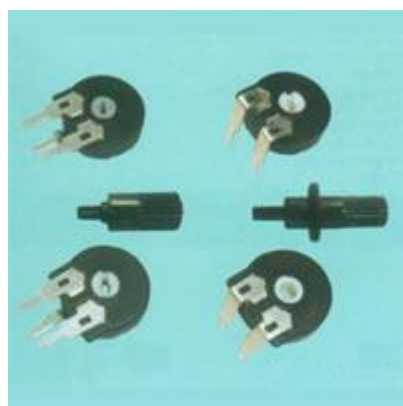




PT10 微调合成碳膜电位器

(PT10 10MM TRIMMER POTENTIOMETERS)

一般事项

General

□此规格适用于电子设备之可变电阻器。

-This specification is applied to potentiometers used for electronic equipment.

□使用温度范围：-25℃~+70℃

Operating temperature: -25℃~+70℃

特点

Features

□长寿命, 低成本

-Carbon resistive element.

□优良的防尘结构, 没有任何开口部分

-Dust proof enclosure.

□阻值线性多样化

-Polyester substrate.

□力矩小

-Also upon request:

□旋转 50%处有定位或整个旋转行程带定位

◇Wiper positioned at 50% or fully clockwise.

◇Supplied in magazines for automatic insertion.

◇Long life model for low cost control pot applications

◇self extinguishable plastic UL 94V-0

◇cut track option

◇special tapers

◇mechanical detentes

◇low extra low torque versions

◇special switch option

性能说明 CHARACTERISTICS

电气性能 ELECTRICAL SPECIFICATIONS

阻值范围 Range of value	$100\Omega \leq R_n \leq 5M\Omega$
阻值误差 Tolerance	$100\Omega \leq R_n \leq 1M\Omega \dots \dots \pm 20\%$ $1M\Omega < R_n \leq 5M\Omega \dots \dots \pm 30\%$
最大电压 Max. voltage	200V DC (lin), 100V DC (no lin)
额定功率 Rated power	0.15W (lin), 0.07W (no lin)
线性 Taper	Lin, Log, ALog
残留电阻 Residual resistance	$\leq 5\% R_n (3\Omega \text{ min})$
平滑性 Equivalent noise resistance	$\leq 3\% R_n (3\Omega \text{ min})$

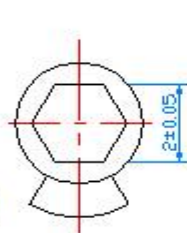
机械性能 MECHANICAL SPECIFICATIONS

机械旋转角度 Mechanical rotation angle	$235^{\circ} \pm 5^{\circ}$
电气旋转角度 Electrical rotation angle	$220^{\circ} \pm 20^{\circ}$
旋转力矩 Torque	0.4~2Ncm
止档力矩 Stop torque	>5Ncm
耐久性 endurance	Long life 10,000cycles
焊接 Soldering	温度 $T \leq 260^{\circ}\text{C} \pm 5^{\circ}\text{C}$, 时间 $t \leq 5\text{s}$

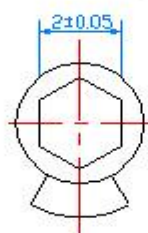
外形图及安装尺寸 DRAWING AND MOUNTING

ROTORS(转子形式)

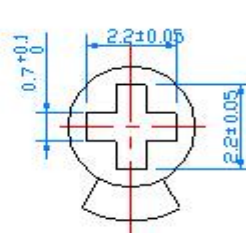
Middle
Position
(中间位置)



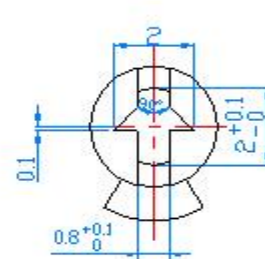
六角孔
(M)



六角孔
(G)



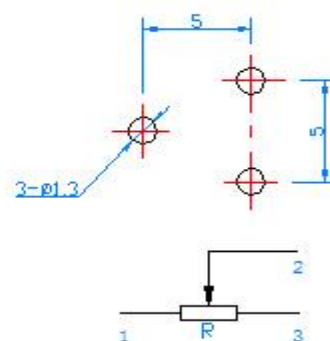
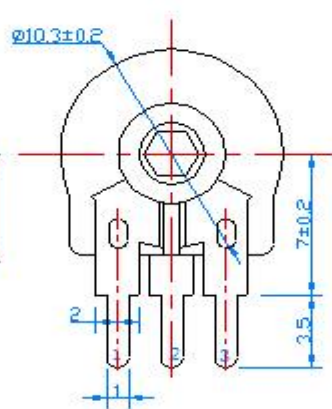
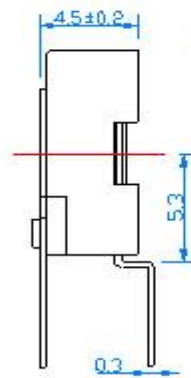
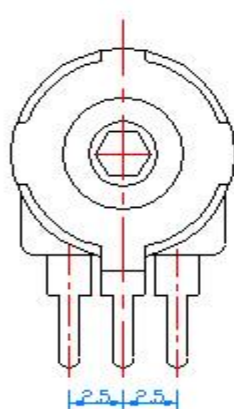
十字孔
(K)



