

# Knurled Knobs with Pad / Knurled Knobs / Knurled Knobs

Counterbored

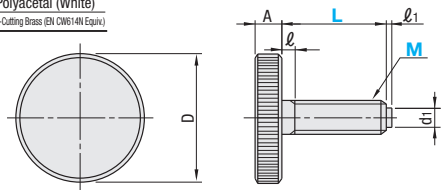
Slotted

## Knurled Knobs with Pad



| Type  | Material         | Body Surface Treatment                | Pad Material       |
|-------|------------------|---------------------------------------|--------------------|
| NOOSP | EN 1.4305 Equiv. | Brushed Finish                        | Polyacetal (White) |
| NOOSC | EN 1.4305 Equiv. | Free-Cutting Brass (EN CW614N Equiv.) |                    |

NOOSP  
NOOSC



| Part Number                 |            | Unit Price |    |    |    |    |     |    |
|-----------------------------|------------|------------|----|----|----|----|-----|----|
| Type                        | M (Coarse) | L          |    |    |    |    | A   | D  |
| Polyacetal<br>NOOSP         | 3          | 6          | 10 |    |    |    | 2.5 | 12 |
|                             | 4          | 6          | 10 | 16 |    |    | 3.5 | 16 |
|                             | 5          | 10         | 16 | 20 |    |    | 4   | 20 |
|                             | 6          | 10         | 16 | 20 | 25 | 30 | 5   | 24 |
|                             | 8          | 16         | 20 | 25 | 30 |    | 6   | 30 |
| Free-Cutting Brass<br>NOOSC | 10         | 20         | 25 | 30 | 40 |    | 8   | 36 |

Ordering Example  
Part Number - L  
NOOSP6 - 10

## Knurled Knobs - Counterbored



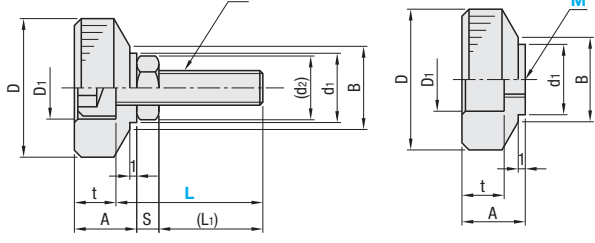
| Type   | Accessory             | Body             | Accessory Bolt Nut |
|--------|-----------------------|------------------|--------------------|
| NKOSJ  | Screw, Nut            | EN 1.4305 Equiv. | EN 1.4301 Equiv.   |
| NKOSJN | Without Screw and Nut | EN 1.4301 Equiv. | -                  |

With Screw and Nut

NKOSJ

Without Screw and Nut

NKOSJN



Length of the threaded section is changeable by replacing with a commercially-available bolt.

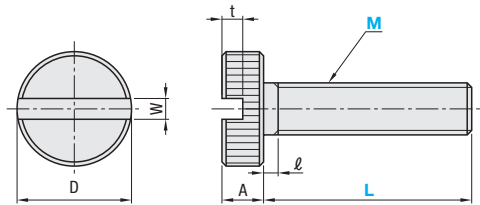
| Part Number                     |   | Unit Price                |      |    |     |    |    |      |    |     |   |
|---------------------------------|---|---------------------------|------|----|-----|----|----|------|----|-----|---|
| Type                            | M | Selectable only for NKOSJ | (L1) | D  | D1  | B  | d1 | (d2) | A  | S   | t |
| With Screw and Nut<br>NKOSJ     | 4 | 12                        | 6.6  | 16 | 7.5 | 11 | 9  | 8.1  | 8  | 2.4 | 5 |
|                                 |   | 15                        | 9.6  |    |     |    |    |      |    |     |   |
|                                 |   | 20                        | 14.6 |    |     |    |    |      |    |     |   |
|                                 |   | 25                        | 19.6 |    |     |    |    |      |    |     |   |
|                                 |   | 30                        | 24.6 |    |     |    |    |      |    |     |   |
| Without Screw and Nut<br>NKOSJN | 5 | 15                        | 8.8  | 20 | 9   | 12 | 10 | 9.2  | 9  | 3.2 | 6 |
|                                 |   | 20                        | 13.8 |    |     |    |    |      |    |     |   |
|                                 |   | 25                        | 18.8 |    |     |    |    |      |    |     |   |
|                                 |   | 30                        | 23.8 |    |     |    |    |      |    |     |   |
|                                 |   | 35                        | 28.8 |    |     |    |    |      |    |     |   |
|                                 | 6 | 15                        | 8.4  | 24 | 11  | 14 | 12 | 11.5 | 10 | 3.6 | 7 |
|                                 |   | 20                        | 13.4 |    |     |    |    |      |    |     |   |
|                                 |   | 25                        | 18.4 |    |     |    |    |      |    |     |   |
|                                 |   | 30                        | 23.4 |    |     |    |    |      |    |     |   |
|                                 |   | 35                        | 28.4 |    |     |    |    |      |    |     |   |

