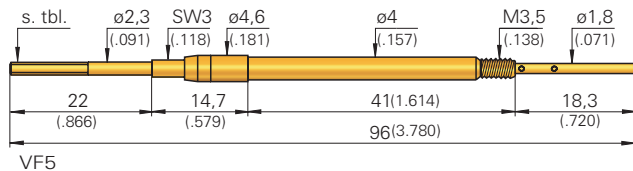


**Grid:**  
 ≥ 5,08 mm  
 ≥ 200 Mil

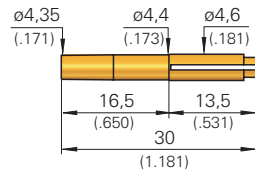
**Installation Height:** 36,7 mm (1.445)

**Recommended Stroke:** 5,0 / 9,5 mm (.197 / .374)

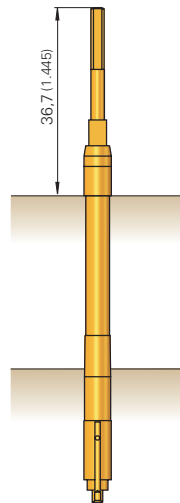
### Mounting and Functional Dimensions



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:** ø 4,0 resp. 4,4 mm (.1575) resp. (.1732)

#### Electrical Data

**Current Rating:** 10 A  
**R<sub>i</sub> typical:** < 30 mΩ

### Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			ø	ø (inch)
3 20		A	ø 1,40 (.055)	
3 20*		A	ø 1,50* (.059)	
3 20		A	ø 1,60 (.063)	
3 20		A	ø 1,80 (.071)	

#### Note:

\* Maximum Stroke of VF5-320 150 A 096 15 and 20 = 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 A = Gold	Total Length (dN)	Spring Force (N)
3	BeCu					

Test Probe:

VF5 3 20 150 A 096 20

Receptacle:

KS-VF5 030