

CATÁLOGO DE PRODUTOS RSE

PRODUTO: **TRIMPOT**



RSE
Automação e Componentes Eletrônicos



- ## MECHANICAL SPECIFICATIONS

- * Others upon request

ELECTRICAL SPECIFICATIONS

- (*) Others upon request

⁸⁰⁰ Up to 85°C depending on application

HOW TO ORDER



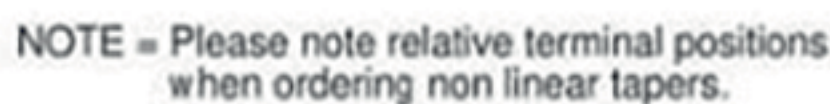
- NOTE: The information contained here should be used for reference purposes only.

STANDARD OPTIONS

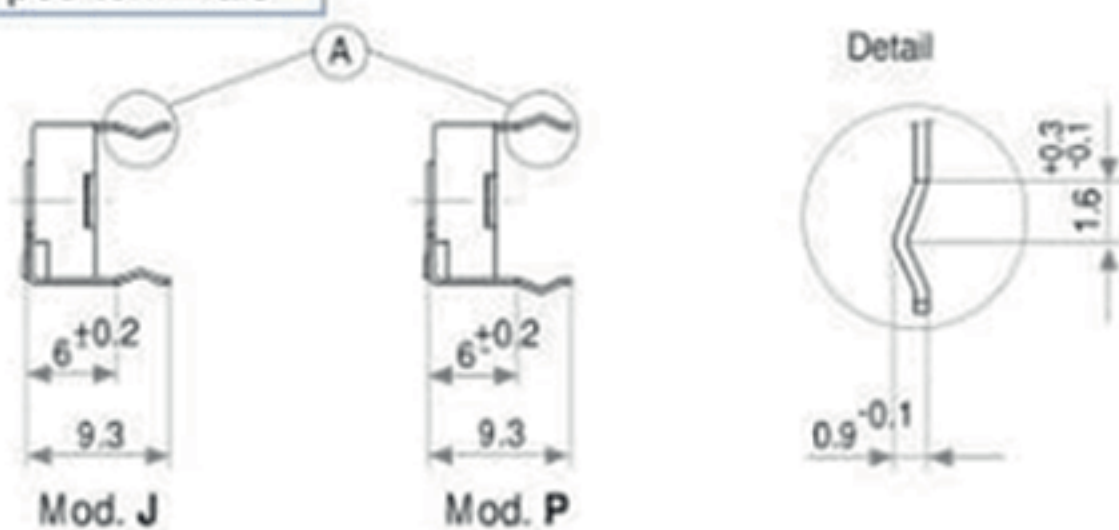
Cut track	No
Detents	None
Packing	Bulk
Non flammable	No
Rotor colour	White
Shaft colour	Natural
Wiper position	Initial
Torque	Standard

ROTORS

With shaft

h = vertical mount – horizontal adjust

Crimped terminals



OPTIONS

Positioning (Std. Position = CCW)



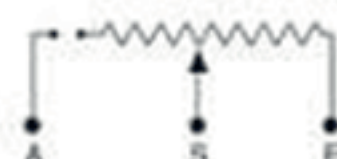
Special SWITCH (Upon request)



(Rotor at Final Position)

Mechanical Rotation Angle: 45°
Housing Colour: Green

CUT TRACK
CCW on-off (A)



A = Initial

E = Final

S = Wiper

CW on-off (E)

