



# ITALIAN EXCELLENCE

Global Alloys s.r.l. is a ISO certified experienced supplier, at your side for the most complete projects in the most critical sectors thanks to our collaboration with excellent Italian producers with references and long production history and in depth technical support, we can provide tailor made solutions to your specification and design for full range of materials and products for most demanding environments. We supply **materials and semi-finished products in nickel alloys, duplex and stainless steel made in Italy** for industries such as:

Oil and gas, off shore,  
sub sea, valves  
and pipelines



Chemical e  
pharmaceutical plants



Rafineries,  
heat exchangers,  
industrial furnaces



Ship building, aerospace,  
naval and military  
constructions



Gas or steam  
turbines



# WE SUPPLY PACKAGES OF SEMIFINISHED PRODUCTS IN STAINLESS AND DUPLEX STEEL NICKEL ALLOYS THAT INCLUDES:

## 01 FORGINGS

Discs, rings, sphere, nozzels; blocks, shafts, closeres, forged to customer design and specification, machined and semifinished component most often requested standards: API, NACE, NOSRSOK, RINA, ASTM , G28, Others

## 04 FORGED SEAMLESS OR WELDED FITTINGS:

Fittings eitehr from stock , or produced as forged or from tubes as: Bends, elbows tees reducers, nozzels and finished components.

## 02 SEAMLESS OR WELDED TUBES

Seamless tubes from stock, drawn to size or welded tubes thick wall, and prefabricated elements from tubes to your design and specification.

## 05 FABRICATED FILTERS FORGED OR CAST:

Filters suitable for rafineries, petrolchical plants. According to drawing and specification suitable for rafineries: Y forgeded bar tee; straight tee, fabricated baskets, temporary, special shapes.

## 03 FLANGES

Standard or made to size: blind, slip on welding neck, socket welding, long welding neck , special shape.

## 06 BARS SHEET OR PLATES

Base material Cut to size or shape, roud or flat and square bars forges, rolled, cut to size or bored and drilled. Sheets and plates, waterjet , or plasma cut.





## FORGINGS IN RANGE Ø out: max 2.100 mm: Height max 690 mm; weight: max 10.000 kg.

**Materials:** Stainless steels, austenitic, martensitic, super austenitic, duplex and super duplex, Nickel Alloys Titanium  
According to standard specification like: ASTM; NACE, Norsok, API G28 and specific clients specification.  
Shape as: Bushes/Rings, Bodies, Closures, Nozzles, Balls, Discs, Flat Bars, Flanges and more...







# WE STOCK SEAMLESS TUBES, AND PRODUCE THICK WALL WELDED TUBES AND PREFABRICATED TUBES



## Thick wall welded tubes

Thanks to our specialised partners , we can supply welded tubes with thick wall and prefabricated shapes to your design.

- **Production range:** Diameter: 6" - 82". Wall thickness: up to 60 mm. Length: up to 12 meters.
- **Welding methods:** EFW, PAW, GTAW, SAW. Our welding procedures (WPS) are approved by: DNV, RINA, TUV. Our
- **Welders are qualified:** according to the following standards: ASME IX, EN1418, EN9606-4, EN287-1.
- **Products can be supplied in:** accordance with the following standards: ASTM, ASME, EN, PED, DNV, NACE, Norsok
- **Materials are :** nickel alloys, duplex e stainless steels, as well as titanium

