



Bourdon tube pressure gauges for chemical applications Type D4



Benefits

- For chemical and process engineering applications
- Measuring system fully welded to housing
- Extremely robust design
- For temperatures of the medium of up to 200 °C
- Tightness-tested with helium
- DNV- and GOSSTANDART-certified
- Ex version (optional)



Application

For corrosive gaseous and liquid media which are not highly viscous and do not crystallise; suitable for corrosive environments.

! For measuring gas or vapour, observe the table "Selection Criteria as per EN 837-2"!



Technical specifications

Type

D4

Nominal size

63 – 100 – 160

Accuracy class (EN 837-1/6)

1,6

1,0

Ranges (EN 837-1/5)

See ordering table

Application area NG63

Static load: $\frac{3}{4}$ x full scale value

Dynamic load: $\frac{3}{4}$ x full scale value

Short-term: Full scale value

Application area NG100/160

Static load

≤ 600 bar: Full scale value

> 600 bar: $\frac{3}{4}$ x full scale value

Dynamic load

≤ 600 bar: 0.9 x full scale value

> 600 bar: $\frac{3}{4}$ x full scale value

Short-term

≤ 600 bar: 1.3 x full scale value

> 600 bar: Full scale value

Operating temperature range

Medium: Max. 200 °C

Ambient: -20/+60 °C

Temperature performance

Indication error when the temperature of the measuring system deviates from the normal temperature of 20 °C:

at rising temperature approx. $\pm 0.4 \text{ } \%/10 \text{ K}$

falling temperature approx. $\pm 0.4 \text{ } \%/10 \text{ K}$

of full scale value

Degree of protection

IP 54 (EN 60529) with housing vent ($\leq 25 \text{ bar}$)

IP 65 (EN 60529)

Standard version

Connection

Stainless steel 316 L, bottom, centre back or bottom back

G $\frac{1}{4}$ B, SW14 (EN 837-1/7.3)

G $\frac{1}{2}$ B, SW22 (EN 837-1/7.3)

