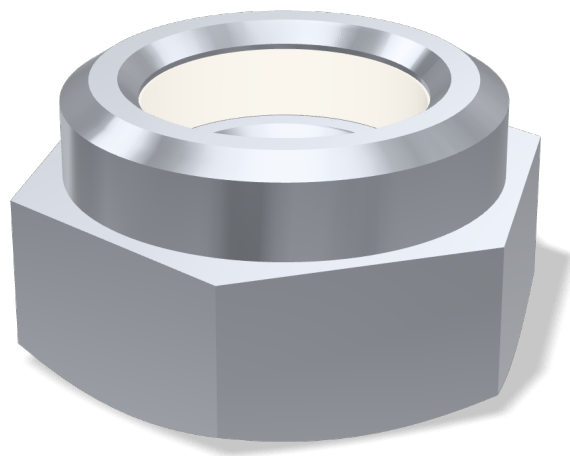


## Nylon Insert Lock Nut Thin Type DIN 985 - Steel 8 (nut), Zinc plated

Nylon Insert Lock Nut Thin Type to DIN 985, in the sizes, grades and finishes listed.



### TECHNICAL DATA

#### General

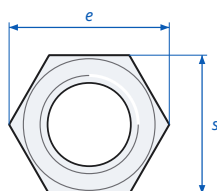
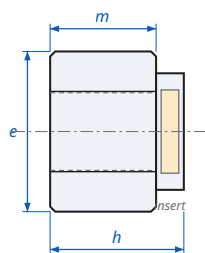
|          |         |
|----------|---------|
| Standard | DIN 985 |
|----------|---------|

#### Materials & Finish

|                        |         |
|------------------------|---------|
| Property class / grade | 8 (nut) |
|------------------------|---------|

|                |             |
|----------------|-------------|
| Material       | Steel       |
| Surface finish | Zinc plated |

### DIMENSIONS



|   |                          |
|---|--------------------------|
| s | Width across flats (WAF) |
| e | Width across corners     |
| m | Hex height               |
| h | Overall height           |

Nylon Insert Lock Nut Thin Type DIN 985 - dimensions

### AVAILABLE PART NUMBERS

| Part number   | Variant                  | Size | Thread pitch | Width across flats (s) | Width across corners (e) | Nut height (m) | Overall height (h) | Weight   |
|---------------|--------------------------|------|--------------|------------------------|--------------------------|----------------|--------------------|----------|
| FNL01C8ZC5000 | M2.5 Class 8 Zinc plated | M2.5 | 0.45 mm      | –                      | –                        | –              | –                  | –        |
| FNL01C8Z03000 | M3 Class 8 Zinc plated   | M3   | 0.5 mm       | 5.5 mm                 | 6.01 mm                  | 2.4 mm         | 4 mm               | 0.0725 g |
| FNL01C8Z04000 | M4 Class 8 Zinc plated   | M4   | 0.7 mm       | 7 mm                   | 7.66 mm                  | 2.9 mm         | 5 mm               | 0.145 g  |
| FNL01C8Z05000 | M5 Class 8 Zinc plated   | M5   | 0.8 mm       | 8 mm                   | 8.79 mm                  | 3.2 mm         | 5 mm               | 0.203 g  |



