

Screws

Stainless Steel, Low-Profile Head, Hygienic Design

SPECIFICATION

Screw

Stainless steel AISI 316L

- Matte finish ($Ra < 0.8 \mu m$) **MT**
- Polished finish ($Ra < 0.8 \mu m$) **PL**

Sealing ring

- HNBR **H**
Operating temperature $-25^{\circ}C$ to $+150^{\circ}C$
- EPDM **E**
Operating temperature $-40^{\circ}C$ to $+120^{\circ}C$
- FKM **F**
Operating temperature $-5^{\circ}C$ to $+200^{\circ}C$
- Blue
- Hardness 85 ± 5 Shore A
- FDA compliant

INFORMATION

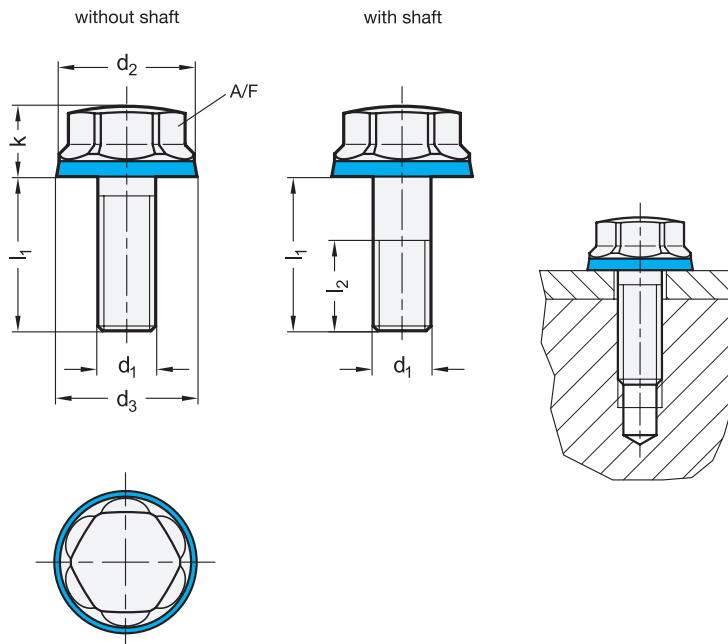
Screws GN 1581 with low-profile head are intended for use in hygiene areas. The versions with seal ring, H and E, are additionally certified according to the guidelines of the EHEDG. The sealed mounting surface enables components to be mounted without dead spaces. The high quality finish as well as the large corner radii and closed surfaces prevent adherence of dirt and facilitate cleaning.

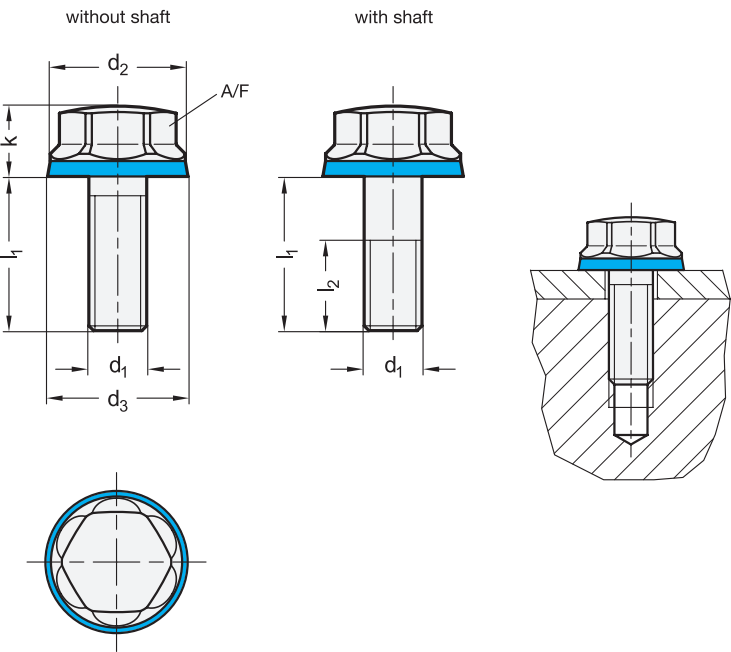
ACCESSORY

- GN 7600 Sealing Rings (see page)