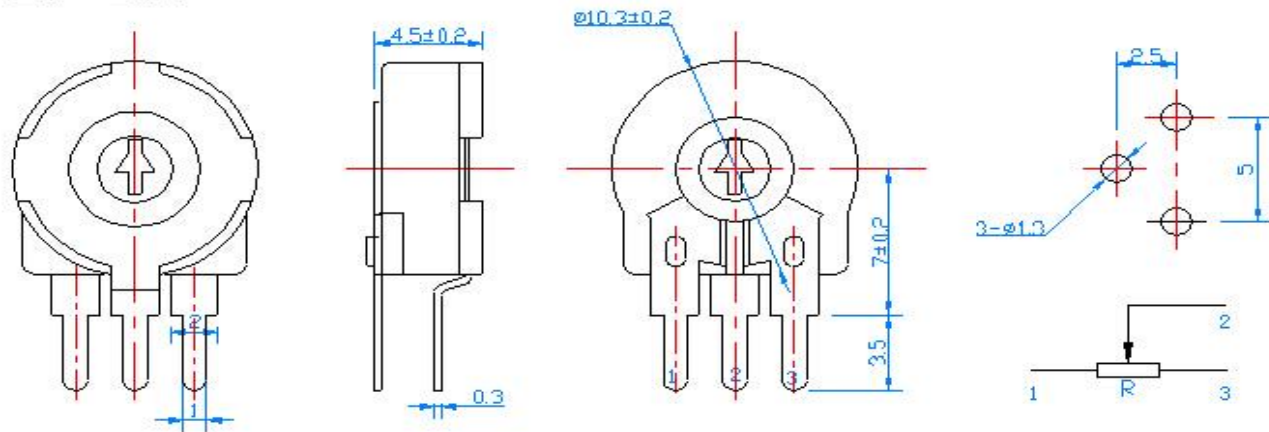
一字孔
(L)

h=Vertical mount/Horizontal adjust 立式—水平调节

H(5)

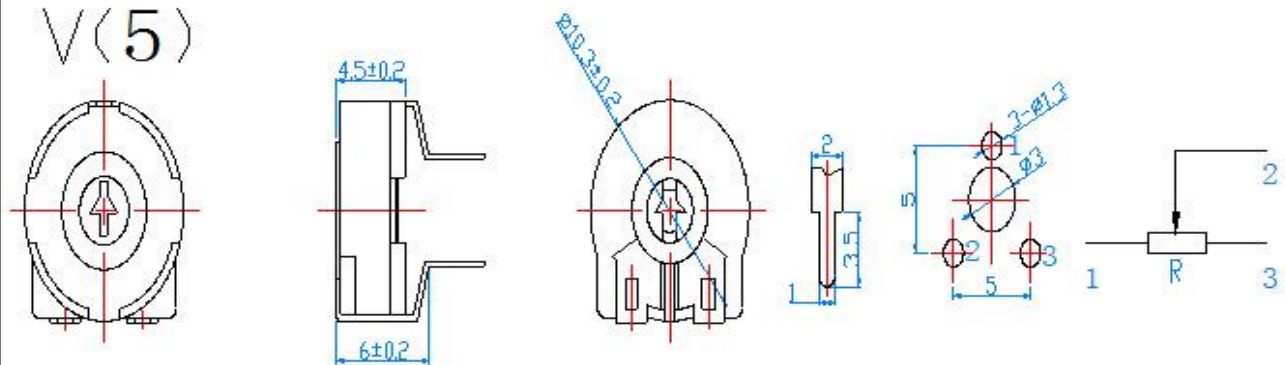


LH(2.5)

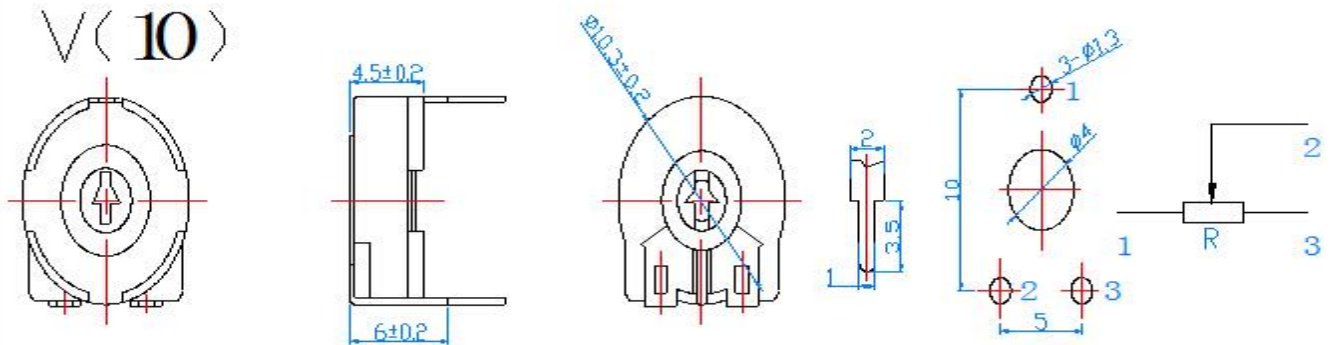


V=Horizontal mount/Vertical adjust 卧式—垂直调节

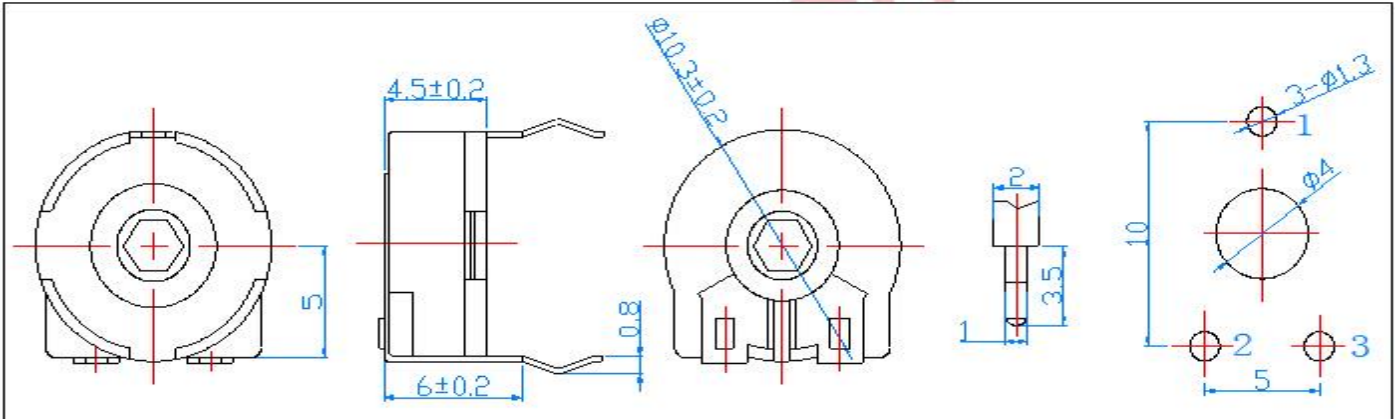
V(5)



