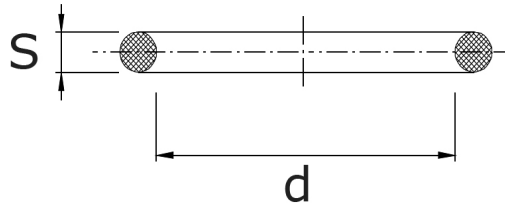


O-ring DIN 11864/DIN 11853

[short name: AOR*](#)

f. Aseptic-/hygiene-connection

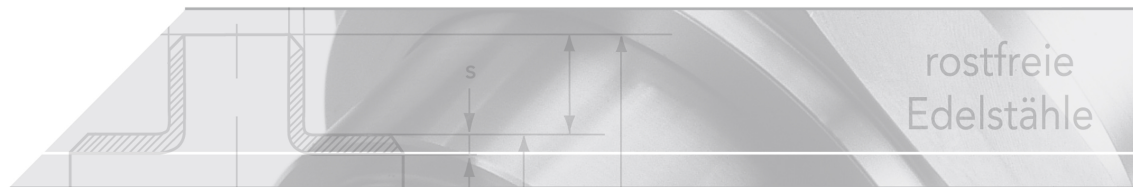


technical product sheet

Typ	DN	d	S
DIN 10	12,0	3,5	
DIN 15	18,0	3,5	
DIN 20	22,0	3,5	
DIN 25	28,0	3,5	
DIN 32	34,0	5,0	
DIN 40	40,0	5,0	
DIN 50	52,0	5,0	
DIN 65	68,0	5,0	
DIN 80	83,0	5,0	
DIN 100	102,0	5,0	
DIN 125	127,0	5,0	
DIN 150	152,0	5,0	
ISO 15	20,0	3,5	
ISO 20	26,0	3,5	
ISO 25	32,0	5,0	
ISO 32	40,5	5,0	
ISO 40	46,5	5,0	
ISO 50	58,5	5,0	
ISO 65	73,5	5,0	
ISO 80	86,5	5,0	
ISO 100	111,0	5,0	

available material: EPDM

Systems > DIN 11864/ DIN 11853 > flange connections > Aseptic DIN 11864-2 > O-rings



Fields of application

Popular areas of application are the biotechnology, cosmetics, chemical, pharmaceutical, and food and beverage industries.

Materials

EPDM, VMQ, FKM, EPDM + FKM USP Class VI, PTFE-FKM seamlessly sheathed; FDA compliant ;

Installation

The O-ring is inserted in the groove flange during installation, which automatically holds the O-ring in place. The collar flange is then placed against it so that both flanges engage each other. The flanges and the O-ring are therefore coaxially centered. After that, the screws are inserted through the holes drilled in the flanges so that the heads of the screws are on the outer surface of one flange and the threads of the screws stick out of the other flange. The nuts are screwed onto these threads and evenly tightened until the faces of the flanges come into contact with each other. The O-ring is deformed by this so that a smooth passage free of dead space and a sealed connection are produced.