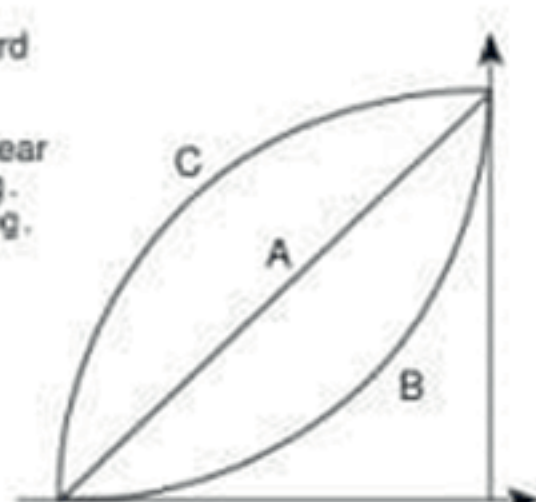


TAPERS

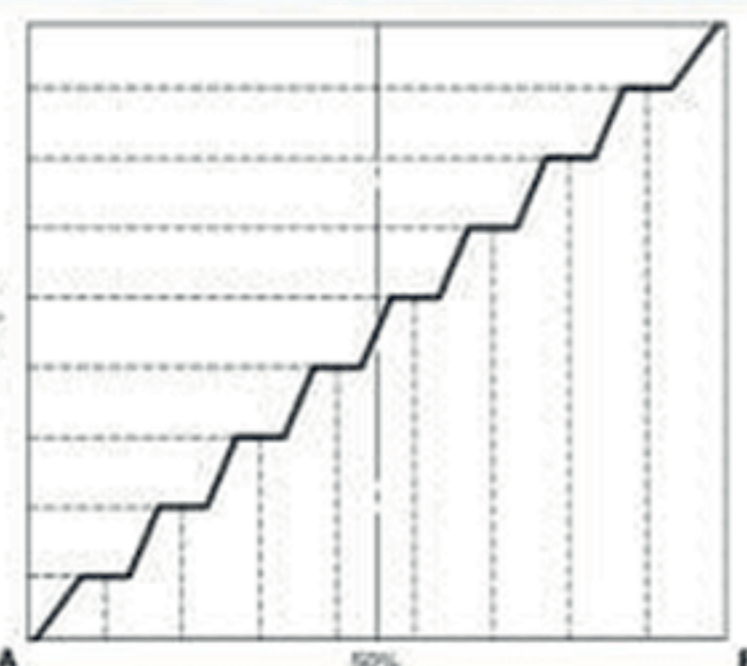
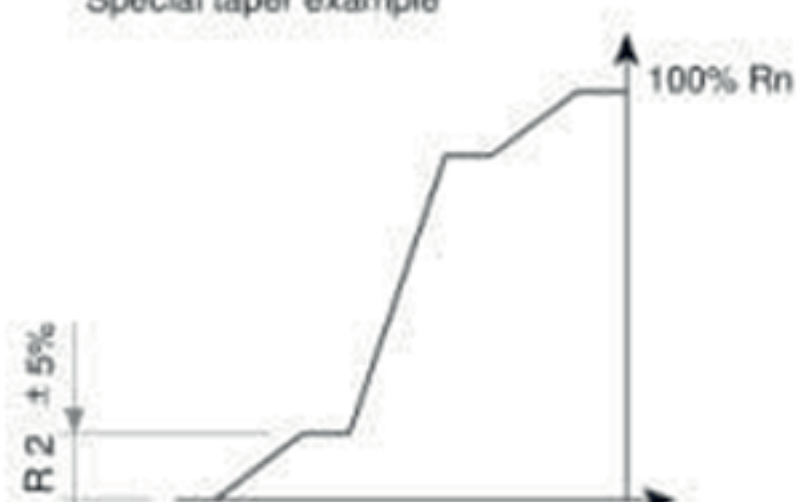
↓ Detents combined with silver zones - click here

Standard

A = Linear
B = Log.
C = Alog.



Special taper example



NOTE = Please note relative terminal positions when ordering non linear tapers.

