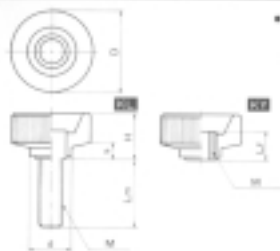


All Type of Knob

PLASTIC MINI KNOB

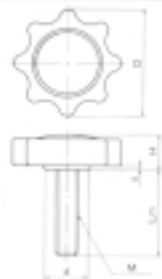


- 材質・仕上げ
ノブ：フェニール樹脂(黒)
丸：S901、黒鉛メッキ KY
軸金センター KY



| 共通寸法 | | | | | 丸(黒色) | | | KY(黒色) | | |
|------|----|---|----|----------|----------------|----|------------|----------------|----|------------|
| D | H | a | d | M | Coating Number | Ln | Weight (g) | Coating Number | Lf | Weight (g) |
| 15 | 13 | 3 | 12 | M 3x0.5 | KA-15 | 20 | 5 | KY-15 | 3 | 5 |
| 20 | 15 | 6 | 12 | M 3x0.8 | KA-20 | 25 | 8 | KY-20 | 10 | 5 |
| 25 | 18 | 7 | 13 | M 3x1 | KA-25 | 30 | 11 | KY-25 | 18 | 9 |
| 30 | 19 | 7 | 15 | M 3x1.25 | KA-30 | 35 | 15 | KY-30 | 21 | 11 |
| 35 | 19 | 7 | 18 | M 3x1.5 | KA-35 | 40 | 22 | KY-35 | 21 | 15 |
| 40 | 19 | 7 | 18 | M 3x1.5 | KA-40 | 50 | 35 | KY-40 | 21 | 15 |

PLASTIC EIGHT LOBE KNOB



- 材質・仕上げ
ノブ：ポリプロピレン(黒・赤)
丸：S901、黒鉛メッキ
- 寸法方法
丸：黒色に指定しない。(黒)KP-65B-赤



| 共通寸法 | | | | | | | | | |
|----------------|----|----|---|----|----------|----|------------|----------------|----|
| Coating Number | D | H | a | d | M | Ln | Weight (g) | Coating Number | Lf |
| KP-65A | 35 | 35 | 7 | 12 | M 3x1 | 30 | 25 | | |
| KP-65B | 35 | 35 | 7 | 12 | M 3x1.25 | 30 | 30 | | |
| KP-65C | 50 | 35 | 7 | 18 | M 3x1.5 | 40 | 40 | | |
| KP-65D | 55 | 35 | 7 | 18 | M 3x1.5 | 50 | 40 | | |
| KP-65E | 55 | 35 | 7 | 18 | M 3x1.5 | 50 | 40 | | |

PLASTIC FIVE LOBE KNOB

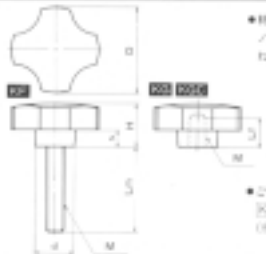


- 材質・仕上げ
ノブ：フェニール樹脂(黒)
丸：S901、黒鉛メッキ KY
軸金センター KY



| 共通寸法 | | | | | 丸(黒色) | | | KY(黒色) | | |
|------|----|----|----|----------|----------------|----|------------|----------------|----|------------|
| D | H | a | d | M | Coating Number | Ln | Weight (g) | Coating Number | Lf | Weight (g) |
| 35 | 30 | 11 | 11 | M 3x1.25 | KA-35 | 14 | 14 | KY-35 | 15 | 11 |
| 50 | 36 | 21 | 11 | M 3x1.25 | KA-50 | 12 | 45 | KY-50 | 15 | 42 |
| 65 | 44 | 25 | 16 | M 3x1.5 | KA-65 | 18 | 80 | KY-65 | 18 | 71 |
| 80 | 48 | 28 | 18 | M 3x1.5 | KA-80B | 25 | 95 | KY-80B | 25 | 95 |

PLASTIC CROSS KNOB



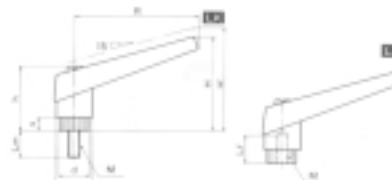
- 材質・仕上げ
ノブ：ポリプロピレン(黒・赤)
丸：S901、黒鉛メッキ KP
ポリプロピレンセンター KY
軸金センター KY



