

# DKS Rotating Probe

Test Probes for problematic contacting demands

## Grid:

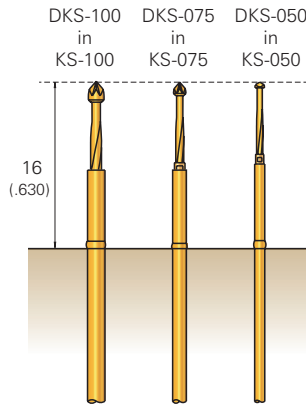
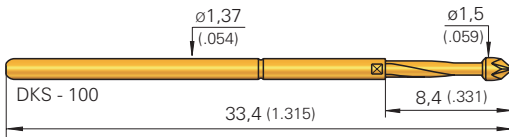
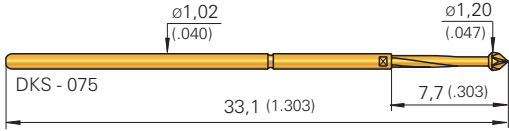
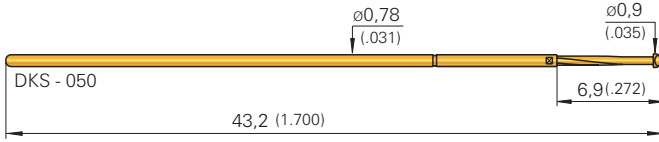
≥ 1,27/1,91/2,54 mm

≥ 50/75/100 Mil

Installation Height: 16,0 mm (.630) / variable

Recommended Stroke: 4,3 mm (.169)

## Mounting and Functional Dimensions



**Collar Height and Installation Height, Receptacles, Electrical Data, Mounting Hole Sizes and Materials:**  
see compatible Standard Probe Series

DKS	Compatible Probe	Page
DKS-050	GKS-050	23
DKS-075	GKS-075	24/25
DKS-100	GKS-100	26/27

### Mechanical Data

**Working Stroke:** 4,3 mm (.169)

**Maximum Stroke:** 6,35 mm (.250)

### Spring Forces of DKS-050

**Spring Force at Work. Stroke:** 1,5 N (5.4oz)

**alternative:** 2,0 N (7.2oz)

### Spring Forces of DKS-075

**Spring Force at Work. Stroke:** 1,0 N (3.6oz)

**alternative:** 2,0 N (7.2oz)

### Spring Forces of DKS-100

**Spring Force at Work. Stroke:** 1,0 N (3.6oz)

**alternative:** 2,0 N (7.2oz) ; 3,0 N (10.8oz)

### Materials

**Plunger:** BeCu or Steel, gold-plated

**Barrel:** Nickel-Silver or Bronze, gold-plated

**Spring:** Steel, gold-plated

**Receptacle:** Nickel-Silver or Brass, gold-plated

### Operating Temperature

**Standard:** -40° up to +80° C

### Tools:

Insertion and Extraction Tools for GKS and KS see Page 118.

## Available Tip Styles

DKS-050

Material	Tip Style	Plating	Further Versions	
			∅	∅ (inch)
2 07		G	∅ 0,90 (.035)	

## Available Tip Styles

DKS-075

Material	Tip Style	Plating	Further Versions	
			∅	∅ (inch)
2 17		G	∅ 1,20 (.047)	
3 07		G	∅ 0,76 (.030)	

## Available Tip Styles

DKS-100

Material	Tip Style	Plating	Further Versions	
			∅	∅ (inch)
2 17		G	∅ 1,50 (.059)	
3 07		G	∅ 1,00 (.039)	

## Ordering Example

Series	Tip Material 2 = Steel 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating G = Aurun	Spring Force (dN)	Collar Height (mm)
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Test Probes:

D K S	0 5 0	2 0 7	0 9 0	G	1 5	0 0
D K S	0 7 5	2 1 7	1 2 0	G	2 0	0 0
D K S	1 0 0	2 1 7	1 5 0	G	2 0	0 0