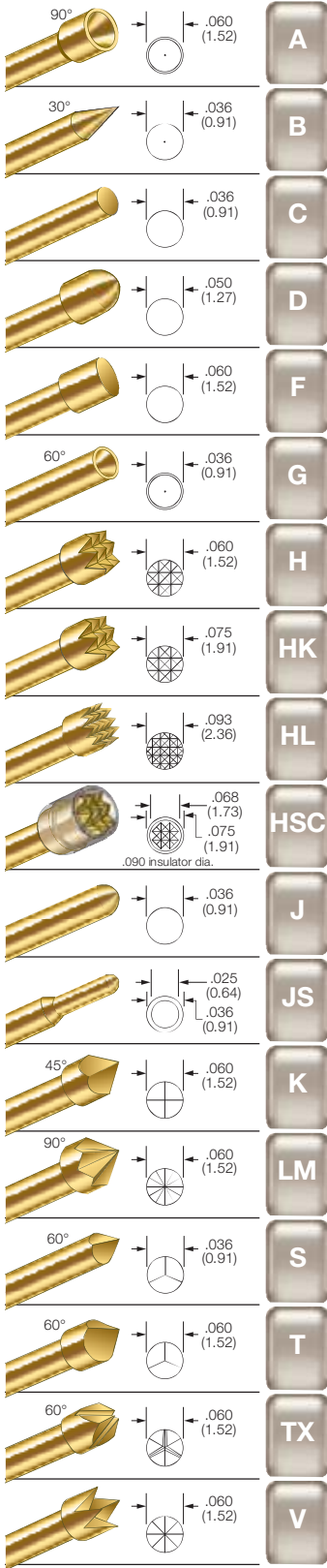


# ICT-100 and S-100

SIZE 100 .100 CENTERS

## BeCu PLUNGER TIPS



## PROBE SPECIFICATIONS

**Minimum Centers:** .100 (2.54)  
**Current Rating:** 3 amps continuous  
**Spring Force:** 3.5, 5.5, 6.7, 8.0, 10.0 or 17.0 oz. @.170 (4.32) travel  
**Typical Resistance:** < 8 mΩ  
**Maximum Travel:** .250 (6.35)  
**Working Travel:** .170 (4.32)

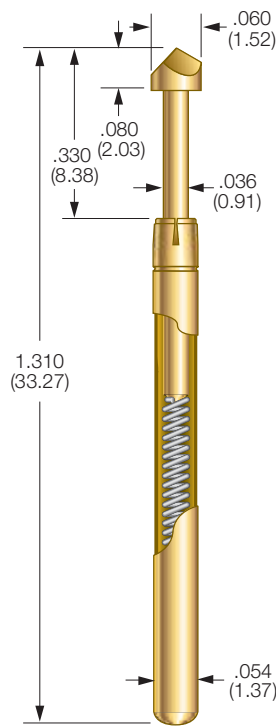
Rated Force oz (g)	Preload oz (g)	Material
3.5 (99)	1.5 (43)	BeCu*
5.5 (156)	2.4 (68)	MW**
6.7 (190)	2.8 (80)	SS
8.0 (227)	3.3 (94)	MW**
10.0 (283)	3.7 (105)	MW
17.0 (483)	6.8 (193)	MW

\* 3.5 oz spring S-100 only \*\* BeCu for S Series

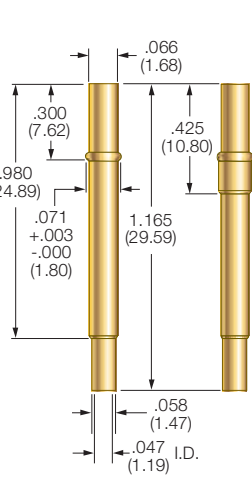
## MATERIALS

**Barrel:** G2  
**Spring:** Beryllium copper, music wire, nickel plated or stainless steel  
**Plunger:** Beryllium copper or steel, gold plated over nickel  
**Receptacle:** Nickel/silver, gold plated; gold plated post

