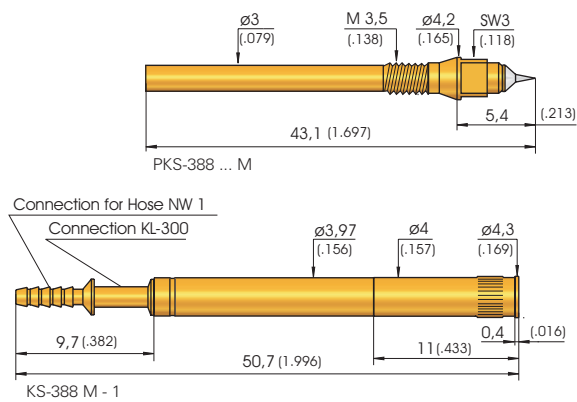


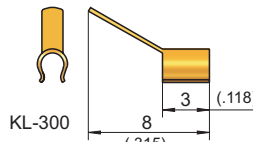
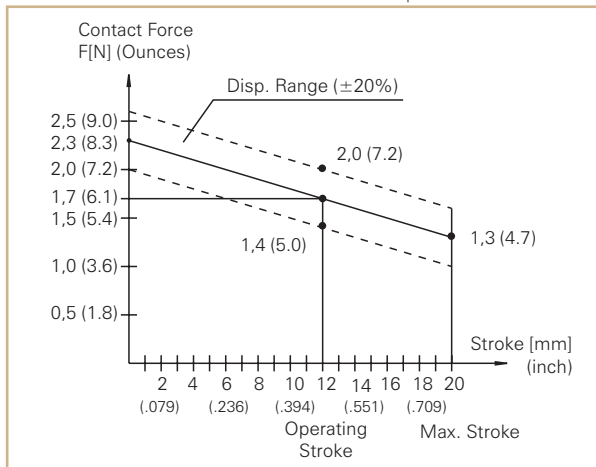
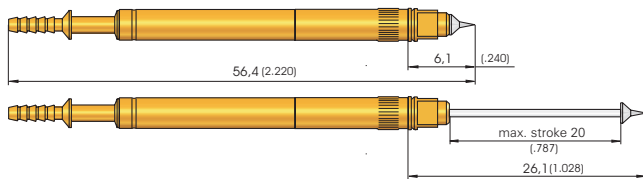
**Grid:**  
 ≥ 5,08 mm  
 ≥ 200 Mil

**Installation Height (with KS): 6,1 mm (.240)**  
**Recommended Stroke: 12,0 mm (.472)**

### Mounting and Functional Dimensions



### Assembly PKS-388 M in KS-388 M-1



#### Mechanical Data

**Working Stroke:** 12,0 mm (.472)  
**Maximum Stroke:** 20,0 mm (.787)  
**Cont. Force at Work. Stroke:** 1,7 N (6.1oz)  
**Operating Medium:** Compressed Air (filtered, oil-free)  
**Operating Pressure:** 6 bar (86 psi)

#### Electrical Data

**Current Rating:** 2 - 3 A  
**R<sub>i</sub> typical:** < 30 mΩ

#### Materials

**Plunger:** Steel or BeCu, rhodium- or gold-plated  
**Barrel:** Brass, gold-plated  
**Restoring Spring:** Steel, gold-plated  
**Receptacle:** Brass, gold-plated  
**O-Rings:** Perbunan

#### Mounting Hole Size

**in CEM 1 and FR 4:** ∅ 4,00 - 4,02 mm (.1575 - .1583)

### Available Tip Styles

Material	Tip Style	Plating	Further Versions	
			∅	∅ (inch)
2	01**	R		
3	02	A		
2	04**	R	2,00	(.079)
2	15**	A		

\* pressed-in HM-Tip, Installation Height with KS: 7,1 mm (.280)  
 \*\* Collar Diameter: 2,0 mm (.079)

### Available Tip Styles

#### Special Versions without Collar

Material	Tip Style	Plating	Further Versions	
			∅	∅ (inch)
2	01***	R		
2	04***	R		
3	05***	A		

\*\*\* Shaft Diameter 1,50 mm (.059)

#### Note:

Electrical and pneumatic connections are carried out only once at the time of customizing. The exchangeable unit PKS-388 M is screwed into the ready wired and pneumatically connected up Receptacle KS-388 M-1. The Test Probe can be changed from above. The Test Fixture must not be opened. The wiring and pneumatic connections are not affected.

#### Note:

Pneumatic Accessories and general Instructions see Page 94/95.

#### Note to PKS-388 and KS-388 M-1:

PKS-388 are screwed into KS-388 M-1 using special tools (see Page 170/171).

Recommended Screw-in Torque:  
 Min.: 10 Ncm / Max.: 20 Ncm

### Ordering Example

	Series	Tip Material 2 = Steel 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold R = Rhodium	Spring Force (dN)	Collar Height (mm)	Type
Test Probe:	PKS	3	88	201	200	R	17	02 M
Receptacle for PKS-388:	KS		388					M-1
Clip Connection with Solder Terminal for KS-388:	KL		300					