.0315/0.0325
[0.800/0.826]

XTDS3-00
Mounting Hole Dia.
0.0380/0.0390
[0.965/0.990]

XTDS_-__
Mounting Hole Dia.
0.0380/0.0390
[0.965/0.990]

INTERFACE PROBE TIP STYLES



0 Round

3 Chisel

P/N: X31-TDS3-■■ example: X31-TDS3-02

	Digit	Description
Tip Style	3	Chisel. Heat treated BeCu/gold plated over nickel

	Digit	Tube Material	A in(mm)
Set Height	00	Nickel silver/ID precious metal clad	0.048 [1.22]
	02	Nickel silver/ID precious metal clad	0.048 [1.22]

[1] Maximum plunger OD should be used to calculate minimum guide plate clearance holes.

US Patent No. 6,570,399 & 4,885,533

INTERFACE PROBE SPECIFICATIONS

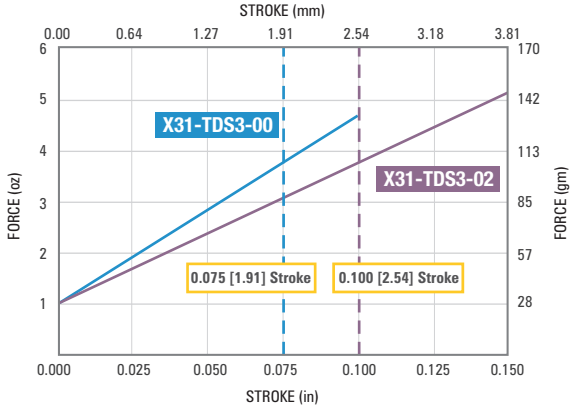
Working Stroke: Up to 0.100 [2.54]/0.075 [1.91] all - 00

Working Temperature Range: Up to 204°C

Spring Force:

Series	Preload	@ 0.100 [2.54] Stroke	Material	Cycle Life @ 0.100 [2.54] Stroke
X31-00	1.0 [28g/0.28N]	3.8 [108g/1.04N]	SS	10,000*
X31-02	1.0 [28g/0.28N]	3.8 [108g/1.04N]	SS	10,000
X39-00	1.0 [28g/0.28N]	4.5 [128g/1.25N]	SS	25,000
X39-04/10	1.0 [28g/0.28N]	4.3 [122g/1.18N]	SS	25,000
XTD-00	1.0 [28g/0.28N]	4.5 [128g/1.25N]	SS	10,000
XTD-08/14	0.8 [23g/0.23N]	3.8 [108g/1.04N]	SS	100,000

