Series 02 is the smallest single hand operated coupler in the world.

Connections:
M3 Male + Female Thread, 1/8" x 1/4" Hose Barb, 1/8" + 1/16" Panel mount

Standard Design:
Coupler Body: Brass
Sleeve, Valve: Brass
Springs and Locking Ring: AISI 301
Locking Balls: AISI 420
Seals: Buna N
Plug: Brass

Options:
Seals: Buna N (P), Viton® (V), Ethylene Propylene (E), other seals on request
Material: Nickel plated, Chrome plated
Valve-Type: Single Shut-off

Series 02
Temperature Range: -40°F up to +250°F
Working Pressure: 0 – 500 psi

Single hand operated quick connect coupling with extremely small dimensions and very high flow rate.

Connections:
10/32", 1/8", 5/32", 3/16", 1/4" x 1/4", 5/32" x 1/4"
Male + Female Thread, Hose Barb, Plastic Hose Connection, Panel Mount-Hose Barb

Standard Design:
Coupler Body: Brass
Sleeve, Valve: Brass
Springs and Locking Ring: AISI 301
Locking Balls: AISI 420
Seals: Buna N
Plug: Brass

Options:
Seals: Buna N (P), Viton® (V), Ethylene Propylene (E), other seals on request
Material: Nickel plated, Chrome plated, Stainless Steel AISI 303, Stainless Steel AISI 420
Valve-Type: Single Shut-off

Interchangeability: Walther 06-003, RECTUS 91

* depending on the medium and seal material selected

Micro-Coupler
Temperature Range: -40°F up to +250°F
Working Pressure: 0 – 500 psi

This is a variation of our Series 20 coupling using a locking pin system. The valve has been shortened so that the plug seals prior to opening the coupler's valve.

Connections:
Male + Female Thread, Hose Barb, Plastic Hose Connection, Panel Mount-Hose Barb, Plastic Hose Connection with Spring Guard

Standard Design:
Coupler Body: Brass
Valve: Stainless Steel AISI 303, Stainless Steel AISI 316 L, Steel
Springs and Locking Ring: AISI 420
Locking Balls: AISI 420
Seals: Buna N
Plug: Brass

Options:
Seals: Other seals on request
Material: Stainless Steel
Valve-Type: Single Shut-off

Interchangeability: Rectus 21

Ministry Couplings
Temperature Range: -40°F up to +250°F
Working Pressure: 0 – 500 psi

Single hand operated quick connect coupling with extremely small dimensions and very high flow rate and high flow performance.

Connections:

Standard Design:
Coupler Body: Brass
Sleeve, Valve: Brass
Springs and Locking Ring: AISI 301
Locking Balls: AISI 420
Seals: Buna N
Plug: Brass

Options:
Seals: Buna N (P), Viton® (V), Ethylene Propylene (E), other seals on request
Material: Nickel plated, Chrome plated, Stainless Steel AISI 303, Stainless Steel AISI 420
Valve-Type: Single Shut-off, Double Shut-off, Safety Lock, RectuKey

Interchangeability: RECTUS 90

* depending on the medium and seal material selected

Ministry Couplings
Temperature Range: -40°F up to +250°F
Working Pressure: 0 – 500 psi

Single hand operated quick connect coupling with extremely small dimensions and very high flow rate.

Connections:
10/32", 1/8", 5/32", 3/16", 1/8" x 1/4", 5/32" x 1/4"
Male + Female Thread, Hose Barb, Plastic Hose Connection, Panel Mount-Hose Barb

Standard Design:
Coupler Body: Brass
Sleeve, Valve: Brass
Springs and Locking Ring: AISI 301
Locking Balls: AISI 420
Seals: Buna N
Plug: Brass

Options:
Seals: Other seals on request
Material: Stainless Steel
Valve-Type: Single Shut-off

Interchangeability: RECTUS 91

91 KA Sub-Miniature Coupling
Temp. Range: -40°F up to 400°F
Working Pressure: 0 – 500 psi

This is a variation of our Series 20 coupling using a locking pin system. The valve has been shortened so that the plug seals prior to opening the coupler's valve.

