



Delivery programme

DIN – EN – ASME – API



rff Rohr Flansch Fitting
Handels GmbH

Delivery programme DIN EN / DIN

Pipes / Tubes in acc. with DIN EN



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

Standards

Carbon steels	DIN EN	
Seamless pipes	10216-1 to 4	
Welded pipes	10217-1 to 6	
Precision steel pipes	10305-1 to 4	
Stainless steels	DIN EN	
Seamless pipes	10216-5	
Welded pipes	10217-7	
Precision steel pipes	10305-1 to 2	
Line pipes	DIN EN	
Seamless and welded pipes	ISO 3183	

Types

Seamless and welded

Dimensions and weights

DIN EN 10220 / Carbon steel
DIN EN ISO 1127 / Stainless steel

Material grades

- P235TR1/TR2
- P235GH TC1/TC2, P265GH TC1/TC2
- 16Mo3, 13CrMo4-5, 10CrMo9-10, 12CrMo19-5
- P265NL
- P355NH / NL1
- 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 / DIN



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

Standards DIN EN 1092-1

Neck Flanges	Typ	DIN
Weld Neck Flanges	11	2627-2638
Weld Neck Collars	34	2673-2676
Slip-on Flanges	12	86029/30
Threaded Flanges	13	2565-2569
Flat Flanges		
Flanges for welding	01	2573, 2576
Loose Flanges	02	2641/2, 2655/6
Loose Flanges	04	2673-2676
Blind Flanges	05	2527
Collars		
Flat Collars	32	2641/2, 2655/6
Weld-on Collars	37	2641/2

Flanges for vessels and process apparatus, Flanges for automated welding process, Flanges acc. to DIN EN 1759-1

Pressure Classes

PN 6 to PN 400

Dimensions

All standard dimensions

Facing

In acc. with DIN 2526, DIN EN 1092-1 and to customer specification

Material grades

- S235JR, S355J2
- P250GH, P245GH, P265GH, P280GH
- 16Mo3, 13CrMo4-5, 10CrMo9-10, 12CrMo19-5
- P355QH1, P355NH / NL1/NL2
- 1.4301, 1.4307, 1.4541
- 1.4401, 1.4404, 1.4571
- 1.4410 (Superduplex), 1.4462 (Duplex)
- 1.4529, 1.4539, 1.4547

Elbows and Butt-weld Fittings in acc. with DIN EN / DIN



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

Standards DIN EN 10253-1 to 4

Butt-weld Fittings	Typ	DIN
Elbows	A/B	2605-1/-2
Tees	A/B	2615-1/-2
Concentric reducers	B	2616-2
Eccentric reducers	A/B	2616-1/-2
Caps	B	2617

Special Fittings made of plates, round-bar steels in acc. with drawing

Types of elbows

2D, 3D and 5D as well as customer specification

Dimensions

All standard dimensions

Types

Seamless and welded

Material grades

- S235
- P235GH, P250GH, P365GH
- 16Mo3, 13CrMo4-5, 10CrMo9-10, 12CrMo19-5
- P265NL
- P355NH / NL1
- L290NE, L360NE
- 1.4301, 1.4306, 1.4307, 1.4541
- 1.4401, 1.4404, 1.4571
- 1.4410 (Superduplex), 1.4462 (Duplex)

Delivery programme ASME / API

Pipes / Tubes in acc. with ASME / ASTM / 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 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, 321/H, 316/L
- UNS 32570 (Superduplex)
- UNS 31803 (Duplex)
- Special Alloys

Dimensions

1/2" to 48"

Flanges in acc. with ASME / ASTM / 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 BS 3293
API 6A

Types

- Weld Neck Flanges
- Blind Flanges
- Slip-on Flanges
- Lap Joint Flanges
- Threaded Flanges
- Socket Weld Flanges
- Long Welding Neck Flanges
- Orifice Flanges B 16.36
- Spectacle Blind B 16.48
- Special Flanges in acc. with drawing

Pressure classes

Class 150 to 2500
2,000 to 20,000 psi

Material grades

- A/SA 105/C21, P250GH, P280GH
- A/SA 182 Gr. F5, F9, F11, F12, F22, F91
- A/SA 350 Gr. LF2, P355QH1
- A 694 Gr. F52, F60, F65
- A/SA 182 Gr. F304/L, F321/H, F316/L
- 1.4301/07, 1.4541, 1.4401/04, 1.4571
- F53 (Superduplex), F51 (Duplex)
- Special Alloys

Dimensions

1/2" to 48"

Facings

- RF and RTJ
- For all requirements in acc. with customer specification

Elbows and Butt-weld Fittings in acc. with ASME / ASTM



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 plate metal, round-bar steel and in acc. with drawing

Elbow types

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

Wall thicknesses

All schedules

Material grades

- A/SA 234 Gr. WPB
- A/SA 234 Gr. WP5, 9, 11, 12, 22, 91
- A/SA 420 Gr. WPL6
- A 860 Gr. WPHY42, 52
- L290NE, L360NE
- A/SA 403 Gr. WP304/L, 321/H, 316/L
- UNS 32750 (Superduplex)
- UNS 31802 (Duplex)
- Special Alloys

Dimensions

1/2" to 48"

Equipment DIN / EN / ASME

High-pressure fittings in acc. with ASME / ASTM

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, P250GH, P280GH
- A/SA 182 Gr. F5, F11, F12, F22, F91
- A/SA 350 Gr. LF2, P355QH1
- A/SA 694 Gr. F52
- A/SA 182 Gr. F304/L, F321/H, F316/L
- 1.4301/07, 1.4541, 1.4401/04, 1.4571
- F53 (Superduplex), F51 (Duplex)



Version 5-2021

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

Standards

- Screws in acc. with DIN EN ISO 4014, 4016 and 4017
- Nuts in acc. with DIN EN ISO 4032 and 4034
- Stud-bolts in acc. with DIN 2510
- ASME 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

Gaskets in acc. with DIN EN / ASME / ASTM

Standards

- Flat gaskets in acc. with DIN EN 1514-1:
- Type IBC flat gaskets for flanges with / without raised faces
 - Type TG flat gaskets for flanges with tongue / groove
 - Type SR flat gaskets for flanges with male / female facing
 - ASME B 16.20 – for metallic RTJ-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 saddle similar to DIN 2618
- Pipe coupling
- Malleable iron fittings in acc. with DIN EN 10242
- Threaded steel fittings in acc. with DIN EN 10241
- Pipe bends with special radius
- Welded constructions

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