Measuring element

Bourdon tube, stain-

less steel 316 Ti/316

L

≤ 60 bar: "C" type tube

> 60 bar: Helical tube

Tightness-tested with

helium

Movement

Stainless steel

Dial

Aluminium, white

Scaling black

Pointer

Aluminium, black

Housing

Stainless steel 304, with blow-out

Bayonet type bezel

Stainless steel 304

Window

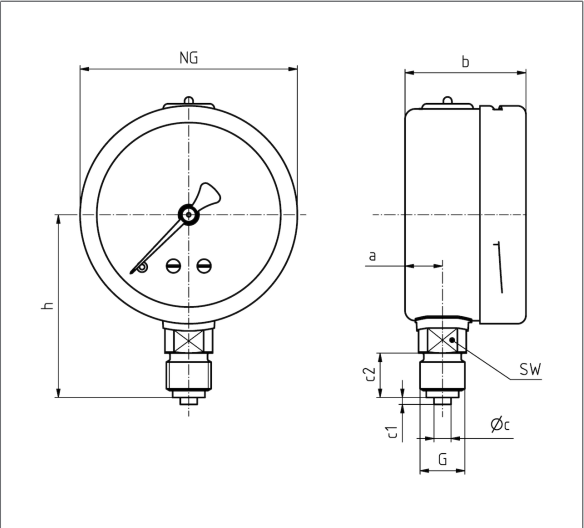
Laminated safety glass

Options

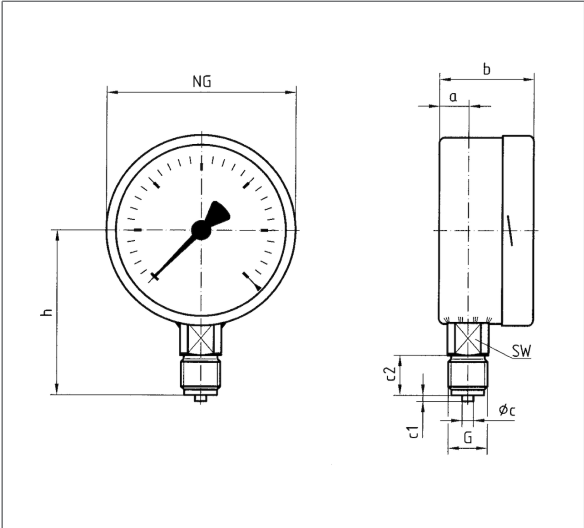
- Back flange
- Panel mounting bezel
- 3-hole fixing, panel mounting bezel
- Ex version
- Crimped bezel, polished
- Electrical contacts
- Special scales
- Other process connections

