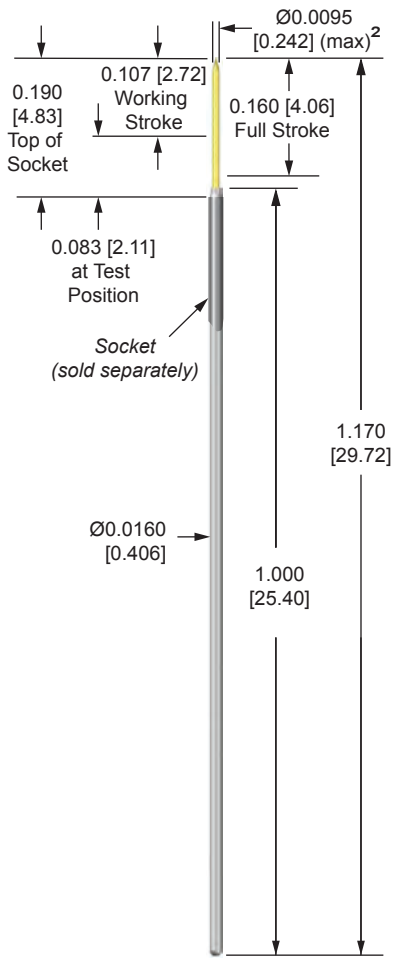




025-16 Series 0.025 [0.63] Centers | 0.160 [4.06] Full Stroke



ROUND

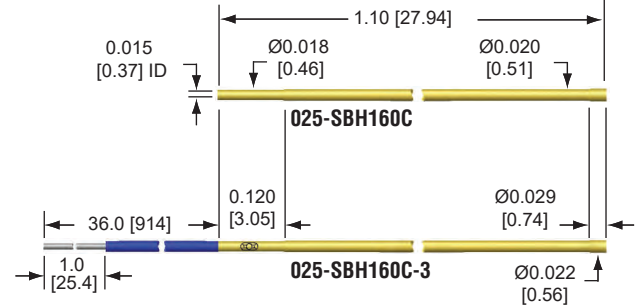


SPEAR



SOCKETS

Suggested mounting holes and drill sizes in AT7000, G10/FR4 or similar materials should be gauged at: 0.0205 / 0.0215 [0.521 / 0.546]; Drill Size #75 or 0.55mm



SOCKET P/N 025-SBH160C- example: 025-SBH160C-3

Tube	Letter	Material/Finish
	H	Phos Bronze/ID & OD precious metal clad
Term.	Letter	Material/Finish
	C	Crimp
Option	Digit	Spring Force
	3	30 AWG Blue Kynar insulated solid wire 36 [914] length pre-attached with 1.0 [25.4] stripped end.
	(Blank)	No option required

US Patent No. 4,885,533

PROBE P/N 025-PRP16 S example: 025-PRP1641S

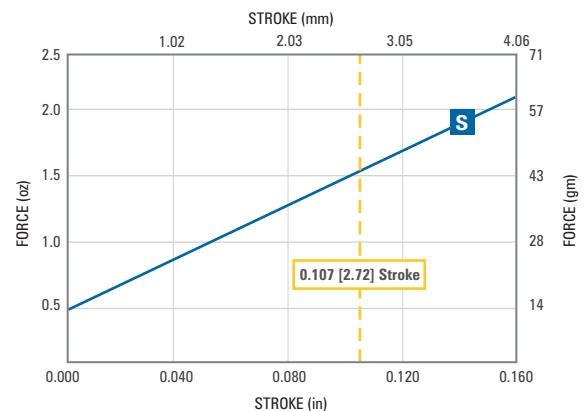
Tube	Letter	Material/Finish	Average Resistance	Current Rating AMPS ¹		
	P	Nickel silver/ID precious metal clad	< 100 mOhms	120°C (204°C) ³ 2.7 (3.7) ³		
Tip Style	Digits	Material/Finish				
	See Tips	Heat treated BeCu/plated gold over nickel				
Spring	Letter	Spring Force	Preload	@ 0.107 [2.72] Stroke	Material	Cycle Life @ 0.107 [2.72] Stroke
	S	Standard	0.5 [14g/0.14N]	1.6 [45g/0.44N]	MW	1,000,000
Option	Letter	Description				
	N	No probe lubrication. Removing lubrication greatly reduces cycle life and should only be used in applications outside of the working temperature range, see Testing in Extreme Working Temperatures application note for more details. ³				
	(Blank)	No option required				

¹ Current rating is affected by spring material and lubrication choice. Please refer to Current Carrying Capacity and Testing in Extreme Working Temperature applications notes for more details.

² Maximum plunger OD should be used to calculate minimum guide plate clearance holes.

³ Working Temperature Range: -5°C to 120°C with lubrication. SS springs can be used up to 204°C without lubrication.

SPRING FORCE



TOOLS & ACCESSORIES

See pages 75-79 for order information.