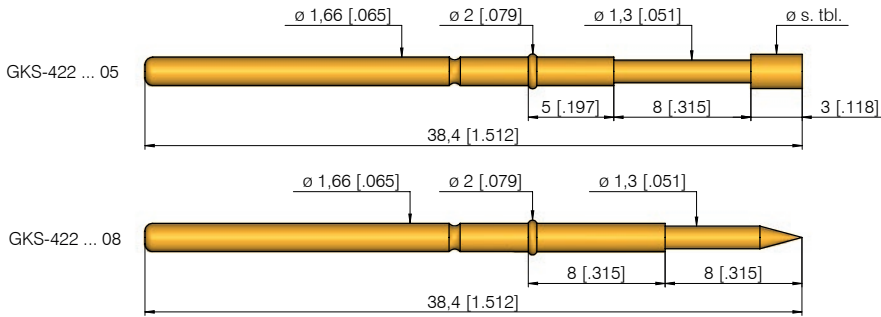


Grid:
 ≥ 2,54 mm
 ≥ 100 Mil

Installation height with KS: 16,2 - 24,0 mm (.638 - .945) / variable
Recommended stroke: 6,4 mm (.252)

Mounting and functional dimensions

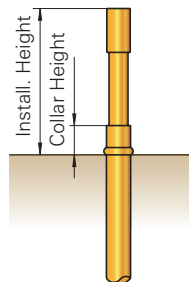


Collar height and installation height

Test probes with tip- $\varnothing > 1.3$ mm generally have a collar height of 5 mm (collar height 05).

A collar height of 8 mm (collar height 08) is recommended to provide more stability for test probes with tip- $\varnothing < 1.3$ mm.

Collar height	Installation height without receptacle
05	16 mm (.630)
08	16 mm (.630)
(** Tip styles 00x: install. height 16,8 mm (.661))	



Available tip styles

Material	Tip style	Plating	Further versions	
			\varnothing	\varnothing (inch)
2	01	A	1,30 R	(.051)
3	02	A		
2	04	A		
3	05	A	0,70	(.028)
0	06 **	A		
3	06	A	1,30 1,60	(.051) (.063)
3	07	A		
2	09 ***	N	0,80 A/G 0,60 A/N	(.031) (.024)
2	14	A	0,60 2,00	(.024) (.079)
2	17	A		
2	24 ** **	A		
2	33	N	1,30 A	(.051)
2	91	N	0,80 N 1,30 A/G	(.031) (.051)
2	93	A		

** also available as tip style 0 02
 *** pressed-in steel tip in base plunger made of brass
 **** higher middle tip plus 0,5 mm

Mechanical data

Working stroke: 6,4 mm (.252)
Maximum stroke: 8,0 mm (.315)
Spring force at work. stroke: 1,5 N (5.4oz)
Alternative: 0,8 N (2.9oz); 2,25 N (8.1oz);
 3,0 N (10.8oz); 5,0 N (18.1oz)

Materials

Plunger: BeCu or steel, gold-plated
 rhodium- or chemically nickel-plated
Barrel: Bronze, gold-plated
Spring: Steel, gold-plated
 or stainless steel* (C)

Electrical data

Current rating: 5 - 8 A
R_i typical: < 20 m Ω (* < 100 m Ω)

Operating temperature

Standard: -40° up to +80° C
***with spec. designation "C":** -100° up to
 +200° C (1,5 N; 3,0 N)

Note:
 Receptacles in the KS-112 series
 (shown on page 60) are used for the
 GKS-422 test probes series.

Ordering example

Series	Tip material	Tip style	Tip diameter (1/100 mm)	Plating	Spring force (dN)	Collar height	Special designation ("C")
	0 = Delrin 2 = Steel 3 = BeCu			A = Gold G = Aurum N = Nickel R = Rhodium		05 for tip- $\varnothing > 1,3$ mm 08 recomm. for tip- $\varnothing \leq 1,3$ mm	

Tesst probe: (05 tip- $\varnothing > 1,3$ mm)

Tesst probe: (08 recomm. for tip- $\varnothing \leq 1,3$ mm)

Receptacle:

G	K	S	4	2	2	3	0	6	2	0	0	A	1	5	0	5	
G	K	S	4	2	2	2	0	1	1	3	0	A	1	5	0	8	
K S - 1 1 2 4 7																	