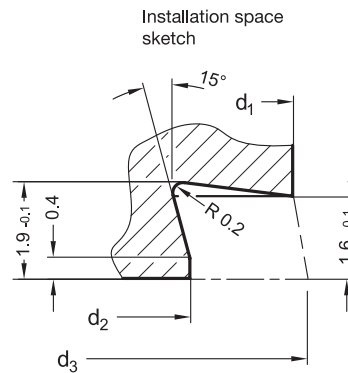


Application example



Dimensions in: millimeters - inches

Metric table

1 2				3				
d ₁	d ₂	d ₃	s	d ₁	d ₂	d ₃	s	Suitable for
Nominal dimensions - installation space				Actual dimensions - sealing ring				
11	7	11.8	1.6	10.25	6	11.35	2	GN 1580 / GN 1581
0.43	0.28	0.46	0.06	0.40	0.24	0.45	0.08	
12	8	12.8	1.6	11.25	7	12.35	2	GN 429 / GN 1580
0.47	0.31	0.50	0.06	0.44	0.28	0.49	0.08	
13	9	13.8	1.6	12.25	8	13.35	2	GN 1581
0.51	0.35	0.54	0.06	0.48	0.31	0.53	0.08	
14	10	14.8	1.6	13.25	9	14.35	2	GN 75.6 / GN 305 / GN 1580
0.55	0.39	0.58	0.06	0.52	0.35	0.56	0.08	
16	12	16.8	1.6	15.25	11	16.35	2	GN 75.6 / GN 429 / GN 1581
0.63	0.47	0.66	0.06	0.60	0.43	0.64	0.08	
18	14	18.8	1.6	17.25	13	18.35	2	GN 75.6 / GN 305 / GN 1580 / GN 5435 / GN 5445
0.71	0.55	0.74	0.06	0.68	0.51	0.72	0.08	
19	15	19.8	1.6	18.25	14	19.35	2	GN 1581
0.75	0.59	0.78	0.06	0.72	0.55	0.76	0.08	
21	17	21.8	1.6	20.25	16	21.35	2	GN 1580 / GN 5435 / GN 5445
0.83	0.67	0.86	0.06	0.80	0.63	0.84	0.08	
22	18	22.8	1.6	21.25	17	22.35	2	GN 305 / GN 1581 / GN 8170
0.87	0.71	0.90	0.06	0.84	0.67	0.88	0.08	
25	21	25.8	1.6	24.25	20	25.35	2	GN 1580
0.98	0.83	1.02	0.06	0.95	0.79	1.00	0.08	
28	24	28.8	1.6	27.25	23	28.35	2	GN 1581
1.10	0.94	1.13	0.06	1.07	0.91	1.12	0.08	
30	26	30.8	1.6	29.25	25	30.35	2	GN 20
1.18	1.02	1.21	0.06	1.15	0.98	1.19	0.08	
32	28	32.8	1.6	31.25	27	32.35	2	GN 20 / GN 1580
1.26	1.10	1.29	0.06	1.23	1.06	1.27	0.08	
34	30	34.8	1.6	33.25	29	34.35	2	-
1.34	1.18	1.37	0.06	1.31	1.14	1.35	0.08	

Specification

- Hydrogenated acrylonitrile butadiene rubber **HNBR**

 - Temperature resistant from -13 °F to +302 °F (-25 °C to +150 °C)
 - Blue
 - FDA compliant
 - Hardness 85 ±5 shore A **85**
- Ethylene propylene diene rubber **EPDM**

 - Temperature resistant from -40 °F to +248 °F (-40 °C to +120 °C)
 - Blue
 - FDA compliant
 - Hardness 85 ±5 shore A **85**
- RoHS compliant

Information

Components with cylindrical mounting surfaces, which are installed in hygienic areas, can be sealed and mounted without dead spaces using GN 7600 sealing rings.

When delivered, or when not assembled, the sealing rings have the “actual dimensions” stated in the table. To ensure a firm seating and thus a reliable sealing, an installation space as shown in the sketch must be provided on the component. This ensures that when the sealing ring is mounted, it will be subject to the necessary pressure without excess load. All surfaces that are in contact with the sealing ring should have a minimum surface quality of Ra 0.8 µm.

Standard parts that are supplied with GN 7600 sealing rings are listed in the table and can be supplied individually in case service is required.

<p>How to order</p> <p>GN 7600-12-8-2-HNBR-85</p>	1	Outer diameter d ₁
	2	Inner diameter d ₂
	3	Width s
	4	Material
	5	Hardness