TECHNICAL INFORMATION

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





* Complete with

H E F

GN 1581-MT

STAINLESS STEEL

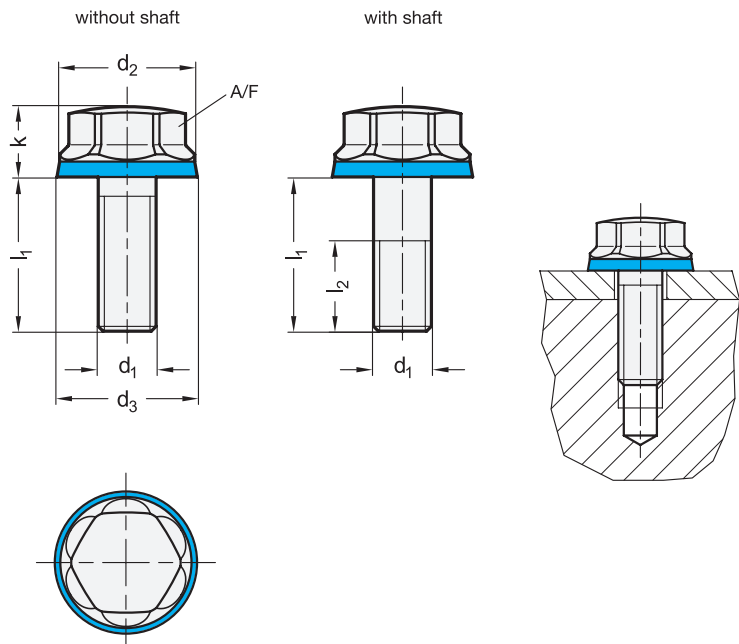
Description	d1	l1 Without shaft	l1 With shaft	d2	d3	k	l2	A/F	⚖
GN 1581-M4-8-MT-*	M 4	8	-	10	10.8	6.5	-	7	7
GN 1581-M4-10-MT-*	M 4	10	-	10	10.8	6.5	-	7	8
GN 1581-M4-12-MT-*	M 4	12	-	10	10.8	6.5	-	7	9
GN 1581-M4-16-MT-*	M 4	-	16	10	10.8	6.5	-	7	10
GN 1581-M4-20-MT-*	M 4	-	20	10	10.8	6.5	14	7	11
GN 1581-M4-25-MT-*	M 4	-	25	10	10.8	6.5	-	7	12
GN 1581-M4-30-MT-*	M 4	-	30	10	10.8	6.5	14	7	13
GN 1581-M5-10-MT-*	M 5	10	-	11	11.8	7	-	8	6
GN 1581-M5-12-MT-*	M 5	12	-	11	11.8	7	-	8	7
GN 1581-M5-16-MT-*	M 5	16	-	11	11.8	7	-	8	10
GN 1581-M5-20-MT-*	M 5	-	20	11	11.8	7	16	8	7
GN 1581-M5-25-MT-*	M 5	-	25	11	11.8	7	-	8	11
GN 1581-M5-30-MT-*	M 5	-	30	11	11.8	7	16	8	14
GN 1581-M5-35-MT-*	M 5	-	35	11	11.8	7	-	8	15
GN 1581-M5-40-MT-*	M 5	-	40	11	11.8	7	16	8	16
GN 1581-M6-12-MT-*	M 6	12	-	13	13.8	7.5	-	10	8
GN 1581-M6-16-MT-*	M 6	16	-	13	13.8	7.5	-	10	9
GN 1581-M6-20-MT-*	M 6	20	-	13	13.8	7.5	-	10	10
GN 1581-M6-25-MT-*	M 6	25	-	13	13.8	7.5	-	10	11
GN 1581-M6-30-MT-*	M 6	-	30	13	13.8	7.5	18	10	12
GN 1581-M6-35-MT-*	M 6	-	35	13	13.8	7.5	-	10	13
GN 1581-M6-40-MT-*	M 6	-	40	13	13.8	7.5	18	10	14
GN 1581-M6-50-MT-*	M 6	-	50	13	13.8	7.5	18	10	17
GN 1581-M8-16-MT-*	M 8	16	-	16	16.8	8.5	-	13	17
GN 1581-M8-20-MT-*	M 8	20	-	16	16.8	8.5	-	13	18
GN 1581-M8-25-MT-*	M 8	25	-	16	16.8	8.5	-	13	19
GN 1581-M8-30-MT-*	M 8	30	-	16	16.8	8.5	-	13	21
GN 1581-M8-40-MT-*	M 8	-	40	16	16.8	8.5	22	13	25
GN 1581-M8-50-MT-*	M 8	-	50	16	16.8	8.5	22	13	29
GN 1581-M8-60-MT-*	M 8	-	60	16	16.8	8.5	22	13	33