- 寸法方法
KP、KY、S901、黒鉛メッキに指定しない。(黒)KP-60-赤

| 共通寸法 | | | | | | | | | | |
|------|------|-----|----|----------|----------------|----|------------|----------------|----|------------|
| D | H | a | d | M | Coating Number | Ln | Weight (g) | Coating Number | Lf | Weight (g) |
| 25 | 15 | 6 | 11 | M 3x0.8 | KP-25 | 25 | 11 | KY-25 | 10 | 8 |
| 30 | 15.5 | 7 | 12 | M 3x1 | KP-30 | 30 | 11 | KY-30 | 10 | 8 |
| 40 | 19 | 7.5 | 18 | M 3x1.25 | KP-40 | 40 | 11 | KY-40 | 14 | 10 |
| 45 | 21 | 8 | 22 | M 3x1.5 | KP-45 | 50 | 40 | KY-45 | 14 | 10 |
| 50 | 22 | 9 | 21 | M 3x1.5 | KP-50 | 60 | 50 | KY-50 | 11 | 40 |

PLASTIC CLAMP LEVER



- 材質・仕上げ
レバー：PP(黒)PP(赤)
- 寸法方法
黒色に指定しない。赤色に指定しない。

LK-12×60

| 共通寸法 | | | | | | | | | | |
|----------------|----|----|---|----|----------|----|------------|----------------|----|------------|
| Coating Number | D | H | a | d | M | Ln | Weight (g) | Coating Number | Lf | Weight (g) |
| LK-12 | 12 | 21 | 3 | 12 | M 3x0.5 | 20 | 5 | | | |
| LK-15 | 15 | 21 | 3 | 12 | M 3x0.8 | 20 | 8 | | | |
| LK-18 | 18 | 21 | 3 | 13 | M 3x1 | 20 | 11 | | | |
| LK-20 | 20 | 21 | 3 | 15 | M 3x1.25 | 20 | 15 | | | |
| LK-25 | 25 | 21 | 3 | 18 | M 3x1.5 | 20 | 22 | | | |
| LK-30 | 30 | 21 | 3 | 18 | M 3x1.5 | 20 | 25 | | | |

| 共通寸法 | | | | | | | | | | |
|----------------|----|----|---|----|----------|----|------------|----------------|----|------------|
| Coating Number | D | H | a | d | M | Ln | Weight (g) | Coating Number | Lf | Weight (g) |
| LF-1 | 12 | 11 | 3 | 12 | M 3x0.5 | 20 | 5 | | | |
| LF-1.5 | 15 | 11 | 3 | 12 | M 3x0.8 | 20 | 8 | | | |
| LF-2 | 18 | 11 | 3 | 13 | M 3x1 | 20 | 11 | | | |
| LF-2.5 | 20 | 11 | 3 | 15 | M 3x1.25 | 20 | 15 | | | |
| LF-3 | 25 | 11 | 3 | 18 | M 3x1.5 | 20 | 22 | | | |
| LF-4 | 30 | 11 | 3 | 18 | M 3x1.5 | 20 | 25 | | | |

SUPER KNOB

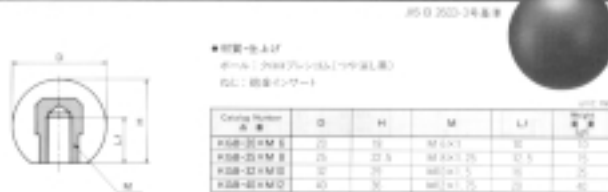


- 材質・仕上げ
ノブ：ポリプロピレン(黒・赤)
- 寸法方法
丸：黒色に指定しない。(黒)KP-65B-赤

- 寸法方法
丸：黒色に指定しない。(黒)KP-65B-赤

| 共通寸法 | | | | | | | | | | |
|----------------|----|----|---|----|---------|----|------------|----------------|----|------------|
| Coating Number | D | H | a | d | M | Ln | Weight (g) | Coating Number | Lf | Weight (g) |
| SK-35 | 35 | 35 | 7 | 12 | M 3x1 | 30 | 25 | | | |
| SK-50 | 50 | 35 | 7 | 18 | M 3x1.5 | 40 | 40 | | | |
| SK-65 | 65 | 44 | 7 | 18 | M 3x1.5 | 50 | 40 | | | |
| SK-80 | 80 | 48 | 7 | 18 | M 3x1.5 | 50 | 40 | | | |

