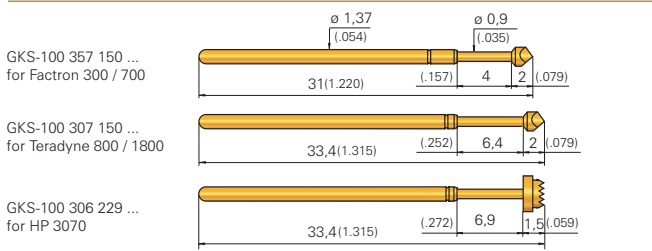
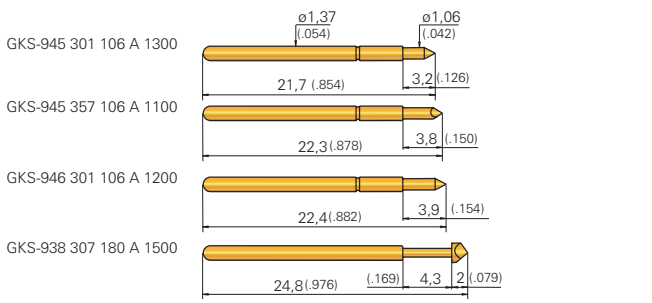


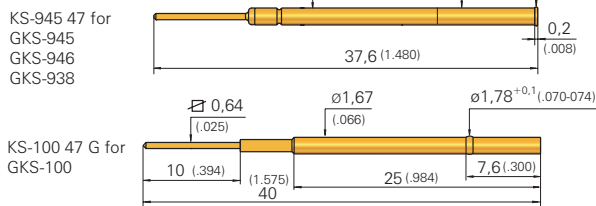
Interface Probes

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.

GKS-945 / 946

for GenRad/Pylon Augat/R&S-Interfaces

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

GKS-938

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

GKS-100

for Factron 300/700 Interface

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

GKS-100

for Teradyne 800/1800 Interface

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

GKS-100

for HP 3070 Interface

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

*** 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.

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