



Rotary Switches

K1 Metal Knobs

- Robust solid-aluminum design (RoHS compliant)
- For D-shape and round shafts
- Glossy anodized surface, scratch resistant, electrically non conducting and available in many colours
- Customized designs on request available

Explanation:

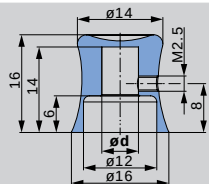
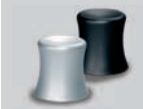
Ø d = Shaft diameter

L = Shaft length

P = Front panel thickness

Secure shaft attachment ensured
with setscrew tightening

Shape



Weight: 3,6g

3mm

K1-SH-S30

K1-SH-B30

3,18mm (1/8")

K1-SH-S32

K1-SH-B32

4mm

K1-SH-S40

K1-SH-B40

* 6mm

K1-SH-S60

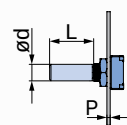
K1-SH-B60

6,35mm (1/4")

K1-SH-S64

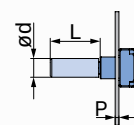
K1-SH-B64

E33
(threaded bushing)



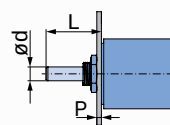
d = 6mm
L = 7,8mm
P = Min. 0,8mm
Max. 3mm

E33
(non-threaded)



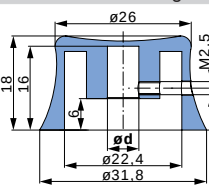
d = 6mm
L = 7mm
P = Min. 0,8mm
Max. 3,5mm
at L=7mm
P_{max} = depending on L

E50
(threaded bushing)



Combination not possible

Shaper



Weight: 14,5g

3mm

K1-SR-S30

K1-SR-B30

3,18mm (1/8")

K1-SR-S32

K1-SR-B32

4mm

K1-SR-S40

K1-SR-B40

* 6mm

K1-SR-S60

K1-SR-B60

6,35mm (1/4")

K1-SR-S64

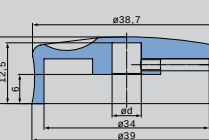
K1-SR-B64

d = 6mm
L = 7,8mm
P = Min. 0,8mm
Max. 3mm

d = 6mm
L = 7mm
P = Min. 0,8mm
Max. 3,5mm
at L=7mm
P_{max} = depending on L

d = 6mm
L = 14,3mm
P = Min. 2mm
Max. 5mm

Dimple



Weight: 16,8g

3mm

K1-DM-S30

K1-DM-B30

3,18mm (1/8")

K1-DM-S32

K1-DM-B32

4mm

K1-DM-S40

K1-DM-B40

* 6mm

K1-DM-S60

K1-DM-B60

6,35mm (1/4")

K1-DM-S64

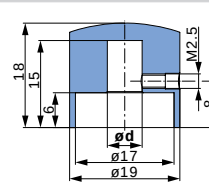
K1-DM-B64

d = 6mm
L = 7,8mm
P = Min. 0,8mm
Max. 3mm

d = 6mm
L = 7mm
P = Min. 0,8mm
Max. 3,5mm
at L=7mm
P_{max} = depending on L

d = 6mm
L = 14,3mm
P = Min. 2mm
Max. 5mm

Pure



Weight: 8,9g

3mm

K1-PR-S30

K1-PR-B30

3,18mm (1/8")

K1-PR-S32

K1-PR-B32

4mm

K1-PR-S40

K1-PR-B40

* 6mm

K1-PR-S60

K1-PR-B60

6,35mm (1/4")

K1-PR-S64

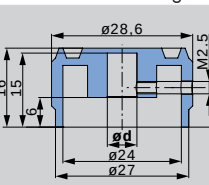
K1-PR-B64

d = 6mm
L = 7,8mm
P = Min. 0,8mm
Max. 3mm

d = 6mm
L = 7mm
P = Min. 0,8mm
Max. 3,5mm
at L=7mm
P_{max} = depending on L

d = 6mm
L = 14,3mm
P = Min. 2mm
Max. 5mm

Robot



Weight: 12,2g

3mm

K1-RB-S30

K1-RB-B30

3,18mm (1/8")

K1-RB-S32

K1-RB-B32

4mm

K1-RB-S40

K1-RB-B40

* 6mm

K1-RB-S60

K1-RB-B60

6,35mm (1/4")

K1-RB-S64

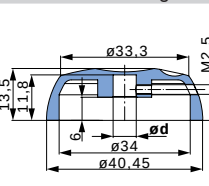
K1-RB-B64

d = 6mm
L = 7,8mm
P = Min. 0,8mm
Max. 3mm

d = 6mm
L = 7mm
P = Min. 0,8mm
Max. 3,5mm
at L=7mm
P_{max} = depending on L

d = 6mm
L = 14,3mm
P = Min. 2mm
Max. 5mm

Space



Weight: 15,2g

3mm

K1-SC-S30

K1-SC-B30

3,18mm (1/8")

