

# DKS Rotating Probe

Test Probes for Challenging Contacting Demands

## Grid:

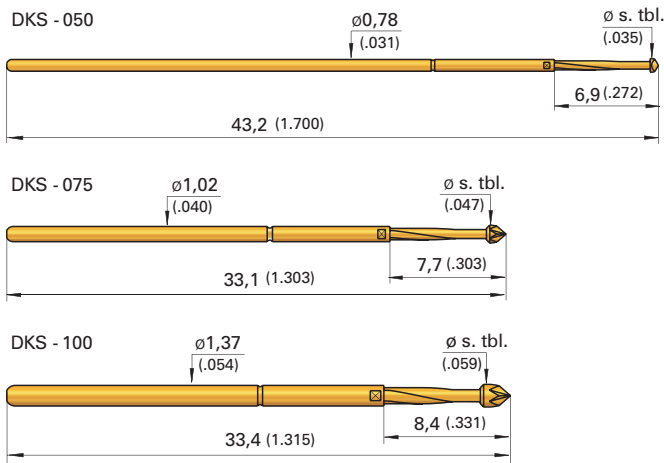
≥ 1,27/1,91/2,54 mm

≥ 50/75/100 Mil

Installation height with KS: 16,0 mm (.630) / variable

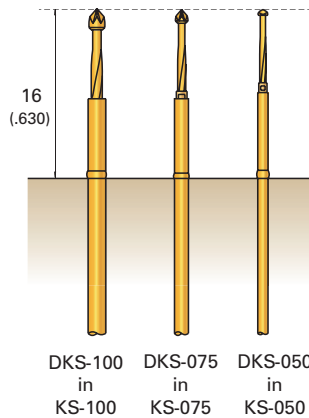
Recommended stroke: 4,3 mm (.169)

## Mounting and functional dimensions



Collar height and installation height, receptacles, electrical data, mounting hole sizes and materials see compatible standard probe series: GKS-050/075/100.

DKS	Compatible probe	Page
DKS-050	GKS-050	25
DKS-075	GKS-075	26/27
DKS-100	GKS-100	28/29



## 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

## Electrical data

Current rating:

DKS-050: 2 A

DKS-075: 3 A

DKS-100: 5 A

R<sub>i</sub> typical: < 20 mΩ

## 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)
3	07	G	∅ 0,76 (.026)	
2	17	G	∅ 1,20 (.047)	

## Available tip styles DKS-100

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

## Ordering example

Series	Tip material	Tip style	Tip diameter (1/100 mm)	Plating	Spring force (dN)	Collar height (mm)
	2 = Steel 3 = BeCu			G = Aurun		

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