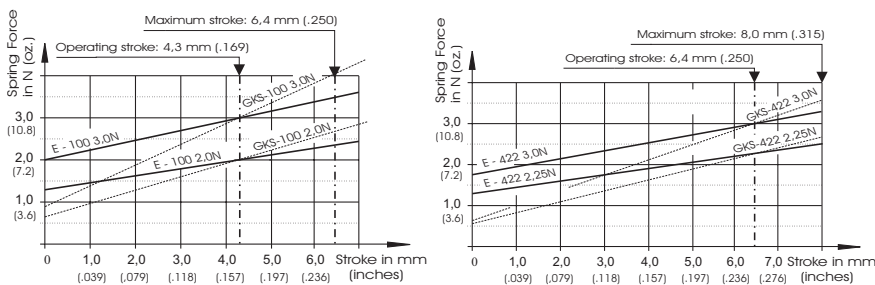
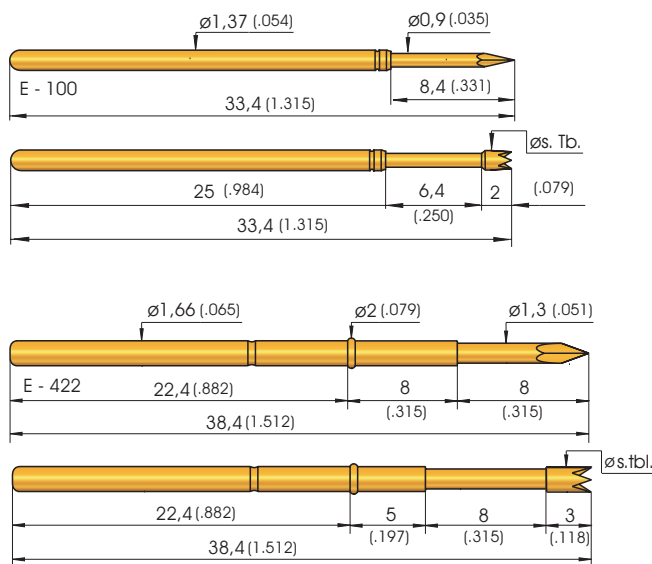


Grid:
≥ 2,54 mm
≥ 100 Mil

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

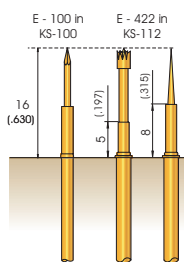
e-type	compatible Probe	Page
E-100	GKS-100	28 / 29
E-422	GKS-422	53

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		A	∅ 0,90 (.035)	
3 07		A	∅ 0,90 (.035)	
3 07		A	∅ 1,50 (.059)	
2 09		A	∅ 0,60 (.024)	
2 14		A	∅ 0,50 (.020)	
2 14		A	∅ 1,30 (.051)	
2 24*		A	∅ 1,30 (.051)	
2 38		A	∅ 0,90 (.035)	
2 77		A	∅ 0,90 (.035)	
2 91		A	∅ 0,90 (.035)	
2 97		A	∅ 0,90 (.035)	
2 98		A	∅ 0,90 (.035)	

* higher middle tip plus 0,4 mm

Available Tip Styles E-422

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

** 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 = Steel 3 = BeCu			A = Gold N = Nickel		00 (E-100) 05 (E-422) 08 (E-422 *) * with Tip Style „01“ and „09“

Test Probes:

E	100	2	91	000	A	30	00
E	422	2	91	130	A	30	05