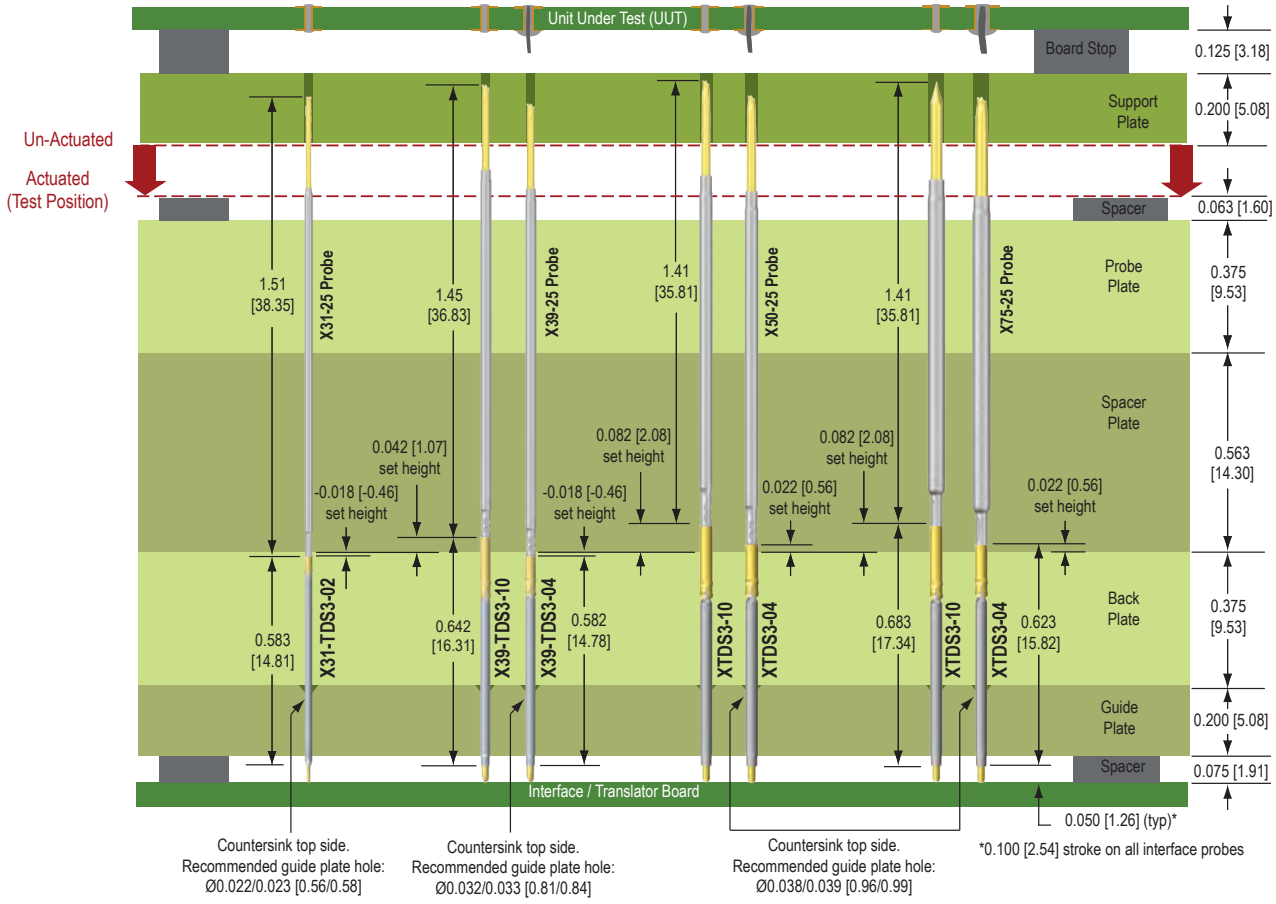
* Working stroke @ 0.075 [1.91]



TOOLS & ACCESSORIES

See pages 75-79 for order information.

SUGGESTED MOUNTING FIXTURE

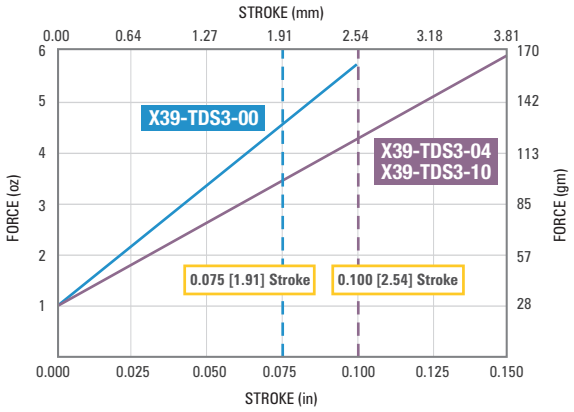


P/N: X39-TDS3-■■ example: X39-TDS3-04

	Digit	Description
Tip Style	3	Chisel. Heat treated BeCu/gold plated over nickel

	Digit	Tube Material	A in(mm)	B in(mm)
Set Height	00	Heat treated BeCu/gold plated over nickel	0.036 [0.92]	0.077 [1.95]
	04	Nickel silver/ID precious metal clad	0.065 [1.65]	0.113 [2.87]
	10	Nickel silver/ID precious metal clad	0.125 [3.18]	0.173 [4.39]

[1] Maximum plunger OD should be used to calculate minimum guide plate clearance holes.



P/N: XTDS■-■■ example: XTDS3-08

	Digit	Description
Tip Style	0	Spherical. Heat treated BeCu/gold plated over nickel
	3	Chisel. Heat treated BeCu/gold plated over nickel

	Digit	Tube Material	A in(mm)	B in(mm)
Set Height	00	Heat treated BeCu/gold plated over nickel	0.035 [0.89]	0.078 [1.98]
	08	Nickel silver/ID precious metal clad	0.100 [2.54]	0.149 [3.78]
	14	Nickel silver/ID precious metal clad	0.159 [4.04]	0.209 [5.31]

[1] Maximum plunger OD should be used to calculate minimum guide plate clearance holes.