| Part number   | Variant                      | Size     | Thread pitch | Width across flats (s) | Width across corners (e) | Nut height (m) | Overall height (h) | Weight   |
|---------------|------------------------------|----------|--------------|------------------------|--------------------------|----------------|--------------------|----------|
| FNL01C8Z06000 | M6 Class 8 Zinc plated       | M6       | 1 mm         | 10 mm                  | 11.05 mm                 | 4 mm           | 6 mm               | 0.348 g  |
| FNL01C8Z07000 | M7 Class 8 Zinc plated       | M7       | 1 mm         | 11 mm                  | 12.12 mm                 | 4.7 mm         | 7.5 mm             | 0.435 g  |
| FNL01C8Z08000 | M8 Class 8 Zinc plated       | M8       | 1.25 mm      | 13 mm                  | 14.38 mm                 | 5.5 mm         | 8 mm               | 0.7395 g |
| FNL01C8ZL6000 | M8x1 Class 8 Zinc plated     | M8x1     | 1 mm         | 13 mm                  | 14.38 mm                 | 5.5 mm         | 8 mm               | 0.7395 g |
| FNL01C8Z10000 | M10 Class 8 Zinc plated      | M10      | 1.5 mm       | 17 mm                  | 18.9 mm                  | 6.5 mm         | 10 mm              | 1.537 g  |
| FNL01C8ZL7000 | M10x1 Class 8 Zinc plated    | M10x1    | 1 mm         | 17 mm                  | 18.9 mm                  | 6.5 mm         | 10 mm              | 1.537 g  |
| FNL01C8ZL8000 | M10x1.25 Class 8 Zinc plated | M10x1.25 | 1.25 mm      | 17 mm                  | 18.9 mm                  | 6.5 mm         | 10 mm              | 1.537 g  |
| FNL01C8Z12000 | M12 Class 8 Zinc plated      | M12      | 1.75 mm      | 19 mm                  | 21.1 mm                  | 8 mm           | 12 mm              | 2.494 g  |
| FNL01C8ZL9000 | M12x1 Class 8 Zinc plated    | M12x1    | 1 mm         | 19 mm                  | 21.1 mm                  | 8 mm           | 12 mm              | 2.494 g  |
| FNL01C8ZN0000 | M12x1.25 Class 8 Zinc plated | M12x1.25 | 1.25 mm      | 19 mm                  | 21.1 mm                  | 8 mm           | 12 mm              | 2.494 g  |
| FNL01C8ZN1000 | M12x1.5 Class 8 Zinc plated  | M12x1.5  | 1.5 mm       | 19 mm                  | 21.1 mm                  | 8 mm           | 12 mm              | 2.494 g  |
| FNL01C8Z14000 | M14 Class 8 Zinc plated      | M14      | 2 mm         | 22 mm                  | 24.49 mm                 | 9.5 mm         | 14 mm              | 3.77 g   |
| FNL01C8ZN3000 | M14x1.5 Class 8 Zinc plated  | M14x1.5  | 1.5 mm       | 22 mm                  | 24.49 mm                 | 9.5 mm         | 14 mm              | 3.77 g   |
| FNL01C8Z16000 | M16 Class 8 Zinc plated      | M16      | 2 mm         | 24 mm                  | 26.75 mm                 | 10.5 mm        | 16 mm              | 4.93 g   |
| FNL01C8ZN6000 | M16x1.5 Class 8 Zinc plated  | M16x1.5  | 1.5 mm       | 24 mm                  | 26.75 mm                 | 10.5 mm        | 16 mm              | 4.93 g   |
| FNL01C8Z18000 | M18 Class 8 Zinc plated      | M18      | 2.5 mm       | 27 mm                  | 29.56 mm                 | 13 mm          | 18.5 mm            | 6.525 g  |
| FNL01C8ZN8000 | M18x1.5 Class 8 Zinc plated  | M18x1.5  | 1.5 mm       | 27 mm                  | 29.56 mm                 | 13 mm          | 18.5 mm            | 6.525 g  |
| FNL01C8Z20000 | M20 Class 8 Zinc plated      | M20      | 2.5 mm       | 30 mm                  | 32.95 mm                 | 14 mm          | 20 mm              | 9.425 g  |
| FNL01C8ZP1000 | M20x1.5 Class 8 Zinc plated  | M20x1.5  | 1.5 mm       | 30 mm                  | 32.95 mm                 | 14 mm          | 20 mm              | 9.425 g  |
| FNL01C8Z22000 | M22 Class 8 Zinc plated      | M22      | 2.5 mm       | 32 mm                  | 35.03 mm                 | 15 mm          | 22 mm              | 10.875 g |
| FNL01C8ZP3000 | M22x1.5 Class 8 Zinc plated  | M22x1.5  | 1.5 mm       | 32 mm                  | 35.03 mm                 | 15 mm          | 22 mm              | 10.875 g |
| FNL01C8Z24000 | M24 Class 8 Zinc plated      | M24      | 3 mm         | 36 mm                  | 39.55 mm                 | 15 mm          | 24 mm              | 14.5 g   |
| FNL01C8ZP5000 | M24x1.5 Class 8 Zinc plated  | M24x1.5  | 1.5 mm       | 36 mm                  | 39.55 mm                 | 15 mm          | 24 mm              | 14.5 g   |