## ICT-100 PROBE



## R-100 Receptacle

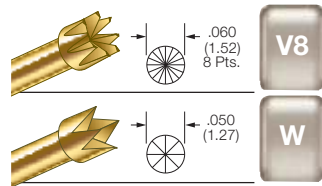


**Drill Size:** #50  
**Mounting Hole Size:** .068/.070 (1.73/1.78)  
**Recommended Wire:** 22-26 gage

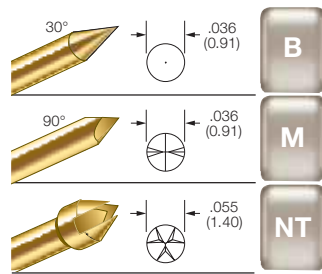
## RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-100-CR	Crimp	1.165 (29.59)	1.495 (37.97)	—
R-100-SC	Solder Cup	1.165 (29.59)	1.495 (37.97)	—
R-100-RP	Round Post	1.540 (39.12)	1.870 (47.50)	.375 post length - .025 dia.
R-100-WW-429	Wire Wrap	1.594 (40.49)	1.924 (48.87)	.429 post length - .025 sq.
R-100-WW-694	Wire Wrap	1.859 (47.22)	2.189 (55.60)	.694 post length - .025 sq.
R-100-WW-1.044	Wire Wrap	2.209 (56.11)	2.539 (64.49)	1.044 post length - .025 sq.

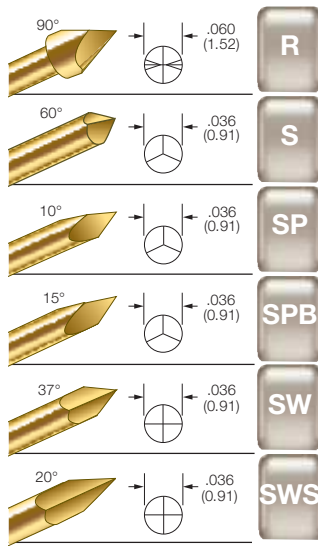
## BeCu PLUNGER TIPS



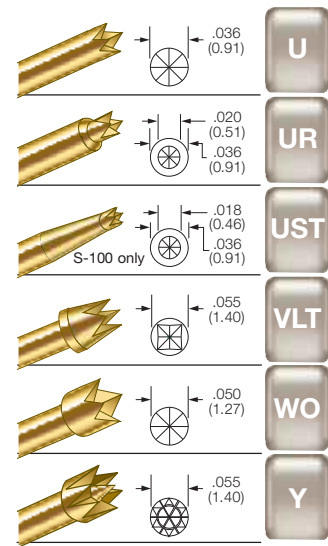
## STEEL PLUNGER TIPS



## STEEL PLUNGER TIPS

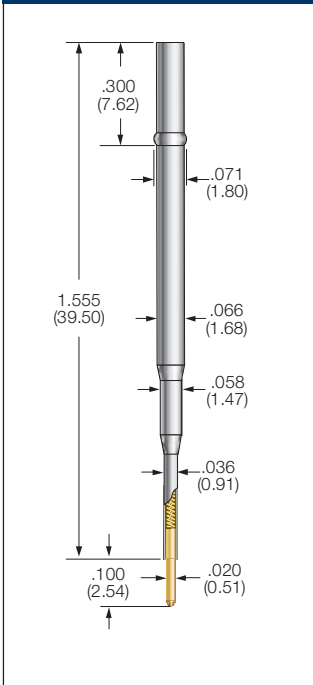


## STEEL PLUNGER TIPS



## WIRELESS RECEPTACLE

### R-100-J-DE



#### PROBE SPECIFICATIONS

**Minimum Centers:** .100 (2.54)  
**Drill Size:** #50  
**Mounting Hole Size:** .068/.070 (1.73/1.78)  
**Spring Force:** 2.7 oz. (77g) @ .070 (1.77) travel  
**Maximum Travel:** .100 (2.54)  
**Working Travel:** .070 (1.77)

