

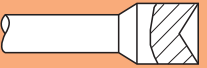






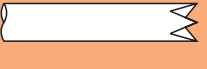



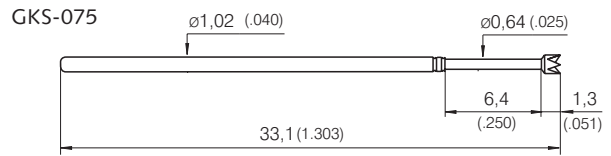


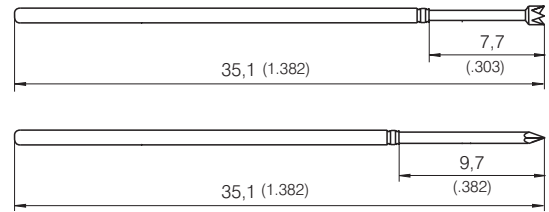
Available Tip Styles				
Material	Tip Style	Standard Plating	Special Versions	
			Ø	Ø(inch)
0	06* 	A		
2	01 	A		
3	03 	A		
2	04 	A		
3	05 	A		
3	06 	A	1,20	(.047)
2	07 	A	1,00 1,20	(.039) (.047)
2	09 	A		
2	14 	A		
2	14 	A	0,80 1,00	(.031) (.039)
2	17 	A		
2	24 	A		
2	25 	A	1,30	(.051)

* Tip Height: 2,8 mm (.110) - Total Length 1,5 mm (.059) longer than Standard

Mounting and Functional Dimensions



GKS-075 ... L



L-Version: by GKS-075 291 064 ... longer Plungers are used, by all other Tip Styles longer Barrels are used.

Mechanical Data

Working Stroke: 4,3 mm (.169)
 Maximum Stroke: 6,35 mm (.250)
 Spring Force at Work. Stroke: 2,0 N (7.2 oz.)
 alternative: 0,6 N (2.2 oz); 1,0 N (3.6 oz); 1,5 N (5.4 oz); 2,8 N (10.1 oz)
 Test Point Size: ≥ Ø 0,80 mm (.031)

Electrical Data

Current Rating: 3-4 A
 R_i typical: < 20 mΩ (** >100 mΩ)

Operating Temperature

Standard: -40° up to +80° C
 ** With Special Designation "C" -100° up to +200° C (2,0 N; 2,8 N)

C-Versions only available for GKS-075 with total length 33,1 mm (1.303)

Materials

Plunger: BeCu or Steel, gold-plated
 Barrel: Nickel-silver or Bronze, gold-plated
 Spring: Steel, gold-plated or Stainless Steel** (C)

Tools:

Insertion and Extraction Tools for GKS and KS > see Page 80.

For checking the Stroke of a Test Fixture, we recommend the usage of Stroke Measurement Probes (see page 78)

Ordering Example:



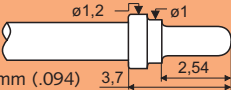

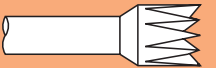
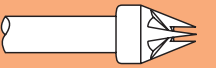



Series	Tip Material 0 = Delrin 2 = Steel 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold	Spring Force (dN)	Collar Height (mm)	Special Designation
--------	---	-----------	----------------------------	---------------------	----------------------	-----------------------	---------------------