TESTS

TYPICAL VARIATIONS

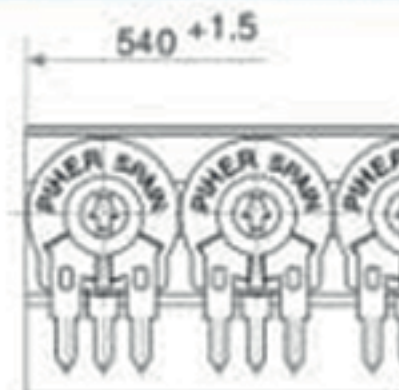
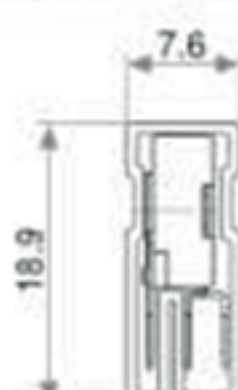
ELECTRICAL LIFE	1.000 h. @ 50°C; 0.15 W	±5 %
MECHANICAL LIFE (CYCLES)	500 @ 10 CPM ... 15 CPM	±3 % (Rn < 1 M Ω)
TEMPERATURE COEFFICIENT	-25°C; +70°C	±300 ppm (Rn < 100 K)
THERMAL CYCLING	16 h. @ 85°C; 2h. @ -25°C	±2.5 %
DAMP HEAT	500 h. @ 40°C @ 95% HR	±5 %
VIBRATION (for each plane X,Y,Z)	2 h. @ 10 Hz. ... 55 Hz.	±2 %

NOTE: Out of range values may not comply these results.

PACKAGING

BOXES

Model	Units
Without shaft	1000 (80 x 85 x 185 mm.)
With thumbwheel	800 (80 x 85 x 185 mm.)
With shaft	400 (80 x 85 x 185 mm.)

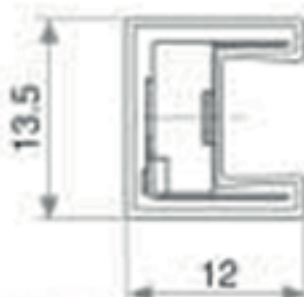


Magazines for PT-10 h 2.5; h 5

Also crimped term. h 2,5 P

AUTOMATIC INSERTION

Magazines	Units per magazine
PT-10H & PT-10V	50 Pieces

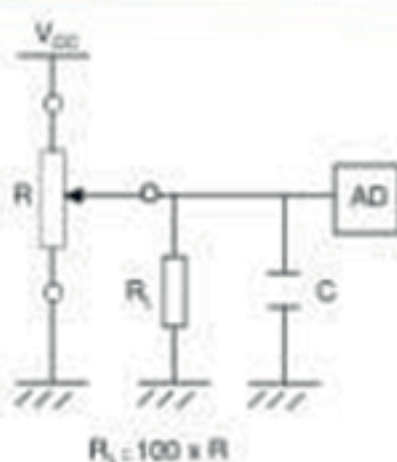


Magazines for PT-10 V

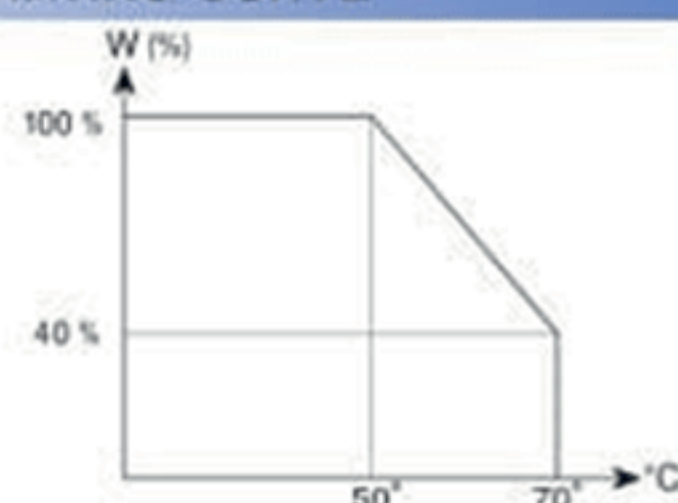
Also crimped term. VP

RECOMMENDED CONNECTION

Recommended connection scheme for Piher's position sensors (voltage divider)