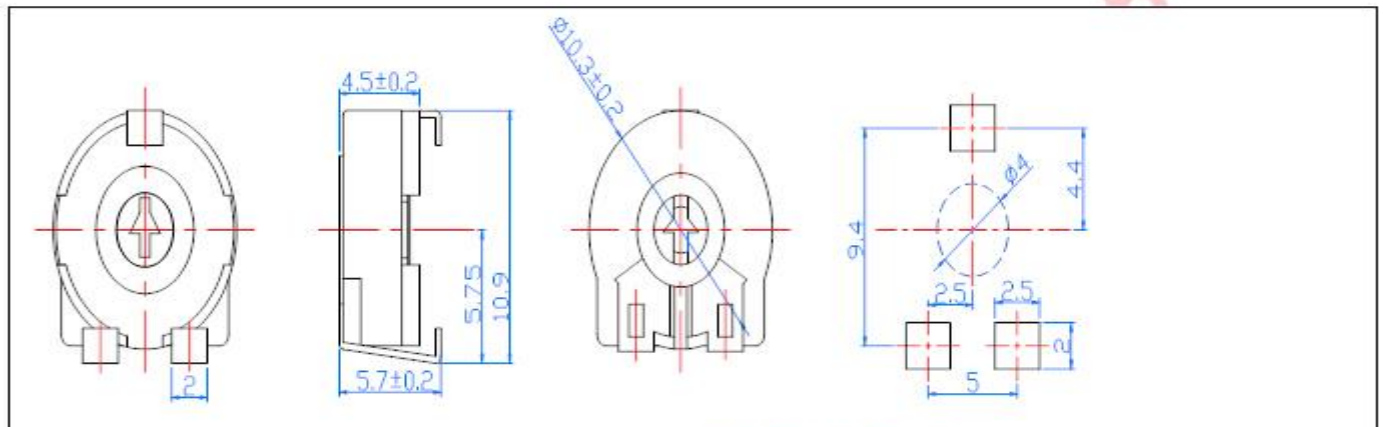
V(10)



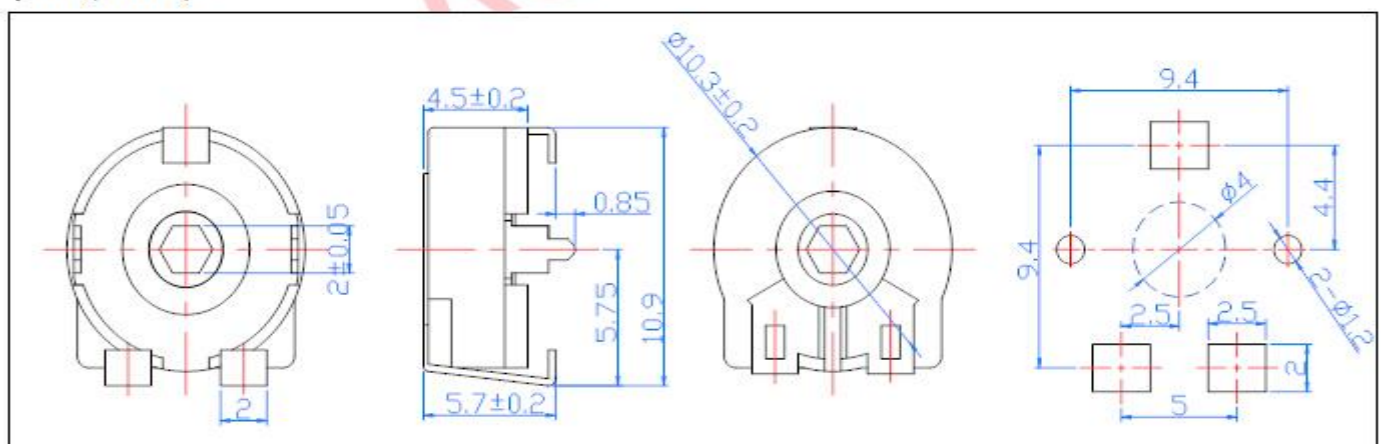
V11



V50(SMD)

