

DKS Rotating Probe

Test Probes for Challenging Contacting Demands

Grid:

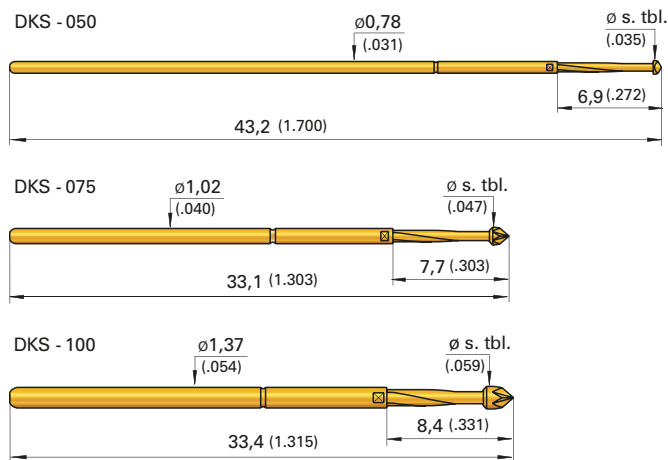
≥ 1,27/1,91/2,54 mm

≥ 50/75/100 Mil

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

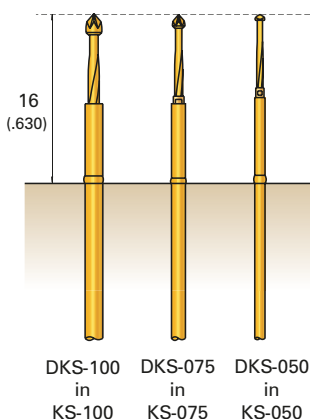
Recommended stroke: 4,3 mm (.169)

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



Available tip styles DKS-050

Material		Tip style	Plating	Further versions	
				Ø	Ø (inch)
2	07		Ø 0,90 (.035)	G	

Available tip styles DKS-075

Material		Tip style	Plating	Further versions	
				Ø	Ø (inch)
3	07		Ø 0,76 (.026)	G	
2	17		Ø 1,20 (.047)	G	

Available tip styles DKS-100

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

Mechanical data

Working stroke: 4,3 mm (.169)
Maximum stroke: 6,35 mm (.250)

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

Spring forces of DKS-050

Spring force at work. stroke: 1,5 N (5.4oz)
Alternative: 2,0 N (7.2oz)

Operating temperature

Standard: -40° up to +80° C

Spring forces of DKS-075

Spring force at work. stroke: 1,0 N (3.6oz)
Alternative: 2,0 N (7.2oz)

Electrical data

Current rating:
DKS-050: 2 A
DKS-075: 3 A
DKS-100: 5 A
R_i typical: < 20 mΩ

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)

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)
DKS	050	2	07	090	G	1500
DKS	075	2	17	120	G	2000
DKS	100	2	17	150	G	2000

Test probes: