

# Small 3-lobe knob



## VTLF Black polyamide with brass insert

- Operating element
- Materials:

Black polyamide  
Brass insert

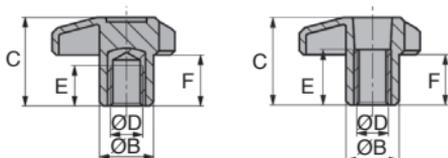
### Advantages

- Highly resistant, increased tightening force
- Suitable for all hand sizes
- Can be used outside

Improved tightening



Brass insert



Blind tapped brass insert



Through tapped brass insert

### DISCOUNTS

| Qty   | 1+   | 10+ | 20+  | 50+  | 100+ | 200+       |
|-------|------|-----|------|------|------|------------|
| Disc. | List | -5% | -10% | -15% | -20% | On request |

| Part number                        | ØD  | ØA | ØB | C  | F  | E  | Weight (g) | Stock* | Price each 1 to 9 |
|------------------------------------|-----|----|----|----|----|----|------------|--------|-------------------|
| <b>Blind tapped brass insert</b>   |     |    |    |    |    |    |            |        |                   |
| VTLFB6-45                          | M6  | 45 | 18 | 27 | 16 | 14 | 13,8       | ✓      | 3,01 €            |
| VTLFB8-45                          | M8  | 45 | 18 | 27 | 16 | 14 | 15,6       | ✓      | 3,13 €            |
| VTLFB10-45                         | M10 | 45 | 18 | 27 | 16 | 14 | 17,2       | -      | 3,47 €            |
| VTLFB8-55                          | M8  | 55 | 20 | 33 | 19 | 14 | 22,8       | -      | 3,51 €            |
| VTLFB10-55                         | M10 | 55 | 20 | 33 | 19 | 14 | 23,4       | ✓      | 3,86 €            |
| VTLFB12-55                         | M12 | 55 | 20 | 33 | 19 | 14 | 25,6       | ✓      | 4,14 €            |
| <b>Through tapped brass insert</b> |     |    |    |    |    |    |            |        |                   |
| VTLF6-45                           | M6  | 45 | 18 | 27 | 16 | 14 | 12,4       | -      | 3,51 €            |
| VTLF8-45                           | M8  | 45 | 18 | 27 | 16 | 14 | 13,2       | ✓      | 3,47 €            |
| VTLF10-45                          | M10 | 45 | 18 | 27 | 16 | 14 | 13,2       | ✓      | 3,81 €            |
| VTLF8-55                           | M8  | 55 | 20 | 33 | 19 | 14 | 18,2       | -      | 3,81 €            |
| VTLF10-55                          | M10 | 55 | 20 | 33 | 19 | 14 | 19,2       | ✓      | 3,93 €            |
| VTLF12-55                          | M12 | 55 | 20 | 33 | 19 | 14 | 19,8       | ✓      | 4,31 €            |

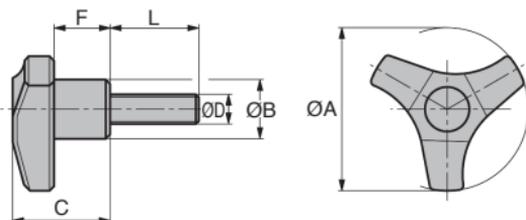
\*Depending on availability - Dimensions in mm

**Improved tightening**

- Operating element
- Materials:  
Black polyamide, matt surface finish  
Chromed steel thread

### Advantages

- Highly resistant, increased tightening force
- Suitable for all hand sizes



### DISCOUNTS

| Qty   | 1+   | 10+ | 20+  | 50+  | 100+ | 200+       |
|-------|------|-----|------|------|------|------------|
| Disc. | List | -5% | -10% | -15% | -20% | On request |

