

# NV stainless steel

## Standard couplings with poppet valve.

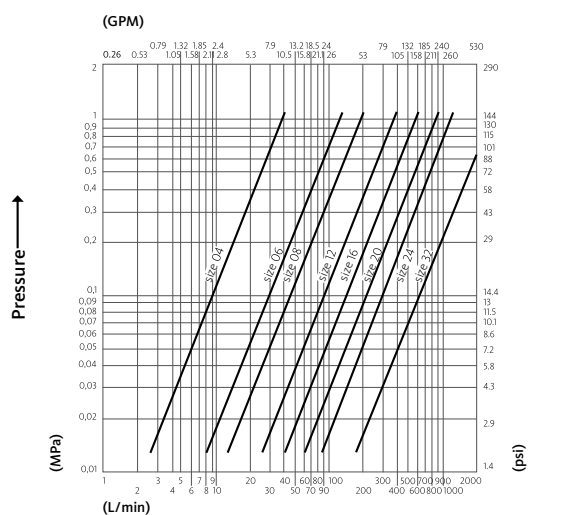
Standard couplings with poppet valve. Faster interchangeability (except size 12,5) , stainless steel versions



## Applications



## Pressure Drop



Data shown in the diagram are indicative and not binding

1 MPa = 10 bar

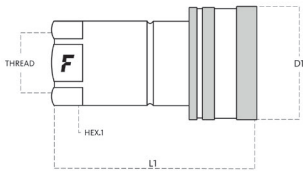
Test performed according to ISO 18869

## Technical Specifications

| dash | Size<br>mm | inch | Working Pressure<br>(MPa) | Flow Rate<br>(l/min) | Spillage<br>(ml) | Force to Connect<br>(N) | Burst pressure (MPa) |        |               |
|------|------------|------|---------------------------|----------------------|------------------|-------------------------|----------------------|--------|---------------|
|      |            |      |                           |                      |                  |                         | Male                 | Female | Male + Female |
| 08   | 12,5       | 1/2" | 275                       | 75                   | 1,8              | 80                      | 110                  | 110    | 120           |

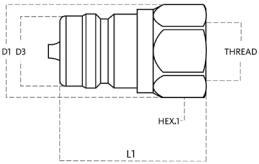
|                      |                           |
|----------------------|---------------------------|
| Material             | <b>Stainless Steel</b>    |
| Seals                | <b>FKM</b>                |
| Working temperatures | <b>- 20 ° C + 200 ° C</b> |
| Surface treatment    | <b>No</b>                 |
| Series Interchange   | <b>ISO 7241-A</b>         |

|                           |                          |
|---------------------------|--------------------------|
| Valve Type                | <b>Poppet</b>            |
| Connection                | <b>Sleeve Retraction</b> |
| Disconnection             | <b>Sleeve Retraction</b> |
| Connection Under Pressure | <b>Not Allowed</b>       |

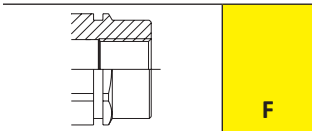


NV stainless steel

| Size |      | Thread details |            |                  | FEMALE         |                 |      |    |      |      |      |  |
|------|------|----------------|------------|------------------|----------------|-----------------|------|----|------|------|------|--|
| mm   | inch | Thread Type    | Standard   | Thread           | Part Number    | L (L1 + Thread) |      | D1 |      | HEX1 |      |  |
|      |      |                |            |                  |                | mm              | inch | mm | inch | mm   | inch |  |
| 1/2" | 12,5 | F BSPP         | ISO 1179-1 | BSPP 1/2" FEMALE | NV 12 GAS F 2V | 66              | 2,6  | 38 | 1,5  | 27   | 1,1  |  |



| Size |      | Thread details |            |                  | MALE           |                 |      |    |      |      |      |      |      |
|------|------|----------------|------------|------------------|----------------|-----------------|------|----|------|------|------|------|------|
| mm   | inch | Thread Type    | Standard   | Thread           | Part Number    | L (L1 + Thread) |      | D1 |      | D3   |      | HEX1 |      |
|      |      |                |            |                  |                | mm              | inch | mm | inch | mm   | inch | mm   | inch |
| 1/2" | 12,5 | F BSPP         | ISO 1179-1 | BSPP 1/2" FEMALE | NV 12 GAS M 2V | 44              | 1,7  | 30 | 1,2  | 20,5 | 0,8  | 27   | 1,1  |