Connections:
Male + Female Thread, Hose Barb, Plastic Hose Connection, Panel Mount-Hose Barb

Standard Design:
Coupler Body: Brass
Sleeve, Valve: Brass
Springs and Locking Ring: AISI 301
Locking Balls: AISI 420
Seals: Buna N
Plug: Brass

Options:
Seals: Viton®, other seals on request
Material: Stainless Steel
Valve-Type: Single Shut-off

Interchangeability: RECTUS 20

Ministry Couplings
Temperature Range: -40°F up to +600°F
Working Pressure: 0 – 500 psi

This is a variation of our Series 20 coupling using a locking pin system. The valve has been shortened so that the plug seals prior to opening the coupler's valve.

Connections:
Male + Female Thread, Hose Barb, Plastic Hose Connection, Panel Mount-Hose Barb, Plastic Hose Connection with Spring Guard

Standard Design:
Coupler Body: Brass
Valve: Stainless Steel AISI 303, Stainless Steel AISI 316 L, Stainless Steel AISI 420
Springs and Locking Ring: AISI 301
Locking Balls: AISI 420
Seals: Buna N
Plug: Brass (21 series)

Options:
Seals: Other seals on request
Material: Stainless Steel
Valve-Type: Single Shut-off

Interchangeability: RECTUS 21

* depending on the medium and seal material selected

European Interchange, Ultra-Flo (1/4" Body)
Temperature Range: -40°F up to +250°F
Working Pressure: 0 – 500 psi

A "Mercedes Class" Coupling especially for industrial applications.

Connections:

Standard Design:
Coupler Body: Brass
Sleeve: Brass
Valve: Zinc Die-Casting, Nickel Plated
Springs and Locking Ring: AISI 301
Locking Balls: AISI 420
Seals: Buna N
Plug: Steel hardened, Nickel Plated

Options:
Seals: Buna N (P), Viton® (V), Ethylene Propylene (E), other seals on request
Material: Nickel plated, Chrome plated, Stainless Steel AISI 303, Stainless Steel AISI 316 L, Stainless Steel AISI 316 Ti, Stainless Steel AISI 420
Valve-Type: Single Shut-off, Double Shut-off, Safety Version, RectuKey, Self-Venting, Dry Break

Interchangeability: Cojno 320, RECTUS 26, JWL 520, JWL 530
Single hand operated quick connect coupling. The Ultra-Flo valve allows optimum flow and low pressure drop.

**Connections:**
- Male (NPT) + Female (NPSF) Thread, Hose Barb

**Standard Design:**
- Coupler Body: Brass
- Valve: Steel hardened, Nickel Plated
- Springs and Locking Ring: AISI 301
- Locking Balls: AISI 420
- Seals: Buna N
- Plug: Steel hardened, Nickel Plated

**Options:**
- Seals: Buna N, Viton®, Ethylene Propylene (E), other seals on request
- Material: Nickel plated, Chrome plated

**Valve-Types:**
- Single Shut-off, Self-Venting
**Series 37**

Conforms to the 1/2" Industrial Interchange. With high capacity/low pressure drop, it is well suited for large air tools used in heavy industry. Meets MIL-C4109 Specifications.

**Connections:**
- Male (NPT) + Female (NPSF) Thread, Hose Barb

**Standard Design:**
- Coupler Body: Brass
- Sleeve, Valve: Brass
- Springs and Locking Ring: AISI 301, 420
- Seals: Buna N
- Plug: Steel hardened, Zinc Plated

**Options:**
- Seals: Other seals on request
- Valve Type: Single Shut-Off
- Interchangeability: Hansen 5000

*depending on the medium and seal material selected*

**Series 37 KM**

Manually operated couplers are the most commonly used type for connecting pneumatic and low pressure fluid lines. Meets MIL-C4109 Specifications.

**Connections:**
- 3/8", 1/2", 3/4"
- Male + Female Thread, Hose Barb, Push-Lock

**Standard Design:**
- Coupler Body: Zinc Plated Steel with Yellow Dichromate Finish
- Sleeve: Zinc Plated Steel
- Valve: Zinc Plated Steel
- Locking Balls: Stainless Steel
- Seals: Buna N (Nitrile)
- Plug: Threaded: Steel Hardened, Zinc Plated

**Options:**
- Seals: Other seals on request
- Valve Type: Single Shut-Off
- Interchangeability: Hansen 5000

**Series 38**

This series is a single hand operated coupling that can be used with straight through or valved plugs.

