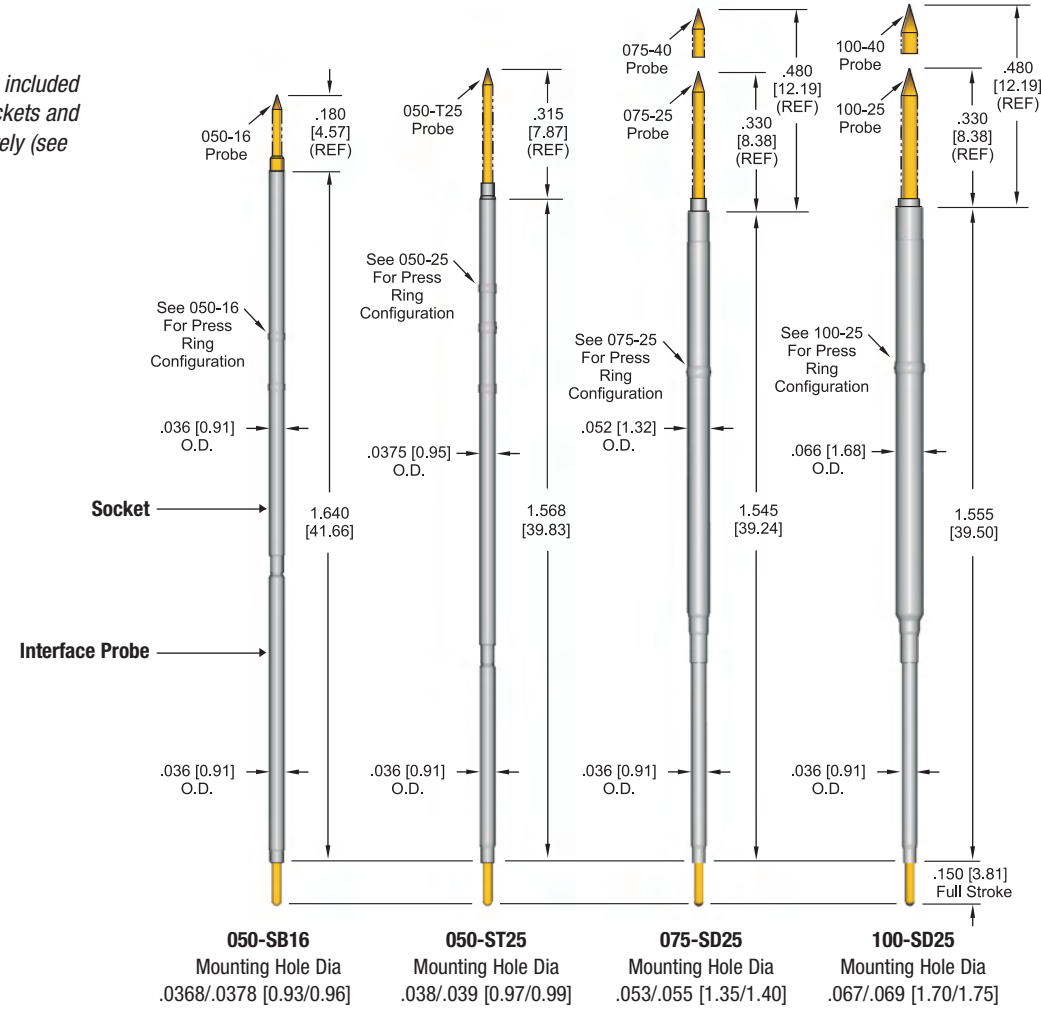


Double-Ended Sockets

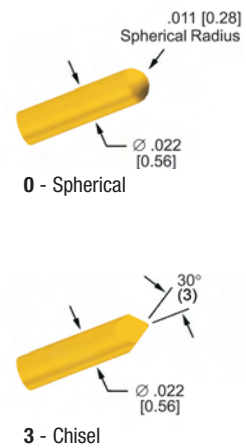
Double-ended sockets are comprised of a standard socket with a special interface probe permanently attached to the tail of the socket. Double-ended sockets allow construction of fixtures with far shorter signal path lengths than conventional wire wrapped designs. The shorter path length allows better control of the signal from the tester circuits to the Unit Under Test (UUT).

Sockets

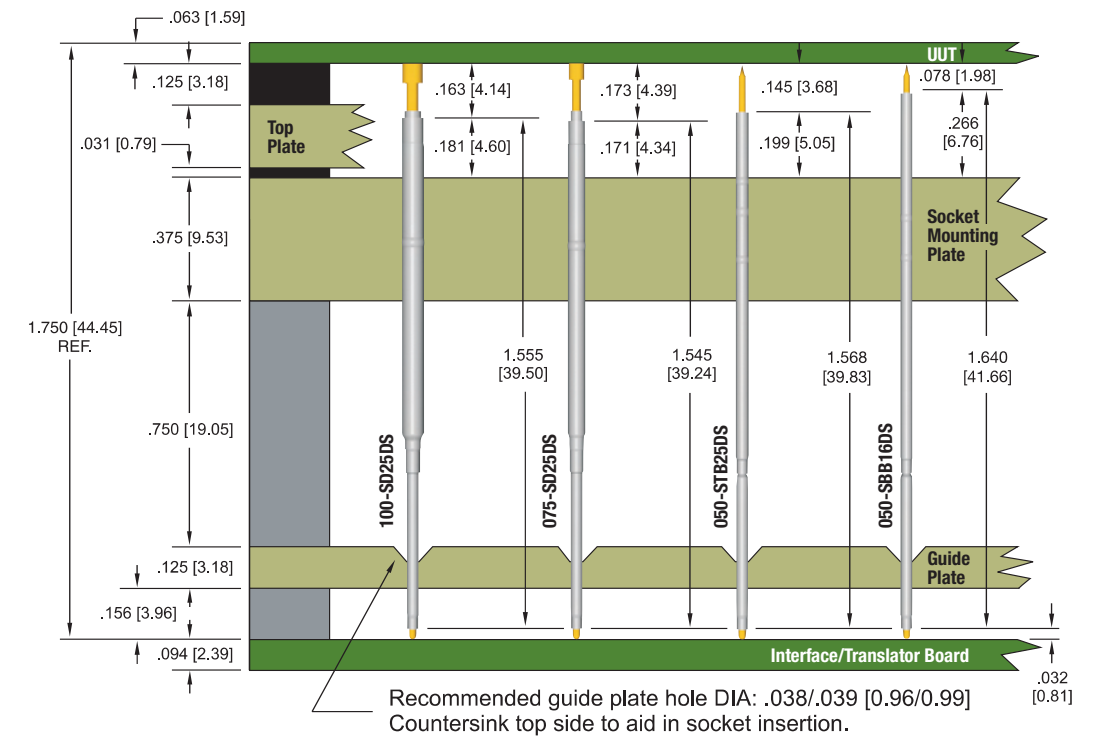
Note: Top test probe is not included with the double-ended sockets and should be ordered separately (see applicable product series).