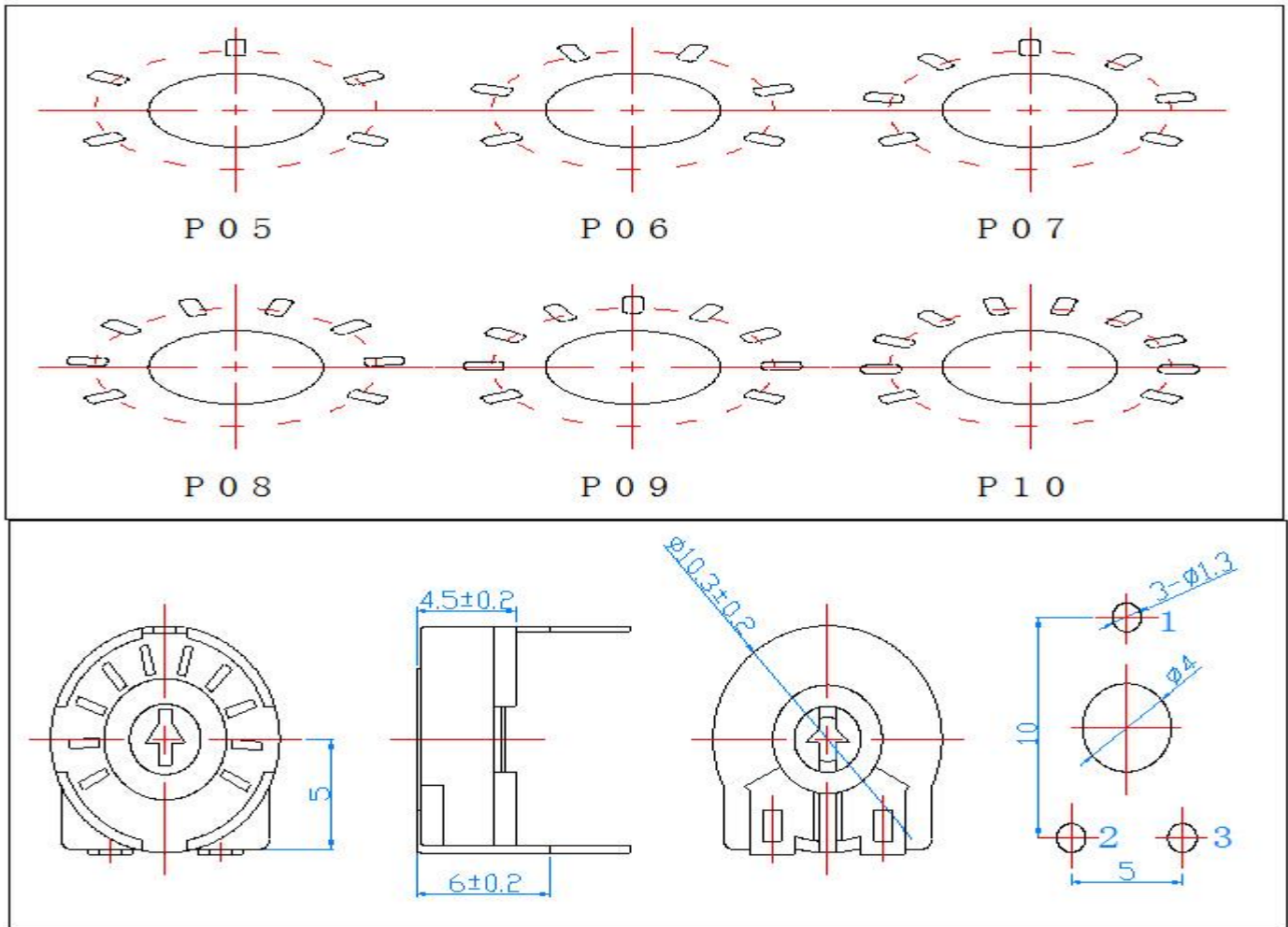


V60(SMD)

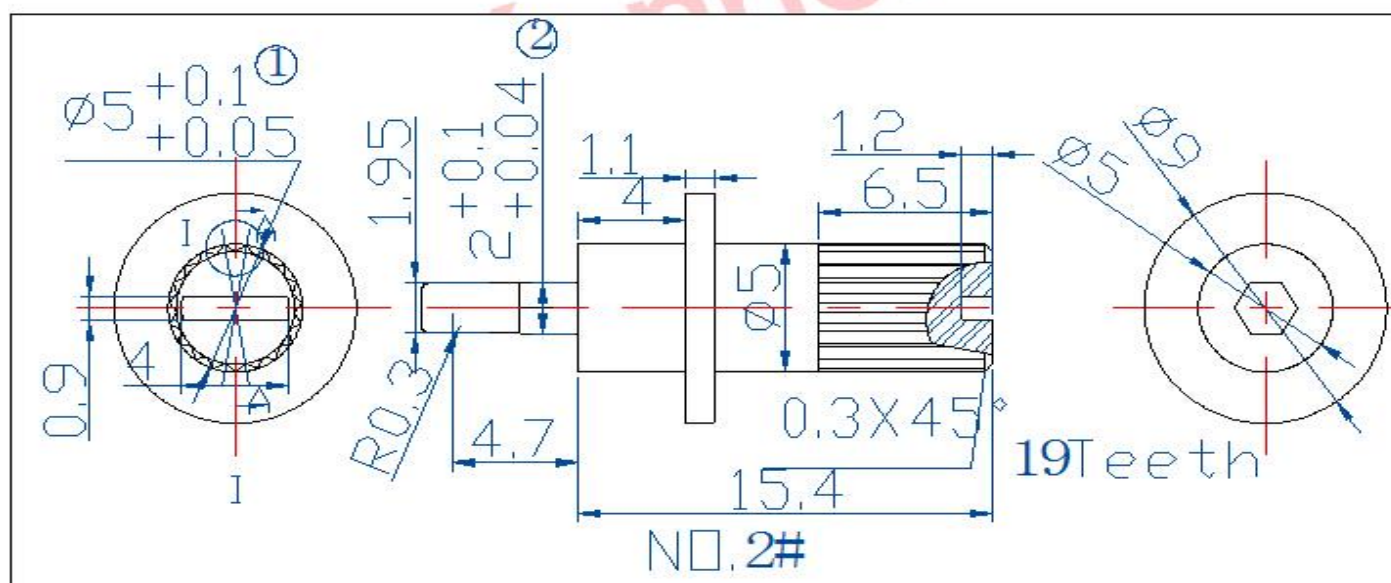
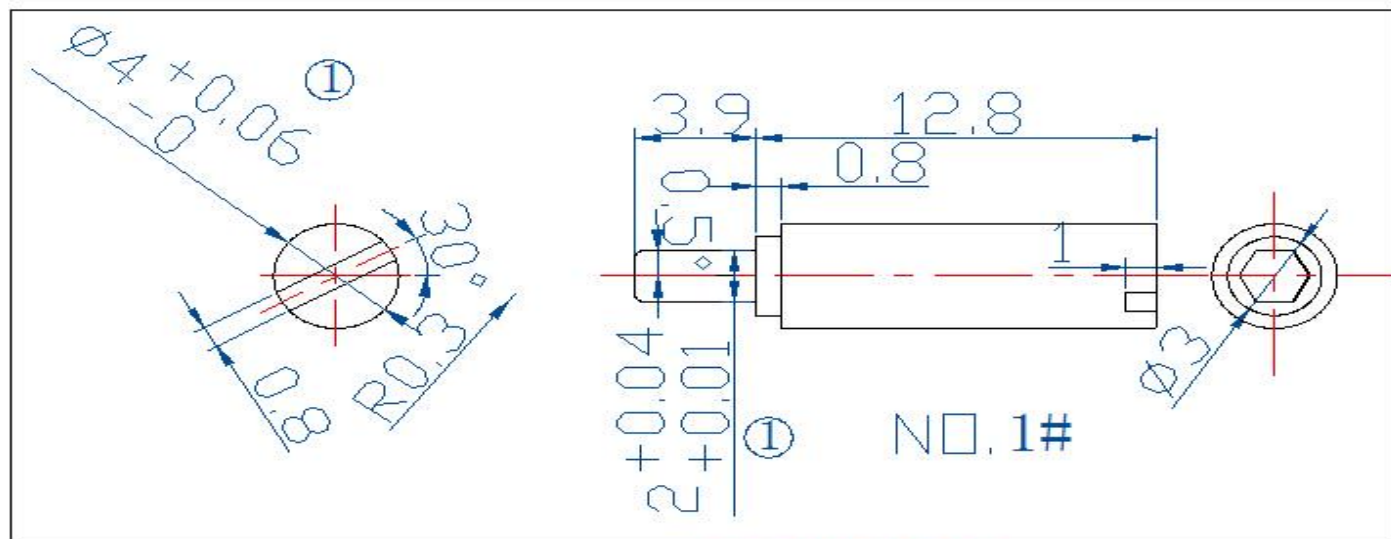


