

Screws

Stainless Steel, with Recessed Stud for Loss Protection, Hygienic Design

SPECIFICATION

Identification no.

- No. 1: Without additional lock washer

Screw

Stainless steel AISI 316L

- Matte finish (Ra < 0.8 µm) **MT**
- Polished finish (Ra < 0.8 µm) **PL**

Sealing ring

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

INFORMATION

Screws GN 1582 with low-profile head are certified according to EHEDG guidelines and are therefore ideal for use in hygienic areas. They are used, for example, to fasten machine covers. The shank d_4 provides simple loss prevention. Thus the „captivity of the mounting element“ according to the Machinery Directive 2006 / 42 / EG is given.

Instead of a through-hole, this requires a second thread d_1 , potentially with a corresponding clearance bore d_2 . Depending on the design and required clamping length a_1 ... a_3 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 d_4 .

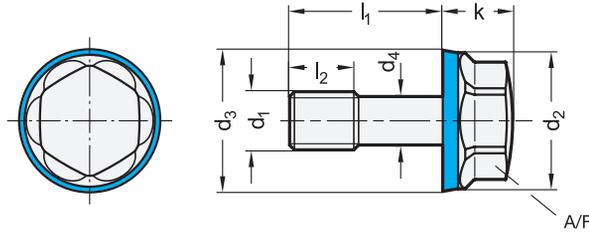
ACCESSORY

- GN 7600 Sealing Rings (see page)
- GN 3124 Sockets (see page)

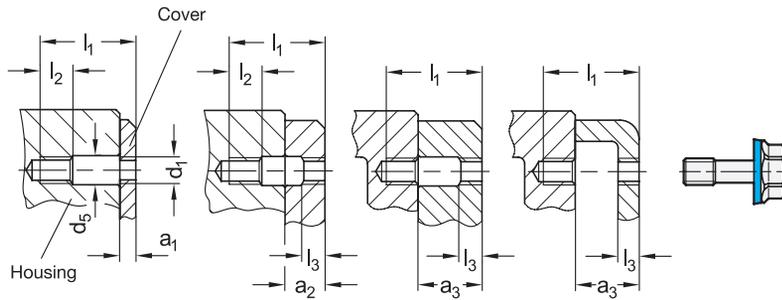
TECHNICAL INFORMATION

- Plastic Characteristics (see page A2)
- Stainless Steel Characteristics (see page A26)





Assembly options



* Complete with

H E F

GN 1582-MT

STAINLESS STEEL

Description	d1	l1	a1	a2	a3	d2	d3	d4	d5	k	l2	l3	A/F	⚖️
GN 1582-M5-20-MT-*1	M 5	20	2.5...6	6...10.5	10.5...14	11	11.8	4	5.5	7	6	2.5	8	5
GN 1582-M5-25-MT-*1	M 5	25	6...11	11...14	14...19	11	11.8	4	5.5	7	6	2.5	8	6
GN 1582-M6-25-MT-*1	M 6	25	3...7	7...13	13...17	13	13.8	4.8	6.5	7.5	8	3	10	9
GN 1582-M6-30-MT-*1	M 6	30	7...12	12...17	17...22	13	13.8	4.8	6.5	7.5	8	3	10	10
GN 1582-M8-30-MT-*1	M 8	30	4...8	8...16	16...20	16	16.8	6.5	8.5	8.5	10	4	13	18
GN 1582-M8-40-MT-*1	M 8	40	8...18	18...25	25...30	16	16.8	6.5	8.5	8.5	10	4	13	21
GN 1582-M10-40-MT-*1	M 10	40	5...14	14...19	19...28	19	19.8	8.2	10.5	9.5	12	5	16	34
GN 1582-M10-50-MT-*1	M 10	50	14...24	24...28	28...38	19	19.8	8.2	10.5	9.5	12	5	16	39

GN 1582-PL

STAINLESS STEEL

Description	d1	l1	a1	a2	a3	d2	d3	d4	d5	k	l2	l3	A/F	⚖️
GN 1582-M5-20-PL-*1	M 5	20	2.5...6	6...10.5	10.5...14	11	11.8	4	5.5	7	6	2.5	8	5
GN 1582-M5-25-PL-*1	M 5	25	6...11	11...14	14...19	11	11.8	4	5.5	7	6	2.5	8	6
GN 1582-M6-25-PL-*1	M 6	25	3...7	7...13	13...17	13	13.8	4.8	6.5	7.5	8	3	10	9
GN 1582-M6-30-PL-*1	M 6	30	7...12	12...17	17...22	13	13.8	4.8	6.5	7.5	8	3	10	10
GN 1582-M8-30-PL-*1	M 8	30	4...8	8...16	16...20	16	16.8	6.5	8.5	8.5	10	4	13	18
GN 1582-M8-40-PL-*1	M 8	40	8...18	18...25	25...30	16	16.8	6.5	8.5	8.5	10	4	13	21
GN 1582-M10-40-PL-*1	M 10	40	5...14	14...19	19...28	19	19.8	8.2	10.5	9.5	12	5	16	34
GN 1582-M10-50-PL-*1	M 10	50	14...24	24...28	28...38	19	19.8	8.2	10.5	9.5	12	5	16	39

Weight Material H