# Accessories

## PVC dust protections



### Dust protections for female couplings

| Size |      |      | Details     |                                                                                    |                      |
|------|------|------|-------------|------------------------------------------------------------------------------------|----------------------|
| dash | mm   | inch | Part number | Colour                                                                             | Available for Series |
| 08   | 12.5 | 1/2" | TM 12 L     |   | NV stainless steel   |
| 08   | 12.5 | 1/2" | TM 12 L/A   |   |                      |
| 08   | 12.5 | 1/2" | TM 12 L/G   |   |                      |
| 08   | 12.5 | 1/2" | TM 12 L/M   |   |                      |
| 08   | 12.5 | 1/2" | TM 12 L/N   |   |                      |
| 08   | 12.5 | 1/2" | TM 12 L/R   |   |                      |
| 08   | 12.5 | 1/2" | TM 12 L/V   |  |                      |



### Dust protections for female couplings

| Size |      |      | Details     |                                                                                     |                      |
|------|------|------|-------------|-------------------------------------------------------------------------------------|----------------------|
| dash | mm   | inch | Part number | Colour                                                                              | Available for Series |
| 08   | 12.5 | 1/2" | TM 12-38    |  | NV stainless steel   |
| 08   | 12.5 | 1/2" | TM 12-38 G  |  |                      |
| 08   | 12.5 | 1/2" | TM 12-38 GR |  |                      |
| 08   | 12.5 | 1/2" | TM 12-38 M  |  |                      |
| 08   | 12.5 | 1/2" | TM 12-38 N  |  |                      |
| 08   | 12.5 | 1/2" | TM 12-38 R  |  |                      |
| 08   | 12.5 | 1/2" | TM 12-38 V  |  |                      |

## PVC dust protections

### Dust protections for male couplings

| Size |      |      | Details     |                                                                                   |                      |
|------|------|------|-------------|-----------------------------------------------------------------------------------|----------------------|
| dash | mm   | inch | Part number | Colour                                                                            | Available for Series |
| 08   | 12.5 | 1/2" | TF 12       |  | NV stainless steel   |
| 08   | 12.5 | 1/2" | TF 12 A     |  |                      |
| 08   | 12.5 | 1/2" | TF 12 G     |  |                      |
| 08   | 12.5 | 1/2" | TF 12 GR    |  |                      |
| 08   | 12.5 | 1/2" | TF 12 M     |  |                      |
| 08   | 12.5 | 1/2" | TF 12 N     |  |                      |
| 08   | 12.5 | 1/2" | TF 12 R     |  |                      |
| 08   | 12.5 | 1/2" | TF 12 V     |  |                      |

## Aluminium dust protections

### Dust protections for female couplings

| Size |      |      | Details     |                                                                                     |                      |
|------|------|------|-------------|-------------------------------------------------------------------------------------|----------------------|
| dash | mm   | inch | Part number | Colour                                                                              | Available for Series |
| 08   | 12.5 | 1/2" | TM 12 S     |  | NV stainless steel   |

### Dust protections for male couplings

| Size |      |      | Details     |                                                                                     |                      |
|------|------|------|-------------|-------------------------------------------------------------------------------------|----------------------|
| dash | mm   | inch | Part number | Colour                                                                              | Available for Series |
| 08   | 12.5 | 1/2" | TF 12 S     |  | NV stainless steel   |

