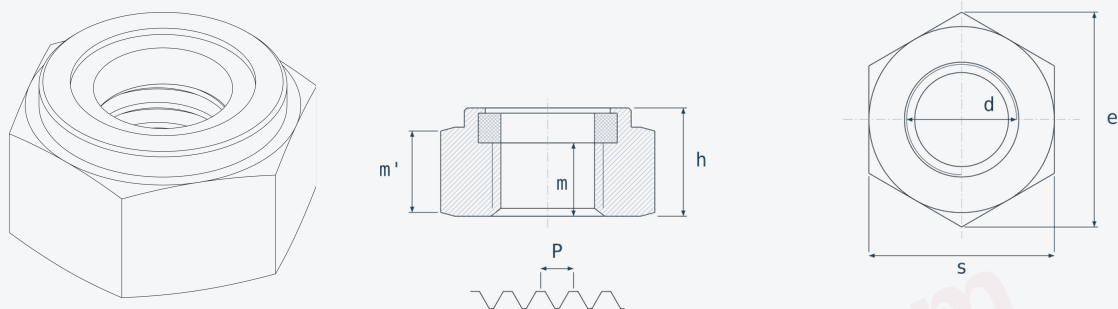


# DIN 985 Nylon Insert Lock Nut



## STANDARD

DIN 985 Nylon Insert Lock Nut · withdrawn

## THREAD

ISO metric coarse pitch

## SIZES

M3 - M48

## MATERIAL

Stainless Steel, Carbon Steel

## PROPERTY CLASS

A2-70, A4-80 (ISO 3506-2) · 04, 05, 8, 10 (ISO 898-2)

## SURFACE

Passivated, Plain, Zinc Plated, Hot Dip Galvanized, Dacromet, Blackened, Phosphate

DIN 985 is a withdrawn legacy standard; the current standard for this product is ISO 10511. This sheet follows DIN 985. The two can differ in some dimensions; our website compares them size by size.

## BASIS OF SPECIFICATION

### DIMENSIONS

DIN 985:1987-05

### CARBON STEEL / ALLOY STEEL

ISO 898-2:2022

### STAINLESS STEEL

ISO 3506-2:2020

## DIMENSIONS

mm · DIN 985

| d   | P    | s <sub>max</sub> | e <sub>min</sub> | h    | Approx. Mass | d   | P   | s <sub>max</sub> | e <sub>min</sub> | h  | Approx. Mass |
|-----|------|------------------|------------------|------|--------------|-----|-----|------------------|------------------|----|--------------|
| M3  | 0.5  | 5.5              | 6.01             | 4    | 0.5          | M20 | 2.5 | 30               | 32.95            | 20 | 65           |
| M4  | 0.7  | 7                | 7.66             | 5    | 1            | M22 | 2.5 | 32               | 35.03            | 22 | 75           |
| M5  | 0.8  | 8                | 8.79             | 5    | 1.4          | M24 | 3   | 36               | 39.55            | 24 | 100          |
| M6  | 1    | 10               | 11.05            | 6    | 2.4          | M27 | 3   | 41               | 45.2             | 27 | 162          |
| M7  | 1    | 11               | 12.12            | 7.5  | 3            | M30 | 3.5 | 46               | 50.85            | 30 | 212          |
| M8  | 1.25 | 13               | 14.38            | 8    | 5.1          | M33 | 3.5 | 50               | 55.37            | 33 | 317          |
| M10 | 1.5  | 17               | 18.9             | 10   | 10.6         | M36 | 4   | 55               | 60.79            | 36 | 415          |
| M12 | 1.75 | 19               | 21.1             | 12   | 17.2         | M39 | 4   | 60               | 66.44            | 39 | 499          |
| M14 | 2    | 22               | 24.49            | 14   | 26           | M42 | 4.5 | 65               | 72.09            | 42 | 628          |
| M16 | 2    | 24               | 26.75            | 16   | 34           | M45 | 4.5 | 70               | 76.95            | 45 | 771          |
| M18 | 2.5  | 27               | 29.56            | 18.5 | 45           | M48 | 5   | 75               | 82.6             | 48 | 998          |

P thread pitch    s width across flats    e width across corners    h nut height

## MECHANICAL PROPERTIES

ISO 3506-2

| Class | Governing property                                  |
|-------|-----------------------------------------------------|
| A2-70 | Proof load - no tensile strength specified for nuts |
| A4-80 | Proof load - no tensile strength specified for nuts |

## MECHANICAL PROPERTIES

ISO 898-2

| Class | Governing property                                  |
|-------|-----------------------------------------------------|
| 04    | Proof load - no tensile strength specified for nuts |
| 05    | Proof load - no tensile strength specified for nuts |
| 8     | Proof load - no tensile strength specified for nuts |
| 10    | Proof load - no tensile strength specified for nuts |

## MARKING

**Carbon steel / Alloy steel:** head marking to ISO 898-2:2022.

**Stainless steel:** head marking to ISO 3506-2:2020.

Marking requirements are set by the material standard named above.

Confirm the ordered property class before production.

## DOCUMENTS

EN 10204 3.1 material certificate, dimensional inspection report and mechanical test report, on request.