

108-332/3/4/5/6/7

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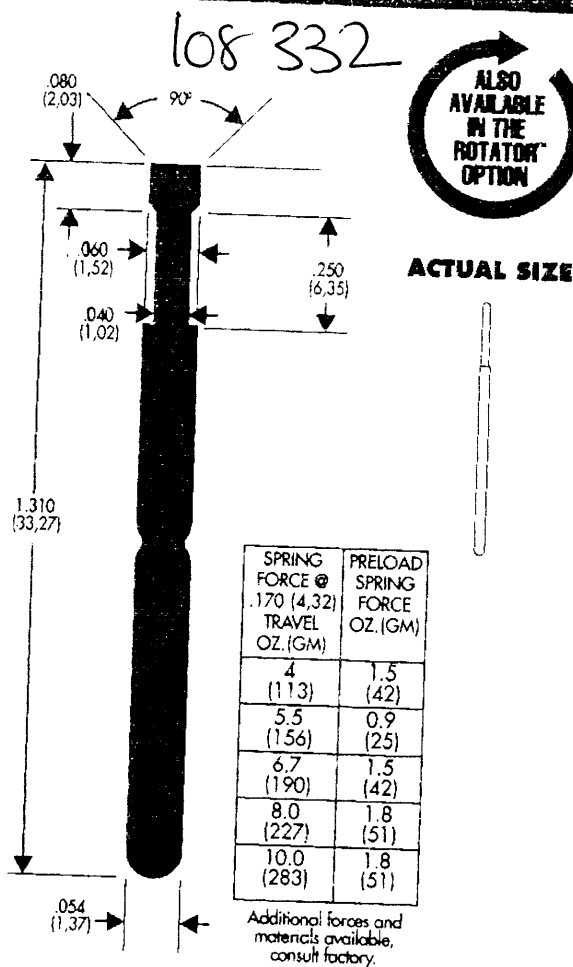
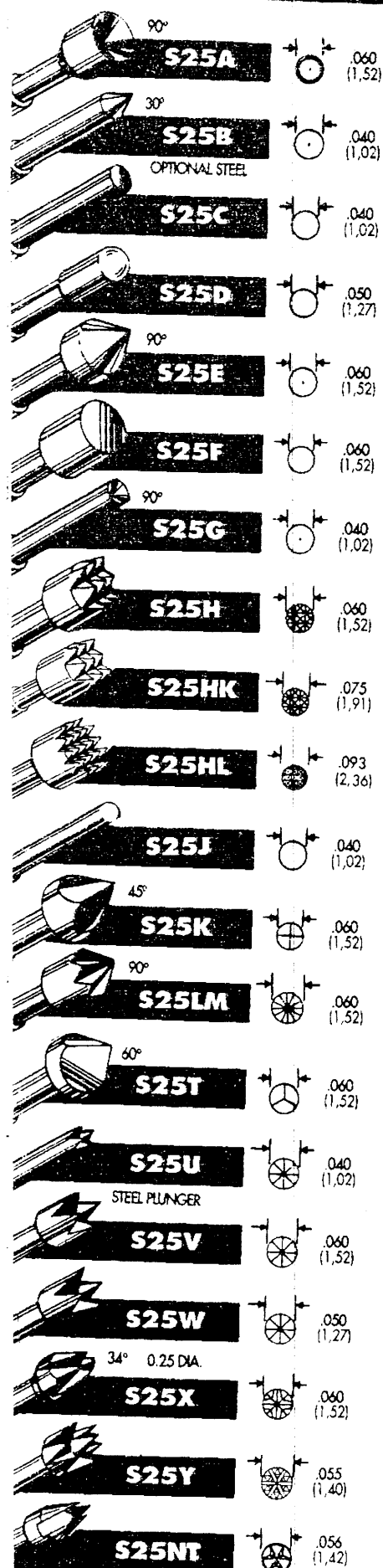
PROBUS ELECTRONICS

