

# HSS 552 M

High Current Probe up to 50 A  
Short-stroke Test Probes to Screw-in

## Grid:

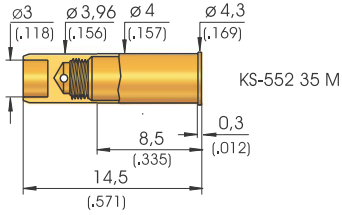
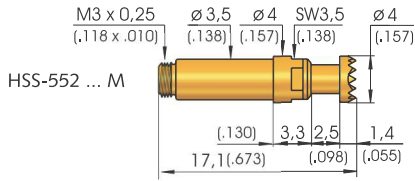
≥ 5,08 mm

≥ 200 Mil

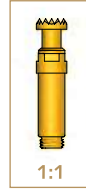
Installation height with KS: 7,5 mm (.295)

Recommended stroke: 2,0 mm (.079)

## Mounting and functional dimensions



## Available tip styles



Material	Tip style	Plating	Further versions	
			∅	∅ (inch)
3 02		A	∅ 4,00 (.157)	
3 06		A	∅ 4,00 (.157)	

### Materials

**Plunger:** BeCu, gold-plated  
**Barrel:** Brass, gold-plated  
**Spring:** Stainless steel  
**Receptacle:** Brass, gold-plated

### Operating temperature

**Standard:** -100° up to +200° C

### Mounting hole size

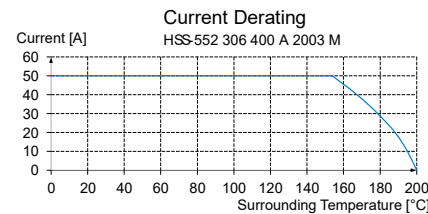
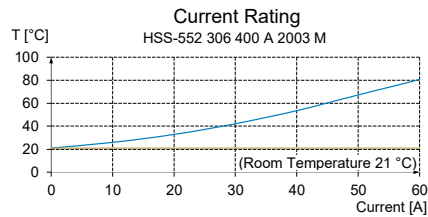
for KS-552 35 M  
in CEM1 and FR4: ∅ 3,99 mm (.1571)  
for KS-150 30 M3-R  
in CEM1 and FR4: ∅ 4,00 - 4,02 mm (.1575 - .1583)

### Recommended screw-in torque

Min. 10 cNm / Max. 20 cNm

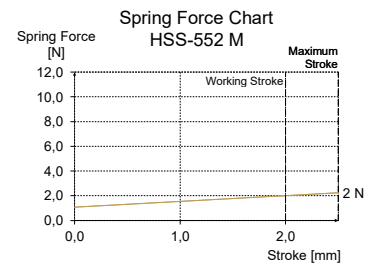
### Electrical data

**Current rating (at room temp.):** max. 50 A  
**R<sub>i</sub> typical:** < 10 mΩ



### Mechanical data

**Working stroke:** 2,0 mm (.079)  
**Maximum stroke:** 2,5 mm (.098)  
**Spring force at work. stroke:** 2,0 N (7.2oz)



## Ordering example

Series	Tip material	Tip style	Tip diameter (1/100 mm)	Plating	Spring force (dN)	Collar height (mm)	Type
	3 = BeCu			A = Gold			M
Test probe:	HSS	552	306	400	A	20	M
Receptacle:	KS-552 35 M						