POWER RATING CURVE



SHAFTS

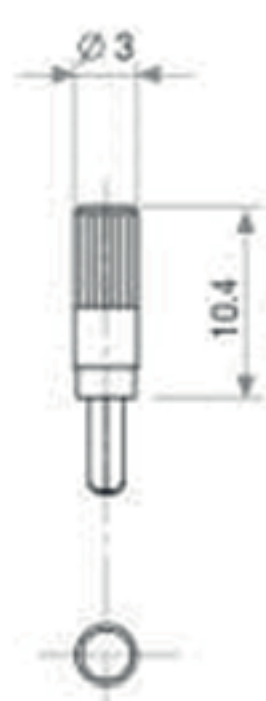


Fig. 1 / Ref. 5016

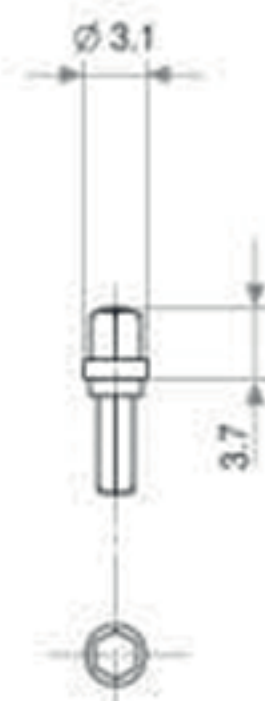


Fig. 2 / Ref. 5053

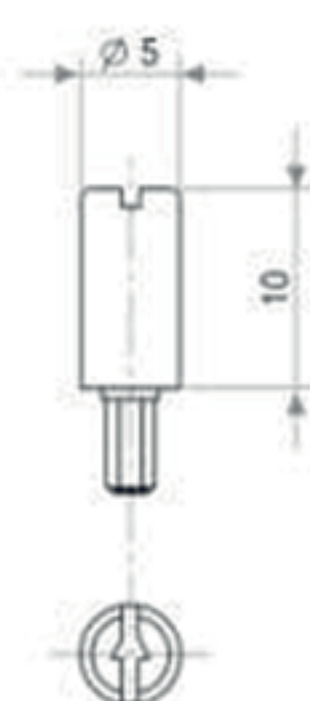


Fig. 3 / Ref. 5012

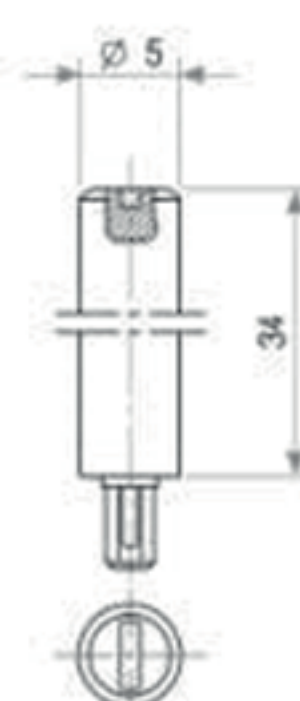