| Part number  | ØD  | ØA | ØB | C  | F  | L  | Weight (g) | Stock* | Price each 1 to 9 |
|--------------|-----|----|----|----|----|----|------------|--------|-------------------|
|              |     |    |    |    |    |    |            |        |                   |
| VTLM6-15-45  | M6  | 45 | 18 | 27 | 16 | 15 | 15,4       | ✓      | 2,20 €            |
| VTLM6-20-45  | M6  | 45 | 18 | 27 | 16 | 20 | 16,4       | ✓      | 2,20 €            |
| VTLM6-25-45  | M6  | 45 | 18 | 27 | 16 | 25 | 17,0       | -      | 2,29 €            |
| VTLM6-30-45  | M6  | 45 | 18 | 27 | 16 | 30 | 17,4       | -      | 2,29 €            |
| VTLM6-40-45  | M6  | 45 | 18 | 27 | 16 | 40 | 20,0       | ✓      | 2,29 €            |
| VTLM8-15-45  | M8  | 45 | 18 | 27 | 16 | 15 | 19,0       | -      | 2,29 €            |
| VTLM8-20-45  | M8  | 45 | 18 | 27 | 16 | 20 | 20,2       | -      | 2,46 €            |
| VTLM8-30-45  | M8  | 45 | 18 | 27 | 16 | 30 | 23,6       | ✓      | 2,46 €            |
| VTLM8-40-45  | M8  | 45 | 18 | 27 | 16 | 40 | 27,0       | -      | 2,51 €            |
| VTLM10-20-45 | M10 | 45 | 18 | 27 | 16 | 20 | 30,0       | -      | 2,55 €            |
| VTLM10-30-45 | M10 | 45 | 18 | 27 | 16 | 30 | 35,0       | -      | 2,68 €            |
| VTLM6-20-55  | M6  | 55 | 20 | 33 | 19 | 20 | 22,8       | -      | 2,51 €            |
| VTLM6-25-55  | M6  | 55 | 20 | 33 | 19 | 25 | 23,6       | -      | 2,59 €            |
| VTLM6-40-55  | M6  | 55 | 20 | 33 | 19 | 40 | 26,8       | -      | 2,59 €            |
| VTLM8-20-55  | M8  | 55 | 20 | 33 | 19 | 20 | 27,2       | -      | 2,59 €            |
| VTLM8-30-55  | M8  | 55 | 20 | 33 | 19 | 30 | 30,0       | -      | 2,59 €            |
| VTLM8-40-55  | M8  | 55 | 20 | 33 | 19 | 40 | 33,4       | ✓      | 2,68 €            |
| VTLM10-15-55 | M10 | 55 | 20 | 33 | 19 | 15 | 32,0       | -      | 2,86 €            |
| VTLM10-20-55 | M10 | 55 | 20 | 33 | 19 | 20 | 36,4       | -      | 2,86 €            |
| VTLM10-30-55 | M10 | 55 | 20 | 33 | 19 | 30 | 42,0       | -      | 2,93 €            |

\*Depending on availability - Dimensions in mm

# 3-lobe knob



## VTLB

## Thermoplastic

- **Operating element**
- Insert with tapped through hole
- Working T° range -30°C to +130°C
- **Materials**

Black polyamide PA6 glass fiber reinforced  
Brass or stainless steel 303 insert

**Strong tightening**

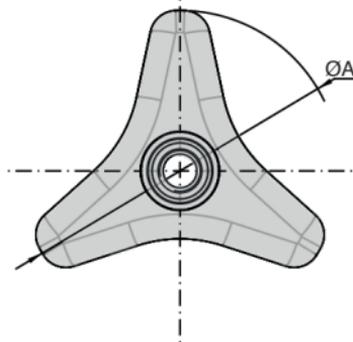
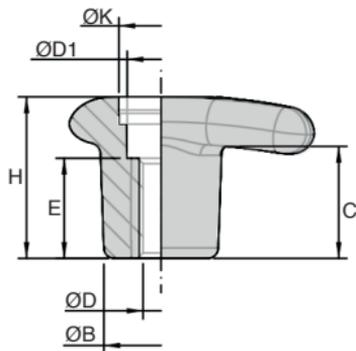
from 63 mm

to 100 mm

**Big diameter**

### Advantages

Handwheel size up to 100mm diameter provides excellent grip and clamping force



### DISCOUNTS

| Qty   | 1+   | 10+ | 20+  | 50+  | 100+       |
|-------|------|-----|------|------|------------|
| Disc. | List | -5% | -10% | -15% | On request |

| Part number  |                        |     |    |    |     |      |    |      |     |            | Price each 1 to 9 |                 |
|--------------|------------------------|-----|----|----|-----|------|----|------|-----|------------|-------------------|-----------------|
| Brass insert | Stainless steel insert | ØA  | ØB | C  | ØD  | E    | H  | ØD1  | ØK  | Weight (g) | Brass             | Stainless steel |
| VTLB8-63     | VTLB8-63/SS            | 63  | 21 | 21 | M8  | 18,5 | 30 | 12,5 | Ø15 | 30         | 7,48 €            | 13,34 €         |
| VTLB10-63    | -                      | 63  | 21 | 21 | M10 | 18,5 | 30 | 12,5 | Ø15 | 34         | 7,74 €            | -               |
| VTLB10-80    | VTLB10-80/SS           | 80  | 26 | 23 | M10 | 25   | 35 | 13   | Ø20 | 59         | 9,11 €            | 13,62 €         |
| VTLB12-80    | -                      | 80  | 26 | 23 | M12 | 25   | 35 | 13   | Ø20 | 61         | 9,88 €            | -               |
| VTLB12-100   | VTLB12-100/SS          | 100 | 30 | 25 | M12 | 25   | 38 | 17   | Ø25 | 87         | 12,83 €           | 18,53 €         |
| VTLB14-100   | -                      | 100 | 30 | 25 | M14 | 25   | 38 | 17   | Ø25 | 89         | 13,88 €           | -               |

Dimensions in mm