K1-SC-S32

K1-SC-B32

4mm

K1-SC-S40

K1-SC-B40

* 6mm

K1-SC-S60

K1-SC-B60

6,35mm (1/4")

K1-SC-S64

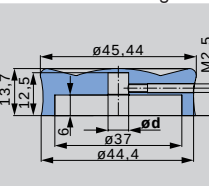
K1-SC-B64

d = 6mm
L = 7,8mm
P = Min. 0,8mm
Max. 3mm

d = 6mm
L = 7mm
P = Min. 0,8mm
Max. 3,5mm
at L=7mm
P_{max} = depending on L

d = 6mm
L = 14,3mm
P = Min. 2mm
Max. 5mm

Cone



Weight: 36,2g

3mm

K1-CN-S30

K1-CN-B30

3,18mm (1/8")

K1-CN-S32

K1-CN-B32

4mm

K1-CN-S40

K1-CN-B40

* 6mm

K1-CN-S60

K1-CN-B60

6,35mm (1/4")

K1-CN-S64

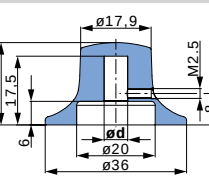
K1-CN-B64

d = 6mm
L = 7,8mm
P = Min. 0,8mm
Max. 3mm

d = 6mm
L = 7mm
P = Min. 0,8mm
Max. 3,5mm
at L=7mm
P_{max} = depending on L

d = 6mm
L = 14,3mm
P = Min. 2mm
Max. 5mm

Medic



Weight: 16,8g

3mm

K1-MD-S30

K1-MD-B30

3,18mm (1/8")

K1-MD-S32

K1-MD-B32

4mm

K1-MD-S40

K1-MD-B40

* 6mm

K1-MD-S60

K1-MD-B60

6,35mm (1/4")

K1-MD-S64

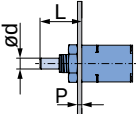
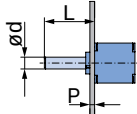
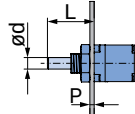
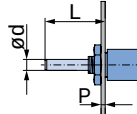
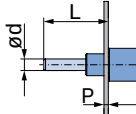
K1-MD-B64

