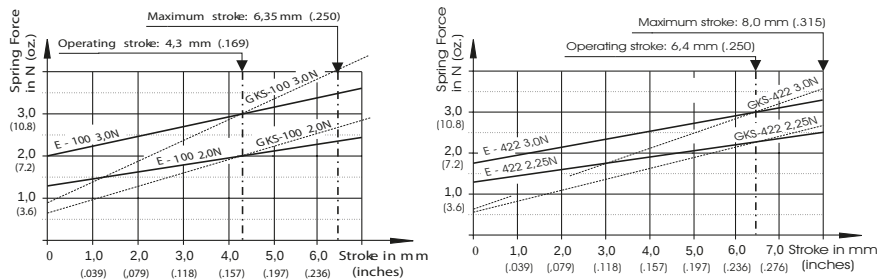
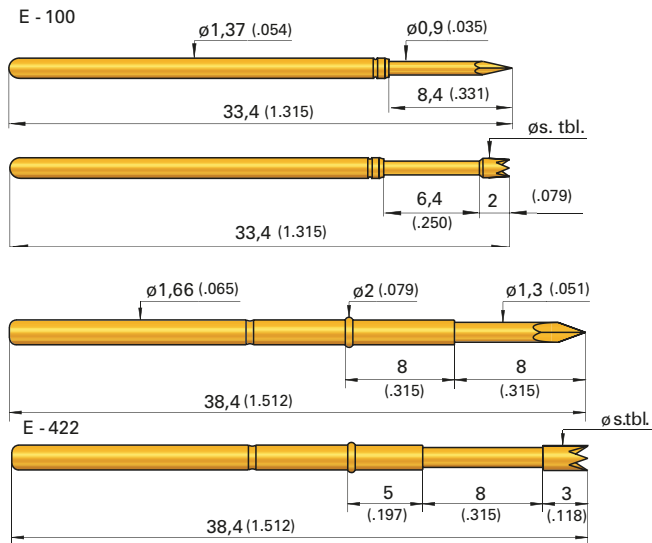


Grid:
≥ 2,54 mm
≥ 100 Mil

Installation height with KS: 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, operating temperature, mounting hole size and materials: see compatible standard probe series GKS-100/422

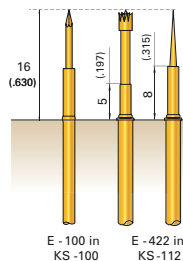
e-type	Compatible probe	Page
E-100	GKS-100	28 / 29
E-422	GKS-422	63

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

Mechanical data E-100
Working stroke: 4,3 mm (.169)
Maximum stroke: 6,35 mm (.250)

Mechanical data E-422
Working stroke: 6,4 mm (.250)
Maximum stroke: 8,0 mm (.315)



* higher middle tip plus 0,4 mm

Available tip styles E-422					
Material	Tip style	Plating	Further versions		
			ϕ	ϕ (inch)	
2 01		A	$\phi 1,30$ (.051)		
3 07		A	$\phi 1,30$ (.051)		
2 09 **		A	$\phi 0,80$ (.031)		
2 14		A	$\phi 1,30$ (.051)	2,00	(.079)
2 24 ***		A	$\phi 1,80$ (.071)		
2 33		A	$\phi 1,30$ (.051)		
2 91		A	$\phi 1,30$ (.051)		

** pressed-in steel point in base plunger made of brass
*** higher middle tip plus 0,5 mm

Ordering example

Ordering example

Series	Tip material 2 = Steel 3 = BeCu	Tip style	Tip diameter (1/100 mm)	Plating A = Gold N = Nickel	Spring force (dN)	Collar height 00 (E-100) 05 (E-422) tip-Ø > 1,3 mm 08 (E-422) recomb. for tip-Ø < 1,3 mm
Test probes:	E	1 0 0	2 9 1	0 9 0	A 3 0	0 0
	E	4 2 2	2 1 4	2 0 0	A 3 0	0 5
	E	4 2 2	2 9 1	1 3 0	A 3 0	0 8