**Connections:**
- 1/2", 5/8", 3/4", 1", 1 1/2"
- Male + Female Thread, Hose Barb

**Standard Design:**
- Coupler Body: Brass
- Sleeve, Valve: Brass
- Inner Sleeve: Brass
- Spring Plate: Brass
- Spring and Locking Ring: AISI 301
- Locking Balls: AISI 420
- Seals: Buna N

**Options:**
- Seals: Other seals on request
- Valve Type: Double Shut-Off
- Interchangeability: Hansen 6000

**Series 39 KB/KL**

This series is a single hand operated coupling that can be used with straight through or valved plugs.

**Connections:**
- 3/4", 1", 1 1/4"
- Male + Female Thread, Hose Barb

**Standard Design:**
- Series 39 KB:
  - Coupler Body: Brass
  - Sleeve, Valve: Brass
  - Inner Sleeve: Brass
  - Spring Plate: Brass
  - Spring and Locking Ring: AISI 301
  - Locking Balls: AISI 420
  - Seals: Buna N
  - Plug: Brass
  - Plug Profile: Brass
  - Back Body: Brass

- Series 39 KL:
  - Same as Series 39 KB

**Options:**
- Seals: Other seals on request
- Valve Type: Double Shut-Off, Dry Break
- Interchangeability: Hansen 7000

**Series 22**

Single hand operated quick connect coupling, fitted with the Ultra-Flo valve, giving it superior flow characteristics. Various interchangeability.

**Connections:**
- 1/4", 5/16", 3/8", 1/2"
- Male + Female Thread, Hose Barb

**Standard Design:**
- Coupler Body: Brass
- Sleeve, Valve: Brass
- Inner Sleeve: Brass
- Spring Plate: Brass
- Spring and Locking Ring: AISI 301
- Locking Balls: AISI 420
- Seals: Buna N
- Plug: Steel hardened, Zinc Plated

**Options:**
- Seals: Other seals on request
- Valve Type: Double Shut-Off, Self-Venting
- Interchangeability: ARO 210, Parker 50, RECTUS 22, Cejn 300, Orion 44150, RECTUS 14, JWL 522, JWL 532

**Series 14**

Series 14 is a variation of our Series 22 coupling using a locking pin system.

**Connections:**
- 1/4", 5/16", 3/8", 1/2"
- Male + Female Thread, Hose Barb

**Standard Design:**
- Coupler Body: Brass
- Sleeve, Valve: Brass
- Inner Sleeve: Brass
- Spring Plate: Brass
- Spring and Locking Ring: AISI 301
- Locking Balls: AISI 420
- Seals: Buna N
- Plug: Threaded: Steel Hardened, Zinc Plated

**Options:**
- Seals: Other Seals on request
- Valve Type: Single Shut-Off
- Interchangeability: ARO 210, Parker 50, RECTUS 22, Cejn 360, Orion 44150, JWL 522, JWL 532

*depending on the medium and seal material selected*
The Series 40 features a sealed sleeve ensuring that dirt cannot reach internal parts.


Standard Design:
- Coupler Body: Brass
- Sleeve, Valve: AISI 301
- Pins: AISI 420
- Seals: Buna N
- Plug: Steel hardened, Nickel Plated

Options: Seals: Other seals on request
Valve Type: Single Shut-Off
Interchangeability: ARO 310, Orion 44530

* depending on the medium and seal material selected

** depending on the version
The 21 KS Series couplings are designed with a safety lock system to prevent accidental disconnections.

**Connections:**
- 5/32" x 1/4", 1/4" x 5/16"  

**Standard Design:**
- Coupler Body: Brass  
- Valve: Brass  
- Spring and Locking Ring: AISI 301  
- Locking Balls: AISI 420  
- Seals: Buna N  
- Plug: Brass  

**Options:**
- Seals: Other seals on request  
- Valve-Type: Single Shut-Off, Safety  

**Material:**
- Thermoplastic  
- Brass  
- Steel Hardened, Nickel Plated  
- Brass, Nickel Plated  

* depending on the medium and seal material selected

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The 95 KS Series Couplings are designed with a safety lock system to prevent accidental disconnections.