d = 6mm
L = 7,8mm
P = Min. 0,8mm
Max. 3mm

d = 6mm
L = 7mm
P = Min. 0,8mm
Max. 3,5mm
at L=7mm
P_{max} = depending on L

d = 6mm
L = 14,3mm
P = Min. 2mm
Max. 5mm

Recommended dimensions for **Coded switches**

07 (threaded bushing) 	07 (non-threaded) 	C07A (threaded bushing) 	C08 (threaded bushing) 	C08 (non-threaded) 
d = 3mm L₁ = 11,5mm P₁ = Min. 0,8mm Max. 1,5mm L₂ = 12,8mm P₂ = Min 0,8mm Max 2,5mm	d = 3mm L = 12,8mm P = Min. 0,8mm Max. 3mm at L=12,8mm P_{Max} = depending on L	d = 3mm L₁ = 13mm P₁ = Min. 0,8mm Max. 3,5mm L₂ = 13,5mm P₂ = Min 0,8mm Max 4mm	d = 3,18mm L = 15,2mm P = Min. 0,8mm Max. 2,5mm	d = 3,18mm L = 15,2mm P = Min. 0,8mm Max. 5mm
d = 3mm L₁ = 11,5mm P₁ = Min. 0,8mm Max. 1,5mm L₂ = 12,8mm P₂ = Min 0,8mm Max 2,5mm	d = 3mm L = 12,8mm P = Min. 0,8mm Max. 3mm at L=12,8mm P_{Max} = depending on L	d = 3mm L₁ = 13mm P₁ = Min. 0,8mm Max. 3,5mm L₂ = 13,5mm P₂ = Min 0,8mm Max 4mm	d = 3,18mm L = 15,2mm P = Min. 0,8mm Max. 2,5mm	d = 3,18mm L = 15,2mm P = Min. 0,8mm Max. 5mm
d = 3mm L₁ = 11,5mm P₁ = Min. 0,8mm Max. 1,5mm L₂ = 12,8mm P₂ = Min 0,8mm Max 2,5mm	d = 3mm L = 12,8mm P = Min. 0,8mm Max. 3mm at L=12,8mm P_{Max} = depending on L	d = 3mm L₁ = 13mm P₁ = Min. 0,8mm Max. 3,5mm L₂ = 13,5mm P₂ = Min 0,8mm Max 4mm	d = 3,18mm L = 15,2mm P = Min. 1,5mm Max. 2,5mm	d = 3,18mm L = 15,2mm P = Min. 2mm Max. 5mm
d = 3mm L₁ = 11,5mm P₁ = Min. 0,8mm Max. 1,5mm L₂ = 12,8mm P₂ = Min 0,8mm Max 2,5mm	d = 3mm L = 12,8mm P = Min. 0,8mm Max. 3mm at L=12,8mm P_{Max} = depending on L	d = 3mm L₁ = 13mm P₁ = Min. 0,8mm Max. 3,5mm L₂ = 13,5mm P₂ = Min 0,8mm Max 4mm	d = 3,18mm L = 15,2mm P = Min. 0,8mm Max. 2,5mm	d = 3,18mm L = 15,2mm P = Min. 0,8mm Max. 5mm
d = 3mm L₁ = 11,5mm P₁ = Min. 0,8mm Max. 1,5mm L₂ = 12,8mm P₂ = Min 0,8mm Max 2,5mm	d = 3mm L = 12,8mm P = Min. 0,8mm Max. 3mm at L=12,8mm P_{Max} = depending on L	d = 3mm L₁ = 13mm P₁ = Min. 0,8mm Max. 3,5mm L₂ = 13,5mm P₂ = Min 0,8mm Max 4mm	d = 3,18mm L = 15,2mm P = Min. 0,8mm Max. 2,5mm	d = 3,18mm L = 15,2mm P = Min. 0,8mm Max. 5mm
d = 3mm L₁ = 11,5mm P₁ = Min. 0,8mm Max. 1,5mm L₂ = 12,8mm P₂ = Min 0,8mm Max 2,5mm	d = 3mm L = 12,8mm P = Min. 0,8mm Max. 3mm at L=12,8mm P_{Max} = depending on L	d = 3mm L₁ = 13mm P₁ = Min. 0,8mm Max. 3,5mm L₂ = 13,5mm P₂ = Min 0,8mm Max 4mm	d = 3,18mm L = 15,2mm P = Min. 2,5mm Max. 2,5mm	d = 3,18mm L = 15,2mm P = Min. 2,5mm Max. 5mm
d = 3mm L₁ = 11,5mm P₁ = Min. 0,8mm Max. 1,5mm L₂ = 12,8mm P₂ = Min 0,8mm Max 2,5mm	d = 3mm L = 12,8mm P = Min. 0,8mm Max. 3mm at L=12,8mm P_{Max} = depending on L	d = 3mm L₁ = 13mm P₁ = Min. 0,8mm Max. 3,5mm L₂ = 13,5mm P₂ = Min 0,8mm Max 4mm	d = 3,18mm L = 15,2mm P = Min. 1,5mm Max. 2,5mm	d = 3,18mm L = 15,2mm P = Min. 2mm Max. 5mm
d = 3mm L₁ = 11,5mm P₁ = Min. 0,8mm Max. 1,5mm L₂ = 12,8mm P₂ = Min 0,8mm Max 2,5mm	d = 3mm L = 12,8mm P = Min. 0,8mm Max. 3mm at L=12,8mm L_{Max} = depending on L	d = 3mm L₁ = 13mm P₁ = Min. 0,8mm Max. 3,5mm L₂ = 13,5mm P₂ = Min 0,8mm Max 4mm	d = 3,18mm L = 15,2mm P = Min. 0,8mm Max. 2,5mm	d = 3,18mm L = 15,2mm P = Min. 0,8mm Max. 5mm

Recommended dimensions for **Selector switches**

[illegible]

Standard colours

Anodized natural „Aluminum-silver“	
Black	

Special colours

Bright red	
Real gold	
Green	
Turquoise blue	
Light blue	
Dark blue	

Additional colours available on request

Content of standard packing

- 20pcs. for Shaper, Robot, Space, Dimple, Cone, Medic
- 40pcs. for Shape or Pure
- 1pc. set screw M2,5x3mm per knob
- 1pc. setscrew-wrench WS 1,3mm



20pcs. for Shaper, Robot, Space, Dimple, Cone, Medic



40pcs. for Shape or Pure

Spare parts

Description	Quantity	Order number
Setscrew-wrench WS 1,3mm	1 pc.	K1-HEXKEY
Set screw M2,5x3mm	1 pc.	5404-31

Additional information

Note: Tighten the set screw carefully, max. torque 0,3Nm

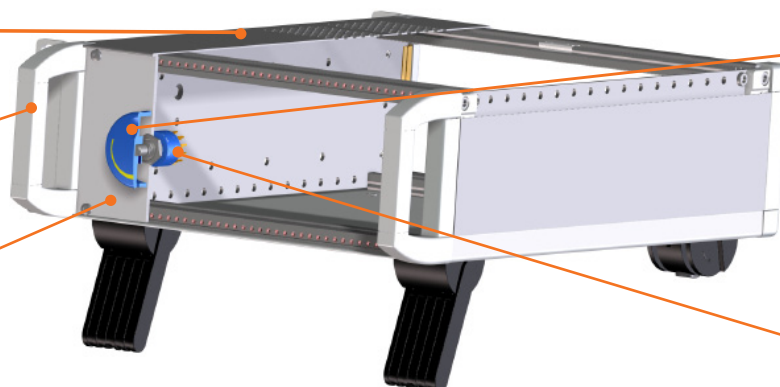
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Steel- or
Aluminum construction

Elma Handles

Elma Front Panels



Elma Knobs

Metal- and
plastic knobs

Elma Rotary Switches

Coded switches,
Encoders,
Selector switches

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