GN 1581-MT

STAINLESS STEEL

Description	d1	l1 Without shaft	l1 With shaft	d2	d3	k	l2	A/F	⚖
GN 1581-M10-20-MT-*	M 10	20	-	19	19.8	9.5	-	16	28
GN 1581-M10-25-MT-*	M 10	25	-	19	19.8	9.5	-	16	31
GN 1581-M10-30-MT-*	M 10	30	-	19	19.8	9.5	-	16	34
GN 1581-M10-40-MT-*	M 10	-	40	19	19.8	9.5	26	16	40
GN 1581-M10-50-MT-*	M 10	-	50	19	19.8	9.5	26	16	46
GN 1581-M10-60-MT-*	M 10	-	60	19	19.8	9.5	26	16	52
GN 1581-M12-25-MT-*	M 12	25	-	22	22.8	11	-	18	46
GN 1581-M12-30-MT-*	M 12	30	-	22	22.8	11	-	18	50
GN 1581-M12-40-MT-*	M 12	-	40	22	22.8	11	30	18	59
GN 1581-M12-50-MT-*	M 12	-	50	22	22.8	11	30	18	68
GN 1581-M12-60-MT-*	M 12	-	60	22	22.8	11	30	18	76
GN 1581-M16-30-MT-*	M 16	30	-	28	28.8	13	-	22	90
GN 1581-M16-40-MT-*	M 16	40	-	28	28.8	13	-	22	106
GN 1581-M16-50-MT-*	M 16	-	50	28	28.8	13	38	22	122
GN 1581-M16-60-MT-*	M 16	-	60	28	28.8	13	38	22	137
GN 1581-M16-70-MT-*	M 16	-	70	28	28.8	13	38	22	153
GN 1581-M20-40-MT-*	M 20	40	-	34	34.8	15	-	27	172
GN 1581-M20-60-MT-*	M 20	-	60	34	34.8	15	46	27	221