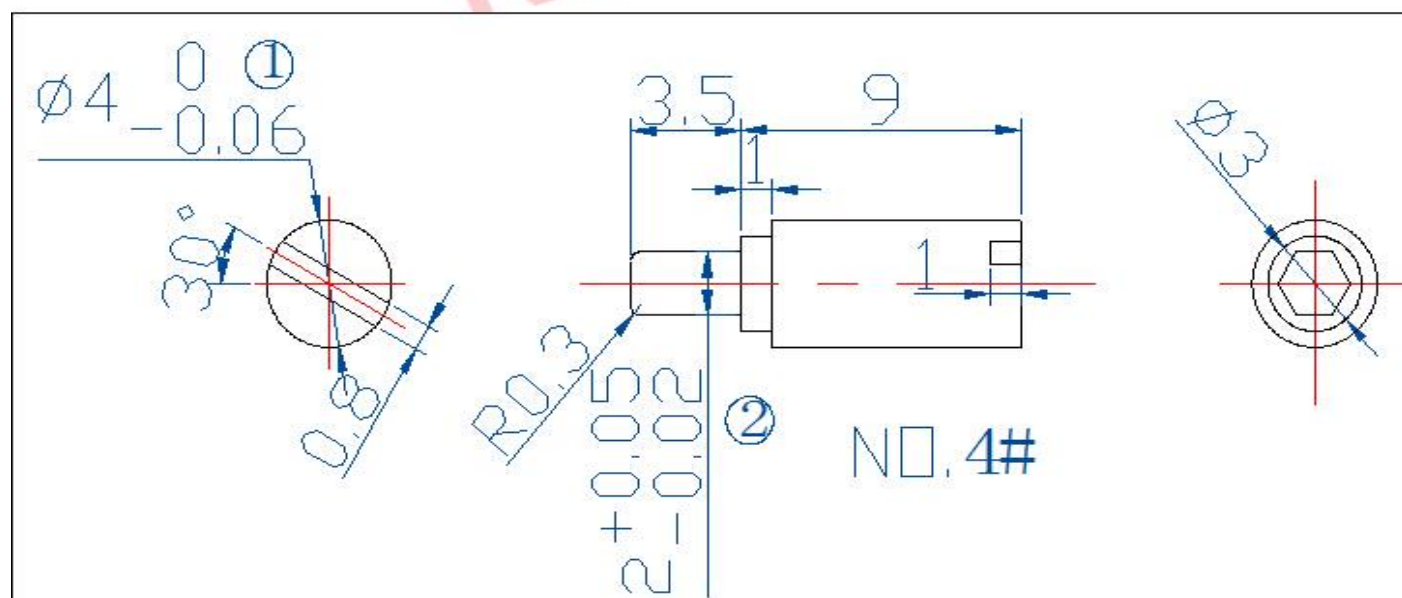
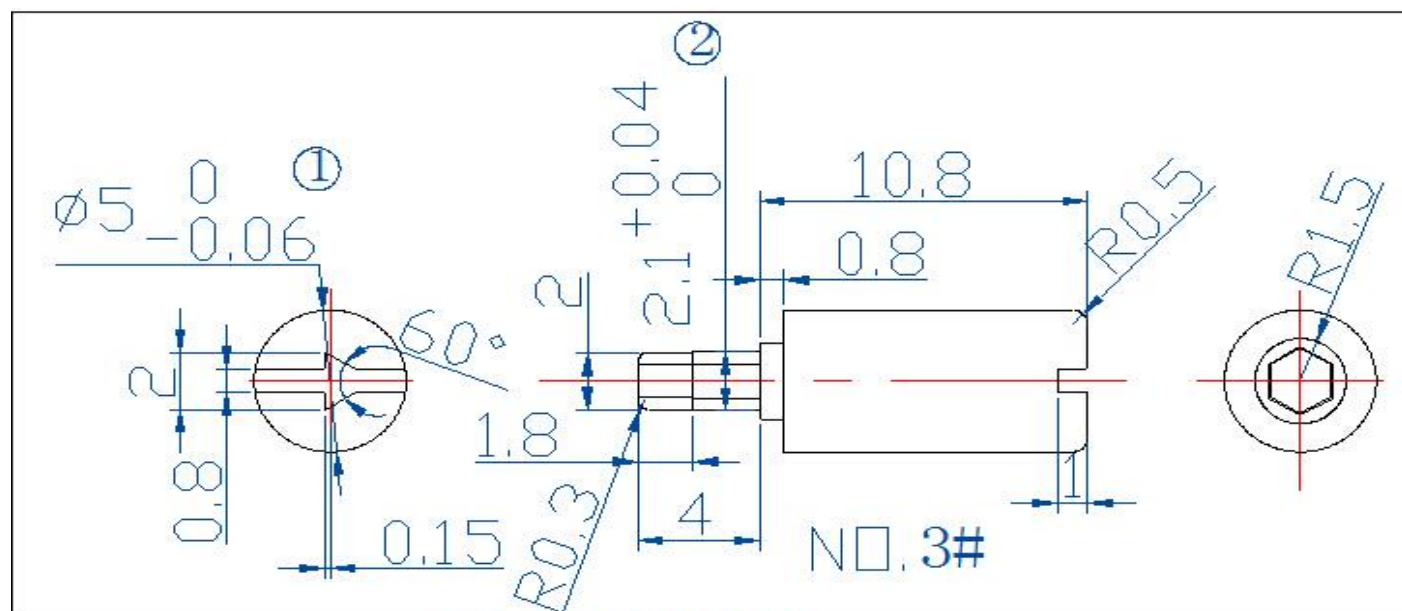
POTENTIOMETER with detentes