Technical drawings

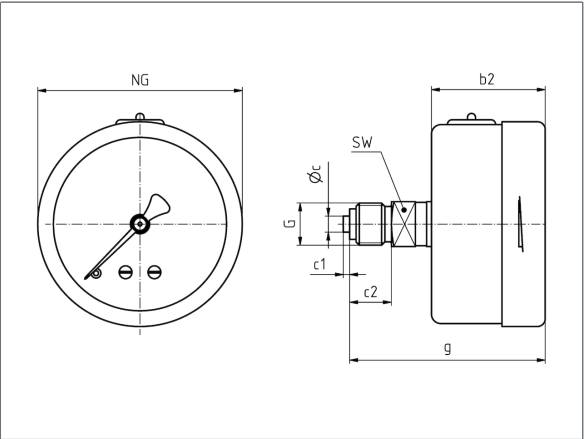
Bottom connection



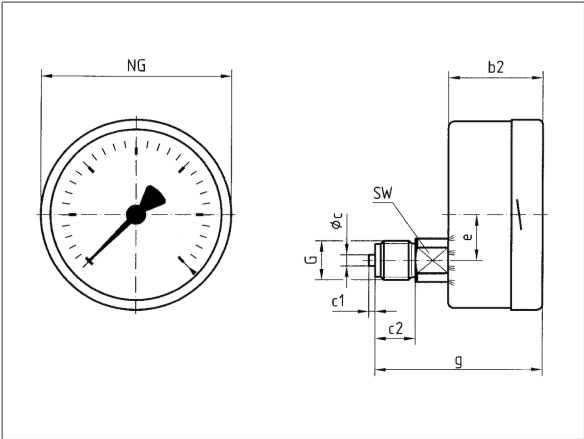
Bottom connection



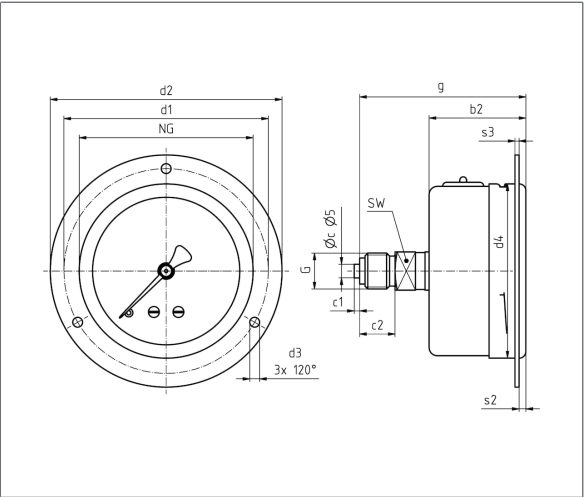
Centre back connection



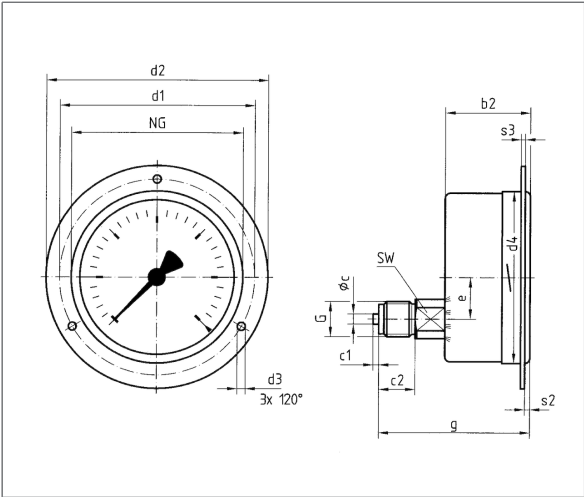
bottom back connection



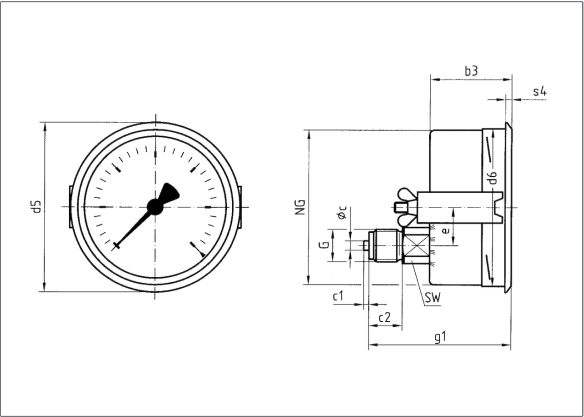
Centre back connection, 3-hole fixing, panel mounting bezel



bottom back connection, 3-hole fixing, panel mounting bezel



bottom back connection, panel mounting bezel with clamp fixing



Dimensions (mm)

NG	a	b	Øc	c1	c2	G	h	SW
100	15,6	49	6	3	20	G½B	86	22
160	17,5	50	6	3	20	G½B	116	22

Dimensions (mm)

NG	b2	Øc	c1	c2	e	G	g	SW
100	49	6	3	20	34,5	G½B	83	22
160	50	6	3	20	34,5	G½B	84	22

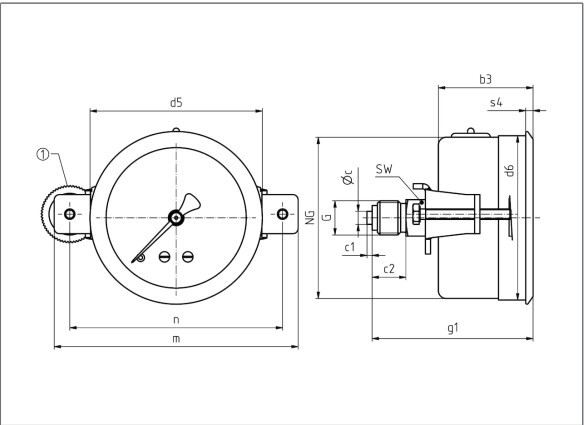
Dimensions (mm)

NG	b2	Øc	c1	c2	d1*	d2*	d3*	d4	e	G	g	s2	s3	SW
100	49	6	3	20	116	132	4,8	104	34,5	G½B	83	4	2	22
160	50	6	3	20	178	196	5,8	164	34,5	G½B	84	4	2	22

Dimensions (mm)

NG	b3	Øc	c1	c2	d5	d6	e	G	g1	s4	SW
100	49	6	3	20	107	101	34,5	G½B	83	4	22
160	52	6	3	20	167	161	34,5	G½B	86	4,5	22

Centre back connection, panel mounting bezel with clamp fixing





Versions

RF63Ch D402

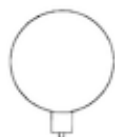
	Housing ∅	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	-1/0 bar	RF63Ch D402	85101402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	-1/+0.6 bar	RF63Ch D402	85102402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	-1/+1.5 bar	RF63Ch D402	85103402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	-1/+3 bar	RF63Ch D402	85104402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	-1/+5 bar	RF63Ch D402	85105402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	-1/+9 bar	RF63Ch D402	85106402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	-1/+15 bar	RF63Ch D402	85107402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	0/0.6 bar	RF63Ch D402	85109402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	0/1 bar	RF63Ch D402	85110402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	0/1.6 bar	RF63Ch D402	85111402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	0/2.5 bar	RF63Ch D402	85112402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	0/4 bar	RF63Ch D402	85113402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	0/6 bar	RF63Ch D402	85114402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	0/10 bar	RF63Ch D402	85115402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	0/16 bar	RF63Ch D402	85116402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	0/25 bar	RF63Ch D402	85117402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	0/40 bar	RF63Ch D402	85118402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	0/60 bar	RF63Ch D402	85119402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	0/100 bar	RF63Ch D402	85120402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	0/160 bar	RF63Ch D402	85121402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	0/250 bar	RF63Ch D402	85122402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	0/400 bar	RF63Ch D402	85123402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	0/600 bar	RF63Ch D402	85124402
	63 mm	G¼B	Bottom	Stainless steel 304	1,6	0/1,000 bar	RF63Ch D402	85125402