02

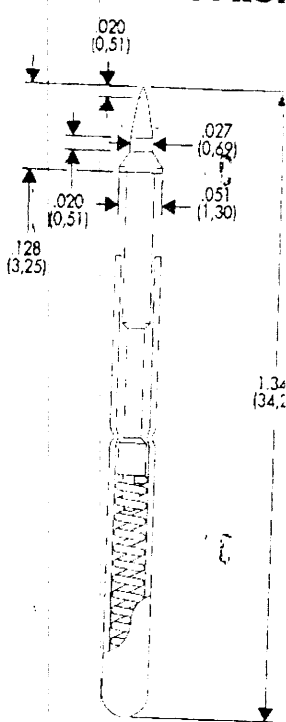
SERIES S, SIZE 25 .100 CENTERS

PROBUS ELECTRONICS
24 EASTCOTE ROAD
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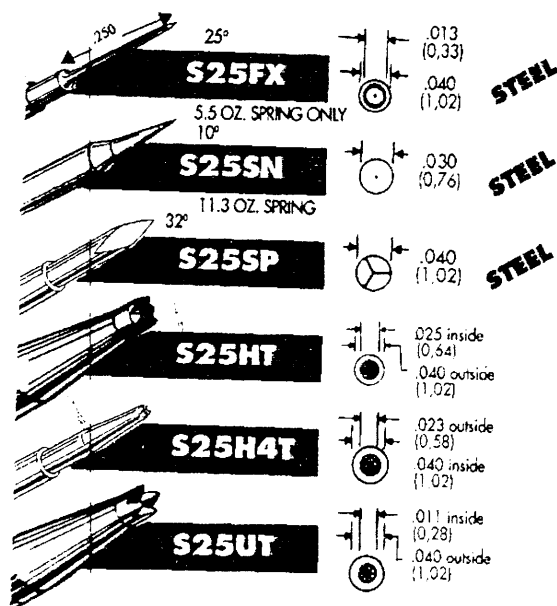
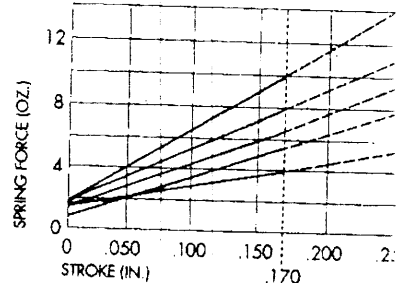
SIZE 25 MC CONNECTOR PROI



For DIN 41612 Connector Testing

PROBE TECHNICAL SUMMARY

Recommended Minimum Centers — .100 (2.54)
Current Rating — 3 amps continuous
Spring Force — 4, 5.5, 6.7, 8 or 10 oz. @ .170 (4.32) travel
Recommended Working Travel — .170 (4.32)
Materials —
Contact Barrel: See Probe Option Section, Page 35
Spring: Music wire, precious metal plated (Stainless Steel available in 4 and 6.7 oz.)
Plunger: Full-hard beryllium copper gold plated over nickel (or optional rhodium plated over nickel.)



Economy Probes, Series SE

Contact Barrel: Nickel/silver.
HOW TO ORDER: SE25A 4 G

Silver Probes, Series SUE

Contact Barrel: Nickel/silver, silver plated
HOW TO ORDER: SUE25A 4 G

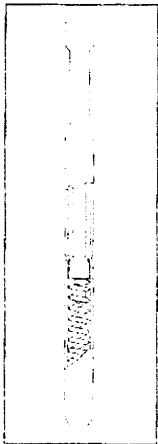
Standard Probes, Series S

Contact Barrel: Nickel/silver, gold plated.
HOW TO ORDER: S25A 4 G

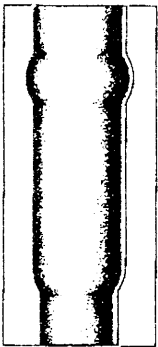
RF Soldered Probe Option

Available in all series except economy.
HOW TO ORDER: S25A 4 G CS

Pylon Replacement Probe, Series SP
 Specify: SP25A-4-G



The SX series probe improves pointing accuracy by a minimum of 50%. It's designed with a reduced working clearance between the plunger shaft and the inside diameter of the barrel. For more information, see the Source Book page 107.



