



PRO Alloy bv

STAINLESS, DUPLEX, SUPER DUPLEX FLANGES AND FITTINGS



PRO Alloy bv

PRO Alloy is Europe's leading stockholder for Stainless, Duplex, Super Duplex, Chrome Moly flanges and fittings.

Our inventory consists of a complete range of products. We can supply complete packages of branch, butt weld, screwed, socket welding fittings and flanges.

PRO Alloy is located approximately 5 kilometer from Rotterdam sea- and airport and close to major highway connections.

The total surface of our premises is 20.000 m². Our warehouses cover an area of 15.000m².

The volume of our stock is more than 40.000 tons divided over more than 10.000 products.

We have in-house testing facilities and a fully equipped machine shop, which enables us to provide a full range of services to our customers and optimize our flexibility.

PRO Alloy can depend on a policy which ensures a skilled, well trained workforce, state of the art equipment and software.

PRO Alloy has more than 35 years experience in handling turn key projects and emergency supplies for shut downs of international operating companies.

Since 1988, our company is ISO 9001 certified.

Quality assurance has always been our motto, not just an empty shell.

PRO Alloy was founded in 1978.





The world's largest and most comprehensive stockholder for Stainless, Duplex and Super Duplex Butt-Weld Fittings

OUR STOCK PROGRAM FITTINGS COMPRISES OF

- Elbows and 45, 90, 180 degrees Long and Short Radius, Concentric and Eccentric Reducers, Equal- and Reducing Tees and Caps.
- **Sizes:**
From ½" up to and including 24".
- Wall thickness available from schedule STD up to and including schedule 160/XXS.
- Dimensions and tolerances in accordance with ASME B16.9 and B16.28.

EXOTICS AND NICKEL ALLOYS

PRO Alloy stocks pipes and forgings in a wide variety of nickel and titanium alloys enabling us to produce any kind of special fitting.

SPECIALS

Our experience of more than 35 years working with leading Chemical, Petrochemical, Offshore and Engineering companies, has resulted in a stock with today's most stringent specifications in accordance with the ASME/ASTM standards, to cover virtually every demand.

Our stock of special fittings and pipes in heavy wall thickness and special sizes up to 24" is suitable to cover almost every need in making non-standard fittings and emergency delivery of non-stock material.

Our own factory and in-house machine shop enables us to produce all kind of Flanges, Forgings, Nozzles, Fittings and other products to customer requirements on emergency basis.

MATERIAL GRADES

Austenitic Stainless Steel

ASTM / ASME – SA 403	WP	304	UNS	S30400
		304L		S30403
		304H		S30409
		316		S31600
		316L		S31603
		321		S32100
		321H		S32109
		347		S34700
		347H		S34709
		31254		S31254

Nickel - Alloys

ASTM / ASME – SB 127 / SB 165	WP	NC	UNS	N04400
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Duplex – Steel

ASTM / ASME – SA 815			UNS	S31803
				S32205
				S32750
				S32760

PRODUCT RANGE

	10S	40S	80S	160	XXS
Elbow 45 degr. Long Radius	■	■	■	■	■
Elbow 90 degr. Long Radius	■	■	■	■	■
Elbow 180 degr. Long Radius	■	■	■		
Elbow 45 degr. Short Radius	■	■	■		
Elbow 90 degr. Short Radius	■	■	■		
Elbow 180 degr. Short Radius	■	■	■	■	■
Equal Tees	■	■	■	■	■
Reducing Tees	■	■	■	■	■
Concentric Reducers	■	■	■	■	■
Eccentric Reducers	■	■	■	■	■
Caps	■	■	■	■	■

■ = ex stock available ■ = ex mill production



Stainless, Duplex and Super Duplex Butt-Weld Fittings



The world's largest and most comprehensive stockholder for Stainless Steel, Screwed Socket-Weld and Branch Fittings

OUR STOCK PROGRAM FITTINGS COMPRISES OF

- Elbows 45 and 90 degrees, Street Elbows, Reducing Tees, Half-, Full- and Reducing Couplings, Caps, Unions, Hexagon and Reducing Hexagon Nipples, Reducing Bushing and inserts, Straight- and Swage Nipples and Branch Fittings.
- **Connections:**
Screwed NPT, Socket Welding and Butt- Welding ends.
- **Sizes:**
From ½" up to and including 4".
- Dimensions in accordance with ASME B16.11, MSS-SP95 and MSS-97.

EXOTICS AND NICKEL ALLOYS

PRO Alloy stocks Pipes, Forgings and Billets in a wide variety of nickel and titanium alloys to produce any kind of special fitting.

SPECIALS

Our own in-house machine shop enables us to produce any kind of Fitting and Branch Fitting in accordance with specific customers requirements.

MATERIAL GRADES

Austenitic Stainless Steel

ASTM/ASME – SA 182	F304	UNS	S30400
	F304L		S30403
	F304H		S30409
	F316		S31600
	F316L		S31603
	F321		S32100
	F321H		S32109
	F347		S34700
	F347H		S34709
	F44		S31254
	F51		S31803
	F60		S32205

Nickel - Alloy

ASTM/ASME – SB 564		UNS	N04400
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QUALITY ASSURANCE, CONTROL AND TESTING

