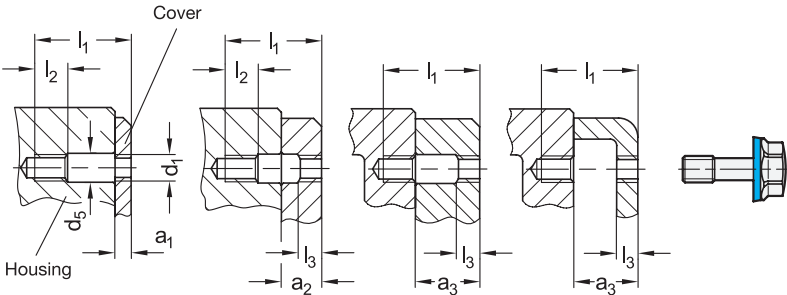




Assembly options



1

2

d ₁	l ₁	a ₁	a ₂	a ₃	d ₂	d ₃	d ₄	d ₅	k	l ₂	l ₃	A/F
M 5	20	2,5-6	6-10,5	10,5-14	11	11,8	4	5,5	7	6	2,5	8
M 5	25	6-11	11-14	14-19	11	11,8	4	5,5	7	6	2,5	8
M 6	25	3-7	7-13	13-17	13	13,8	4,8	6,5	7,5	8	3	10
M 6	30	7-12	12-17	17-22	13	13,8	4,8	6,5	7,5	8	3	10
M 8	30	4-8	8-16	16-20	16	16,8	6,5	8,5	8,5	10	4	13
M 8	40	8-18	18-25	25-30	16	16,8	6,5	8,5	8,5	10	4	13
M 10	40	5-14	14-19	19-28	19	19,8	8,2	10,5	9,5	12	5	16
M 10	50	14-24	24-28	28-38	19	19,8	8,2	10,5	9,5	12	5	16

5 Identification no.

1 Without additional lock washer

Specification

3

4

• Stainless steel AISI 316L

- Matte finish (Ra < 0.8 µm)

MT

- Polished (Ra < 0.8 µm)

PL

• Sealing ring

- H-NBR

H

- EPDM

E

- Blue

- Hardness 85 ±5 Shore A

- FDA compliant

• EHEDG Principles → Page XYZ

• Plastic Characteristics → Page QVX

• Stainless Steel Characteristics → Page QVX

• RoHS

Information

Screws GN 1582 with low-profile head are certified according to EHEDG guidelines and therefore ideal for use in hygienic areas. Due to the d₄ recessed stud, they are easily secured against loss, such as in a cover. Thus the „captivity of the mounting element“ according to the Machinery Directive 2006 / 42 / EG is given.

When using, instead of a typical tapped and bore hole, it is necessary to provide tapped bores with a thread d₁ on each of the two elements to be assembled. Additionally, a clearance bore of d₅ on one or both sides must be cut. Depending on the design and required clamping length a₁ ... a₃ of the component being attached, there are a number of assembly options as shown above. Alternatively, securing can also be achieved by an additional lock washer mounted on the thin shank d₄.

Accessory

• Sealing rings GN 7600 → Page QVX

On request

• with FKM sealing ring (Fluorine rubber) F

How to order

1 d₁

2 l₁

3 Finish

4 Material (sealing ring)

5 Identification no.

GN 1582-M10-50-PL-H-1