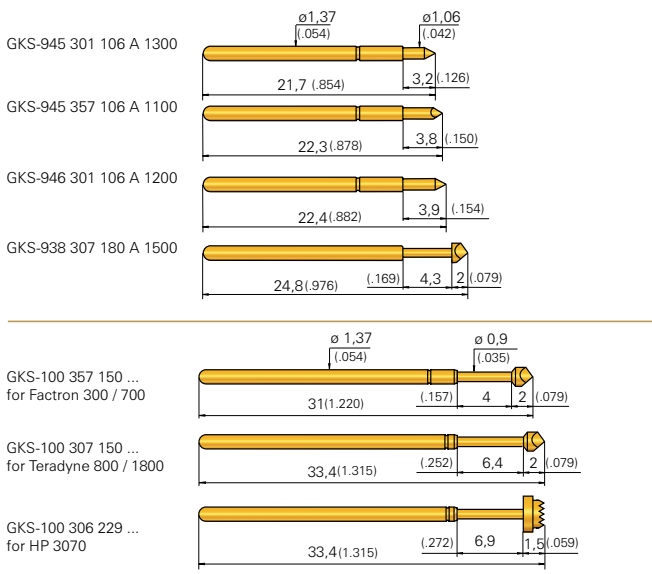


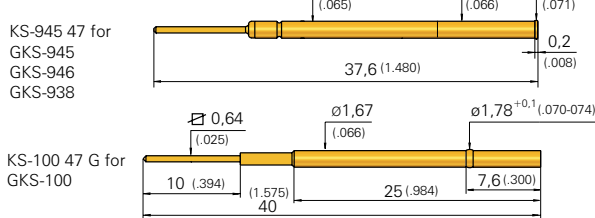
Interface Probes

for GenRad/Pylon Augat, R & S, Teradyne, Factron and Agilent/HP 3070 Test Systems

Mounting and Functional Dimensions



Receptacles



Mechanical Data

Type	Work. Stroke mm (inches)	Max. Stroke mm (inches)	Spring Force at Work. Stroke N (oz)	Installation Height mm (inches)
945 301	2,1 (.083)	3,2 (.126)	1,3 N (4.7oz)	3,7 (.146) *
945 357	2,6 (.102)	3,2 (.126)	1,1 N (4.0oz)	4,3 (.169) *
946 301	3,2 (.126)	3,9 (.154)	1,2 N (4.3oz)	4,4 (.173) *
938 307	3,6 (.142)	4,3 (.169)	1,5 N (5.4oz)	6,8 (.268) *
100 357	3,0 (.118)	4,0 (.157)	1,2 (Ord.-No.=10)	13,6 (.535) / variable **
100 ...	4,3 (.169)	6,35 (.250)	1,0/2,0/2,25/3,0	16,0 (.630) / variable **

*with KS-945 47 ** with KS-100 47 G

Mounting Hole Size ***

for KS-945 47:

- in CEM 1 using collar $\varnothing 1,68 - 1,69$ mm (.0661 - .0665)

for KS-100 47 G:

- Press-ring inserted $\varnothing 1,70 - 1,75$ mm (.0669 - .0689)

Electrical Data

Current Rating:

4 - 5 A

R_i typical:

20 m Ω

Materials

Plunger: BeCu , gold-plated
Barrel: Nickel-Silver or Bronze, gold-plated
Spring: Steel, gold-plated

Collar Height and Installation Height

The Installation Height is variable, depending on position of the Press-ring is set.

Ordering Example

Series	Tip Material	Tip Style	Tip Diameter	Plating	Spring Force	Collar Height	Special Designation
	3 =BeCu		(1/100 mm)	A = Gold	(dN)	(mm)	(see Note)

Test Probe:

G K S 9 4 5 3 0 1 1 0 6 A 1 3 0 0

Receptacle for GKS 945 / 946 / 938:

K S - 9 4 5 4 7

Receptacle for GKS-100:

K S - 1 0 0 4 7 G

GKS-945 / 946

for GenRad/Pylon Augat/R&S-Interfaces

Material	Tip Style	Plating	Further Versions	
			\varnothing	\varnothing (inch)
3 01		A	$\varnothing 1,06$ (.042)	
3 57		A	$\varnothing 1,06$ (.042)	

GKS-938

Material	Tip Style	Plating	Further Versions	
			\varnothing	\varnothing (inch)
3 07		A	$\varnothing 1,80$ (.071)	

GKS-100

for Factron 300/700 Interface

Material	Tip Style	Plating	Further Versions	
			\varnothing	\varnothing (inch)
3 57		A	$\varnothing 1,50$ (.059)	

GKS-100

for Teradyne 800/1800 Interface

Material	Tip Style	Plating	Further Versions	
			\varnothing	\varnothing (inch)
3 07		A	$\varnothing 1,50$ (.059)	

GKS-100

for Agilent/HP 3070 Interface

Material	Tip Style	Plating	Further Versions	
			\varnothing	\varnothing (inch)
3 06		A	$\varnothing 2,29$ (.090)	

*** Services:

Customized Contact Blocks drilled according to customer demands (and matching certain INGUN Receptacles) are available from INGUN.

Note:

To order Test Probes with bent barrel end, use Special Designation „B“ (Banana).
 Contacting Terminals for various Interfaces on request.