**Connections:**
- 1/4", 5/16", 3/8", 1/2"  

**Standard Design:**
- Coupler Body: Brass, Nickel Plated  
- Valve: Brass, Nickel Plated  
- Spring and Locking Ring: AISI 301  
- Locking Balls: AISI 420  
- Seals: Buna N  
- Distance Sleeve: Brass  
- Spring Plate: Brass  
- Plug: Brass, Nickel Plated  

**Options:**
- Seals: Other seals on request  
- Valve-Type: Single Shut-Off, Safety  

**Material:**
- Thermoplastic  
- Brass  
- Steel Hardened, Nickel Plated  
- Brass, Nickel Plated  

* depending on the medium and seal material selected

---

The 96 KS Series Couplings are designed with a safety lock system to prevent accidental disconnections.

**Connections:**
- 1/4", 3/8", 1/2"  

**Standard Design:**
- Coupler Body: Brass, Nickel Plated  
- Valve: Brass, Nickel Plated  
- Spring and Locking Ring: AISI 301  
- Locking Balls: AISI 420  
- Seals: Buna N  
- Distance Sleeve: Brass  
- Spring Plate: Brass  
- Plug: Brass, Nickel Plated  

**Options:**
- Seals: Other seals on request  
- Valve-Type: Single Shut-Off, Safety  

**Material:**
- Thermoplastic  
- Brass  
- Steel Hardened, Nickel Plated  
- Brass, Nickel Plated  

* depending on the medium and seal material selected

---

The 24 KE Industrial Interchange (1/4" Body Size) are designed with a safety lock system to prevent accidental disconnections.

**Connections:**
- 1/8", 1/4", 5/16", 3/8", 1/2"  

**Standard Design:**
- Coupler Body: Brass, Nickel Plated  
- Valve: Brass, Nickel Plated  
- Spring and Locking Ring: AISI 301  
- Locking Balls: AISI 420  
- Seals: Buna N  
- Plug: Steel Hardened, Nickel Plated  

**Options:**
- Seals: Other seals on request  
- Valve-Type: Single Shut-Off, Safety- Venting System  

**Interchangeability:**
- ARO 410, Parker 50, RECTUS 22, Cejn 310, Cen 300, Orion 4410, JWL 522, JWL 532  

* depending on the medium and seal material selected

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The 26 KE European Interchange (1/4" Body Size) are designed with a safety lock system to prevent accidental disconnections.

**Connections:**
- 1/8", 1/4", 5/16", 3/8", 1/2"  

**Standard Design:**
- Coupler Body: Brass, Nickel Plated  
- Valve: Brass, Nickel Plated  
- Spring and Locking Ring: AISI 301  
- Locking Balls: AISI 420  
- Seals: Buna N  
- Pins: AISI 420  
- Plug: Stainless Steel, Nickel Plated  

**Options:**
- Seals: Other seals on request  
- Valve-Type: Single Shut-Off, Self-Venting System  

**Interchangeability:**
- Cejn 320, ARO 22, RECTUS 25, JWL 500, JWL 530  

* depending on the medium and seal material selected
The Series 21 made from POM and PVDF is the next step in the evolution of material for couplings traditionally made from various metals.

**Connections:**
- 1/8", 5/32", 1/4", 1/4" x 5/16" Male + Female Thread, Panel Mount, (Plastic Hose Connection), Hose Barb

**Standard Design:**
All material available in POM (Rectum, Delrin-Acetal), black and P/DF (RectumChem, PVDF): white except the following:
- Spring:
- Seals:

**Options:**
- Seals: Other seals on request
- Valve-Type: Straight Through, Single Shut-Off, Double Shut-Off

**Interchangeability:** RECTUS 39B

* depending on the medium and seal material selected

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The 48 Series Coupling System made of POM (Delrin-Acetal) and PVDF was developed for use in the medical, pharmaceutical, chemical, food handling and laboratory technologies industries.

**Connections:**
- 1/4", 3/8", 1/2", 1/4" x 5/16", 25 x 47, 3/4" x 15/32"
- Male + Female Thread, Hose Barb, Hose Connection

**Standard Design:**
All material available in POM (RectumPOM, black) and PVDF (RectumChem, white) or PEEK (RectumChem, white) except the following:
- Spring:
- Seals:

**Options:**
- Seals: Other seals on request
- Valve-Type: Straight Through, Single Shut-Off, Double Shut-Off

**Interchangeability:** ISO 7241-1 Series B

* depending on the medium and seal material selected

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Moldite Couplings are specifically designed for connecting coolant lines and injection molds.