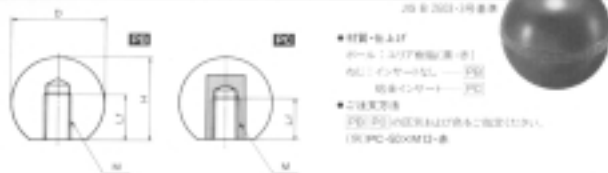
GUM BALL KNOB



- 材質・仕上げ
丸：S901、黒鉛メッキ KY

| 共通寸法 | | | | | | | | | | |
|----------------|----|----|---|----|----------|----|------------|----------------|----|------------|
| Coating Number | D | H | a | d | M | Ln | Weight (g) | Coating Number | Lf | Weight (g) |
| KKB-25M E | 25 | 15 | 6 | 11 | M 3x1 | 20 | 11 | | | |
| KKB-25M B | 25 | 15 | 6 | 11 | M 3x1.25 | 20 | 11 | | | |
| KKB-30M B | 30 | 15 | 6 | 12 | M 3x1.5 | 20 | 11 | | | |
| KKB-35M B | 35 | 15 | 6 | 12 | M 3x1.5 | 20 | 11 | | | |

PLASTIC BALL KNOB

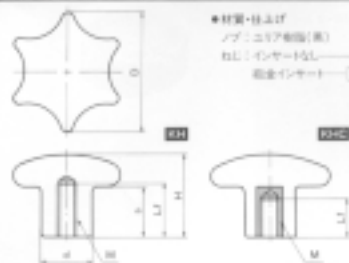


- 材質・仕上げ
丸：S901、黒鉛メッキ KY

- 寸法方法
丸：黒色に指定しない。(黒)PC-60M B-赤

| 共通寸法 | | | | | | | | | | |
|------|------|-----|----|----------|----------------|----|------------|----------------|----|------------|
| D | H | a | d | M | Coating Number | Ln | Weight (g) | Coating Number | Lf | Weight (g) |
| 25 | 15 | 6 | 11 | M 3x1 | PC-25M E | 20 | 11 | PC-25M B | 11 | 11 |
| 30 | 15.5 | 7 | 12 | M 3x1.25 | PC-30M E | 20 | 11 | PC-30M B | 11 | 11 |
| 40 | 19 | 7.5 | 18 | M 3x1.5 | PC-40M E | 20 | 11 | PC-40M B | 11 | 11 |
| 45 | 21 | 8 | 22 | M 3x1.5 | PC-45M E | 20 | 11 | PC-45M B | 11 | 11 |
| 50 | 22 | 9 | 21 | M 3x1.5 | PC-50M E | 20 | 11 | PC-50M B | 11 | 11 |

PLASTIC STAR KNOB



●材質・仕上り
 プ: エポキシ樹脂(黒)
 色: カラーP&L (R1)
 電鍍インサート (R2)



| 品名・寸法 | | | | | | KH(カラーP&L) | | | | KH(カラーP&L) | | | |
|-------|----|----|----|---------|------------|-----------------|----|------------|-----------------|------------|------------|-----------------|----|
| D | H | A | a | M | Weight (g) | Ordering Number | L1 | Weight (g) | Ordering Number | L1 | Weight (g) | Ordering Number | L1 |
| 47 | 32 | 20 | 20 | M3×1.75 | 25 | KH-47 | 25 | 25 | KH-47 | 25 | 30 | KH-47 | 25 |
| 60 | 41 | 25 | 25 | M3×1.75 | 35 | KH-60 | 25 | 50 | KH-60 | 20 | 50 | KH-60 | 20 |
| 77 | 58 | 30 | 30 | M3×1.75 | 50 | KH-77 | 30 | 80 | KH-77 | 20 | 80 | KH-77 | 20 |