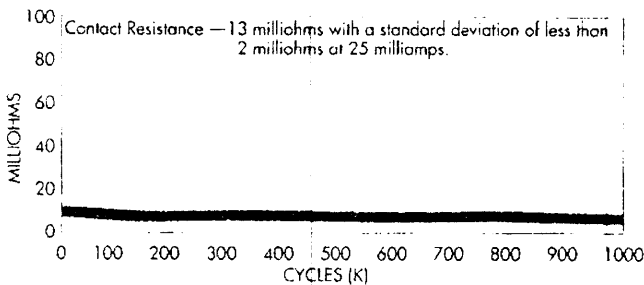
The RX Receptacle features a long alignment bulge, detailed here, which maintains concentricity of receptacle and mounting hole during installation. For more information, see the Source Book page 107.

PROBE OPTION INFORMATION

DuraGold

Contact Barrel: DuraGold.
For ultra-low resistance levels.
Only from IDI.

HOW TO ORDER: **S25A** **4** **DG**



Resistance for DuraGold is shown on this page. See page 44 for additional resistance on Economy, Silver, Standard and RF Soldered.

HOW TO ORDER:

Order from the part numbers listed above and specify the optional characteristic of the category.

Example:
Spring Contact Probe — **S25A** **4** **G**
Rated Spring Force
Plunger Plating

Example:
Receptacle — **R25CR**

TO ORDER: TEL 913-342-5544 FAX 913-342-7043

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RECEPTACLE SIZE 25

Connections —

Style WW: Wire Wrapped .375 (9,53) post length standard, other lengths available

Style RP: Connector insertion

Style CR: Crimp

Style SC: Solder Cup

Recommended Crimped Wire Size: 22-26 GA

Series R, Standard

Material — Nickel/silver, gold plated

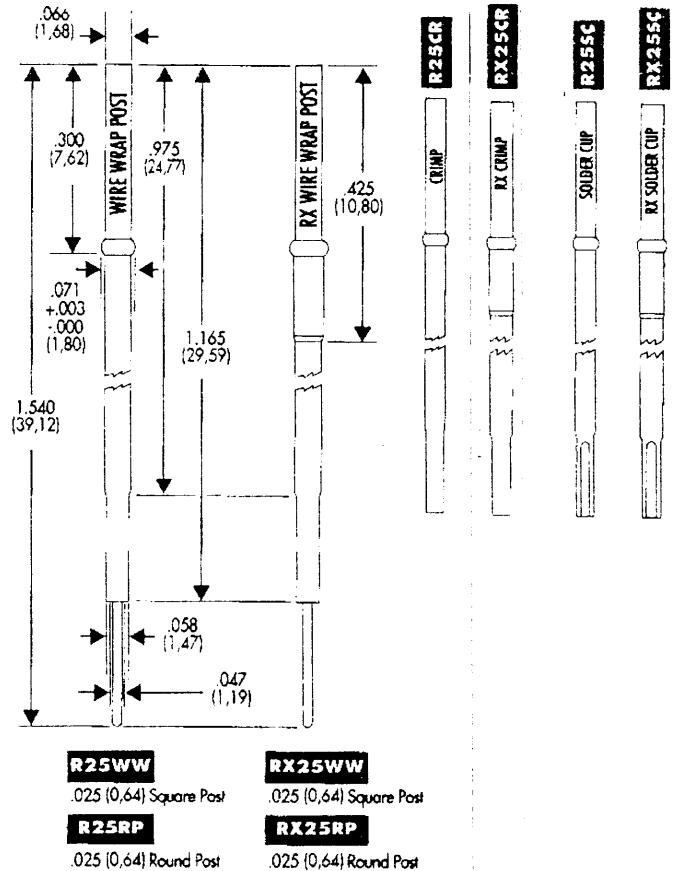
Gold plated post

Series RE, Economy

Material — Nickel/silver

Gold plated post

Dimensions as shown for Series R.



Drill Size: #50
Mounting Hole Size: .068/.070
(1,73/1,78)

Specifications subject to change without notice.
Dimensions in inches (millimeters)

SPRING CONTACT PROBE OPTIONS:

DuraGold—DG
Standard Probes—S
Silver Probes—SUE
Economy Probes—SE
RF Soldered Probes—CS (at end of number)
Pylon Replacement—SP
Factor Replacement—SF
CRIMPING PLIERS — CP25
INSERTION TOOL — RT25

Rated Spring Force (in oz.) —
(in oz.) — 5..
(in oz.) — 6..
(in oz.) — 10..
(in oz.) — 10..
Plunger Plating
(Gold) — G
(Rhodium) — R