





Delivery programme
DIN – EN – ASME – API




rff Rohr Flansch Fitting
Handels GmbH

Delivery programme DIN EN and DIN

Pipes / Tubes in acc. with DIN EN		
	Standards	
	Carbon steels Seamless pipes Welded pipes Precision steel pipes Stainless steels Seamless pipes Welded pipes Precision steel pipes Line pipes Seamless and welded pipes	DIN EN 10216-1 to 4 10217-1 to 6 10305-1 to 5 10216-5 10217-7 10305-1 to 2 10208 and ISO 3183
Cutting and bevelling, blasting, coating and marking for all requirements according to customer specifications	Types Seamless and welded Dimensions and weights DIN EN 10220 / Carbon steels DIN EN ISO 1127 / Stainless steels Material grades <ul style="list-style-type: none"> • P235TR1 • P235GH TC1 and TC2 • 16Mo3, 13CrMo4-5 • P215NL, P265NL, 12Ni14, X10Ni9 • L290NB, L360NB, L290NE, L360NE • 1.4301, 1.4306, 1.4307, 1.4541 • 1.4401, 1.4404, 1.4571 • 1.4410 (Superduplex), 1.4462 (Duplex) • 1.4529, 1.4539, 1.4547 	

Flanges in acc. with DIN EN and DIN		
	Standards DIN EN 1092-1 and DIN	
	Neck Flanges Weld Neck Flanges Weld Neck Collars Slip-on Flanges Threaded Flanges Flat Flanges Flanges for welding Loose Flanges Loose Flanges Blind Flanges Collars Flat Collar Weld-on Collar	Typ DIN 11 2627-2638 34 2673-2676 12 86029/30 13 2565-2569 01 2573, 2576 02 2641/2, 2655/6 04 2673-2676 05 2527 32 2641/2, 2655/6 37 2641/2
Turning and drilling (flat or threaded), blasting, coating and marking for all requirements according to customer specifications	Pressure Classes PN 6 to 400 Dimensions All standard dimensions Facing In acc. with DIN 2526, DIN EN 1092-1 and to customer specification Material grades <ul style="list-style-type: none"> • S235JR / RSt 37-2, S355J2 / St 52-3 • P250GH / C 22.8, P245GH, P265GH • 16Mo3, 13CrMo4-5 • P355QH1 / W/TStE 355 • 1.4301, 1.4307, 1.4541 • 1.4401, 1.4404, 1.4571 • 1.4410 (Superduplex), 1.4462 (Duplex) • 1.4529, 1.4539, 1.4547 	

Buttweld Fittings in acc. with DIN EN and DIN		
	Standards DIN EN 10253 and DIN	
	Buttweld Fittings Elbows Tees Reducers, concentric Reducers, eccentric Caps Special Fittings made of plates, round-bar steels in acc. with drawing	Typ DIN A/B 2605 Teil 1/2 A/B 2615 Teil 1/2 B 2616 Teil 2 A/B 2616 Teil 1/2 B 2617
Cutting and bevelling, tapering, blasting, coating and marking for all requirements according to customer specifications	Types Seamless and welded Material grades <ul style="list-style-type: none"> • S235 / St 37.0 • P235GH / St 35.8 • P250GH, P265GH • 16Mo3, 13CrMo4-5 • L290NB / L290NE • L360NB / L360NE • P355QH1 / W/TStE 355 • 1.4301, 1.4306, 1.4307, 1.4541 • 1.4401, 1.4404, 1.4571 • 1.4410 (Superduplex), 1.4462 (Duplex) • 1.4529, 1.4539, 1.4547 	

Delivery programme ASME / API

Pipes / Tubes in acc. with ASTM / ASME / API



Cutting and bevelling, blasting, coating and marking for all requirements according to customer specifications

Standards

B 36.10, B 36.19 and API 5L

Types

Seamless and welded

Wall thicknesses

All schedules

Material grades

- A/SA 53 Gr. B, A/SA 106 Gr. B, API 5L Gr. B
- A/SA 335 Gr. P5, P9, P11, P12, P22, P91
- A/SA 333 Gr. 6
- API 5L Gr. X52, X60, X65
- A/SA 312 Gr. TP 304/L, TP 316/L
- Duplex, Special Alloys

Dimensions

1/2" to 48"

Flanges in acc. with ASTM / ASME / API



Turning and drilling (flat or threaded), blasting, coating and marking for all requirements according to customer specifications

Standards

B 16.5, B 16.47 Series A+B and B.S. 3293
API 6A

Types

- Weld Neck Flanges
- Blind Flanges
- Slip-on Flanges
- Lap Joint Flanges
- Threaded Flanges
- Orifice Flanges B 16.36
- Long Welding Neck Flanges
- Socket Welding Flanges
- Spectacle Blind B 16.48
- as well as flanges according to drawings

Pressure classes

Class 150–2500
2,000–20,000 psi

Material grades

- A/SA 105/C21, P250GH
- A/SA 182 Gr. F5, F9, F11, F12, F22, F91
- A/SA 350 Gr. LF2, W/TStE 355, P355QH1, W/TStE 355
- A 694 Gr. F52, F60, F65
- A/SA 182 Gr. F304/L, F316/L
- 1.4541, 1.4571
- F53 (Superduplex), F51 (Duplex)
- Special Alloys

