

OUR PROGRAMME



1/4" to 48" NB Seamless and Welded Tube

ASTM/ API

ANSI B36.10 / B36.19

Carbon Steel;

A53 grade A grade B
A106 grade B grade C
A333 grade 3 grade 6
API 5L grade B / X42
X52 / X60 / X60 / X70

Alloy Steel;

A335 grade P1
A335 grade P5
A335 grade P9
A335 grade P11/12
A335 grade P22
A335 grade P91

Stainless Steel;

A312 / A358;

TP 304 (L/H) UNS S 30400
TP316 (L/H/Ti) UNS S31600
TP321 (H) UNS S 32100
TP347 (H) UNS S 34700

A790;

6 M0 UNS S 31254
Duplex UNS S 31803
Super Duplex UNS S 32750 / 32760

DIN

DIN2448 - DIN2458

Carbon Steel;

St.37.0 RSt.37.2
St.35.8 I & III
TStE 355 W
TStE 420 W

Alloy Steel;

15Mo3
13CrMo44
10CrMo9-10
X10CrMoVNb9-1

Stainless Steel;

WSt. 1.4301 / 1.4306
WSt. 1.4401 / 1.4404 / 1.4571
WSt. 1.4541
WSt. 1.4550
WSt. 1.4529
WSt. 1.4462
WSt. 1.4501

1/4" to 48" NB Seamless and Welded Fittings

ANSI

Elbows;

ANSI B16.9 / MSS-SP75
LR45 - LR90 - LR180
ANSI B16.28
SR90 - SR180

DIN

Elbows;

DIN2605 teil 1 / teil 2
3S-45 / 3S-90 / 3S-180
5S-45 / 5S-90 / 5S-180
2S-90 / 2S-180

Tees:
ANSI / MSS

Tees:
DIN2615 teil 1 / teil 2

Caps:
ANSI / MSS

Reducers:
DIN2616 teil 1 / teil 2

Caps
DIN2617 / DIN 28011

ASTM

Carbon Steel:
A234 WPB WPC
A420 WPL3 WPL6
A860 WPHY42 / 52 / 60 / 65 / 70

Alloy Steel:
A234 WP1
A234 WP5
A234 WP9
A234 WP11/WP12
A234 WP22
A234 WP91

Stainless Steel:
A403 WP304 (L/H)
A403 WP316 (L/H/Ti)
A403 WP321 (H)
A403 WP347 (H)
A815 UNS S31254 6Mo
A815 UNS S318034 Duplex
A815 UNS S32750 Super Duplex

DIN

Carbon Steel:
St.35.8 I & III
TStE 355 W
TStE 420 W

Alloy Steel:
15Mo3
13CrMo44
10CrMo9-10
X10CrMoVNb9-1

Stainless Steel:
WSt. 1.4301 / 1.4306
WSt. 1.4401 / 1.4404 / 1.4571
WSt. 1.4541
WSt. 1.4550
WSt. 1.4529
WSt. 1.4462
WSt. 1.4501

1/4" to 48" NB Seamless and Welded Fittings

Flanges:
to ANSI B16.5, ANSI B16.36 (orifice Flanges), ANSI B16.47-a
(MSS SP-44, ANSI B16.47-b (API 605), DIN, BS3293 and API
6A / 6BX

Types include:
Welding Neck, Slip-On, Blind, Socket Weild, Lap Joint, Screwed,
as well as Long Welding Neck, COver, Swivl, ANchor, Pad and
Reducing Flanges

Pressure Classes;

ANSI / BS 150# - 2500#, DIN PN6 - PN400

API 5000 psi - 25000 psi

Facings;

Raised Face / Ring Type Joint, Flat Face / Full Face, Small & Large MAle / Female , Small & Large Tongue / Groove

Forged fittings;

to ANSI B16.11 / BS3799 - Socket Weld & Srewed

Sizes;

1/8" - 4" NB, Pressure Classes 3000# - 6000# - 9000#

Types include;

Elbows 90, Elbows 45, Street Elbows, Tees, Couplings, Caps, Plugs, Bushings, Reducing Inserts, Crosses, Unions and Nipples

Forged Olets;

to Bonney Forge or calculated to Stoomwezen Rules or Customer Design data 1/2" - 24" NB, 3000# - 6000#, sch. STD-XXS, Plain / BW / Scr (NPT or BSP)

Types include;

Weldolets, Sockolets, Threadolets, Nipolets, Latrolets, Sweepolets, Elbolets & Nipoflanges

1/4" to 48" NB Flanges and Forgings

ASTM / API

DIN

Carbon Steel;

A105

A350 LF2, LF3, LF4, LF6

A694 F42 / F52 / F60 / F65 / F70

Carbon Steel;

C21

C22.8

TStE 355 / 420

Alloy Steel;

A182 F1, F5, F9, F11/12, F22, F91

Alloy Steel;

15Mo3

13CrMo44

10CrMo9-10

X10CrMoVNb9-1

Stainless Steel;

A182 F304 (L/H) UNS S30400
A182 F316 (L/H/Ti) UNS S31600
A182 F321 (H) UNS S32100
A182 F347 (H) UNS S34700
A182 F44 6Mo UNS S31254
A182 F51 Duplex UNS S31803
A182 F55 Super Duplex UNS S32750/
UNS S32760

Stainless Steel;

WSt. 1.4301 / 1.4306
WSt. 1.4401 / 1.4404 / 1.4571
WSt. 1.4541
WSt. 1.4550
WSt. 1.4529
WSt. 1.4462
WSt. 1.4501

"Specials"

Pipe

In unusual material grades or wall thicknesses
heavier than ANSI schedules

Fittings

Solid forgings for Elbows and Tees from stock, e.g.
in Low Temperature and Alloy Steel grades

Flanges

Many flanges are stocked 'semi-finished' to allow
special facing, end preparation or drilling

Solid bar

Bar is stocked in diameter from round 30 mm to over
round 500 mm, in a wide range of Carbon, Alloy and
Stainless Steel grades

Forgings & Rings

To customer specification are continuously sourced from first
class forge masters

Long welding neck flanges

Longer than standard lengths, in standard and heavy type

Bends

Special bends with any radius, often manufactured from our
stock pipe in any size and grade

Stub ends

To ANSI or MSS-SP, in all sizes and grades

Spectacle blinds

And Line blinds are machined and assembled in-house in any size or grade

Riser materials

Riser Pipe, Riser Bends, Swivel Flanges, Anchor Flanges, Barred Tees etc.
for off-shore facilities

Big Sizes

Sizes over 48"NB, up to any diameter required, made to order in
any grade or specification

Ancillary equipment

Such as Valves, Y-Strainers, Gaskets and Fasteners are regularly
supplied to complete a customer's project