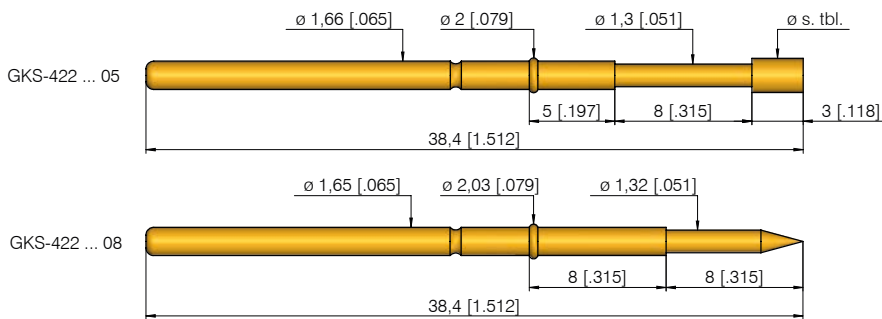


Grid:
 $\geq 2,54$ mm
 ≥ 100 Mil

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

Mounting and functional dimensions

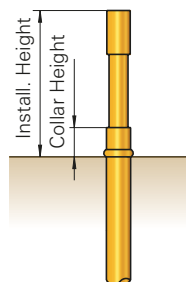


Collar height and installation height

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 0 = Delrin 2 = Steel 3 = BeCu	Tip style	Tip diameter (1/100 mm)	Plating A = Gold G = Aurun N = Nickel R = Rhodium	Spring force (dN)	Collar height 05 for tip- $\varnothing > 1,3$ mm 08 recomm. for tip- $\varnothing \leq 1,3$ mm	Special designation ("C")
Test probe: (05 tip- $\varnothing > 1,3$ mm)	G K S	4 2 2	3	0 6	2 0 0	A	1 5	0 5
Test probe: (08 recomm. for tip- $\varnothing \leq 1,3$ mm)	G K S	4 2 2	2	0 1	1 3 0	A	1 5	0 8
Receptacle:	K S - 1 1 2 4 7							