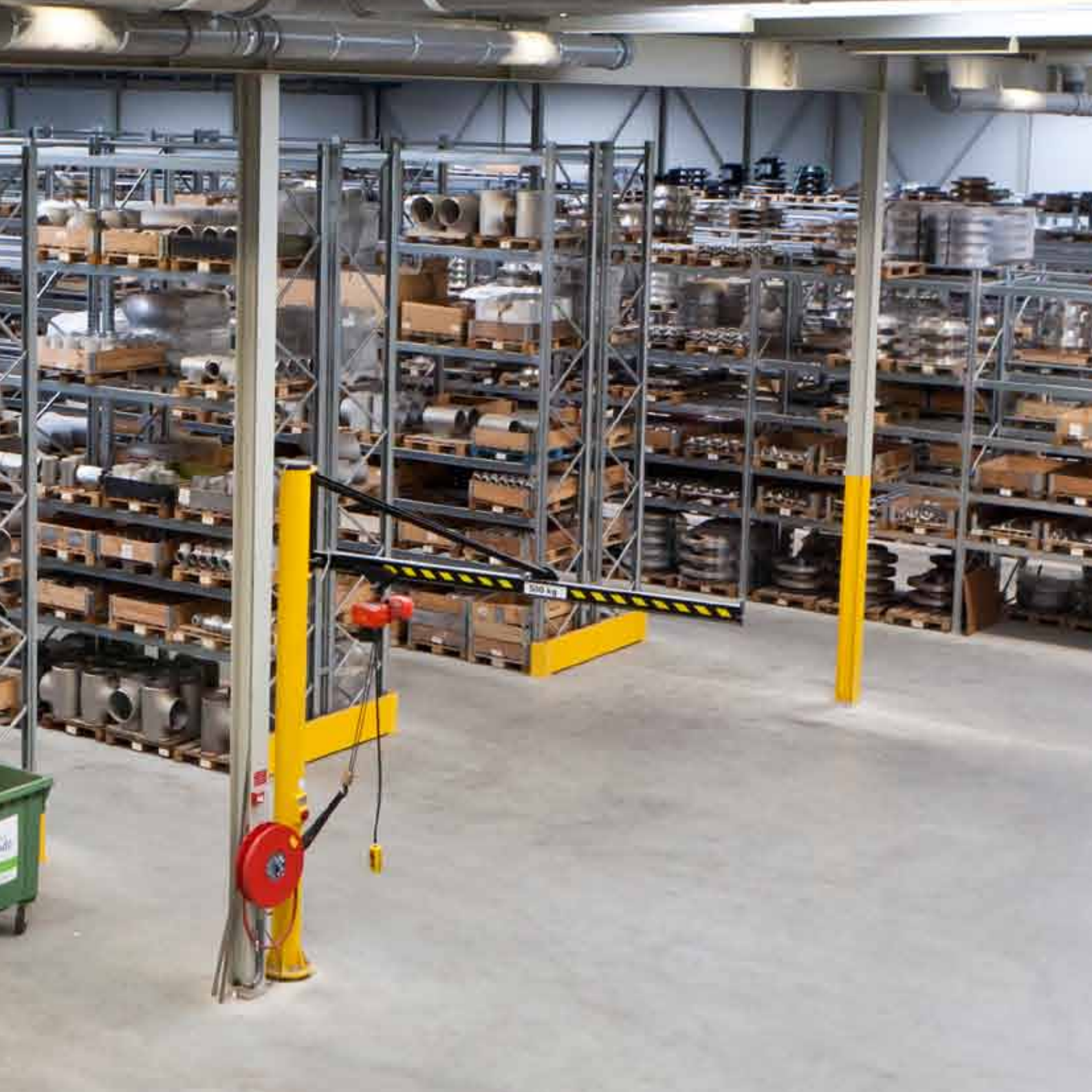
We are familiar with additional testing and certification in accordance with National as well as International standards and specific customer requirements.

PRO Alloy is ISO 9001 approved since 1988 and accredited by Lloyd's.

All our products are manufactured by reputable manufacturers approved by all major Chemical, Petrochemical and Offshore companies.









The world's largest and most comprehensive stockholder for Stainless, Duplex and Super Duplex Flanges

OUR STOCK PROGRAM FOR FLANGES COMPRISES OF

- **Stock program Ansi-Flanges**
Welding-Neck, Slip-On, Blind, Socket-Weld, Screwed, Lap-Joint and Long Welding-Neck flanges.
- **Sizes:**
Pressure classes from 150 lbs up to and including 600 lbs.
Sizes: from ½" up to and including 36".
- Pressure classes from 900, 1500 and 2500 lbs.
Sizes: from ½" up to and including 16".
- Dimensions and tolerances in accordance with ANSI/ASME B16.47, series A and B, MSS-SP44, API 605, BS 3293.



MATERIAL GRADES

Austenitic Stainless Steel

ASTM / ASME – SA 182	F304	UNS	S30400
	F304L		S30403
	F304H		S30409
	F316		S31600
	F316L		S31603
	F316TI		
	F321		S32100
	F321H		S32109
	F347		S34700
	F347H		S34709
	F44		S31254

Duplex Steel

	F51		S31803
	F53		S32750
	F55		S32760
	F60		S32205

EXOTIC AND NICKEL ALLOYS

PRO Alloy stocks billets and forgings in a wide variety of nickel and titanium alloys.

SPECIALS

Our own factory and in-house machine shop enable us to produce all kinds of Flanges, Forgings, Nozzles, Fittings and other products to customer requirements on emergency basis.



Primary Flow Elements



Primary Flow Elements in accordance with ASME B 16.48 or customer standard

- Spectacle Blinds
- Spades
- Spacers
- Orifice Flanges
- Orifice Plates and Restriction Plates.

We are capable to supply flow elements in all sizes and customer standards.

Extensive rawmaterial and semi-finished products are available ex stock.
Our in-house machining equipment guarantee controlled delivery and quality assurance.

QUALITY ASSURANCE, CONTROL AND TESTING

We are familiar with additional testing and certification in accordance with National as well as International standards and specific customer requirements.

PRO Alloy is ISO 9001 approved since 1988 and accredited by Lloyd's.

All our products are manufactured by reputable manufacturers approved by all major Chemical, Petrochemical and Offshore companies.





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