Blue part no. = in-stock items



RF100Ch D402

	Housing ^ø	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
	100 mm	G½B	Bottom	Stainless steel 304	1,0	-1/0 bar	RF100Ch D402	85201402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	-1/+0.6 bar	RF100Ch D402	85202402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	-1/+1.5 bar	RF100Ch D402	85203402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	-1/+3 bar	RF100Ch D402	85204402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	-1/+5 bar	RF100Ch D402	85205402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	-1/+9 bar	RF100Ch D402	85206402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	-1/+15 bar	RF100Ch D402	85207402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	0/0.6 bar	RF100Ch D402	85209402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	0/1 bar	RF100Ch D402	85210402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	0/1.6 bar	RF100Ch D402	85211402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	0/2.5 bar	RF100Ch D402	85212402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	0/4 bar	RF100Ch D402	85213402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	0/6 bar	RF100Ch D402	85214402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	0/10 bar	RF100Ch D402	85215402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	0/16 bar	RF100Ch D402	85216402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	0/25 bar	RF100Ch D402	85217402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	0/40 bar	RF100Ch D402	85218402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	0/60 bar	RF100Ch D402	85219402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	0/100 bar	RF100Ch D402	85220402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	0/160 bar	RF100Ch D402	85221402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	0/250 bar	RF100Ch D402	85222402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	0/400 bar	RF100Ch D402	85223402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	0/600 bar	RF100Ch D402	85224402
	100 mm	G½B	Bottom	Stainless steel 304	1,0	0/1,000 bar	RF100Ch D402	85225402

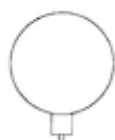


Blue part no. = in-stock items



RF160Ch D402

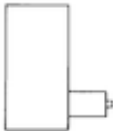
	Housing ^ø	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
	160 mm	G½B	Bottom	Stainless steel 304	1,0	-1/0 bar	RF160Ch D402	85251402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	-1/+0.6 bar	RF160Ch D402	85252402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	-1/+1.5 bar	RF160Ch D402	85253402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	-1/+3 bar	RF160Ch D402	85254402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	-1/+5 bar	RF160Ch D402	85255402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	-1/+9 bar	RF160Ch D402	85256402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	-1/+15 bar	RF160Ch D402	85257402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	0/0.6 bar	RF160Ch D402	85259402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	0/1 bar	RF160Ch D402	85260402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	0/1.6 bar	RF160Ch D402	85261402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	0/2.5 bar	RF160Ch D402	85262402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	0/4 bar	RF160Ch D402	85263402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	0/6 bar	RF160Ch D402	85264402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	0/10 bar	RF160Ch D402	85265402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	0/16 bar	RF160Ch D402	85266402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	0/25 bar	RF160Ch D402	85267402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	0/40 bar	RF160Ch D402	85268402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	0/60 bar	RF160Ch D402	85269402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	0/100 bar	RF160Ch D402	85270402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	0/160 bar	RF160Ch D402	85271402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	0/250 bar	RF160Ch D402	85272402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	0/400 bar	RF160Ch D402	85273402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	0/600 bar	RF160Ch D402	85274402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	0/1,000 bar	RF160Ch D402	85275402
	160 mm	G½B	Bottom	Stainless steel 304	1,0	0/1,600 bar	RF160Ch D402	85276402