SIX LOBE KNOB



●材質・仕上り
 F02
 70-スリット



| 品名・寸法 | | | | | | KH(F02) | | | | KH(カラーP&L) | | | |
|-------|----|----|----|----|------------|-----------------|-----|----|-----------------|------------|----|-----------------|---------|
| D | H | A | a | M | Weight (g) | Ordering Number | C | L1 | Ordering Number | M | L1 | Ordering Number | M |
| 30 | 22 | 11 | 13 | M3 | 10 | KK-30 | 1.5 | 10 | KK7-30 | M3×1 | 10 | KK7-30 | M3×1 |
| 40 | 25 | 15 | 15 | M3 | 15 | KK-40 | 1.5 | 10 | KK7-40 | M3×1.25 | 14 | KK7-40 | M3×1.25 |
| 50 | 30 | 20 | 20 | M3 | 20 | KK-50 | 1 | 10 | KK7-50 | M3×1.5 | 18 | KK7-50 | M3×1.5 |
| 60 | 40 | 25 | 25 | M3 | 30 | KK-60 | 1 | 10 | KK7-60 | M3×1.5 | 22 | KK7-60 | M3×1.5 |
| 80 | 50 | 30 | 30 | M3 | 50 | KK-80 | 1 | 10 | KK7-80 | M3×1.75 | 30 | KK7-80 | M3×1.75 |

ALUMINUM HAND KNOB GM328



●材質・仕上り
 74-12%合金・研磨

| Ordering Number | D | H | A | a | M | L1 | Weight (g) |
|-----------------|----|----|------|----|---------|----|------------|
| KAN-40XM 8 | 40 | 26 | 12.5 | 15 | M3×1.25 | 15 | 25 |
| KAN-50XM 8 | 50 | 35 | 15 | 18 | M3×1.5 | 18 | 30 |
| KAN-60XM 8 | 60 | 43 | 20 | 20 | M3×1.75 | 20 | 35 |
| KAN-80XM 8 | 70 | 60 | 23 | 25 | M3×2 | 25 | 100 |

STEEL REVOLVING GRIP



●材質・仕上り
 S351
 70-スリット

| Ordering Number | D | a | W | H | h | A | M | L1 | Weight (g) |
|-----------------|----|----|----|----|-----|----|---------|----|------------|
| SGR-8 | 15 | 10 | 8 | 14 | 45 | 0 | M3×1 | 11 | 45 |
| SGR-9 | 20 | 10 | 10 | 17 | 58 | 3 | M3×1.25 | 15 | 50 |
| SGR-10 | 25 | 10 | 12 | 20 | 75 | 12 | M3×1.5 | 18 | 80 |
| SGR-12 | 30 | 20 | 17 | 25 | 94 | 13 | M3×1.75 | 20 | 100 |
| SGR-15 | 35 | 20 | 20 | 30 | 126 | 14 | M3×2 | 22 | 125 |

STEEL GRIP



●材質・仕上り
 S351
 70-スリット

| Ordering Number | D | a | W | H | h | A | M | L1 | Weight (g) |
|-----------------|----|----|----|----|----|---------|----|-----|------------|
| SGP-8 | 15 | 7 | 30 | 20 | 4 | M3×1 | 11 | 25 | |
| SGP-9 | 15 | 9 | 40 | 20 | 5 | M3×1.25 | 11 | 25 | |
| SGP-10 | 15 | 10 | 50 | 20 | 7 | M3×1 | 11 | 45 | |
| SGP-8 | 20 | 12 | 34 | 26 | 2 | M3×1.25 | 15 | 50 | |
| SGP-10 | 25 | 15 | 40 | 30 | 3 | M3×1.5 | 18 | 80 | |
| SGP-12 | 30 | 20 | 50 | 37 | 5 | M3×1.75 | 20 | 100 | |
| SGP-15 | 35 | 22 | 70 | 46 | 14 | M3×2 | 22 | 150 | |