| Part number   | Variant                     | Size    | Thread pitch | Width across flats (s) | Width across corners (e) | Nut height (m) | Overall height (h) | Weight    |
|---------------|-----------------------------|---------|--------------|------------------------|--------------------------|----------------|--------------------|-----------|
| FNL01C8ZP6000 | M24x2 Class 8 Zinc plated   | M24x2   | 2 mm         | 36 mm                  | 39.55 mm                 | 15 mm          | 24 mm              | 14.5 g    |
| FNL01C8Z27000 | M27 Class 8 Zinc plated     | M27     | 3 mm         | 41 mm                  | 45.2 mm                  | 17 mm          | 27 mm              | 23.49 g   |
| FNL01C8Z30000 | M30 Class 8 Zinc plated     | M30     | 3.5 mm       | 46 mm                  | 50.85 mm                 | 19 mm          | 30 mm              | 30.74 g   |
| FNL01C8ZP9000 | M30x1.5 Class 8 Zinc plated | M30x1.5 | 1.5 mm       | 46 mm                  | 50.85 mm                 | 19 mm          | 30 mm              | 30.74 g   |
| FNL01C8ZQ0000 | M30x2 Class 8 Zinc plated   | M30x2   | 2 mm         | 46 mm                  | 50.85 mm                 | 19 mm          | 30 mm              | 30.74 g   |
| FNL01C8Z33000 | M33 Class 8 Zinc plated     | M33     | 3.5 mm       | 50 mm                  | 55.37 mm                 | 22 mm          | 33 mm              | 45.965 g  |
| FNL01C8Z36000 | M36 Class 8 Zinc plated     | M36     | 4 mm         | 55 mm                  | 60.79 mm                 | 25 mm          | 36 mm              | 60.175 g  |
| FNL01C8ZQ6000 | M36x2 Class 8 Zinc plated   | M36x2   | 2 mm         | 55 mm                  | 60.79 mm                 | 25 mm          | 36 mm              | 60.175 g  |
| FNL01C8ZQ7000 | M36x3 Class 8 Zinc plated   | M36x3   | 3 mm         | 55 mm                  | 60.79 mm                 | 25 mm          | 36 mm              | 60.175 g  |
| FNL01C8Z39000 | M39 Class 8 Zinc plated     | M39     | 4 mm         | 60 mm                  | 66.44 mm                 | 27 mm          | 39 mm              | 72.355 g  |
| FNL01C8ZR0000 | M39x3 Class 8 Zinc plated   | M39x3   | 3 mm         | 60 mm                  | 66.44 mm                 | 27 mm          | 39 mm              | 72.355 g  |
| FNL01C8Z42000 | M42 Class 8 Zinc plated     | M42     | 4.5 mm       | 65 mm                  | 72.09 mm                 | 29 mm          | 42 mm              | 91.06 g   |
| FNL01C8ZR2000 | M42x3 Class 8 Zinc plated   | M42x3   | 3 mm         | 65 mm                  | 72.09 mm                 | 29 mm          | 42 mm              | 91.06 g   |
| FNL01C8Z45000 | M45 Class 8 Zinc plated     | M45     | 4.5 mm       | 70 mm                  | 76.95 mm                 | 32 mm          | 45 mm              | 111.795 g |
| FNL01C8Z48000 | M48 Class 8 Zinc plated     | M48     | 5 mm         | 75 mm                  | 82.6 mm                  | 36 mm          | 48 mm              | 144.71 g  |
| FNL01C8ZR7000 | M48x3 Class 8 Zinc plated   | M48x3   | 3 mm         | 75 mm                  | 82.6 mm                  | 36 mm          | 48 mm              | 144.71 g  |

Part numbers: 43

## STANDARDS & CERTIFICATES

### Standards

**DIN 985** – Nylon Insert Lock Nut Thin Type