Blue part no. = in-stock items



RF63Ch D412

	Housing ^ø	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/0 bar	RF63Ch D412	85101412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/+0.6 bar	RF63Ch D412	85102412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/+1.5 bar	RF63Ch D412	85103412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/+3 bar	RF63Ch D412	85104412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/+5 bar	RF63Ch D412	85105412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/+9 bar	RF63Ch D412	85106412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/+15 bar	RF63Ch D412	85107412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/0.6 bar	RF63Ch D412	85109412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/1 bar	RF63Ch D412	85110412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/1.6 bar	RF63Ch D412	85111412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/2.5 bar	RF63Ch D412	85112412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/4 bar	RF63Ch D412	85113412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/6 bar	RF63Ch D412	85114412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/10 bar	RF63Ch D412	85115412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/16 bar	RF63Ch D412	85116412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/25 bar	RF63Ch D412	85117412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/40 bar	RF63Ch D412	85118412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/60 bar	RF63Ch D412	85119412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/100 bar	RF63Ch D412	85120412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/160 bar	RF63Ch D412	85121412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/250 bar	RF63Ch D412	85122412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/400 bar	RF63Ch D412	85123412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/600 bar	RF63Ch D412	85124412
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/1,000 bar	RF63Ch D412	85125412

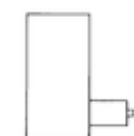
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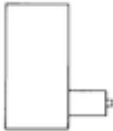
RF100Ch D412

	Housing ^ø	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/0 bar	RF100Ch D412	85201412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+0.6 bar	RF100Ch D412	85202412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+1.5 bar	RF100Ch D412	85203412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+3 bar	RF100Ch D412	85204412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+5 bar	RF100Ch D412	85205412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+9 bar	RF100Ch D412	85206412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+15 bar	RF100Ch D412	85207412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/0.6 bar	RF100Ch D412	85209412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1 bar	RF100Ch D412	85210412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1.6 bar	RF100Ch D412	85211412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/2.5 bar	RF100Ch D412	85212412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/4 bar	RF100Ch D412	85213412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/6 bar	RF100Ch D412	85214412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/10 bar	RF100Ch D412	85215412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/16 bar	RF100Ch D412	85216412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/25 bar	RF100Ch D412	85217412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/40 bar	RF100Ch D412	85218412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/60 bar	RF100Ch D412	85219412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/100 bar	RF100Ch D412	85220412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/160 bar	RF100Ch D412	85221412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/250 bar	RF100Ch D412	85222412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/400 bar	RF100Ch D412	85223412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/600 bar	RF100Ch D412	85224412
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1,000 bar	RF100Ch D412	85225412

Blue part no. = in-stock items



RF160Ch D412

	Housing ^ø	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/0 bar	RF160Ch D412	85251412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+0.6 bar	RF160Ch D412	85252412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+1.5 bar	RF160Ch D412	85253412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+3 bar	RF160Ch D412	85254412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+5 bar	RF160Ch D412	85255412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+9 bar	RF160Ch D412	85256412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+15 bar	RF160Ch D412	85257412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/0.6 bar	RF160Ch D412	85259412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1 bar	RF160Ch D412	85260412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1.6 bar	RF160Ch D412	85261412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/2.5 bar	RF160Ch D412	85262412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/4 bar	RF160Ch D412	85263412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/6 bar	RF160Ch D412	85264412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/10 bar	RF160Ch D412	85265412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/16 bar	RF160Ch D412	85266412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/25 bar	RF160Ch D412	85267412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/40 bar	RF160Ch D412	85268412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/60 bar	RF160Ch D412	85269412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/100 bar	RF160Ch D412	85270412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/160 bar	RF160Ch D412	85271412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/250 bar	RF160Ch D412	85272412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/400 bar	RF160Ch D412	85273412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/600 bar	RF160Ch D412	85274412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1,000 bar	RF160Ch D412	85275412
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1,600 bar	RF160Ch D412	85276412

