

## Lenticular gaskets and lenticular seals

for ND 64 to ND 400 flanged connections

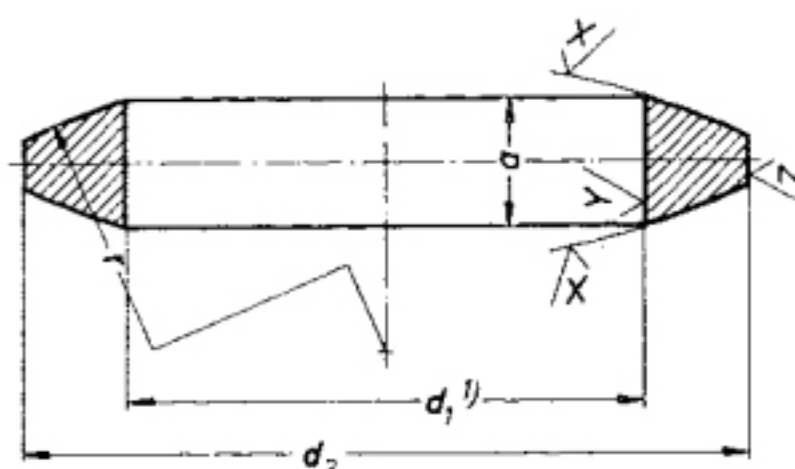
DIN  
2696

Dichtlinsen und Linsendichtungen für Flanschverbindungen ND 64 bis ND 400

As it is current practice in standards published by the International Organization for Standardization (ISO), the comma has been used throughout as a decimal marker.

Dimensions in mm

## 1 Lenticular gasket



$$X/\sqrt{\quad} = \sqrt{R_1 = 6,3}$$

$$Y/\sqrt{\quad} = \sqrt{R_1 = 25}$$

$$Z/\sqrt{\quad} = \sqrt{R_1 = 100}$$

Designation of an St 35.8 lenticular gasket with inside diameter  $d_1 = 94$  mm and outside diameter  $d_2 = 143$  mm:

Lenticular gasket 94 × 143 DIN 2696 — St 35.8

Table 1. Manufacturing dimensions

Nominal size	$d_1$ 1)		$d_2$	$a$ max.	$r$
	min.	max.			
ND 64 to 400					
10	10	14	21	7	25
15	14	18	28	8,5	32
25	20	29	43	11	50
40	34	43	62	14	70
50	46	55	78	16	88
65	62	70	102	20	112
80	72	82	116	22	129
100	94	108	143	26	170
125	116	135	180	29	218
150	139	158	210	33	250
ND 64 and 100					
(175)	176	183	243	31	296
200	198	206	276	35	329
250	246	257	332	37	406
300	295	305	385	40	473
350	330	348	425	41	538
400	385	395	475	42	610
ND 160 to 400					
(175)	162	177	243	37	296
200	183	200	276	40	329
250	230	246	332	46	406
300	278	285	385	50	473

1) If no special agreement has been made the lenticular gaskets are supplied with the minimum dimensions. By turning the internal surfaces the internal diameters shall be adapted to the flanges or collars as shown in the table on finished sizes (see page 2).

The bracketed nominal size should be avoided wherever possible.

Except for  $d_1$  the dimensions specified in this standard shall also apply to bellows lenses.

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