## Prefabricated tubes



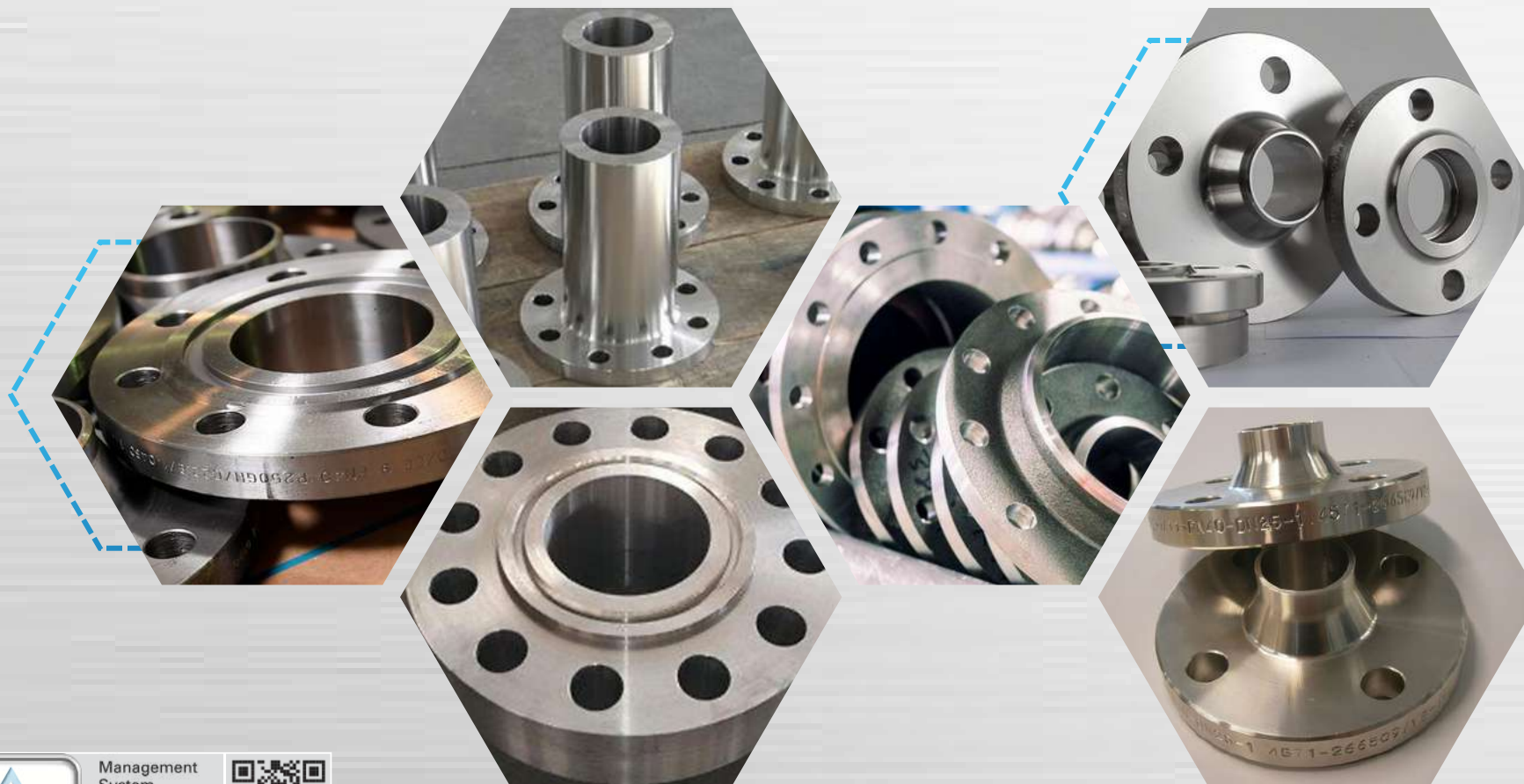




# FLANGES, STANDARD OR MADE TO SIZE

We provide stainless steel and duplex flanges from stock .  
And can produce flanges in nickel alloys and special stainless grades in small quantities to various standards.

Flanges standard from stock According to standards:  
DN, PN , EN; ANSI, ASTM



## Sizes according to:

**DIN – EN1092-1 – EN1759-1 – NFE – BS10/BS4504 - ISO7005-1**

- PN2.5/PN06/PN10 up to DN800
- PN16/PN25/PN40 up to DN600
- PN63/PN100 up to DN500
- PN160/PN250 up to DN300
- PN320/PN400 up to DN200

**Classe 150(lb) fino a 24" secondo la ASME/ASTM B16.5 – B16.36 – B16.48**

- Class 300(lb) up to 20" ;
- Class 600(lb) up to 20" ;
- Class 900(lb) up to 16"
- Class 1500(lb) up to 10" ;
- Class 2500(lb) up to 8"

## TYPES OF FLANGES :

- WN – Welding Neck: EN-TYPE 11;
- BL – Blind: EN-TYPE 05
- SO – Slip On: EN-TYPE 01/12;
- LJ – Lap Joint: EN-TYPE 02/04
- SW – Socket Weld: EN-TYPE 14;
- THR – Threaded: EN-TYPE 13
- LWN – Long Welding Neck : EN-TYPE 21;
- Welding Collars: EN-TYPE 32/34
- ORIFICE Flanges, Swivel Flanges, Spades, Spacer Rings
- Spectable Blinds, API 6A, JIS B2220, VSM, NFE, BS10/BS4504, GOST
- API 6A Flanges



## FITTINGS: FORGED OR SEAMLESS AND WELDED

We can provide forged or cast fittings, produced according to your design and specification.



We produce seamless or welded fittings, made from tubes with dimensions and tolerances according to ASME/ANSI B16.9 and EN 10253-4 (Din 2615) standards.

Thanks to our specialized partners We: can provide a wide range of fittings such as: bends, elbows, tees, reducers, bases, nozzles, support edges, threaded and socket fittings, special designs.

