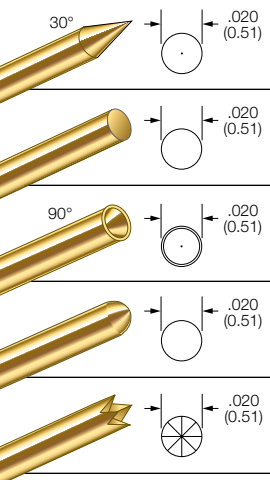


# Series S Size 00 - .039 Centers

## BeCu PLUNGER TIPS



**B**

**C**

**G**

**J**

**U**

## PROBE SPECIFICATIONS

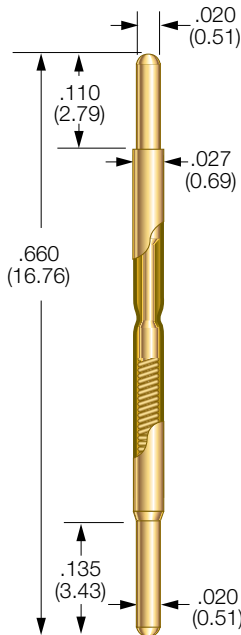
**Minimum Centers:** .039 (0.99)  
**Current Rating:** 3 amps continuous  
**Spring Force:** 1.3 or 1.6 oz. @ .050 (1.27) travel  
**Typical Resistance:** < 55 mΩ  
**Maximum Travel:** .090 (2.29)  
**Working Travel:** .050 (1.27)

| Rated Force<br>oz. (g) | Preload<br>oz. (g) | Material |
|------------------------|--------------------|----------|
| 1.3 (37)               | 0.6 (17)           | BeCu     |
| 1.6 (45)               | 0.7 (20)           | SS       |

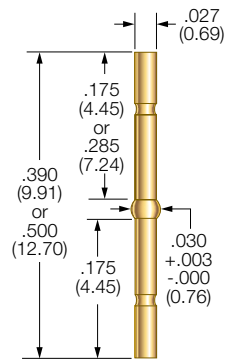
## MATERIALS

**Barrel:** Nickel/silver, preplated gold  
**Spring:** Beryllium copper or stainless steel, gold plated  
**Plunger:** Beryllium copper, gold plated over nickel or Duralloy™  
**Receptacle:** Nickel/silver, gold plated  
**Plug-In Terminal:** Beryllium copper, preplated gold

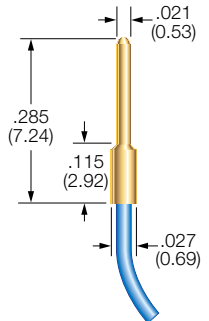
## S-00 PROBE



## R-00 Receptacles R00-W-390 / R00-W-500



## FP-Plug



**Drill Size:** 0.75mm

**Mounting Hole Size:**

.028/.0295 (0.71/0.75)

**Recommended Wire:** 30 gage

## RECEPTACLE OPTIONS

| Part Number | Style             | Receptacle or Terminal Length | Probe/Receptacle Combined Length | Probe/Receptacle/Terminal Combined Length |
|-------------|-------------------|-------------------------------|----------------------------------|-------------------------------------------|
| R-00-W-390  | Receptacle        | 0.390 (9.91)                  | 0.915 (23.24)                    | 1.03 (26.16)                              |
| R-00-W-500  | Receptacle        | 0.500 (12.70)                 | 1.025 (26.04)                    | 1.14 (28.96)                              |
| FP-Plug     | Plug-In Terminal* | 0.285 (7.24)                  | —                                | —                                         |

\*To order with preattached wire, add wire length and strip length (in inches) to the end of the part number. For example: R-00-W-390-36-1 or FP-Plug-36-1

## HOW TO ORDER: SPRING CONTACT PROBE

| S                                                                                              | 00   | J         | 1.3          | G               |
|------------------------------------------------------------------------------------------------|------|-----------|--------------|-----------------|
| SERIES                                                                                         | SIZE | TIP STYLE | SPRING FORCE | PLATING OPTIONS |
| <b>SPRING FORCE:</b><br>1.3 oz. @ .050 (1.27) TRAVEL<br>1.6 oz. @ .050 (1.27) TRAVEL           |      |           |              |                 |
| <b>CRIMPING PLIERS:</b><br>CP00W-390<br>CP00W-500<br><b>INSERTION TOOL:</b> RT00               |      |           |              |                 |
| <b>PLATING OPTIONS:</b><br><b>G:</b> GOLD PLATED PLUNGER<br><b>D:</b> DURALLOY™ PLATED PLUNGER |      |           |              |                 |

## RECEPTACLE

| R                                            | 00   | W           | 390    |
|----------------------------------------------|------|-------------|--------|
| SERIES                                       | SIZE | TERMINATION | LENGTH |
| <b>TERMINATIONS:</b><br><b>W:</b> RECEPTACLE |      |             |        |
| <b>LENGTHS:</b><br>390 OR 500                |      |             |        |

\* TO ORDER WITH PREATTACHED WIRE, ADD WIRE LENGTH AND STRIP LENGTH (IN INCHES) TO THE END OF THE PART NUMBER. 12" AND 36" STANDARD.

VIEW UPDATES OF THIS INFORMATION AT [WWW.IDINET.COM](http://WWW.IDINET.COM)

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