



BEADON
SOLUTIONS

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KPT2560

Kelvin Test Probes - 256 Mil / 6.50 mm



APPROXIMATE SIZE

KPT2560

KELVIN TEST PROBES

TIP STYLES

KPT2560

Technical Specifications

Mechanical Data - Spring-Loaded Inner Plunger

- Recommended Working Stroke: 3.0 mm [0.118]
- Full Stroke: 3.50 mm [0.138]

Mechanical Data - Outside Grounding

- Recommended Working Stroke: 2 mm [0.079]
- Full Stroke: 2.50 mm [0.098]

Total Spring Force

- Total Spring Force by Working Stroke
6.5 N - 23.4 [oz]

Average Resistance: max. 10 mΩ

Barrel Material:

Phosphor Bronze / Beryllium Copper

Spring Material: Spring Steel Plated

Operating Temperature: - 40 °C up to + 120 °C
[- 40 °F up to + 248 °F]

Mounting Hole Size:

Socket / Receptacle Diameter + 0.01 - 0.03 mm
[0.394 - 1.181 mil] drill bits are recommended.^Δ

Inner Plunger Spring Force at Working Stroke		
Code	Rated force (N)	Rated force [oz]
M	1.50	5.4

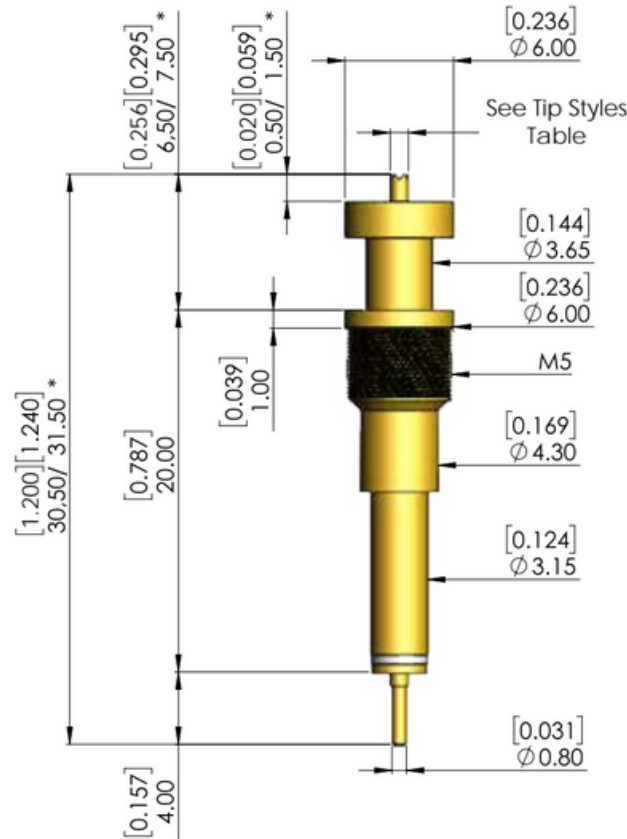
Outside Grounding Spring Force at Working Stroke		
Code	Rated force (N)	Rated force [oz]
M	5.00	18.0

Plunger Material	
Code	Material
0	BeCu
5	Steel

Plunger Plating	
Code	Material
No letter	Hard Gold

^Δ Varies from used drilling technologies and raw materials. For more Technical information consult with us at: info@equip-test.com

Kelvin Test Probes have 2 independent Plungers, and are primarily used for 4-wire resistance measurement.



Recommended Socket / Receptacle Series for Kelvin Test Probes KPT2560 is RCT217. See Page 184 for detailed information.

Tool for KPT2560 Series Test Probes

Tool Handle w. shaft	Insertion & Extraction Bit
	
TH3	TBT25670

*Exchangeable Bits above always need a TH3 Tool Handle for proper use. Tool Handle fits to all Exchangeable Bits from this catalog.

Test Probes Ordering Code Example

KPT2560 G4 M A M

a b c d e

a: Series b: Inner Plunger Tip Style c: Inner Plunger Spring Force d: Outer Plunger Tip Style e: Outer Plunger Spring Force

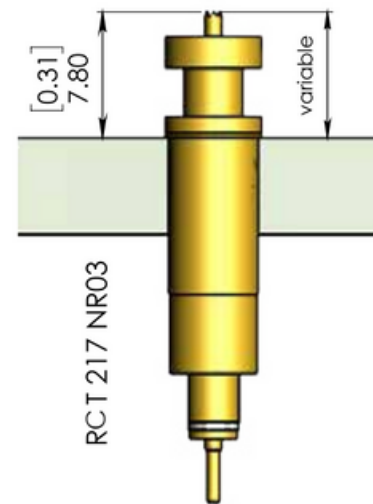
By default Plunger is Hard Gold plated and it is not marked in the PO Code. Fill position b: only if different.

Inner Plunger Tip Style	Plunger Material	Tip Diameter x Tip Length	
		mm	[inches]
 U2	5	1.00 x 0.50	0.039 x 0.019
 G4	5	1.00 x 1.50	0.039 x 0.059

Outer Plunger Tip Style	Plunger Material	Plunger Diameter	
		mm	[inches]
 A	0	6.00	0.236

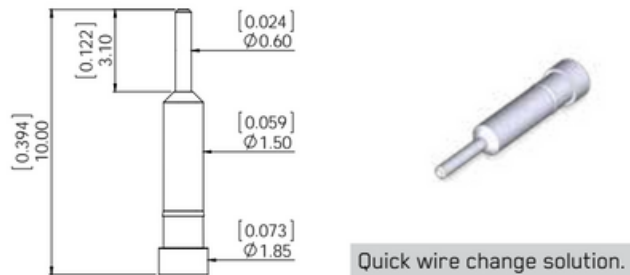
Tip Diameter Code changes according to the Tip Style.

Installation Height



PLG1027

Material: Brass - Tin Plated



Socket / Receptacle Ordering Code Example

RCT217 NR03

x y z

x: Series • y: Socket / Receptacle Plating • z: Option

By default Socket / Receptacle is Hard Gold plated and it is not marked in the PO Code. Fill position y: only if different.

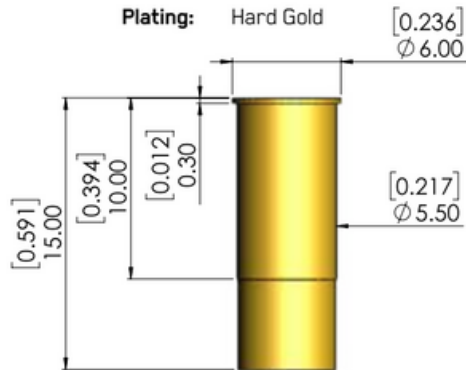
RCT217 NR03

Installation Height

- Fixed: 7.80 mm [0.307]
- Variable: variable

Material: Brass

Plating: Hard Gold



Tool for RCP217 Sockets / Receptacles Contains:
Tool Handle + Exchangeable Bit(s)
- has to be chosen*



Handle TH1



Universal Pressing Bit
TBP30000



Customized Pressing Bit
TBR25637

*Exchangeable Bits above always need a Tool Handle for proper use. Tool Handle fits to all Exchangeable Bits from this catalog.



Extraction Bit
TBR25671

*Extraction Bit for Receptacle is applicable both to universal Handle TH1 and extraction optimized Handle TH2 (See Page 4)

Socket / Receptacle Plating

Code	Material
No letter	Hard Gold

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ACTUAL SIZE