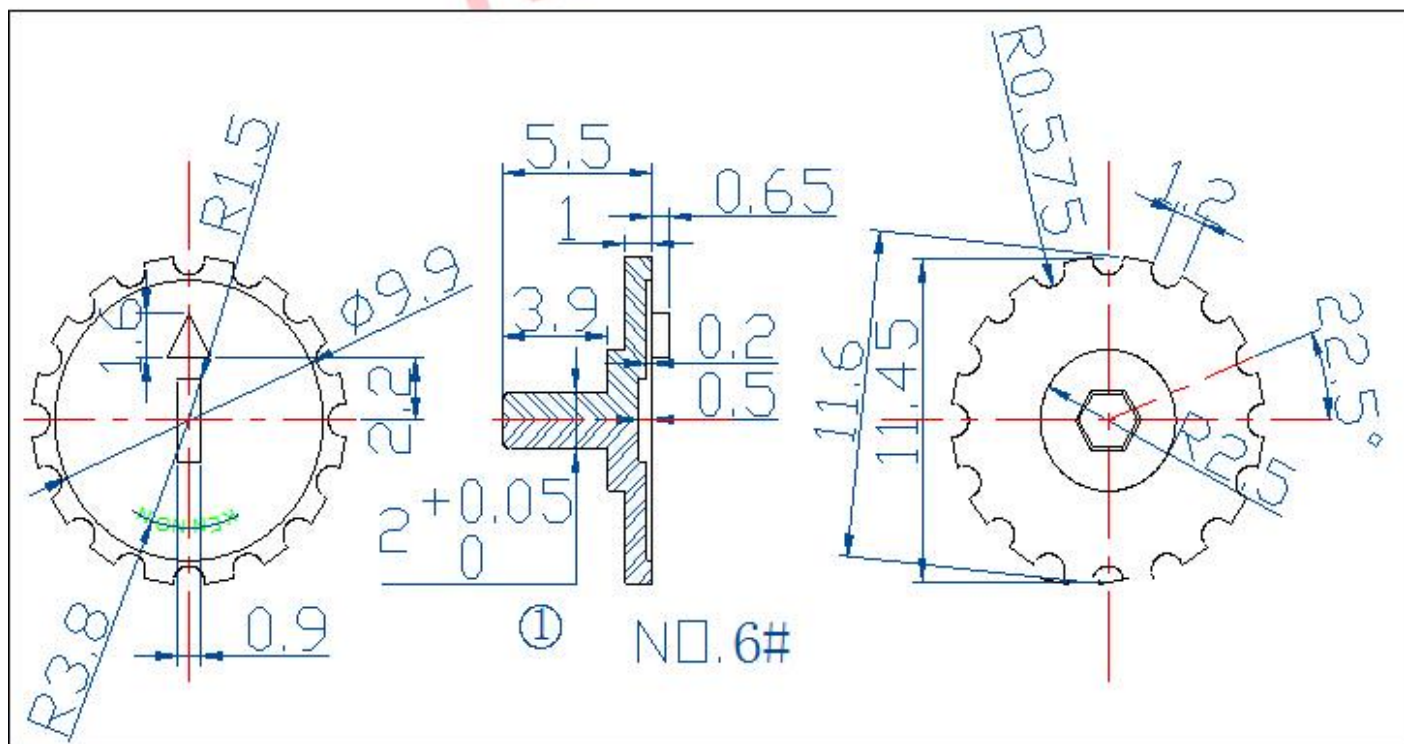
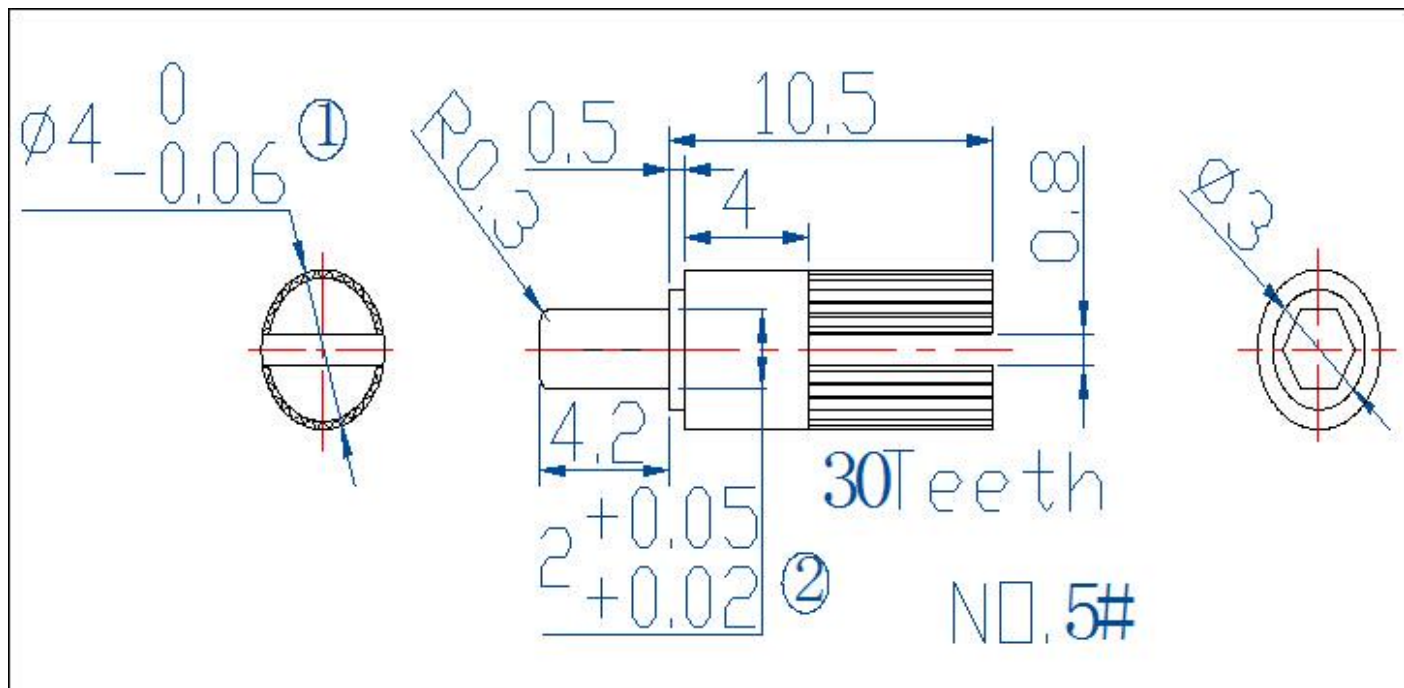
V10 P05 (V10 P06 V10P07 V10P08 V10P09 V10P10)