## Knurled Knobs - Slotted



| Type  | Material         | Surface Treatment  |
|-------|------------------|--------------------|
| NOBW  | EN 1.0718 Equiv. | Trivalent Chromate |
| NOOSW | EN 1.4305 Equiv. | Brushed Finish     |

NOBW  
NOOSW



| Part Number |            | Unit Price  |    |    |    |    |    |     |
|-------------|------------|-------------|----|----|----|----|----|-----|
| Type        | M (Coarse) | L Selection |    |    |    |    | D  | A   |
| NOBW        | 3          | 6           | 10 |    |    |    | 5  | 2.5 |
|             | 4          | 6           | 10 | 16 |    |    | 7  | 3.5 |
|             | 5          | 10          | 16 | 20 |    |    | 11 | 4   |
|             | 6          | 10          | 16 | 20 | 25 | 30 | 13 | 5   |

Ordering Example  
Part Number - L  
NKOSJ4 - 12  
NOBW3 - 10

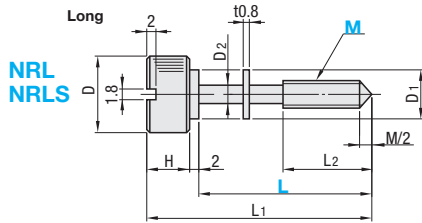
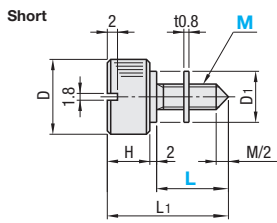
# Knurled Knob Screws / Knurled Knob Screws - SR Tip

## Knurled Knob Screws



| Type  | Material         | Surface Treatment | Accessory    |
|-------|------------------|-------------------|--------------|
| Short | EN CW614N Equiv. | Chrome Plating    | Nylon Washer |
| Long  | EN 1.4305 Equiv. | -                 |              |

NRS  
NRSS



### Short

| Part Number |            | Unit Price |    |    |    |    |          |            |
|-------------|------------|------------|----|----|----|----|----------|------------|
| Type        | M (Coarse) | L          | L1 | D  | D1 | H  | Mass (g) | Unit Price |
| NRS (Brass) | 4          | 10         | 20 | 10 | 8  | 12 | 14       |            |
|             |            | 15         | 25 |    |    | 13 | 14       |            |
|             | 5          | 10         | 20 | 15 | 8  | 14 | 15       |            |
|             |            | 15         | 25 |    |    | 15 | 16       |            |
|             | 6          | 10         | 22 | 18 | 10 | 24 | 25       |            |

Ordering Example  
Part Number - L  
NRSS - 15  
NRLS - 50

### Long

| Part Number            |            | Unit Price |    |    |    |     |    |    |          |     |      |
|------------------------|------------|------------|----|----|----|-----|----|----|----------|-----|------|
| Type                   | M (Coarse) | L          | L1 | L2 | D  | D1  | D2 | H  | Mass (g) | NRL | NRLS |
| NRL (Brass)            | 4          | 20         | 30 | 12 | 10 | 3   | 14 | 14 |          |     |      |
|                        |            | 25         | 35 |    |    |     | 14 | 14 |          |     |      |
|                        |            | 30         | 40 | 15 |    |     | 15 | 16 |          |     |      |
|                        |            | 40         | 50 |    |    |     | 16 | 17 |          |     |      |
|                        | 5          | 25         | 35 | 12 | 15 | 3.8 | 16 | 17 |          |     |      |
| NRLS (Stainless Steel) | 6          | 30         | 42 | 15 | 18 | 4.5 | 17 | 17 |          |     |      |
|                        |            | 35         | 47 |    |    |     | 17 | 17 |          |     |      |
|                        |            | 40         | 52 |    |    |     | 17 | 17 |          |     |      |
|                        |            | 50         | 62 |    |    |     | 17 | 17 |          |     |      |
|                        | 8          | 40         | 52 | 12 | 24 | 14  | 17 | 17 |          |     |      |