Fig. 4 / Ref. 6053

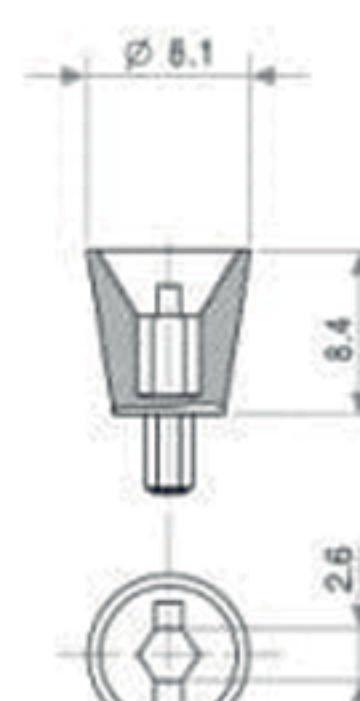


Fig. 6 / Ref. 5035

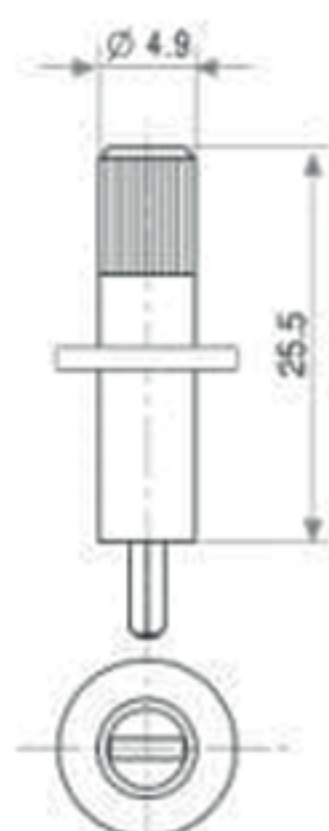


Fig. 7 / Ref. 5115

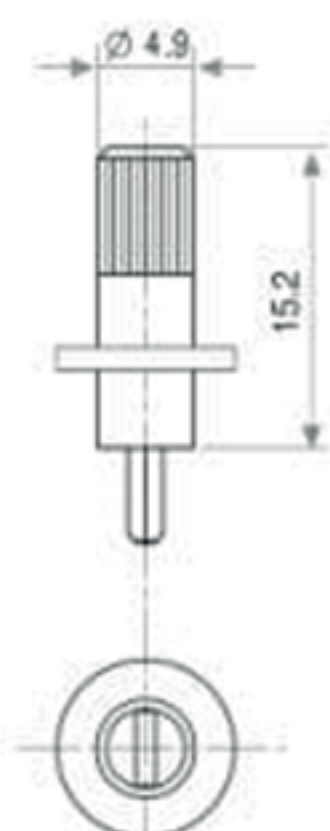


Fig. 8 / Ref. 5116

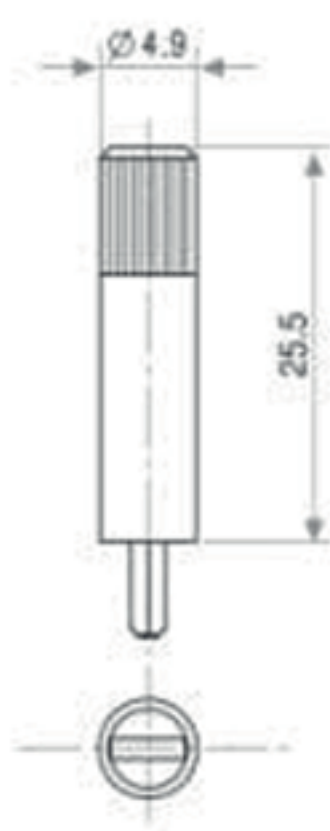


Fig. 9 / Ref. 5119

