

## Seal washers in Hygienic DESIGN

### Item description/product images



### Description

**Product description:**

The thermoplastic seal washer in Hygienic DESIGN was specially developed for use in combination with the hex head bolt K1647 or hex nut K1648. Special emphasis has been placed on the cleaning-optimised geometry and a surface finish of  $Ra \leq 0.8 \mu\text{m}$ .

The seal washers are made from an EU10/2011 and FDA conform plastic granulate.

**Material:**

EU10/2011 and FDA conform thermoplastic (POM).

**Version:**

RAL5002 - Ultramarine blue (POM).

**Note:**

Sealing ring is unsuitable for acidic cleaning ( $\text{pH} < 4$ ) and oxidising agents.

**Temperature range:**

-20 °C to +100 °C (POM).

**Advantages:**

Foodstuff conform material.

Cleaning optimised geometry.

**On request:**

Special versions.

**Attention:**

The suitability of the Hygienic DESIGN fasteners for the respective application must be checked by the user. Depending on the loads and external influences (temperature, cleaning media, product media), the sealing washer should be inspected regularly and replaced if necessary.

**Supplied with:**

Seal washer.

**Accessory:**

Stainless steel hex head bolt with seal washer K1647.

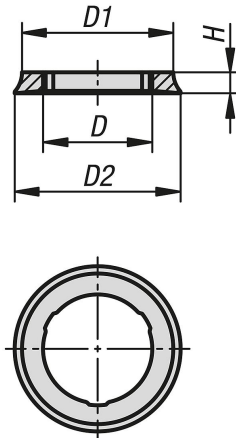
Stainless steel hex nut with seal washer K1648.

**Threaded version:**

M4 - M16.

## Seal washers in Hygienic DESIGN

### Drawings



### Overview of items

#### Seal washers in Hygienic DESIGN

Order No.	D	D1	D2	H	G=thread / for thread
K1649.104	6	10	11,25	2	M4
K1649.105	8	12	13,25	2	M5
K1649.106	9	14	15,74	2,5	M6
K1649.108	13	18	19,74	2,5	M8
K1649.110	17	22	23,74	2,5	M10
K1649.112	20	26	28,25	3	M12
K1649.116	29	35	37,25	3	M16