Interface Probe Point Styles



Suggested Mix Mounting Fixture (see page 103 for more details)



050 - SBB16 DS
example: 050 - SBB160DS3

TUBE	Letter	Material/Finish
B		Heat-treated BeCu/nickel clad ID/OD
PRESS RING	Digits	Press Ring
0		Single press ring located at .310 [7.87]
1		Single press ring located at .400 [10.16]
2		Double press ring located at .434 [11.02]
3		Double press ring located at .524 [13.31]
POINT STYLE	Digits	Material/Finish
0		Spherical. Heat treated BeCu/plated gold over nickel
3		Chisel. Heat treated BeCu/plated gold over nickel

050 - STB255DS
example: 050 - STB255DS3

TUBE	Letter	Material/Finish
B		Heat-treated BeCu/nickel plated
PRESS RING	Digits	Material/Finish
0		Spherical. Heat treated BeCu/plated gold over nickel
3		Chisel. Heat treated BeCu/plated gold over nickel

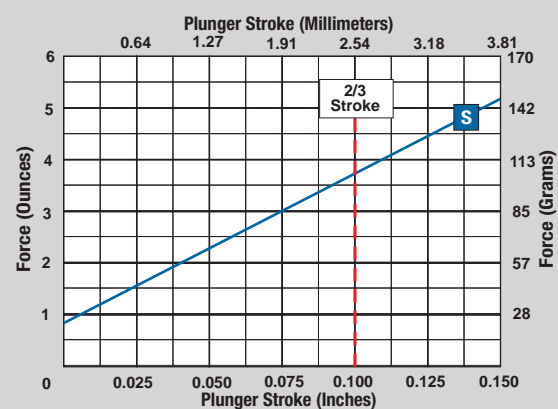
Interface Probe Specifications

Mechanical

Full stroke: .150 [3.81] • Working stroke: Up to .100 [2.54]
Operating temp.: Up to 250°F [120°C]

Spring Force

Preload	Full stroke	2/3 Stroke	Material	Mechanical Life (Cycles @ stroke)
0.82 [23]	5.22 [147]	3.75 [106]	Music wire/gold plated	100K min @ .100 [25.4] max



Installation and Extraction Tool Part Numbers

(see pages 62 & 63)

100-25 Socket

Installation Tool: AT100-KIT, AT100M-KIT adjustable tools or preset IT100-FLUSH or IT100 SET .000 to .345 [0.00 to 8.76]

Extraction Tool: ET100-KIT (includes IT100-FLUSH & ET100 – sockets must be FLUSH before extraction)

075-25 Socket

Installation Tool: AT75-KIT, AT75M-KIT adjustable tools or preset IT75-FLUSH or IT75 SET .000 to .345 [0.00 to 8.76]

Extraction Tool: ET75-KIT (includes IT75-FLUSH & ET75 – sockets must be FLUSH before extraction)

050-25 Socket

Installation Tool: AT50-KIT, AT50M-KIT adjustable tools or preset IT050-25-FLUSH or IT050-25 SET .000 to .270 [0.00 to 6.86]

Extraction Tool: ET050-25-KIT (includes IT050-25-FLUSH & ET050-25 – sockets must be FLUSH before extraction)

050-16 Socket

Installation Tool: AT50-KIT, AT50M-KIT adjustable tools or preset IT050-16-FLUSH or IT050-16 SET .000 to .360 [0.00 to 9.14]

Extraction Tool: ET050-16-KIT (includes IT050-16-FLUSH & ET050-16 – sockets must be FLUSH before extraction)

075 - SDN25 DS
example: 075 - SDN250DS3

TUBE	Letter	Material/Finish
N		Nickel silver/no finish
PRESS RING	Digits	Press Ring
0		Single press ring located at .300 [7.62]
1		Single press ring located at .395 [10.03]
4		Single extra long press ring
POINT STYLE	Digits	Material/Finish
0		Spherical. Heat treated BeCu/plated gold over nickel
3		Chisel. Heat treated BeCu/plated gold over nickel

100 - SDN25 DS
example: 100 - SDN250DS3

TUBE	Letter	Material/Finish
N		Nickel silver/no finish
PRESS RING	Digits	Press Ring
0		Single press ring located at .300 [7.62]
1		Single press ring located at .395 [10.03]
4		Single extra long press ring
POINT STYLE	Digits	Material/Finish
0		Spherical. Heat treated BeCu/plated gold over nickel
3		Chisel. Heat treated BeCu/plated gold over nickel