**Connections:**
- 1/4", 3/8", 1/2", 1/4" Female Thread + Hose Barb, Hose Barb 45°, Hose Barb 90°, Push-Lock, Push Lock 45°

**Standard Design:**
- Coupler Body: Brass
- Sleeve: Brass (without Valve), Brass, Nickel Plated (with Valve)
- Valve: Brass
- Locking Balls: AISI 304
- Seals Series 8B: Silicone, Viton®
- Seals Series 8B:

**Options:**
- Seals: Other seals on request
- Valve-Type: Straight Through, Single Shut-Off, Double Shut-Off

**Interchangeability:** DME 1/4" (Series 88), DME 3/8" (Series 87), DME 1/2" (Series 88)

* depending on the medium and seal material selected

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Multi-Flo 8 Port Manifold Couplings (Series 08)

Multi-Couplings are used for simultaneously connecting and disconnecting complete sets of hoses for liquids as well as gaseous mediums.

**Connections:**
- 1/2", Female Thread + Hose Barb

**Standard Design:**
- Plate with 2 Handles: Aluminium, elox.
- 8 Multi Coupler
  - Coupling Body: Brass, Nickel Plated
  - Valve Body: Steel Hardened, Teflon-coated
  - Inner Parts: Brass
  - Springs: AISI 420
  - Seals: Viton®
  - Locking Rings: AISI 420
  - 2 Locking Couplers: Steel Hardened, Nickel Plated

**Options:**
- Seals: Other seals on request
- Valve-Type: Straight Through, Single Shut-off, Dry Break (Double shut-off)

**Interchangeability:** ISO 7241-1 Series B

* depending on the medium and seal material selected
The system consists of up to four different couplings, each with its own distinctive, internal body shape and corresponding plug. In addition, both the Coupler and the corresponding Plug are color-coded to enhance the principle of the system.

**Connections:**

**Standard Design:**
- **Coupler Body:** Brass
- **Sleeve:** Aluminium, Anodized
- **Valve:** Stainless Steel, AISI 301
- **Spring and Locking Ring:** Stainless Steel, AISI 420
- **Locking Balls:** Buna N
- **Seals:** Brass with anodized aluminium designation

**Options:**
- Seals: Other seals on request
- Material: Nickel Plated (N)
- Valve-Type: Single Shut-Off

---

The system consists of up to four different couplings, each with its own distinctive, internal body shape and corresponding plug. In addition, both the Coupler and the corresponding Plug are color-coded to enhance the principle of the system.

**Connections:**

**Male + Female Thread, Hose Barb, Plastic Hose Connection, Panel Mount-Hose Barb**

**Standard Design:**
- **Coupler Body:** Brass
- **Sleeve:** Aluminium, anodized
- **Valve:** Zinc Die-Casting, Nickel Plated
- **Spring and Locking Ring:** AISI 301
- **Locking Balls:** AISI 420
- **Seals:** Buna N
- **Plug:** Brass with anodized aluminium designation

**Options:**
- Seals: Other seals on request
- Material: Nickel Plated (N)
- Valve-Type: Single Shut-Off

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**Material:**
- Stainless Steel, AISI 301
- Stainless Steel, AISI 420
- Buna N
- Brass with anodized aluminium designation

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**Connections:**
- 1/8" NPTF, 1/4" NPTF, 3/8" NPTF, 1/2" NPTF, 3/4" NPTF, 1" NPTF, 1 1/2" NPTF, 2" NPTF, Female Thread

**Standard Design:**
- **Body:** Brass, Chromatized
- **Sleeve:** Brass, Chromatized
- **Valve:** Brass
- **Springs:** AISI 301
- **Seals:** Nitrile
- **Valve Holder:** Up to 212°F: Zinc-alloy, Up to 750°F: Brass
- **Plug Profile:** Steel Hardened, Zinc Chromated

**Options:**
- Seals: Viton® (V), other seals on request
- Material: Stainless Steel, POM (Delrin Acetal)
- Valve-Type: Double Shut-Off

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**Connections:**
- 1/2" NPTF, 3/4" NPTF, 1" NPTF Female Thread

**Standard Design:**
- **Body:** Steel, Zinc Plated, aquarez-treated
- **Sleeve:** Steel, Zinc Plated, aquarez-treated
- **Valve:** Brass, hard-drawn
- **Spring:** AISI 301
- **Seals:** Nitrile
- **Valve Holder:** Up to 212°F: Brass, Steel Hardened
- **Plug Holder:** (Over 750°F) Brass, Steel