#### MATERIALS

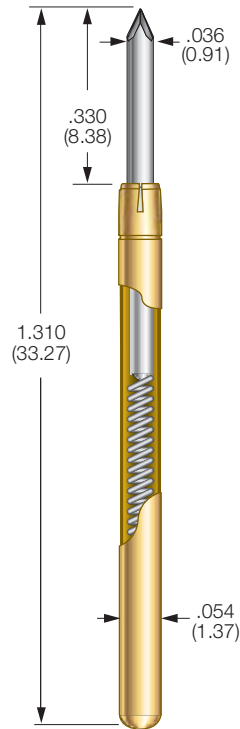
**Receptacle:** Nickel/silver, gold lined inside  
**Spring:** Music wire, gold plated  
**Plunger:** Beryllium copper, gold plated over nickel

#### HOW TO ORDER

<b>R</b>	<b>100</b>	<b>J</b>	<b>DE</b>
SERIES	SIZE	TIP STYLE	TERMINATION

## LEAD FREE TEST PROBE

### ICT-100-LF PROBE



#### PROBE SPECIFICATIONS

**Minimum Centers:** .100 (2.54)  
**Current Rating:** 3 amps continuous  
**Spring Force:** 8.0 oz. @ .170 (4.32) travel  
**Typical Resistance:** < 30 mΩ against a lead free surface  
**Maximum Travel:** .250 (6.35)  
**Working Travel:** .170 (4.32)

#### MATERIALS

**Barrel:** G2  
**Spring:** Music wire, nickel plated  
**Plunger:** Steel, Duralloy™ plated

#### HOW TO ORDER

<b>ICT</b>	<b>100</b>	<b>LF</b>	<b>8</b>	<b>D</b>	<b>S</b>
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS	STEEL PLUNGER OPTION

## HOW TO ORDER: SPRING CONTACT PROBE

<b>ICT</b>	<b>100</b>	<b>T</b>	<b>5.5</b>	<b>G</b>	<b>S</b>
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS	STEEL PLUNGER OPTION
<b>SERIES:</b> ICT: HIGH PERFORMANCE S: STANDARD PERFORMANCE (NO BIFURCATED BEAM)		<b>SPRING FORCE:</b> 3.5 oz. @ .170 (4.32) TRAVEL* 5.5 oz. @ .170 (4.32) TRAVEL 6.7 oz. @ .170 (4.32) TRAVEL 8.0 oz. @ .170 (4.32) TRAVEL 10.0 oz. @ .170 (4.32) TRAVEL 17.0 oz. @ .170 (4.32) TRAVEL *S-100 SERIES ONLY			
<b>CRIMPING PLIERS:</b> CPR100 <b>INSERTION TOOL:</b> RTR100					

## RECEPTACLE

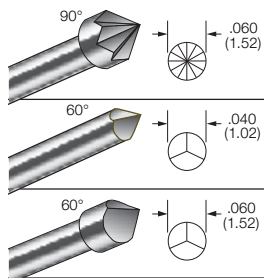
<b>R</b>	<b>100</b>	<b>WW</b>	<b>429</b>
SERIES	SIZE	TERMINATION	POST LENGTH
<b>SERIES:</b> R: HIGH PERFORMANCE RX: IMPROVED POINTING ACCURACY		<b>TERMINATION:</b> CR: CRIMP SC: SOLDER CUP RP: ROUND POST WW: WIRE WRAP <b>POST LENGTH:</b> WW: 429, 694 OR 1.044	

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

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

# S-100 Rotator .100 CENTERS

## BeCu PLUNGER TIPS



## PROBE SPECIFICATIONS

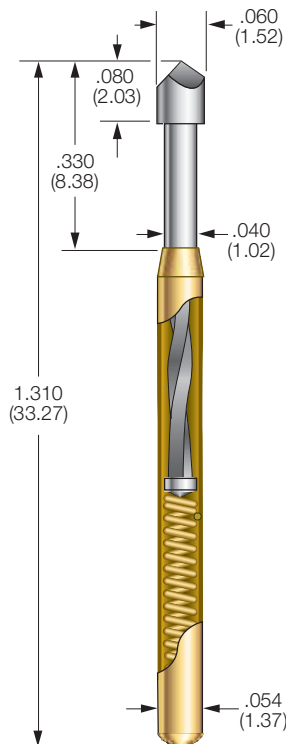
Minimum Centers: .100 (2.54)  
 Current Rating: 3 amps continuous  
 Spring Force: 4.0, 5.5, 6.7, 8.0 or 10.0 oz. @ .170 (4.32) travel  
 Typical Resistance: < 50 mΩ  
 Maximum Travel: .220 (5.59)  
 Working Travel: .170 (4.32)  
 Rotates: 90° @ .170 (4.32) travel