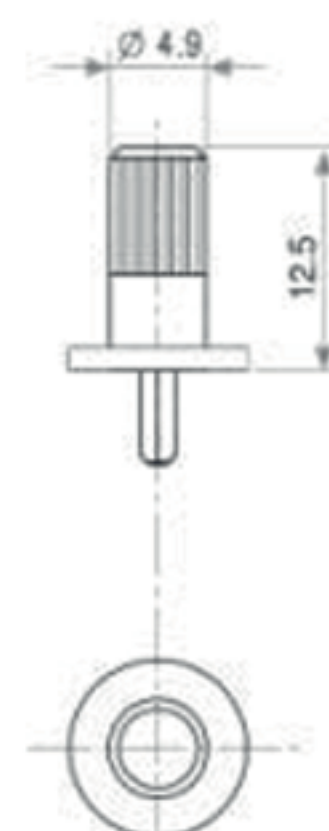


Fig. 10 / Ref. 5120

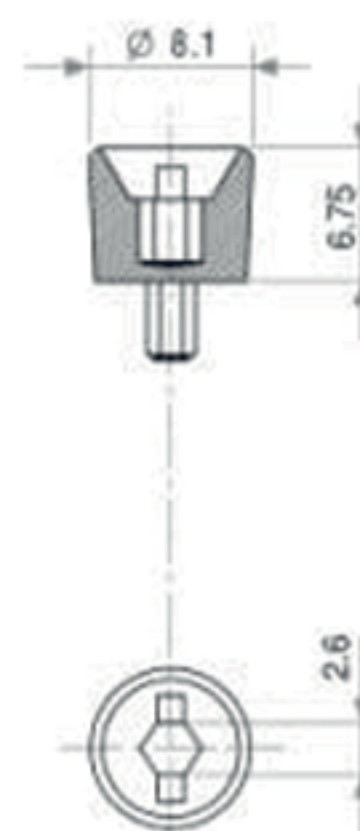


Fig. 11 / Ref. 5027

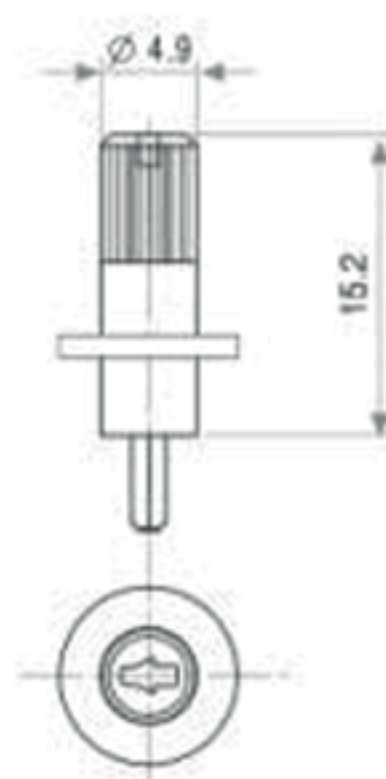


Fig. 12 / Ref. 6052

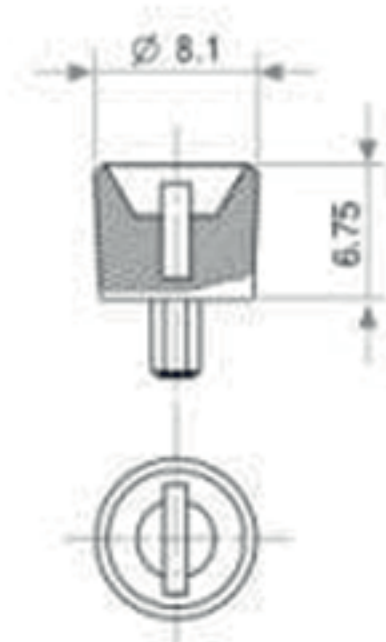
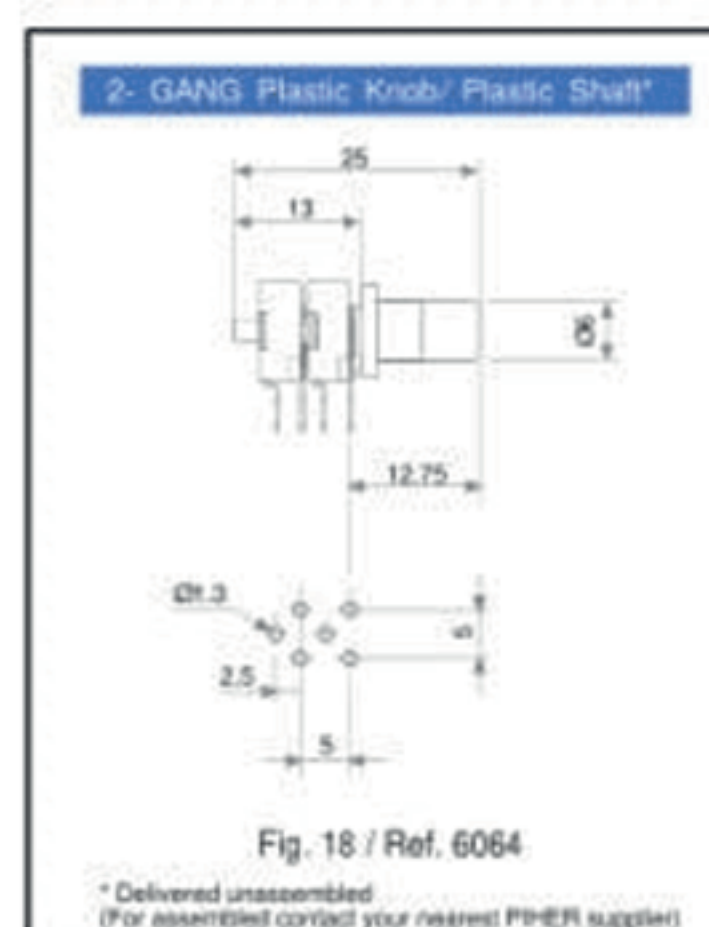


