

# EXMAR

## EXMAR offers convincing stainless steel expertise

EXMAR has been a specialist in stainless steel fittings since 1976. The wide range of products tailored to customer needs as well as quality and reliability impress customers from industry and trade. EXMAR's extensive expertise and in-house manufacturing make the company flexible, which also allows it to offer customer-specific special solutions.

You can find an overview of our catalogue range and products on our website **[www.exmar.de](http://www.exmar.de)**. There we also provide links to the CAD data.

Ask us about other products, pre-assembled units and piping.

## Delivery capability

EXMAR stands for both excellent product quality and exceptionally high availability. For this reason, EXMAR maintains a very extensive warehouse. Almost all catalogue items are available in large quantities and can be delivered **within 2 days**.

Our customers appreciate our reliable delivery service at least as much as the technical expertise and advice that our EXMAR employees provide.

## Globality

Since 2002 EXMAR has been part of the Swiss SERTO Group and thus benefits from the worldwide distribution network. Sales companies in Switzerland, Germany, France, Italy, China and India, along with over 40 distribution partners, form a global and efficient distribution network. This ensures that customers are provided with the best possible advice and support by local staff.

### EXMAR GmbH

Am Taubenbaum 6, D-61231 Bad Nauheim  
Tel. +49 (0)60 32 86986-0, [info@exmar.de](mailto:info@exmar.de)

**[www.exmar.de](http://www.exmar.de)**

# EXMAR



Stainless steel connection technology

# Overview of product range

## Cutting Ring Fittings

according to ISO 8434-1/DIN 2353

- Material: stainless steel 1.4571 / AISI 316Ti
- Series LL, L, S
- From 4 to 42 mm
- Nominal pressure up to 800 bar
- Hardened stainless steel cutting ring
- Tube connection on both sides, also as reducing fitting
- Male and female adaptor fittings with metric, Whitworth or NPT threads
- With FKM profile sealing ring or metal sealing edge
- Other variants on customer request



### Examples

#### Adjustable Male Adaptor Elbow Fittings

- Compact design
- Height difference can be compensated
- Directionally adjustable



#### Banjo Elbow Fittings

- Direction variable assembly
- Metallic or soft sealing



## NC Clamping Ring Fittings

- Material: stainless steel 1.4571 / AISI 316Ti
- Series L, S
- From 6 to 25 mm
- Nominal pressure up to 500 bar
- Clamping rings made of stainless steel for 24° DIN taper
- Inside silverplated nut for easy and safe assembly
- Fitting body according to ISO 8434-1/DIN 2353



## Tapered Seal Fittings

according to ISO 8434-1/DIN 2353

- Material: stainless steel 1.4571 / AISI 316Ti
- Series L, S
- From 6 to 42 mm
- Adjustable
- FKM O-ring on taper, male adaptor thread with FKM profile sealing ring or metal sealing edge



## Adaptor Sets for Flared Tubes

- Material: stainless steel 1.4571 / AISI 316Ti
- Adaptors, sleeves and nuts according to DIN 3949
- Positive-locking connection of 37° flanged tubes and fitting bodies with 24° DIN taper



## Adaptors

- Material: stainless steel 1.4571 / AISI 316Ti
- Simple fastening elements with male and female threads
- End elements
- Numerous designs



## Hose Couplings

### Ferrules and Nipples

- Material: stainless steel 1.4571 / AISI 316Ti
- For non-skived hydraulic hoses and stainless steel-braided PTFE hoses Jacoflon
- With 24° or 60° taper connection, male thread



## Tube Clamps

- According to DIN 3015, series A and B
- Clamp bodies in PP, PA, PA-F and aluminium
- From 4 to 76 mm
- Accessories: Cover plates, screws, weld-on plates, rail nuts and rails

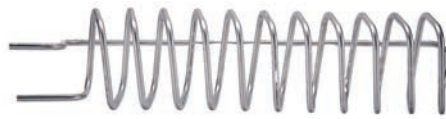


## Ready-to-install Bent Tubes and Assemblies

Our state-of-the-art 10-axis bending centre has always combined the productivity of automatic bending and machining cycles with the flexibility of universal bending tools.

We offer flexible automation, sustainable technology, adaptive system and proprietary software applications.

Thanks to the latest technology and the many years of experience of our employees, conversion to almost any bending geometry is possible.



## Ball Valves and Valves

### Ball Valves

- Material: stainless steel
- Up to max. 500 bar
- For high pressure and low pressure applications
- Pneumatic and electric actuators for high pressure ball valves
- Lockable on request



### Valves

- Needle and control valves
- Manometer valves with and without test connection



### Non-return Valves

- With tube connection or female thread on both sides
- With male connector
- Standard with FKM sealing and 1 bar opening pressure
- Optional EPDM or PTFE sealing and different opening pressures