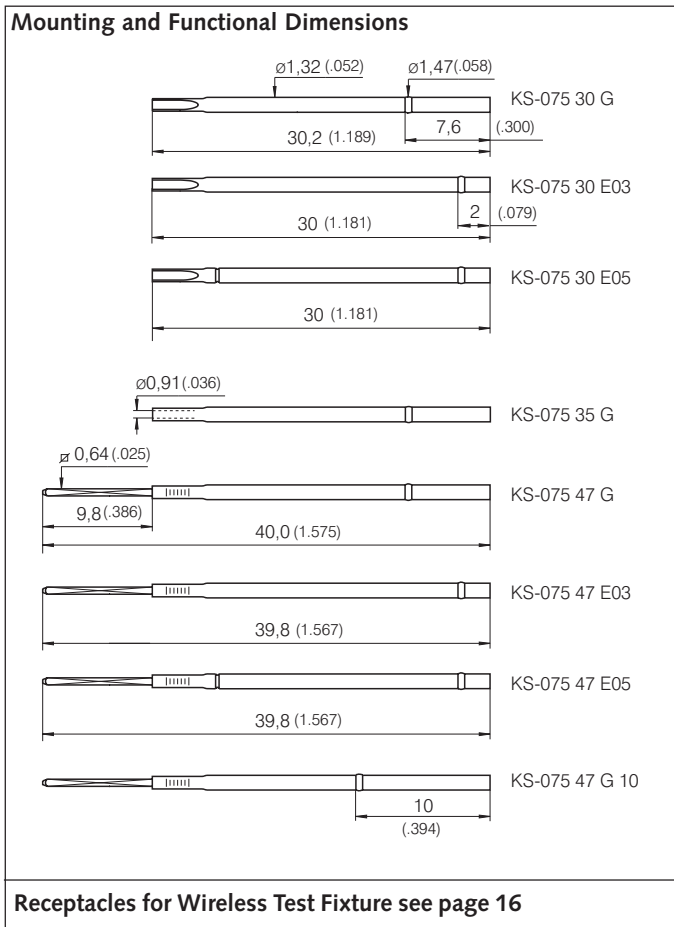
Test Probe with total length 33,1 mm (1.303):

G K S 0 7 5 2 9 1 0 6 4 A 2 0 0 0

Test Probe with total length 35,1 mm (1.382):

G K S 0 7 5 2 9 1 0 6 4 A 1 5 0 0 L

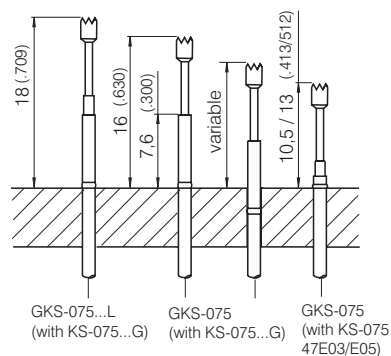
Available Tip Styles				Special Versions	
Material	Tip Style	Standard Plating		Ø	Ø(inch)
2	31 	A	Ø 0,64 (.025)		
2	38 	A	Ø 0,64 (.025)		
3	55  Tot. Length + 2,4mm (.094)	A	Ø 0,50 (.020)		
2	77 	A	Ø 0,64 (.025)		
2	88 	A	Ø 1,20 (.047)		
2	89 	A	Ø 0,50 (.020)		
2	91 	A	Ø 0,64 (.025)		
2	97 	A	Ø 0,64 (.025)	0,80	(.031)
2	98 	A	Ø 0,64 (.025)		



Collar Height and Installation Height

To adjust the Installation Height Receptacles with a Press-ring are used. The Receptacles can be inserted up to the Press-ring (i.e. acting as a collar-stop) or with the Press-ring being pressed into the mounting hole.
 (see "Mounting hole size" and "Application example" on this page)

Designation	GKS-075	GKS-075 ... L
KS-075 ... E03	10,5 (.413)	12,5 (.492)
KS-075 ... E05	13,0 (.512)	15,0 (.591)
KS-075 ... G	16,0 (.630)	18,0 (.709)



Mounting Hole Size

by usage of Press-ring: $\varnothing 1,36 - 1,40 \text{ mm } (.0535 - .0551)$
 by usage with Press-ring as collar: $\varnothing 1,31 - 1,32 \text{ mm } (.0516 - .0520)$

Materials

Receptacle: Nickel-Silver, gold-plated

Ordering Example:

Receptacles with Wire-Wrap Posts:

KS - 075 47 E03 KS - 075 47 E05 KS - 075 47 G

Receptacles:

KS - 075 30 G KS - 075 35 G