Fig. 13 / Ref. 5121



Fig. 14 / Ref. 5055



THUMBWHEELS

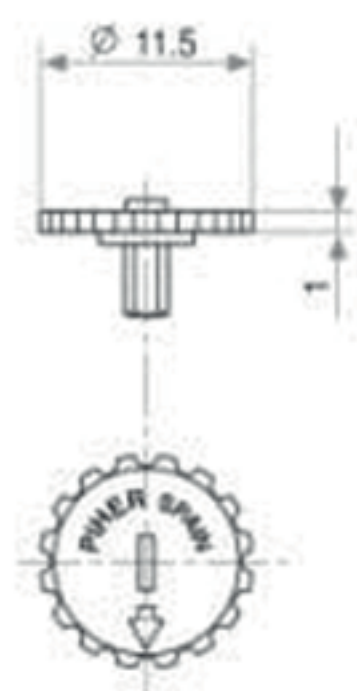


Fig. 5 / Ref. 5034

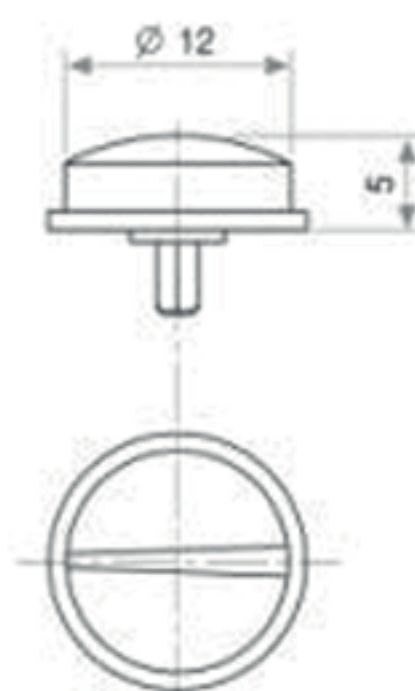


Fig. 15 / Ref. 6008

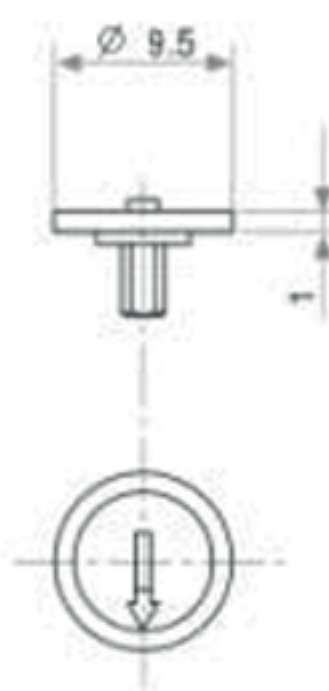


Fig. 16 / Ref. 5039

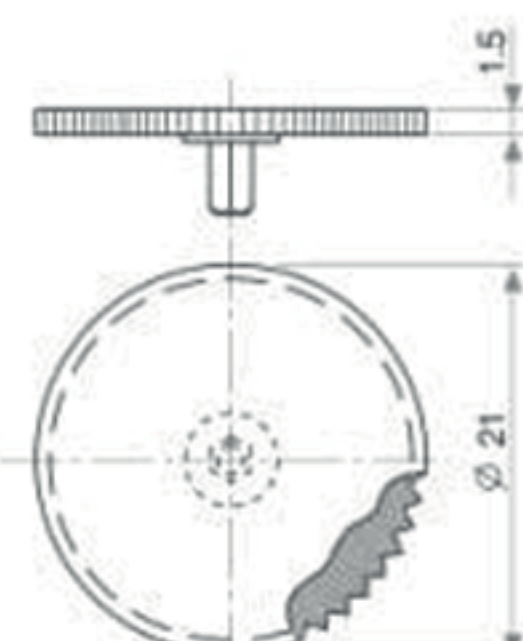


Fig. 17 / Ref. 5062