

16mm Size Metal Shaft Type / Other Specifications

In addition to the products listed, we can accommodate the follow specifications.

Product Specifications and Applications

| Type | Model | Applications | Detent variety |
|---------------------------|----------------|------------------------------------|----------------|
| Single-shaft, single-unit | RK16311 | General | Center 21 |
| Single-shaft, dual-unit | RK16312 | General or Volume and tone control | 31 41 |

Total Resistance Variety

| Total resistance (kΩ) | 5 | 10 | 20 | 50 | 100 | 200 |
|-----------------------|---|----|----|----|-----|-----|
| | | | | | | |

Resistance Taper

| Resistance taper | 15A | 1B | 3B | 15C |
|------------------|-----|----|----|-----|
| | | | | |

Dimensions of Shaft

1) 18 teeth serrated type

Unit:mm

| L ₁ | L _B | l ₁ |
|----------------|----------------|----------------|
| 15 | 5 | 8 |
| 20 | 5 | 12 |
| 25 | 7 | 12 |
| 30 | 7 | 12 |

● The serration angle shall be as shown.

2) Flat type

Unit:mm

| L ₁ | L _B | l ₁ |
|----------------|----------------|----------------|
| 15 | 5 | 7 |
| 20 | 7 | 12 |
| 25 | 7 | 12 |
| 30 | 7 | 12 |

Shaft shown in full CCW position

3) Slotted type

Unit:mm

| L ₁ | L _B |
|----------------|----------------|
| 15 | 7 |
| 20 | 7 |
| 25 | 7 |
| 30 | 7 |

Shaft shown in full CCW position

Note

Marked are specifications recommended by Alps.
Die-cast shaft is standard.

Refer to P.344 for attached parts.
Refer to P.345 for ordering products not listed.

16mm Size Metal Shaft Type / Ordering Products Not Listed

When ordering product varieties that are not listed, specify referring to the examples below.

Sample Part Number

R K 1 6 3 1 1 1 0 - F 2 0 - C 0 - B 1 0 3 - P

Model type

| Code | Model type |
|------|--------------------|
| 111 | Single-unit |
| 121 | Dual-unit for tone |
| 12A | Dual-unit for vol. |

Shaft type

| Code | Shaft type |
|------|------------|
| F | Flat |
| S | Slotted |
| K | Serrated |

Length of the shaft L₁ (mm)

| Code | Length of the shaft | Code | Length of the shaft |
|------|---------------------|------|---------------------|
| 15 | 15 | 25 | 25 |
| 20 | 20 | 30 | 30 |

Detent

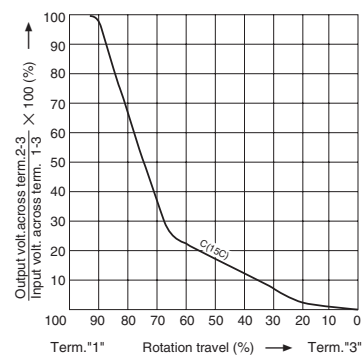
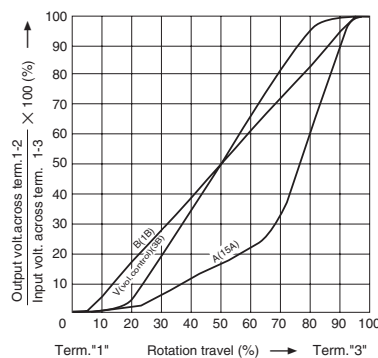
| Code | Detent | Code | Detent |
|------|---------|------|--------|
| C0 | Without | 31 | 31 |
| C1 | Center | 41 | 41 |
| 21 | 21 | — | — |

Resistance taper

| Code | Resistance taper | Code | Resistance taper |
|------|------------------|------|------------------|
| A | 15A | V | 3B |
| B | 1B | C | 15C |

B: For tone & general
(model type : 111, 121)

V: For vol. (model type : 111, 12A)



Total resistance

| Code | Total resistance (kΩ) | Code | Total resistance (kΩ) |
|------|-----------------------|------|-----------------------|
| 502 | 5 | 503 | 50 |
| 103 | 10 | 104 | 100 |
| 203 | 20 | 204 | 200 |

Terminal Style

| Code | Terminal style |
|------|----------------|
| P | For PC board |
| L | Lead terminal |

Note

Marked are specifications recommended by Alps.

Rotary
Potentiometers

Slide
Potentiometers

Metal
Shaft

Insulated
Shaft

Knob
Operating

Ring
Type