**Options:**
- Seals: Other seals on request
- Valve-Type: Double Shut-off

---

**Material:**
- Steel, Zinc Plated, aquarez-treated
- Stainless Steel, POM (Delrin Acetal)
- Brass, hard-drawn
- Zinc Chromated
- Stainless Steel, AISI 420 C
- Brass, hard-drawn

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**Options:**
- depending on the medium and seal material selected
FF Series

Temperature Range: 40° up to 95°F *

The FF Series is a double shut-off dry break design, assuring no oil loss or formation of air bubbles entering into the system.

Connections:
1/2" NPTF, 3/4" NPTF, 1" NPTF, 1 1/4" NPTF, Female Thread

Standard Design:
- Body: Steel, Zinced and Yellow passivated
- Sleeve: Steel Hardened, Zinc Plated
- Valve: AISI 301
- Springs: AISI 420 C
- Seals: Nitrile
- Valve Holder: Steel, Zinc Plated

Plug Profile: Steel Hardened, Zinc Plated

Valve (without Eliminator): Steel
Valve (with Eliminator): Brass
Spring: AISI 301
Seal: Nitrile
Valve Holder: Brass

Options:
- Valves: Viton®, other seals on request
- Material: Brass
- Valve-Type: Dry Break (Double Shut-off)

IA-Series

Temperature Range: 40° up to 95°F *

The IA Series is manufactured in accordance with specification ISO 7241-1A and SMS 3275 for agricultural machinery.

Connections:
1/2" NPTF, 1" NPTF, Female Thread

Standard Design:
- Body: Brass, Chromatized
- Sleeve: Brass, Chromatized
- Valve: Steel, Nickel Plated
- Springs: AISI 301
- Locking Rings: AISI 420 C
- Locking Balls: AISI 420 C
- Valve Holder: Brass

Options:
- Seals: Viton®, other seals on request
- Valve-Type: Double Shut-off

IB-Series

Temperature Range: 40° up to +38°F *

The IB Series couplings are manufactured in compliance with ISO Standard 7241-1 Series B.

Connections:
1/4" NPTF, 3/8" NPTF, 1/2" NPTF, 3/4" NPTF, 1" NPTF, Female Thread

Standard Design:
- Body: Steel, Zinced Plated
- Sleeve: Steel, Nickel Plated
- Valve: AISI 420 C
- Springs: AISI 301
- Seals: Nitrile
- Valve Holder: Brass

Options:
- Seals: Other seals on request
- Valve-Type: Double Shut-off

IF-Series

Temperature Range: 40° up to +38°F *

The IF Series is produced in accordance with ISO Standard 16028.

Connections:
1/4" NPTF, 3/8" NPTF, 1/2" NPTF, 3/4" NPTF, 1" NPTF, 1 1/4" NPTF, Female Thread

Standard Design:
- Body: Steel, Zinc Plated, square treated
- Sleeve: Steel, Zinc Plated, square treated
- Valve: Steel, hard-drawn
- Springs: AISI 316 Ti
- Locking Balls: AISI 420 C
- Seals: Nitrile
- Valve Holder: Zinc-alloy

Options:
- Seals: Other seals on request
- Valve-Type: Dry Break (Double Shut-off)

Pressure Relief Valve

Pressure Relief Valve Temperature Range: 40° up to +38°F *

Pressure Relief Valves are used in hydraulic systems having quick connect couplings where pressure build-up would not allow mechanical coupling.

Connections:
3/8" NPTF, 1/2" NPTF, 3/4" NPTF, 1" NPTF

Standard Design:
- T-Connection: Steel
- Pressure Relief Valve: Brass
- Seal: Nitrile

Options:
- Seals: Other seals on request

Swivel Joint

Pressure Relief Valve Temperature Range: 40° up to +38°F *

Swivel Joints can be used in hydraulic systems where a rotating connection is required.

Connections:
1/4" NPTF, 1/2" NPTF, 3/4" NPTF, 1" NPTF

Standard Design:
- Body: Stainless Steel
- Swivelling Axis: Steel, nitrated or Stainless Steel
- Nut Steel, Zinc Plated
- Seals: Nitrile

Options:
- Seals: Other seals on request

* depending on the medium and seal material selected