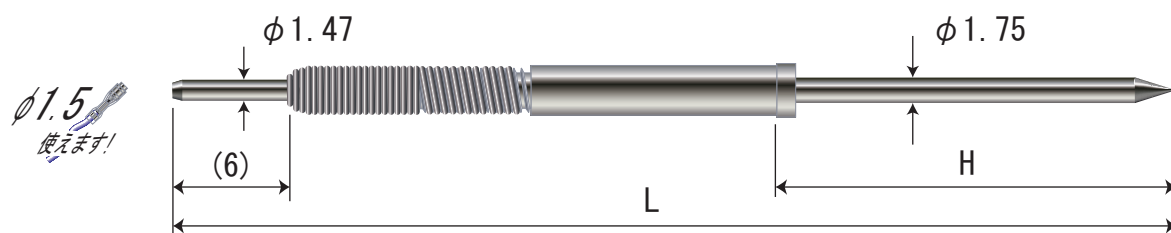
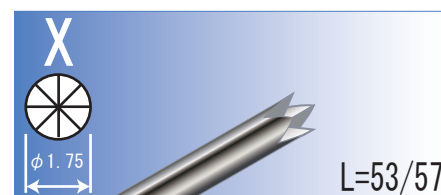
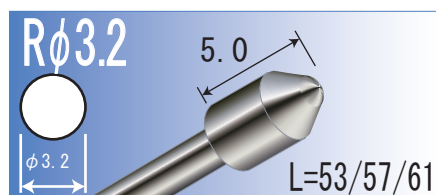
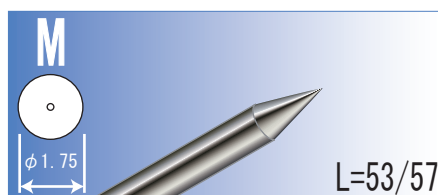


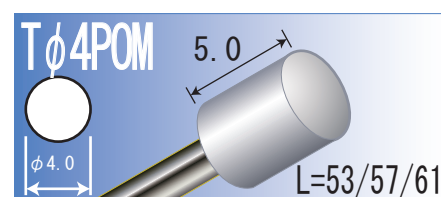
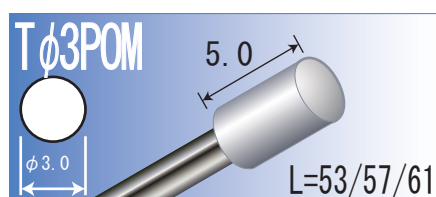
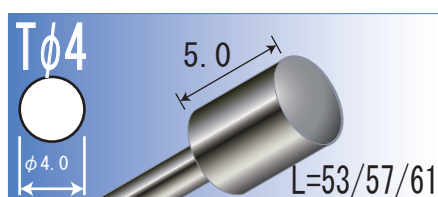
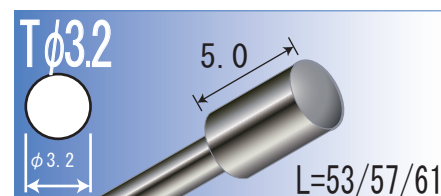
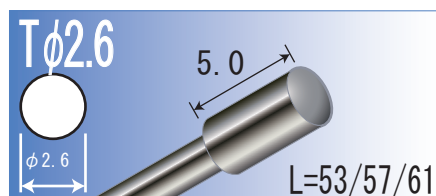
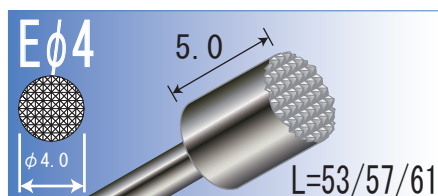
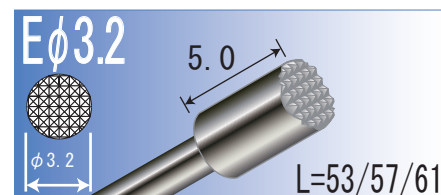
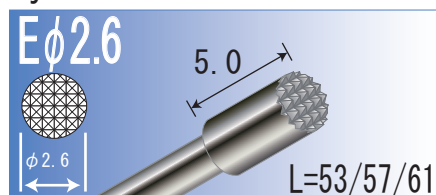
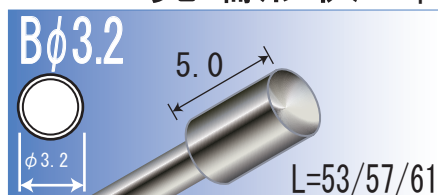
C-17,20,22 Series -ピッチ (Center Pitch) 4.75~8mm-



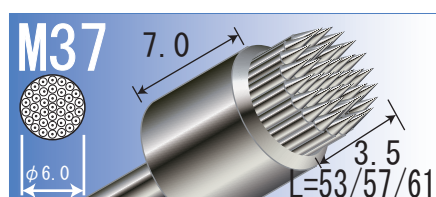
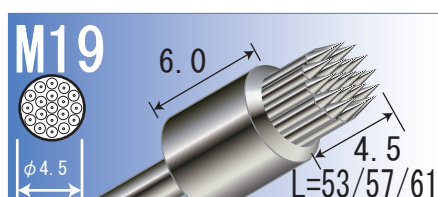
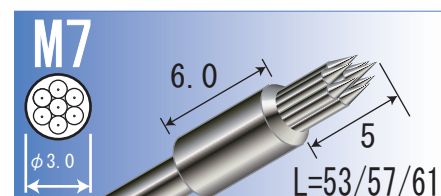
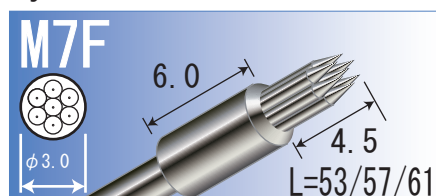
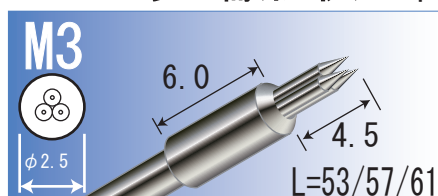
C-17 先端形状<Tip Style>