Dimensions

1/2" to 48"

Facings

- RF and RTJ
- For all requirements according to customer specifications

Buttwelding fittings in acc. with ASTM / ASME



Cutting and bevelling, tapering, blasting, coating and marking for all requirements according to customer specifications

Standards

B 16.9

Types

- Elbows, seamless and welded
- Tees, seamless and welded
- Reducers, concentric and eccentric, seamless and welded
- Caps
- Stub Ends
- Special Fittings made of plates, round-bar steels in acc. with drawing

Elbow types

Short Radius (SR) und Long Radius (LR) as well as radii to customer specifications

Wall thicknesses

All schedules

Material grades

- A/SA 234 Gr. WPB
- A/SA 234 Gr. WP5, WP9, WP11, WP12, WP22, WP91
- A/SA 420 Gr. WPL6
- A 860 Gr. WPHY42, WPHY52
- L290NB / L290NE
- L360NB / L360NE
- A/SA 403 Gr. WP304/L, WP316/L
- Duplex, Special Alloys

Dimensions

1/2" to 48"

Equipment DIN / EN / ASME

High-pressure fittings in acc. with ASTM / ASME

Types

All types of high pressure forged steel fittings and branch outlet fittings

Pressure classes

Class 2000, 3000, 6000, 9000

Designs

Socket weld (SW) and threaded (NPT)

Wall thicknesses

All schedules

Surfaces

Black, galvanised and hot-dip galvanised

Dimensions

1/4" to 4"

Material grades

- A/SA 105/C21
- A/SA 182 Gr. F5, F11, F12, F22, F91
- A/SA 350 Gr. LF2, W/TStE 355
- A/SA 182 Gr. F304/L, F316/L
- 1.4541, 1.4571
- F53 (Superduplex), F51 (Duplex)



Screws, bolts and nuts in acc. with DIN ISO / ASTM / ASME

Standards

- Screws in acc. with DIN ISO 4014, 4016 and 4017
- Nuts in acc. with DIN ISO 4032 and DIN ISO 4034
- Stud bolts in acc. with DIN 2510
- B 16.5 and B 18.2.2

Dimensions

For all standard flange sizes

Material grades

- 4.6, Grade 5
- 24 CrMo 5 and Ck 35 in acc. with DIN 17240 / DIN EN 10269
- V4A, V2A, A2-70, A4-70
- 1.4301, 1.4401, 1.4541, 1.4571 in acc. with DIN 17440 / DIN EN 10269
- ASTM A 193 Gr. B7 for stud bolts
- ASTM A 194 Gr. 2H for nuts
- Other materials to customer specifications

rff Rohr Flansch Fitting
Handels GmbH

Bremen Head Office
Carl-Zeiss-Straße 21
28816 Stuhr/Bremen, Germany
Phone +49 421 8771 0
Fax +49 421 8771 3000
rff@rff.de · www.rff.de/en

Central warehouse for pipe connections and pipe equipment
28816 Stuhr/Bremen, Germany

Central warehouse for pipes
04824 Beucha/Leipzig, Germany

Sales Department Bremen

- **North-Germany**
Phone +49 421 8771 1010
nord@rff.de
- **Middle-Germany**
Phone +49 421 8771 1030
mitte@rff.de
- **Oil and Gas**
Phone +49 421 8771 1020
projekte@rff.de
- **International**
Phone +49 421 8771 1090
export@rff.de

Branch Offices Germany Leipzig

04824 Beucha/Leipzig
Phone +49 34292 85 500
leipzig@rff.de

Düsseldorf

40699 Erkrath/Düsseldorf
Phone +49 2104 9386 0
duesseldorf@rff.de

Mannheim

68309 Mannheim
Phone +49 621 71771 600
mannheim@rff.de

Nuremberg

90409 Nuremberg
Phone +49 911 95249 0
nuernberg@rff.de

Gaskets in acc. with DIN EN / ASTM / ASME

Standards

- Flat gaskets in acc. with DIN EN 1514-1:
- Type IBC flat gaskets for flanges with / without raised faces (previously DIN 2690)
 - Type TG flat gaskets for flanges with tongue / groove (previously DIN 2691)
 - Type SR flat gaskets for flanges with male / female facing (previously DIN 2692)
 - ASME B 16.20 – for metallic gaskets
 - ASME B 16.21 – for non-metallic gaskets

Material grades

- Hecker Centellen
- KLINGERSIL
- Rubber
- Carbon steel
- Stainless steel
- Soft iron / Pure iron
- StW 24

Dimensions

For all standard flanges

Standard and special parts

- Pipe clamps in acc. with DIN 3567
- U-bolts in acc. with DIN 3570
- Pressed collars similar to DIN 2642
- Heads DIN 28011
- Ellipsoidal heads DIN 28013
- Weld-in elbows similar to DIN 2619
- Branch saddles similar to DIN 2618
- Pipe coupling
- Malleable iron fittings in acc. with DIN EN 10242
- Threaded steel fittings in acc. with DIN EN 10241
- Welded constructions