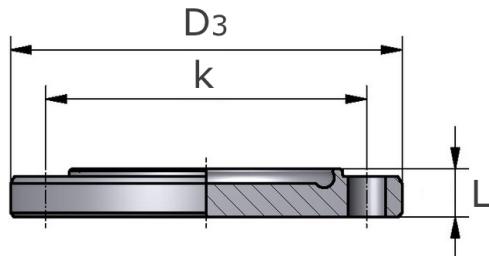




grooved blind flange

short name: BNF\*

DIN 11853-2, design A



### technical product sheet

Anschl.	DN	D3	L	k	kg	Art.-Nr.
DIN	10	54	11,5	37	0,040	HYGI-BN-010-DIN-N
DIN	15	59	11,5	42	0,060	HYGI-BN-015-DIN-N
DIN	20	64	11,5	47	0,080	HYGI-BN-020-DIN-N
DIN	25	70	11,5	53	0,274	HYGI-BN-025-DIN-N
DIN	32	76	11,5	59	0,140	HYGI-BN-032-DIN-N
DIN	40	82	11,5	65	0,180	HYGI-BN-040-DIN-N
DIN	50	94	11,5	77	0,260	HYGI-BN-050-DIN-N
DIN	65	113	11,5	95	0,380	HYGI-BN-065-DIN-N
DIN	80	133	13,5	112	0,630	HYGI-BN-080-DIN-N
DIN	100	159	15,5	137	1,090	HYGI-BN-100-DIN-N
DIN	125	183	15,5	161	2,600	HYGI-BN-125-DIN-N
DIN	150	213	17,5	188	4,100	HYGI-BN-150-DIN-N
ISO	10	59	11,5	42	0,190	HYGI-BN-010-ISO-N
ISO	15	62	11,5	45	0,210	HYGI-BN-015-ISO-N
ISO	20	69	11,5	52	0,270	HYGI-BN-020-ISO-N
ISO	25	74	11,5	57	0,300	HYGI-BN-025-ISO-N
ISO	32	82	11,5	65	0,360	HYGI-BN-032-ISO-N
ISO	40	88	11,5	71	0,420	HYGI-BN-040-ISO-N
ISO	50	103	11,5	85	0,580	HYGI-BN-050-ISO-N
ISO	65	125	13,5	104	1,000	HYGI-BN-065-ISO-N
ISO	80	137	13,5	116	1,200	HYGI-BN-080-ISO-N
ISO	100	168	15,5	146	2,170	HYGI-BN-100-ISO-N

available material: ask

Systems > DIN 11864/ DIN 11853 > flange connections > hygiene DIN 11853-2 > grooved blind flanges



## Blind groove flange

Aseptic-Flange connection DIN 11864-2, Shape A

### > Fields of application

The aseptic and hygiene flange connections according to DIN 11853-2 are compatible and differ only in terms of the axial length.

They are used for processing systems for liquid media with high purity requirements.

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

### > 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.

### > Operating pressure (bei 140°C)

Tube-OØ	bar
till 41 mm	max. 25 bar
42,4 - 101,6 mm	max. 16 bar
114,3 - 154,0 m	max. 10 bar

when suitable seals are used

