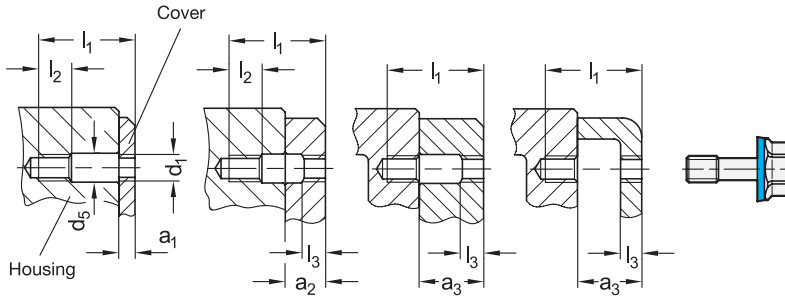


Assembly options



5 Identification no.

- 1 Without additional lock washer

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

Specification

Screw

Stainless steel AISI 316

- Matte finish (Ra < 0.8 µm)
- Polished finish (Ra < 0.8 µm)

MT
PL

Sealing ring

- HNBR
- Operating temperature -25 °C to +150 °C
- EPDM
- Operating temperature -40 °C to +120 °C
- FKM
- Operating temperature -5 °C to +200 °C
- FDA compliant material
- Blue
- Hardness 85±5 Shore A

H
E
F

RoHS

Accessory

- GN 7600 Sealing Rings QVX
- GN 3124 Sockets QVX

Screws GN 1582 with low-profile head are certified according to EHEDG guidelines and therefore ideal for use in hygienic areas. They are used, for example, to fasten machine covers. The shank d₄ provides simple loss prevention. Thus the „captive of the mounting element“ according to the Machinery Directive 2006 / 42 / EG is given.

Instead of a through-hole, this requires a second thread d₅, potentially with a corresponding clearance bore d₃. 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.

Technical Information

	Page
Product Family Hygienic Design	QVX
Plastic Characteristics	QVX
Stainless Steel Characteristics	QVX

How to order

1	d ₁
2	l ₁
3	Finish
4	Material (Sealing ring)
5	Identification no.

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

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10