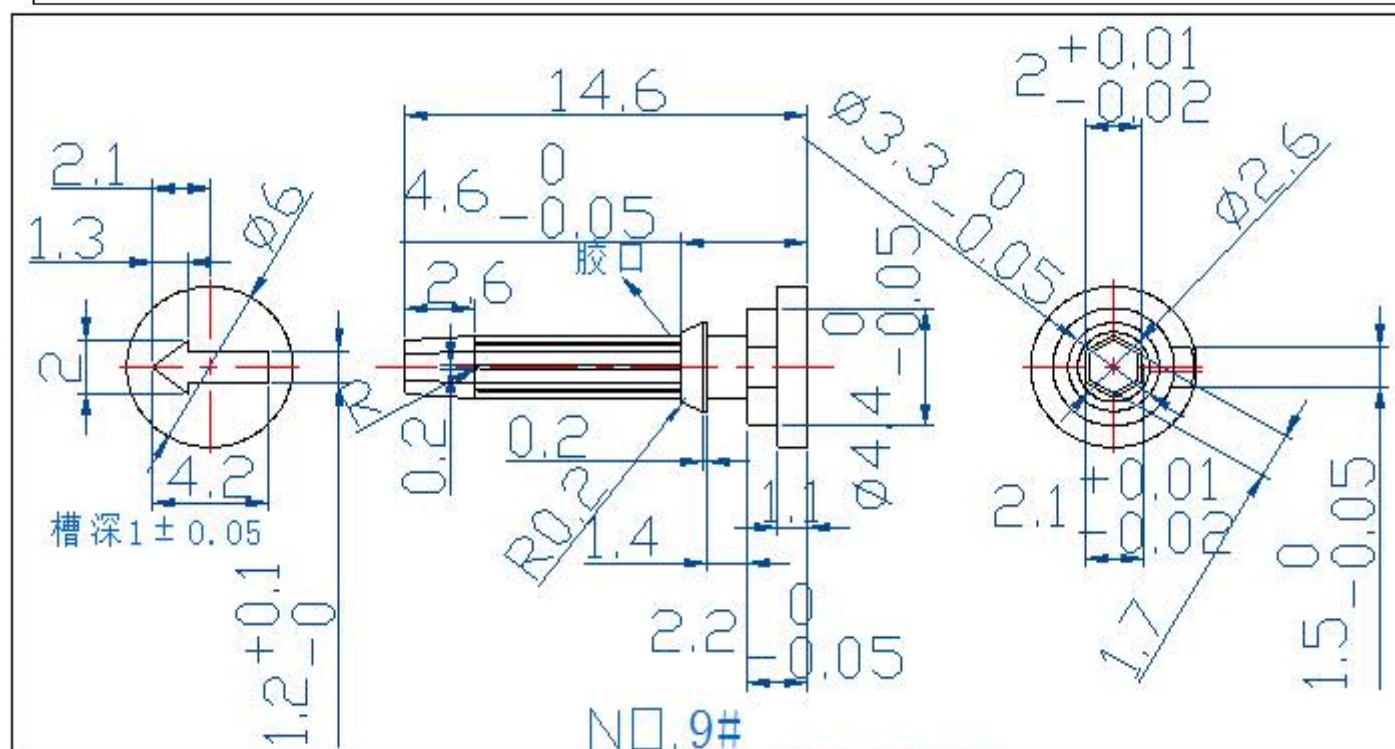
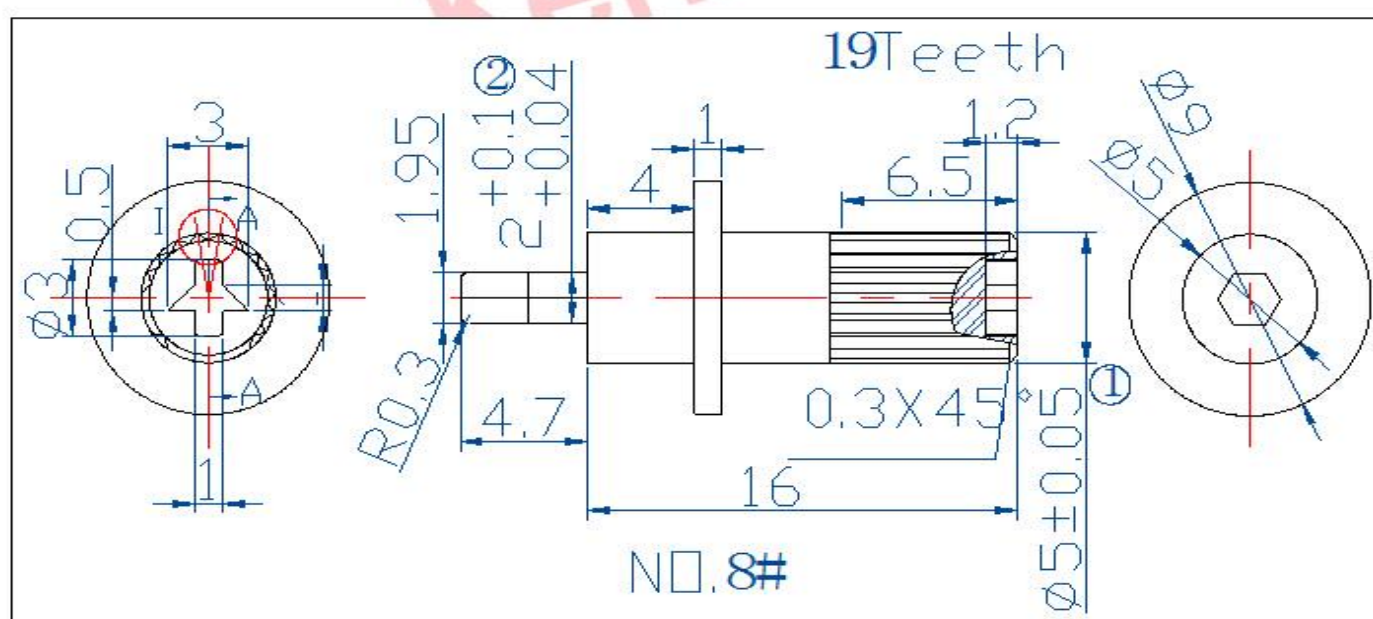
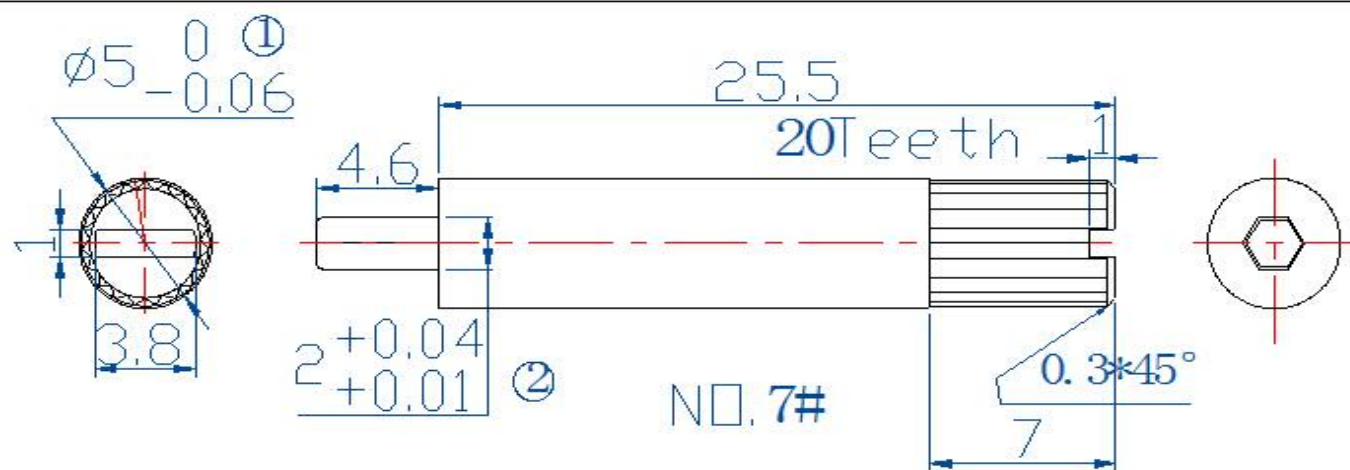