Weight Material H



* Complete with

H E F

GN 1581-PL **STAINLESS STEEL**

Description	d1	l1 Without shaft	l1 With shaft	d2	d3	k	l2	A/F	⚖
GN 1581-M4-8-PL-*	M 4	8	-	10	10.8	6.5	-	7	7
GN 1581-M4-10-PL-*	M 4	10	-	10	10.8	6.5	-	7	8
GN 1581-M4-12-PL-*	M 4	12	-	10	10.8	6.5	-	7	9
GN 1581-M4-16-PL-*	M 4	-	16	10	10.8	6.5	-	7	10
GN 1581-M4-20-PL-*	M 4	-	20	10	10.8	6.5	14	7	11
GN 1581-M4-25-PL-*	M 4	-	25	10	10.8	6.5	-	7	12
GN 1581-M4-30-PL-*	M 4	-	30	10	10.8	6.5	14	7	13
GN 1581-M5-10-PL-*	M 5	10	-	11	11.8	7	-	8	6
GN 1581-M5-12-PL-*	M 5	12	-	11	11.8	7	-	8	7
GN 1581-M5-16-PL-*	M 5	16	-	11	11.8	7	-	8	10
GN 1581-M5-20-PL-*	M 5	-	20	11	11.8	7	16	8	7
GN 1581-M5-25-PL-*	M 5	-	25	11	11.8	7	-	8	11
GN 1581-M5-30-PL-*	M 5	-	30	11	11.8	7	16	8	14
GN 1581-M5-35-PL-*	M 5	-	35	11	11.8	7	-	8	15
GN 1581-M5-40-PL-*	M 5	-	40	11	11.8	7	16	8	16
GN 1581-M6-12-PL-*	M 6	12	-	13	13.8	7.5	-	10	8
GN 1581-M6-16-PL-*	M 6	16	-	13	13.8	7.5	-	10	9
GN 1581-M6-20-PL-*	M 6	20	-	13	13.8	7.5	-	10	10
GN 1581-M6-25-PL-*	M 6	25	-	13	13.8	7.5	-	10	11
GN 1581-M6-30-PL-*	M 6	-	30	13	13.8	7.5	18	10	12
GN 1581-M6-35-PL-*	M 6	-	35	13	13.8	7.5	-	10	13
GN 1581-M6-40-PL-*	M 6	-	40	13	13.8	7.5	18	10	14
GN 1581-M6-50-PL-*	M 6	-	50	13	13.8	7.5	18	10	16
GN 1581-M8-16-PL-*	M 8	16	-	16	16.8	8.5	-	13	17
GN 1581-M8-20-PL-*	M 8	20	-	16	16.8	8.5	-	13	18
GN 1581-M8-25-PL-*	M 8	25	-	16	16.8	8.5	-	13	19
GN 1581-M8-30-PL-*	M 8	30	-	16	16.8	8.5	-	13	21
GN 1581-M8-40-PL-*	M 8	-	40	16	16.8	8.5	22	13	25
GN 1581-M8-50-PL-*	M 8	-	50	16	16.8	8.5	22	13	29
GN 1581-M8-60-PL-*	M 8	-	60	16	16.8	8.5	22	13	33

GN 1581-PL **STAINLESS STEEL**

Description	d1	l1 Without shaft	l1 With shaft	d2	d3	k	l2	A/F	⚖
GN 1581-M10-20-PL-*	M 10	20	-	19	19.8	9.5	-	16	28
GN 1581-M10-25-PL-*	M 10	25	-	19	19.8	9.5	-	16	31
GN 1581-M10-30-PL-*	M 10	30	-	19	19.8	9.5	-	16	34
GN 1581-M10-40-PL-*	M 10	-	40	19	19.8	9.5	26	16	40
GN 1581-M10-50-PL-*	M 10	-	50	19	19.8	9.5	26	16	46
GN 1581-M10-60-PL-*	M 10	-	60	19	19.8	9.5	26	16	52
GN 1581-M12-25-PL-*	M 12	25	-	22	22.8	11	-	18	46
GN 1581-M12-30-PL-*	M 12	30	-	22	22.8	11	-	18	50
GN 1581-M12-40-PL-*	M 12	-	40	22	22.8	11	30	18	59
GN 1581-M12-50-PL-*	M 12	-	50	22	22.8	11	30	18	68
GN 1581-M12-60-PL-*	M 12	-	60	22	22.8	11	30	18	76
GN 1581-M16-30-PL-*	M 16	30	-	28	28.8	13	-	22	90
GN 1581-M16-40-PL-*	M 16	40	-	28	28.8	13	-	22	106
GN 1581-M16-50-PL-*	M 16	-	50	28	28.8	13	38	22	122
GN 1581-M16-60-PL-*	M 16	-	60	28	28.8	13	38	22	137
GN 1581-M16-70-PL-*	M 16	-	70	28	28.8	13	38	22	153
GN 1581-M20-40-PL-*	M 20	40	-	34	34.8	15	-	27	172
GN 1581-M20-60-PL-*	M 20	-	60	34	34.8	15	46	27	221

Weight Material H