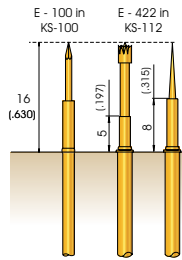
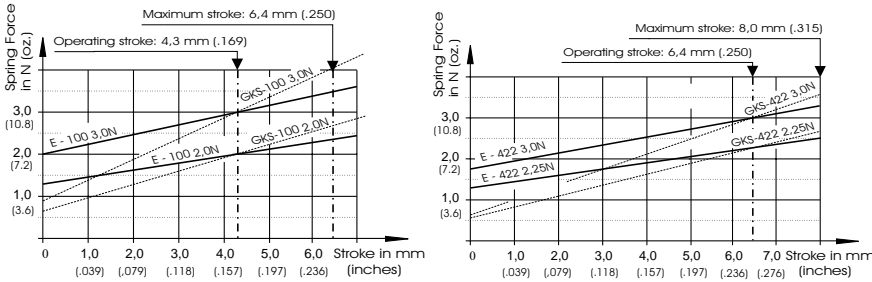
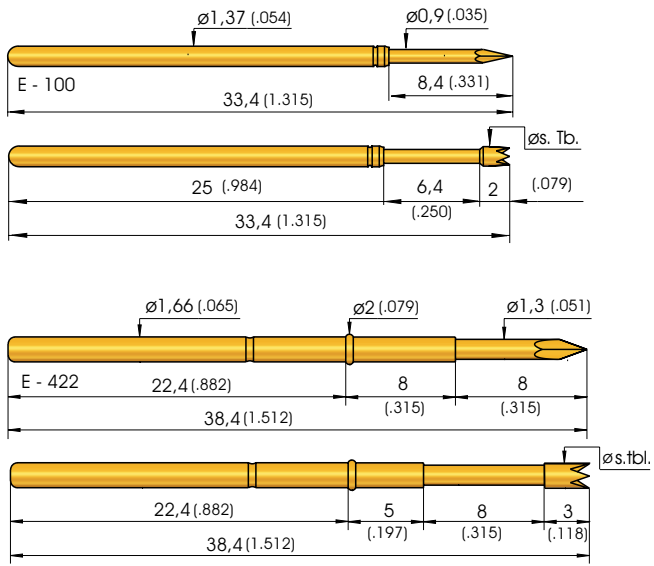


Grid:
≥ 2,54 mm
≥ 100 Mil

Installation Height: 16,0 mm (.630) / variable

Recommended Stroke: 4,3 mm (.169) bzw. 6,4 mm (.252)

Mounting and Functional Dimensions



Collar Height and Installation Height, Receptacles, Electrical Data, Mounting Hole Size and Materials:
see compatible Standard Probe series GKS-100/422

e-type	compatible Probe	Page
E-100	GKS-100	28 / 29
E-422	GKS-422	53

Mechanical Data E-100	
Working Stroke:	4,3 mm (.169)
Maximum Stroke:	6,4 mm (.250)
Mechanical Data E-422	
Working Stroke:	6,4 mm (.250)
Maximum Stroke:	8,0 mm (.315)

Spring Forces at Working Stroke

Series	Designation	Pre-Load	Force at Work. Stroke
E-100	20	1,3 N (4.7 oz)	2,0 N
E-100	30	2,0 N (7.2oz)	3,0 N
E-422	22	1,3 N (4.7oz)	2,25 N
E-422	30	1,8 N (6.5oz)	3,0 N

Available Tip Styles E-100

Material	Tip Style	Plating	Further Versions		
			∅	∅ (inch)	
2 01		∅ 0,90 (.035)	A		
3 07		∅ 0,90 (.035)	A		
3 07		∅ 1,50 (.059)	A		
2 09		∅ 0,60 (.024)	A		
2 14		∅ 0,50 (.020)	A		
2 14		∅ 1,30 (.051)	A		
2 24*		∅ 1,30 (.051)	A		
2 38		∅ 0,90 (.035)	A		
2 77		∅ 0,90 (.035)	A		
2 91		∅ 0,90 (.035)	A		
2 97		∅ 0,90 (.035)	A		
2 98		∅ 0,90 (.035)	A		

* higher middle tip plus 0,4 mm

Available Tip Styles E-422

Material	Tip Style	Plating	Further Versions		
			∅	∅ (inch)	
2 01		∅ 1,30 (.051)	A		
3 07		∅ 1,30 (.051)	A		
2 09**		∅ 0,80 (.011)	A		
2 14		∅ 1,30 (.051)	A	2,00 (.079)	
2 24***		∅ 1,80 (.071)	A		
2 33		∅ 1,30 (.051)	A		
2 91		∅ 1,30 (.051)	A		

** pressed-in Steel point in Base Plunger made of Brass
*** higher middle tip plus 0,5 mm

Ordering Example

Series	Tip Material	Tip Style	Tip Diameter (1/100 mm)	Plating	Spring Force (dN)	Collar Height
2	3 = BeCu	01	090	A = Gold	30	00 (E-100)
2	2 = Steel	14	050	N = Nickel	30	05 (E-422)
2	3 = BeCu	24	130		30	08 (E-422 *)
* with Tip Style „01“ and „09“						

Test Probes:

E	100	291	000	A	30	00
E	422	291	130	A	30	05

e-type® Probes
ICT / FCT
Bead Probes
Fine Pitch
Metric Stand.
Solderable
Short-stroke
Flying Probes
DKS
SKS
PKS / PSK
RF / Dipole Test Probes
HSS
Fixture customizing
Tools
Cable Test Probes