Blue part no. = in-stock items



RF63Ch D432

Housing ^ø	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/0 bar	RF63Ch D432	85101432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/+0.6 bar	RF63Ch D432	85102432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/+1.5 bar	RF63Ch D432	85103432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/+3 bar	RF63Ch D432	85104432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/+5 bar	RF63Ch D432	85105432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/+9 bar	RF63Ch D432	85106432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/+15 bar	RF63Ch D432	85107432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/0.6 bar	RF63Ch D432	85109432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/1 bar	RF63Ch D432	85110432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/1.6 bar	RF63Ch D432	85111432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/2.5 bar	RF63Ch D432	85112432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/4 bar	RF63Ch D432	85113432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/6 bar	RF63Ch D432	85114432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/10 bar	RF63Ch D432	85115432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/16 bar	RF63Ch D432	85116432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/25 bar	RF63Ch D432	85117432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/40 bar	RF63Ch D432	85118432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/60 bar	RF63Ch D432	85119432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/100 bar	RF63Ch D432	85120432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/160 bar	RF63Ch D432	85121432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/250 bar	RF63Ch D432	85122432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/400 bar	RF63Ch D432	85123432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/600 bar	RF63Ch D432	85124432
63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/1,000 bar	RF63Ch D432	85125432



Blue part no. = in-stock items



RF100Ch D432

	Housing ^ø	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/0 bar	RF100Ch D432	85201432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+0.6 bar	RF100Ch D432	85202432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+1.5 bar	RF100Ch D432	85203432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+3 bar	RF100Ch D432	85204432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+5 bar	RF100Ch D432	85205432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+9 bar	RF100Ch D432	85206432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+15 bar	RF100Ch D432	85207432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/0.6 bar	RF100Ch D432	85209432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1 bar	RF100Ch D432	85210432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1.6 bar	RF100Ch D432	85211432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/2.5 bar	RF100Ch D432	85212432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/4 bar	RF100Ch D432	85213432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/6 bar	RF100Ch D432	85214432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/10 bar	RF100Ch D432	85215432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/16 bar	RF100Ch D432	85216432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/25 bar	RF100Ch D432	85217432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/40 bar	RF100Ch D432	85218432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/60 bar	RF100Ch D432	85219432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/100 bar	RF100Ch D432	85220432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/160 bar	RF100Ch D432	85221432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/250 bar	RF100Ch D432	85222432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/400 bar	RF100Ch D432	85223432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/600 bar	RF100Ch D432	85224432
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1,000 bar	RF100Ch D432	85225432



Blue part no. = in-stock items



RF160Ch D432

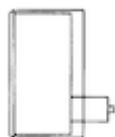
	Housing ^ø	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/0 bar	RF160Ch D432	85251432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+0.6 bar	RF160Ch D432	85252432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+1.5 bar	RF160Ch D432	85253432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+3 bar	RF160Ch D432	85254432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+5 bar	RF160Ch D432	85255432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+9 bar	RF160Ch D432	85256432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+15 bar	RF160Ch D432	85257432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/0.6 bar	RF160Ch D432	85259432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1 bar	RF160Ch D432	85260432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1.6 bar	RF160Ch D432	85261432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/2.5 bar	RF160Ch D432	85262432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/4 bar	RF160Ch D432	85263432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/6 bar	RF160Ch D432	85264432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/10 bar	RF160Ch D432	85265432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/16 bar	RF160Ch D432	85266432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/25 bar	RF160Ch D432	85267432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/40 bar	RF160Ch D432	85268432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/60 bar	RF160Ch D432	85269432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/100 bar	RF160Ch D432	85270432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/160 bar	RF160Ch D432	85271432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/250 bar	RF160Ch D432	85272432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/400 bar	RF160Ch D432	85273432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/600 bar	RF160Ch D432	85274432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1,000 bar	RF160Ch D432	85275432
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1,600 bar	RF160Ch D432	85276432

