

# Hose Couplings



# A fitting way to make good connections

**RS hose couplings with threaded and flange connections give a new twist to versatility: available in all common sizes and many different materials, for nearly every pressure and seal type.**

**RS couplings mean**

- **Quality**
  - **Service**
  - **Proven performance**
  - **A wide range with many options**
  - **Top availability**
  - **The reliability you expect from „Made In Germany“**
- all in one package.**



## Advantages at a glance

- Convenient operation
- Flat sealing
- Economical

## Applications

- Agriculture
- Building and construction
- and many more

## Threaded connections

Hose couplings with threads and flanges, and hose connectors with serrated hose tails for use with band clamps, suitable for up to 10 bar with suitable hoses. Seals in polyurethane, or PTFE for stainless steel couplings.

### Available sizes o threads o connectors

- DN 13 – DN 100 with external thread (AG)  
R1/2" DIN 2999 – G 4A
- with internal thread (IG) G1/2 – G4
- suitable for 10 bar working pressure (PN 10)
- with flanges DN 25 – DN 250

suitable for 10 bar working pressure (PN 10),  
from DN 125 – DN 250 for 6 bar working pressure PN 6

**Material:** steel • stainless steel • brass • aluminium

## Safety clamp screw couplings to EN/ISO 14420-2/-3/-5 (DIN 2817)

Safety clamp screw couplings and hose connectors with safety collars for up to 25 bar working pressure with suitable hoses (aluminium couplings up to 16 bar, polypropylene up to 10 bar). Seals in polyurethane, or PTFE for stainless steel couplings.

### Available sizes o threads o connectors

- 13 (hose internal diameter) x 5 (wall thickness) to 100 (hose internal diameter) x 8 (wall thickness)
- with external thread (AG) R1/2" DIN 2999 – 4" NPT
- with internal thread (IG) G1/2 – 51/2" DIN 11

suitable for 25 bar working pressure (PN 25),

Hose couplings in aluminium for up to 16 bar working pressure (PN 16)

or with flanges DN 15 PN 10/16 – ASA 300 psi 8",

or in polypropylene for 10 bar working pressure (PN 10)

**Material:** steel • stainless steel • brass

- aluminium • polypropylene



### Advantages at a glance

- Easy to fit
- Flat sealing
- Reusable

### Applications

- (Petro-) chemicals
- Food and pharmaceuticals
- (Blast) Furnaces
- Liquefied gas
- Aviation fuelling
- and many more

## Safety clamp screw couplings, heavy duty for steam to EN/ISO 14423 (DIN 2826)

Safety clamp screw couplings with threads and flanges and hose connectors with safety collars and brass clamps, suitable for up to 160 bar working pressure with suitable hoses or 18 bar at 210° C (hose couplings in brass with flange couplings).

### Available sizes • threads • connectors

- 13 (hose diameter) x 6 (wall thickness) to 50 (hose diameter) x 9 (wall thickness)
- with external thread (AG) R1/2" DIN 2999 – 2" NPT
- with internal thread (IG) G1/2-M 65x2

suitable for temperatures to 230° C and 100 bar working pressure (PN 100) or with flanges DN 15 PN 10/16 – ASA 300 psi 4" for 13 (hose internal diameter) x 6 (wall thickness) to 100 (hose internal diameter) x 12 (wall thickness) DN 65 – DN 100, 64 bar working pressure (PN 64)

**Material:** steel • stainless steel • brass



### Advantages at a glance

- Eliminates uncontrolled disconnection
- Not affected by surface rust
- Full stainless steel construction

### Applications

- (Petro-) chemicals
- Food and pharmaceuticals
- (Blast) Furnaces
- Offshore
- and many more

## Couplings with threaded ferrules

Couplings with threaded ferrules to EN/ISO 14424, for up to 16 bar working pressure with suitable hoses.

Seals made of polyurethane, or PTFE for stainless steel couplings.

### Available sizes • threads • connectors

- 13 (hose internal diameter) x 5 (wall thickness) to 38 (hose internal diameter) x 6,5 (wall thickness)
- with external thread (AG) R1/2" DIN 2999 – G11/2 A or with internal thread (IG) G1/2 – G11/2

suitable for 16 bar working pressure (PN 16)

**Material:** stainless steel • brass

## Swaged couplings

Conical hose couplings with safety clamp for swaged ferrules, for up to 10 bar working pressure with suitable hoses. Seals made of NBR (Perbunan).

### Available sizes • threads • connectors

- 1/2" to 4"

suitable for 10 bar working pressure (PN 10)

### Advantages at a glance

- Low protrusion
- No dead spaces for bacterial growth
- Easy to clean



### Advantages at a glance

- Easy to fit
- Non-protruding
- Reusable

### Applications

- Petrochemicals
- Coolers
- Filling stations
- and many more

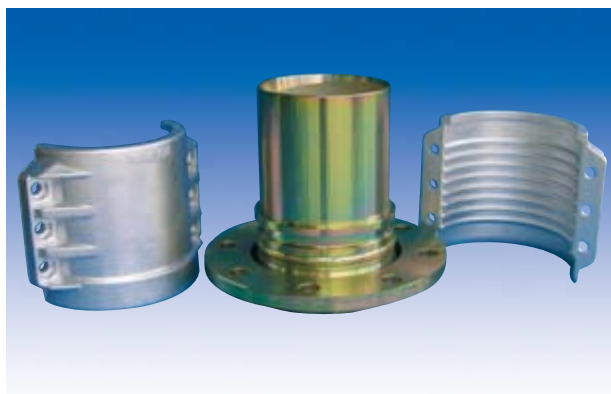


**Material:** steel • stainless steel

### Applications

- Chemicals and pharmaceuticals
- Food etc.
- and many more

# The sum of many parts



## Flanged couplings to EN/ISO 14420-4

Safety clamp screw couplings with flanges and threaded connectors with safety collar and aluminium clamps, for up to 10 bar working pressure with suitable hoses.

### Advantages at a glance

- Ultra safe
- Semi-permanent connection
- Reusable

### Applications

- (Petro-)chemicals
- Food and pharmaceuticals
- (Blast) Furnaces
- Offshore
- and many more



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