REVOLVING GRIP GM340



●六角穴の位置関係は右図の穴の方式を採用。
 ●材質・仕上り
 プ: プラスチック樹脂(黒)
 色: S&ML 黒色のみ



| Ordering Number | D | A | a | H | h | A | M | L1 | Weight (g) |
|-----------------|----|----|----|-------|-----|-----|---------|----|------------|
| GRP-10XM 8 | 18 | 8 | 10 | 42.5 | 40 | 2.5 | M3×1 | 12 | 35 |
| GRP-11XM 8 | 21 | 11 | 10 | 52.5 | 50 | 2.5 | M3×1 | 13 | 42 |
| GRP-12XM 8 | 22 | 8 | 10 | 58.5 | 56 | 2.5 | M3×1.25 | 13 | 47 |
| GRP-13XM 8 | 23 | 8 | 10 | 67.5 | 64 | 2.5 | M3×1.25 | 14 | 48 |
| GRP-15XM 8 | 25 | 21 | 10 | 80.5 | 80 | 2.5 | M3×1.5 | 16 | 100 |
| GRP-16XM 8 | 28 | 22 | 10 | 90.5 | 88 | 2.5 | M3×1.5 | 18 | 125 |
| GRP-17XM 8 | 27 | 25 | 10 | 100.5 | 100 | 2.5 | M3×1.75 | 20 | 125 |

GUM BALL REVOLVING GRIP



●材質・仕上り
 プ: プラスチック樹脂(黒色)
 色: S&ML 70-スリット



| Ordering Number | D | a | A | H | h | A | M | L1 | Weight (g) |
|-----------------|------|------|----|----|------|---|---------|----|------------|
| GBR-8 | 28 | 14 | 10 | 30 | 45.5 | 0 | M3×1 | 13 | 25 |
| GBR-9 | 25.5 | 17.8 | 10 | 30 | 46.5 | 0 | M3×1.25 | 15 | 40 |
| GBR-10 | 40 | 22.5 | 16 | 14 | 70 | 0 | M3×1.5 | 18 | 95 |

PLASTIC STRAIGHT REVOLVING GRIP

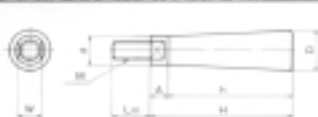


●材質・仕上り
 プ: プラスチック樹脂(黒)
 色: S&ML カラーのみ



| Ordering Number | D | a | H | M | L1 | Weight (g) |
|-----------------|----|----|----|---------|----|------------|
| HR-5 | 18 | 11 | 30 | M3×1.25 | 11 | 25 |
| HR-6 | 18 | 15 | 45 | M3×1 | 13 | 30 |
| HR-8 | 24 | 17 | 60 | M3×1.25 | 15 | 50 |
| HR-10 | 28 | 20 | 90 | M3×1.5 | 20 | 100 |

PLASTIC TAPER REVOLVING GRIP

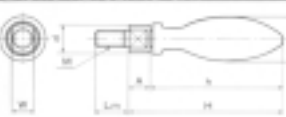


●材質・仕上り
 プ: プラスチック樹脂(黒)
 色: S&ML 黒色のみ



| Ordering Number | D | a | W | H | h | A | M | L1 | Weight (g) |
|-----------------|----|----|----|----|----|---------|----|-----|------------|
| TRP-8 | 18 | 10 | 10 | 43 | 41 | M3×1 | 13 | 30 | |
| TRP-9 | 20 | 13 | 10 | 50 | 48 | M3×1.25 | 17 | 40 | |
| TRP-10 | 25 | 14 | 10 | 60 | 58 | M3×1.5 | 20 | 100 | |
| TRP-12 | 27 | 20 | 17 | 80 | 73 | M3×1.75 | 22 | 150 | |

PLASTIC REVOLVING GRIP



●材質・仕上り
 プ: プラスチック樹脂(黒)
 色: S&ML 70-スリット



| Ordering Number | D | a | W | H | h | A | M | L1 | Weight (g) |
|-----------------|----|----|----|-----|----|---------|----|-----|------------|
| PRP-8 | 18 | 10 | 8 | 58 | 40 | M3×1 | 11 | 25 | |
| PRP-9 | 20 | 13 | 10 | 67 | 58 | M3×1.25 | 15 | 30 | |
| PRP-10 | 25 | 16 | 10 | 80 | 70 | M3×1.5 | 18 | 50 | |
| PRP-12 | 30 | 20 | 17 | 100 | 94 | M3×1.75 | 22 | 100 | |