Diameters from 1/2" (21.3 mm) to 40" (1016 mm), thicknesses from 2 to 50 mm. We have fittings in the most commercial sizes in stock.





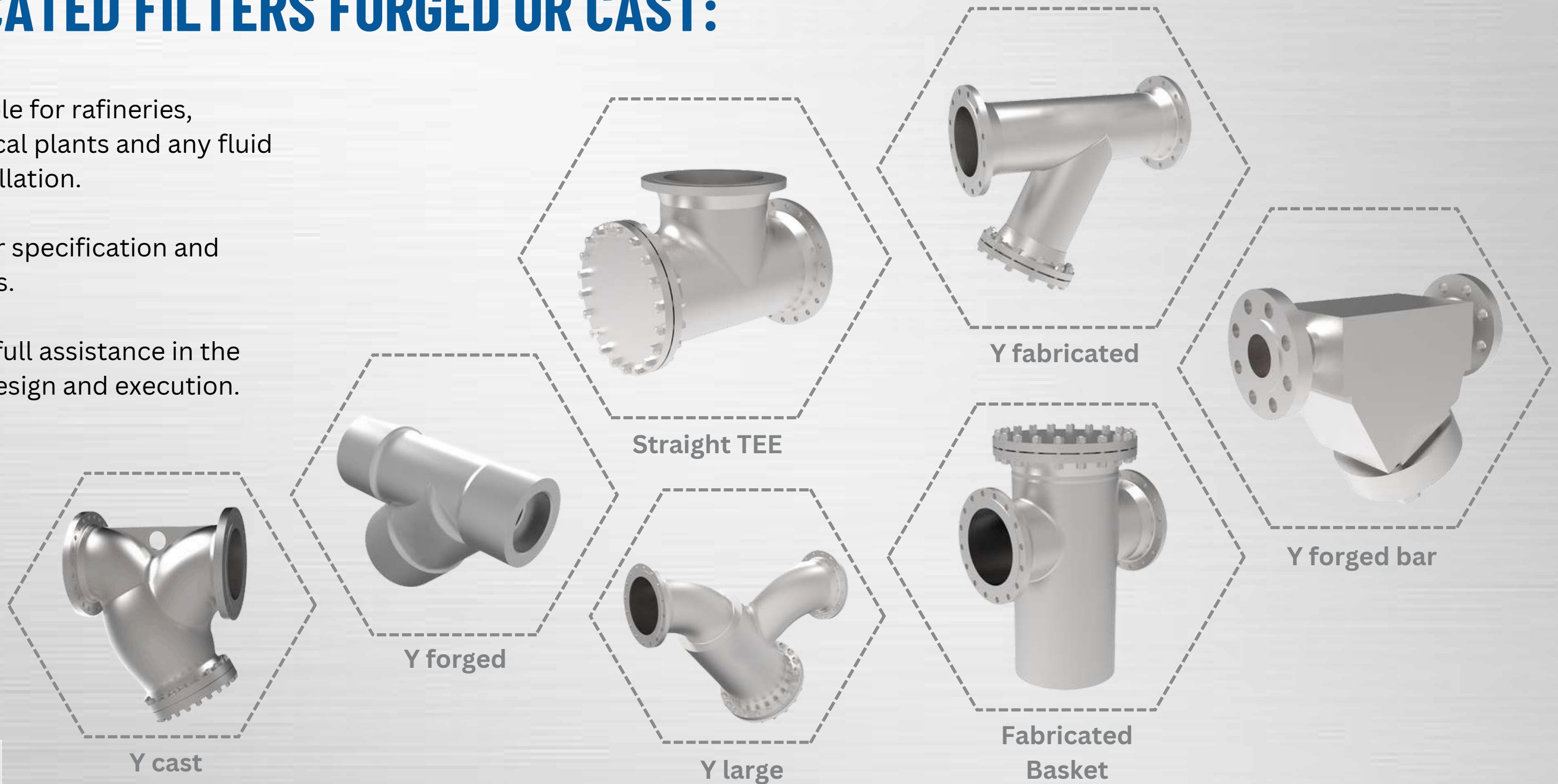


## FABRICATED FILTERS FORGED OR CAST:

Filters suitable for refineries, petrolchemical plants and any fluid control installation.

Made to your specification and requirements.

Our experts full assistance in the process of design and execution.







## BARS SHEET OR PLATES

01

We can offer bars rolled or forged up to dia 600 mm cut to size and possibly deep drill or bored, also flat or rectangular bars. Materials are all stainless steel grades, duplex and superduplex and all nickel alloys.



02

We can offer thin sheets or plates in nickel alloys duplex and stainless steels. Sheets from 0,5mm and plates up to th. 150mm. We provide cutting to shape with waterjet or plasma.

