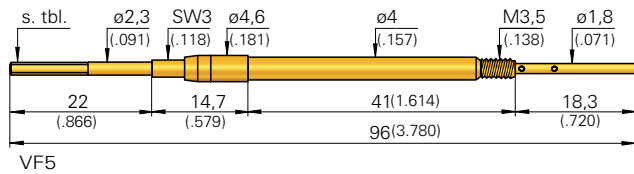


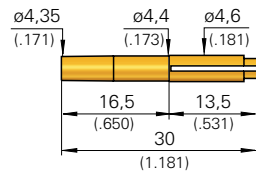
Grid:
 ≥ 5,08 mm
 ≥ 200 Mil

Installation Height: 36,7 mm (1.445)
Recommended Stroke: 5,0 / 9,5 mm (.197 / .374)

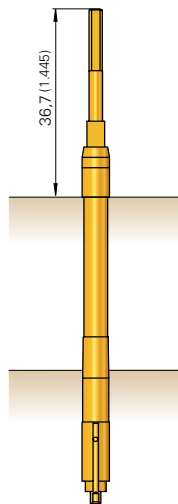
Mounting and Functional Dimensions



VF5



KS-VF5 030



Installation Height

Installation Height with KS: 36,7 mm (1.445)

Mechanical Data

Spring Force at Work. Stroke	Pre-load	Working Stroke in mm (inch)	Maximum Stroke in mm (inch)
15 N (54oz)	2,7 N (10oz)	9,5 (.374)	10* (.394)/12 (.472)
20 N (72oz)	3,6 N (13oz)	9,5 (.374)	10* (.394)/12 (.472)
34 N (122oz)	10,0 N (36oz)	5,0 (.197)	6,5 (.256)

Materials

Barrel: Brass, gold-plated
Plunger: BeCu, gold-plated
Spring: Steel, gold-plated
Receptacle: Brass, gold-plated

Mounting Hole Size

in CEM 1 and FR 4: \varnothing 4,0 resp. 4,4 mm (.1575) resp. (.1732)

Electrical Data

Current Rating: 10 A
R_i typical: < 30 m Ω

Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			\varnothing	\varnothing (inch)
3 20		A		
3 20*		A		
3 20		A		
3 20		A		

Note:

* Maximum Stroke of VF5-320 150 A 096 with 15 N and 20 N = 10,0 mm (.394)

Note:

VF 5 are screwed into KS-VF5 030 using special tools, see page 170/171.

Recommended Screw-in Torque:

Min.: 10 Ncm / Max.: 20 Ncm

Note:

To recognize the spring force, the flat areas for the spanner are marked with notches:

- 1 notch 15 N (54oz)
- 2 notches 20 N (72oz)
- 3 notches 34 N (122oz)

Ordering Example

Series	Tip Material	Tip Style	Tip Diameter (1/100 mm)	Plating	Total Length (dN)	Spring Force (N)
VF5	3 = BeCu	20	150	A = Gold	096	20

Test Probe:

VF5 3 20 150 A 096 20

Receptacle:

KS - VF5 030