Rated Force oz (g)	Preload oz (g)	Material
4.0 (113)	1.5 (43)	SS
5.5 (156)	2.0 (57)	SS
6.7 (190)	1.5 (43)	SS
8.0 (227)	2.8 (80)	MW
10.0 (283)	1.8 (51)	MW

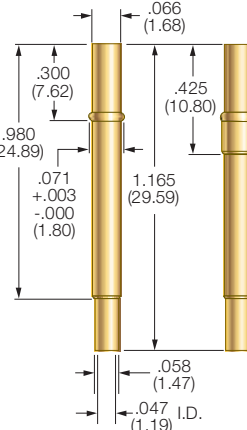
## MATERIALS

Contact Barrel: G2  
 Spring: Music wire or stainless steel, gold plated  
 Plunger: Beryllium copper, Duralloy™ plated  
 Receptacle: Nickel/silver, gold plated; gold plated post

## S-100 ROTATOR



## R-100 Receptacle R Series RX Series



Drill Size: #50  
 Mounting Hole Size: .068/.070 (1.73/1.78)  
 Recommended Wire: 22-26 gage

## RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-100-CR	Crimp	1.165 (29.59)	1.495 (37.97)	—
R-100-SC	Solder Cup	1.165 (29.59)	1.495 (37.97)	—
R-100-RP	Round Post	1.540 (39.12)	1.870 (47.50)	.375 post length - .025 dia.
R-100-WW-429	Wire Wrap	1.594 (40.49)	1.924 (48.87)	.429 post length - .025 sq.
R-100-WW-694	Wire Wrap	1.859 (47.22)	2.189 (55.60)	.694 post length - .025 sq.
R-100-WW-1.044	Wire Wrap	2.209 (56.11)	2.539 (64.49)	1.044 post length - .025 sq.

## HOW TO ORDER: SPRING CONTACT PROBE

S	100	T	4	RT
SERIES	SIZE	TIP STYLE	SPRING FORCE	ROTATOR
SPRING FORCE: 4.0 oz. @ .170 (4.32) TRAVEL 5.5 oz. @ .170 (4.32) TRAVEL 6.7 oz. @ .170 (4.32) TRAVEL 8.0 oz. @ .170 (4.32) TRAVEL 10.0 oz. @ .170 (4.32) TRAVEL				
CRIMPING PLIERS: CPR100 INSERTION TOOL: RTR100				

## RECEPTACLE

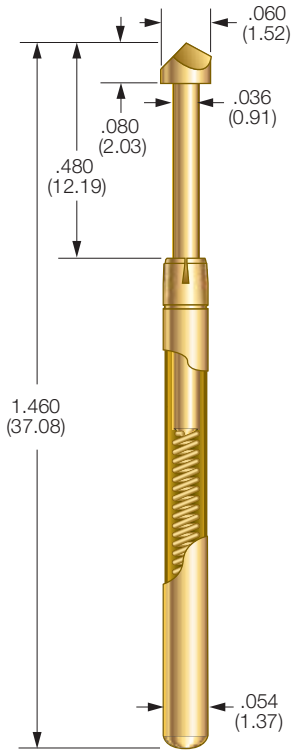
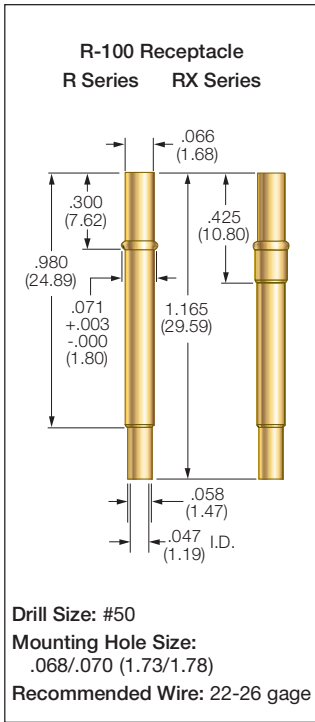
R	100	WW	429
SERIES	SIZE	TERMINATION	POST LENGTH
SERIES: R: HIGH PERFORMANCE RX: IMPROVED POINTING ACCURACY		TERMINATIONS: CR: CRIMP SC: SOLDER CUP RP: ROUND POST WW: WIRE WRAP	
		POST LENGTH: WW: 429, 694 or 1.044	