Alterations  
Part Number - LC - (FC)  
NRLS - LC30 - FC20  
LC is applicable to NRSS and NRLS (Stainless Steel) only.  
FC is applicable to NRLS only.

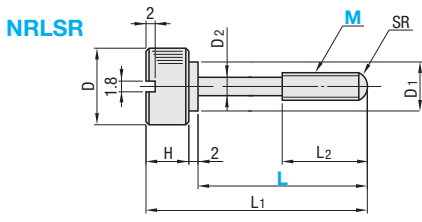
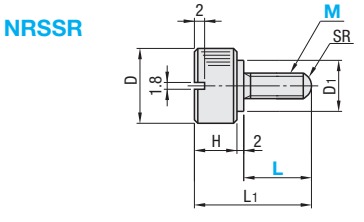
| Alteration | Code | Spec.                                                                                                                                                     |
|------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| LC         | LC   | L dimension can be specified in 1mm increment.<br>Ordering Code LC30<br>M LC<br>4 10-30<br>5 10-40<br>6 10-50<br>8 20-50<br>NRSS is applicable to M4 - 6. |

| Alteration | Code | Spec.                                                                                                                                                                  |
|------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FC         | FC   | Threads can be specified in 1mm increment.<br>Ordering Code EN-JL 1030 Equiv.<br>M≤FC≤LC-2<br>FC is only available in combination with LC.<br>Applicable to NRLS only. |

## Knurled Knob Screws - SR Tip



| Type  | Material         |
|-------|------------------|
| Short | EN 1.4305 Equiv. |
| Long  |                  |



### Short

| Part Number |            | Unit Price |    |    |    |    |          |            |
|-------------|------------|------------|----|----|----|----|----------|------------|
| Type        | M (Coarse) | L          | L1 | D  | D1 | H  | Mass (g) | Unit Price |
| NRSSR       | 4          | 10         | 20 | 10 | 8  | 12 | 14       |            |
|             |            | 15         | 25 |    |    | 13 | 14       |            |
|             | 5          | 10         | 20 | 15 | 8  | 14 | 15       |            |
|             |            | 15         | 25 |    |    | 15 | 16       |            |
|             | 6          | 10         | 22 | 18 | 10 | 24 | 25       |            |

Ordering Example  
Part Number - L  
NRSSR4 - 10  
NRLSR6 - 35

### Long

| Part Number |            | Unit Price |    |    |    |     |    |    |          |       |       |
|-------------|------------|------------|----|----|----|-----|----|----|----------|-------|-------|
| Type        | M (Coarse) | L          | L1 | L2 | D  | D1  | D2 | H  | Mass (g) | NRLSR | NRLSR |
| NRLSR       | 4          | 20         | 30 | 12 | 10 | 3   | 14 | 14 |          |       |       |
|             |            | 25         | 35 |    |    |     | 14 | 14 |          |       |       |
|             |            | 30         | 40 | 15 |    |     | 15 | 16 |          |       |       |
|             |            | 40         | 50 |    |    |     | 16 | 17 |          |       |       |
|             | 5          | 25         | 35 | 12 | 15 | 3.8 | 16 | 17 |          |       |       |
|             | 6          | 30         | 42 | 15 | 18 | 4.5 | 17 | 17 |          |       |       |
|             |            | 35         | 47 |    |    |     | 17 | 17 |          |       |       |
|             |            | 40         | 52 |    |    |     | 17 | 17 |          |       |       |
|             |            | 50         | 62 |    |    |     | 17 | 17 |          |       |       |
|             | 8          | 40         | 52 | 12 | 24 | 14  | 17 | 17 |          |       |       |