Blue part no. = in-stock items



RF63Ch D452

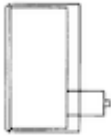
	Housing ^ø	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/0 bar	RF63Ch D452	85101452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/+0.6 bar	RF63Ch D452	85102452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/+1.5 bar	RF63Ch D452	85103452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/+3 bar	RF63Ch D452	85104452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/+5 bar	RF63Ch D452	85105452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/+9 bar	RF63Ch D452	85106452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	-1/+15 bar	RF63Ch D452	85107452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/0.6 bar	RF63Ch D452	85109452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/1 bar	RF63Ch D452	85110452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/1.6 bar	RF63Ch D452	85111452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/2.5 bar	RF63Ch D452	85112452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/4 bar	RF63Ch D452	85113452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/6 bar	RF63Ch D452	85114452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/10 bar	RF63Ch D452	85115452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/16 bar	RF63Ch D452	85116452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/25 bar	RF63Ch D452	85117452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/40 bar	RF63Ch D452	85118452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/60 bar	RF63Ch D452	85119452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/100 bar	RF63Ch D452	85120452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/160 bar	RF63Ch D452	85121452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/250 bar	RF63Ch D452	85122452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/400 bar	RF63Ch D452	85123452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/600 bar	RF63Ch D452	85124452
	63 mm	G $\frac{1}{4}$ B	Centre back	Stainless steel 304	1,6	0/1,000 bar	RF63Ch D452	85125452



Blue part no. = in-stock items



RF100Ch D452

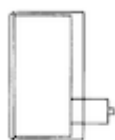
	Housing ^ø	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/0 bar	RF100Ch D452	85201452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+0.6 bar	RF100Ch D452	85202452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+1.5 bar	RF100Ch D452	85203452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+3 bar	RF100Ch D452	85204452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+5 bar	RF100Ch D452	85205452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+9 bar	RF100Ch D452	85206452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+15 bar	RF100Ch D452	85207452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/0.6 bar	RF100Ch D452	85209452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1 bar	RF100Ch D452	85210452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1.6 bar	RF100Ch D452	85211452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/2.5 bar	RF100Ch D452	85212452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/4 bar	RF100Ch D452	85213452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/6 bar	RF100Ch D452	85214452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/10 bar	RF100Ch D452	85215452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/16 bar	RF100Ch D452	85216452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/25 bar	RF100Ch D452	85217452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/40 bar	RF100Ch D452	85218452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/60 bar	RF100Ch D452	85219452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/100 bar	RF100Ch D452	85220452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/160 bar	RF100Ch D452	85221452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/250 bar	RF100Ch D452	85222452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/400 bar	RF100Ch D452	85223452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/600 bar	RF100Ch D452	85224452
	100 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1,000 bar	RF100Ch D452	85225452

Blue part no. = in-stock items



RF160Ch D452

	Housing ^ø	Connection	Alignment	Housing	Accuracy class	Range	Type	Part no.
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/0 bar	RF160Ch D452	85251452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+0.6 bar	RF160Ch D452	85252452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+1.5 bar	RF160Ch D452	85253452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+3 bar	RF160Ch D452	85254452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+5 bar	RF160Ch D452	85255452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+9 bar	RF160Ch D452	85256452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	-1/+15 bar	RF160Ch D452	85257452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/0.6 bar	RF160Ch D452	85259452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1 bar	RF160Ch D452	85260452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1.6 bar	RF160Ch D452	85261452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/2.5 bar	RF160Ch D452	85262452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/4 bar	RF160Ch D452	85263452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/6 bar	RF160Ch D452	85264452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/10 bar	RF160Ch D452	85265452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/16 bar	RF160Ch D452	85266452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/25 bar	RF160Ch D452	85267452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/40 bar	RF160Ch D452	85268452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/60 bar	RF160Ch D452	85269452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/100 bar	RF160Ch D452	85270452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/160 bar	RF160Ch D452	85271452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/250 bar	RF160Ch D452	85272452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/400 bar	RF160Ch D452	85273452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/600 bar	RF160Ch D452	85274452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1,000 bar	RF160Ch D452	85275452
	160 mm	G½B	Bottom back	Stainless steel 304	1,0	0/1,600 bar	RF160Ch D452	85276452



Blue part no. = in-stock items