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

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

# .100 CENTERS SIZE L100 Series ICT

## ICT-L100 PROBE



## PROBE SPECIFICATIONS

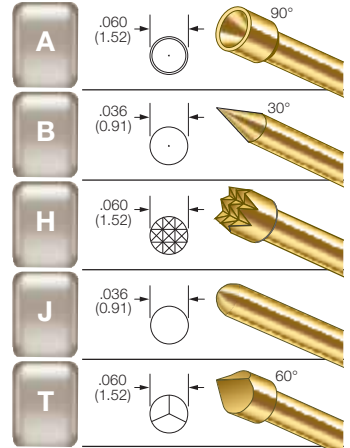
Minimum Centers: .100 (2.54)  
 Current Rating: 3 amps continuous  
 Spring Force: 5.7 oz. @.317 (8.05) travel  
 Typical Resistance: < 10 mΩ  
 Maximum Travel:  
 VLT tip: .385 (9.78)  
 All others: .400 (10.16)  
 Working Travel: .317 (8.05)

Rated Force oz (g)	Preload oz (g)
5.7 (162)	1.8 (51)

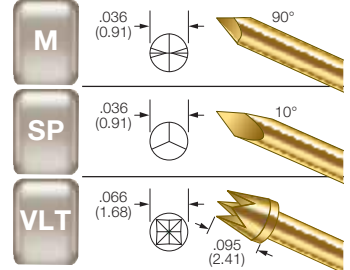
## MATERIALS

Barrel: G2  
 Spring: Music wire, gold plated over nickel  
 Plunger: Beryllium copper or steel, gold plated over nickel  
 Receptacle: Nickel/silver, gold plated; gold plated post

## BeCu PLUNGER TIPS



## STEEL PLUNGER TIPS



## RECEPTACLE OPTIONS

Part Number	Style	Receptacle Length	Probe/Receptacle Combined Length	Comments
R-100-CR	Crimp	1.165 (29.59)	1.645 (41.78)	—
R-100-SC	Solder Cup	1.165 (29.59)	1.645 (41.78)	—
R-100-RP	Round Post	1.540 (39.12)	2.020 (51.31)	.375 post length - .025 dia.
R-100-WW-429	Wire Wrap	1.594 (40.49)	2.074 (52.68)	.429 post length - .025 sq.
R-100-WW-694	Wire Wrap	1.859 (47.22)	2.339 (59.41)	.694 post length - .025 sq.
R-100-WW-1.044	Wire Wrap	2.209 (56.11)	2.689 (68.30)	1.044 post length - .025 sq.

## HOW TO ORDER: SPRING CONTACT PROBE

<b>ICT</b>	<b>L100</b>	<b>T</b>	<b>5.7</b>	<b>G</b>	<b>S</b>
SERIES	SIZE	TIP STYLE	SPRING FORCE	PLATING OPTIONS	STEEL PLUNGER OPTION

SPRING FORCE:  
5.7 oz. @ .317 (8.05) travel

CRIMPING PLIERS: CPR100  
 INSERTION TOOL: RTR100

## RECEPTACLE

<b>R</b>	<b>100</b>	<b>WW</b>	<b>429</b>
SERIES	SIZE	TERMINATION	POST LENGTH

SERIES:  
 R: HIGH PERFORMANCE  
 RX: IMPROVED POINTING ACCURACY, HIGH PERFORMANCE

TERMINATIONS:  
 CR: CRIMP  
 SC: SOLDER CUP  
 WW: WIRE WRAP  
 RP: ROUND POST

POST LENGTH:  
 WW: 429, 694 or 1.044

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

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