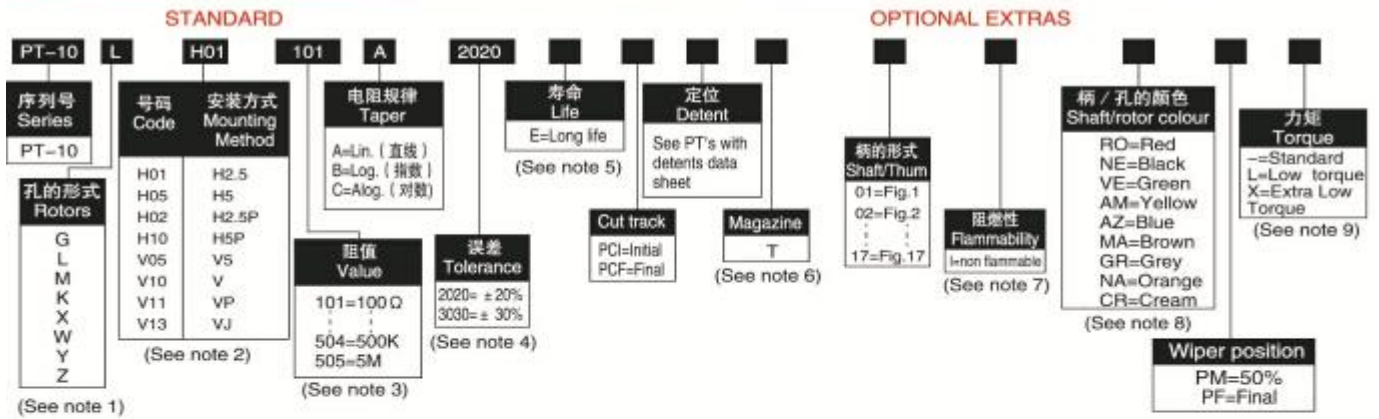
SHAFT TYPE (现有轴种类)











NOTES

- (1) "Z" adjustment only available on "H" versions. Rotor "G" only available in purple (shaft/rotor colour "VI").
- (2) Terminals styles: "P" & "J" are crimped terminals.
- (3) Value Example: Code: 10 1 100Ω
 Numb Of zeros
 First two digits Of the value.
- (4) Non Standard tolerance, upon request. Example: +7% Code: 07 05
 -5% negative tolerance
 positive tolerance
- (5) Life ♦ Long life 10000 cycles
- (6) Magazines: not available with the H10, V05 and V13 models, nor with adjustment types X, W, Y, Z.
- (7) Non flammable: housing, rotor and shaft.
- (8) Colour shaft/rotor: ♦ Potentiometer without shaft: only rotor ♦ Potentiometer with shaft: only shaft
 ♦ Cream colour only available in standard plastic
- (9) Low Torque: 0.25 to 1 Ncm (per pot).
 Extra Low Torque: 0.1 to 0.4 Ncm (per pot). Only available on "H" models without crimping
 No detent option available for low and extra low torque models. No shaft or thumbwheel option for extra low torque models.

NOTE: The information contained here should be used for reference purposes only.

SHAFT FOR PT10 M/G ROTOR