C-20 先端形状<Tip Style>



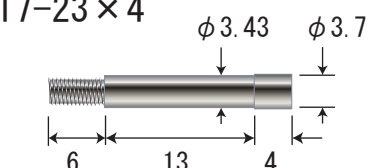
C-22 先端形状<Tip Style>



C-17,20,22 Series -スリーブ&スプリング- Sleeve & Spring

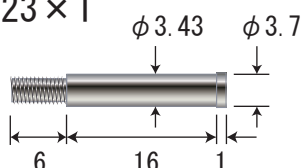
スリーブ<Sleeve>

17-23×4



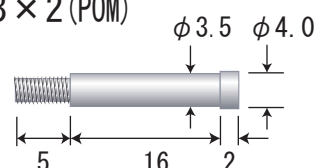
推奨穴径<recommended mounting hole size>
φ3.44±0.01*

17-23×1



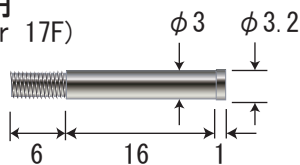
推奨穴径<recommended mounting hole size>
φ3.44±0.01*

17-23×2 (POM)



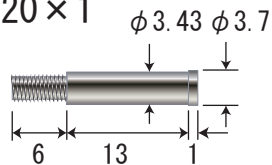
推奨穴径<recommended mounting hole size>
φ3.49^{+0.01}_{-0.01}*

F用
(For 17F)



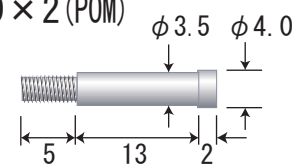
推奨穴径<recommended mounting hole size>
φ3^{+0.01}_{-0.01}*

17-20×1



推奨穴径<recommended mounting hole size>
φ3.44±0.01*

17-20×2 (POM)



推奨穴径<recommended mounting hole size>
φ3.49^{+0.01}_{-0.01}*

F用スリーブはボードに圧入後にスプリングを巻いてください(スプリング部がφ3を超えるため)
For 17F sleeve must be inserted to be board before attached spring.

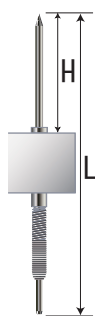
*諸条件により勘合が変わりますので予め端材等で御確認ください<Please carry it out after confirming on extra materials.>

スプリング<Spring>

バネ圧 Spring force	#212	#213	#510	#512	#513	#811	#813	#410	#413
ストローク Traveling	12 線径φ0.32	13 φ0.32	10 φ0.35	12 φ0.35	13 φ0.35	11 φ0.38	13 φ0.38	10 φ0.4	13 φ0.4
Spring force@4mm	0.78N (80gf)	0.69N (70gf)	1.67N (170gf)	1.18N (120gf)	1.08N (110gf)	1.86N (190gf)	1.67N (170gf)	2.35N (240gf)	2.06N (210gf)
Spring force@6mm	1.08N (110gf)	0.98N (100gf)	2.25N (230gf)	1.67N (170gf)	1.37N (140gf)	2.65N (270gf)	2.25N (230gf)	3.33N (340gf)	2.75N (280gf)
Spring force@8mm	1.37N (140gf)	1.18N (120gf)	2.84N (290gf)	2.16N (220gf)	1.76N (180gf)	3.43N (350gf)	2.94N (300gf)	4.31N (440gf)	3.43N (350gf)

H 樹脂面からの高さ
Height from top plate of fixture

プローブL53と各種スリーブ、スプリングとの組み合わせによる樹脂面よりピン先端までの寸法(mm)
This table shows the height of which plunger length is 53mm. Please add or subtract the difference for other plunger length.



Sleeve	Spring	#212	#213	#510	#512	#513	#811	#813	#410	#413
17-23×4		20mm	19	22	20	19	22	20	22	20
F用 (for 17F)		17	16	19	17	16	19	17	19	17
17-23×1		17	16	19	17	16	19	17	19	17
17-20×1		20	19	22	20	19	22	20	22	20
17-23×2 (POM)		17	16	19	17	16	19	17	19	17
17-20×2 (POM)		20	19	22	20	19	22	20	22	20

樹脂面から、プランジャー先端までの高さは、プランジャー・スリーブ・スプリングの組み合わせで決まります。
The height from plate to top of plunger depends on combination of plunger length, sleeve and spring.

材質・表面処理/Materials

プランジャー: 硬鋼線、Niめっき
スモールピン: SK材、Niめっき
ヘッド: 真鍮(スモールピン用)、Niめっき又はSK材、Niめっき又はPOM
スプリング: SUS304
スリーブ: 真鍮、Niめっき又はPOM

Plunger: Ni plated Hard steel wire
Needle: Ni plated High Carbon steel
Head: Ni plated Bs(Needle) or High carbon steel, POM
Spring: Stainless steel
Sleeve: Ni plated Bs or POM

注文方法/How to Order

シリーズ 先端形状
Series Tipstyle L プランジャー全長
Length of Plunger
C-17
C-20
C-22

例 C-17M-L53、C-20Eφ2.6-L57
Example C-22M3-L53

*スリーブ・スプリングを別途御指定下さい。
例 17-23×4+#212、17-23×2(POM)+#510
<Example For Sleeve and Spring>
17-23×4+#212、17-23×2(POM)+#510