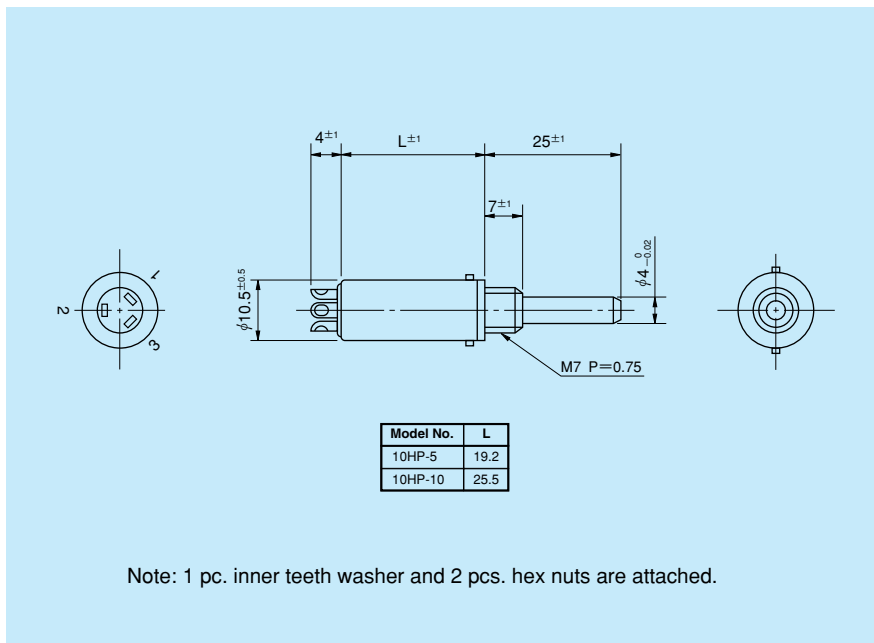




● Standard Dimensions



● Standard Model Nos.

- 10HP-5 (5-turn)
- 10HP-10 (10-turn)

● General Specifications

<b>Standard Resistance Range:</b>	100Ω to 20kΩ (5-turn) 100Ω to 50kΩ (10-turn)	<b>Electrical Travel:</b>	360° × n ± 5° (n: No. of turns)
<b>Max. Practical Resistance Value:</b>	50kΩ (5-turn) 100kΩ (10-turn)	<b>Mechanical Travel:</b>	360° × n $\begin{matrix} +30^\circ \\ 0 \end{matrix}$ (n: No. of turns)
<b>Total Resistance Tolerance:</b>	Standard Class ±3% (H) Precision Class ±1% (F)	<b>Insulation Resistance:</b>	Over 100 MΩ at 500V.D.C.
<b>Independent Linearity Tolerance:</b>	Standard Class $\begin{matrix} 5\text{-turn} & 10\text{-turn} \\ \pm 0.35\% & \pm 0.25\% \end{matrix}$ Precision Class $\begin{matrix} \pm 0.2\% & \pm 0.1\% \\ (\text{Within } 5\text{k}\Omega) & (\pm 0.25\%)(\pm 0.15\%) \end{matrix}$	<b>Dielectric Strength:</b>	1 minute at 500V.A.C.
<b>Power Rating:</b>	0.5W (5-turn) 1.0W (10-turn)	<b>Starting Torque:</b>	Within 3mN·m (30gf·cm)
<b>Noise:</b>	Within 100Ω E.N.R.	<b>Stopper Strength:</b>	Approx. 0.1N·m (1kgf·cm)
		<b>Max. Torque exerted on fastening the mounting nut to the bushing:</b>	Within 1N·m (10kgf·cm)
		<b>Max. Working Voltage:</b>	450V
		<b>Resist. Temperature Coefficient of Wire:</b>	±20p.p.m./°C
		<b>Mass:</b>	Approx. 17g (5-turn) Approx. 20g (10-turn)

● Standard Resistance Values ■ No. of Wire Turns ■ Resistance Wire Used

Resist. Value (Ω)	100	200	500	1k	2k	5k	10k	20k	50k	100k
10HP-5	750	620	830	1,050	1,330	1,820	2,300	2,940	※3,900	—
10HP-10	1,200	1,500	1,350	1,670	2,100	2,860	3,640	4,550	6,250	※7,850
Resist. Wire Used	Cu-Ni System			Ni-Cr System						

Note: Mark ※shows values at special higher practical resistance.

● Special Specifications Available

3-turn type (S10HP-3), Lower resistance values (20Ω, 50Ω), Shaft dia. (φ 3.175mm) • Bushing with inch dimensions, Special machining on the shaft, Rear shaft (0.8mm dia. and 10mm length).