# Acetal Resin dust protections



## Dust protections for female couplings

| Size |      |      | Details     |                                                                                     |                      |
|------|------|------|-------------|-------------------------------------------------------------------------------------|----------------------|
| dash | mm   | inch | Part number | Colour                                                                              | Available for Series |
| 08   | 12.5 | 1/2" | TA 12       |    | NV stainless steel   |
| 08   | 12.5 | 1/2" | TA 12 C     |    |                      |
| 08   | 12.5 | 1/2" | TA 12 G     |    |                      |
| 08   | 12.5 | 1/2" | TA 12 GR    |    |                      |
| 08   | 12.5 | 1/2" | TA 12 M     |    |                      |
| 08   | 12.5 | 1/2" | TA 12 N     |    |                      |
| 08   | 12.5 | 1/2" | TA 12 R     |    |                      |
| 08   | 12.5 | 1/2" | TA 12 V     |    |                      |
| 08   | 12.5 | 1/2" | TA 12 G UV  |    |                      |
| 08   | 12.5 | 1/2" | TA 12 M UV  |   |                      |
| 08   | 12.5 | 1/2" | TA 12 N UV  |  |                      |
| 08   | 12.5 | 1/2" | TA 12 R UV  |  |                      |
| 08   | 12.5 | 1/2" | TA 12 UV    |  |                      |
| 08   | 12.5 | 1/2" | TA 12 V UV  |  |                      |



## Dust protections for female couplings

| Size |      |      | Details     |                                                                                     |                      |
|------|------|------|-------------|-------------------------------------------------------------------------------------|----------------------|
| dash | mm   | inch | Part number | Colour                                                                              | Available for Series |
| 08   | 12.5 | 1/2" | TAID 12 N   |  | NV stainless steel   |

# Seals Kits



| Size |      |      | Details     |            |                      |
|------|------|------|-------------|------------|----------------------|
| dash | mm   | inch | Part number | Material   | Available for Series |
| 08   | 12.5 | 1/2" | SK NV 12    | NBR - PTFE | NV stainless steel   |

## FastGrip

### Line Identification System

Also Compatible with series AGRI - CPVN - CNV - 2NV - 4NV - 3CFHF - 3CKHF - 4SRHF - 4SKHF



#### MAIN ADVANTAGES

##### Visual

With Faster ID clips is possible to add information about the lines

##### Fits existing Oil Collecting System

The handle allows correct opening of oil caps when connected

##### Pressure Tested

Using a steel CrIII plated adaptor, Faster system offers same resistance to burst and pulse pressure as other line components

##### Perfect mix

Right weight, right compactness and right cost

#### DETAILS

| Handle                                    | Adaptor                                               | Colour                                    | Working pressure | Burst pressure |
|-------------------------------------------|-------------------------------------------------------|-------------------------------------------|------------------|----------------|
| PP plastic<br>UV additive<br>DIN adaptors | Steel<br>+ CrIII plating<br>500 hours Salt Spray test | Black handle<br>+ Tags in various colours | 350 bar          | 1,200 bar      |

| Symbol | Color                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|--------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|        |  |  |  |  |  |  |  |  |  |  |  |
|        | Orange                                                                              | White                                                                               | Blue                                                                                | Light Blue                                                                          | Yellow                                                                              | Grey                                                                                | Brown                                                                               | Black                                                                                 | Purple                                                                                | Red                                                                                   | Green                                                                                 |
| +      | ID A +                                                                              | ID BI +                                                                             | *ID B +                                                                             | ID C +                                                                              | ID G +                                                                              | *ID GR +                                                                            | *ID M +                                                                             | ID N +                                                                                | *ID P R4008 +                                                                         | ID R +                                                                                | *ID V +                                                                               |
| –      | ID A -                                                                              | ID BI -                                                                             | *ID B -                                                                             | ID C -                                                                              | ID G -                                                                              | *ID GR -                                                                            | *ID M -                                                                             | ID N -                                                                                | *ID P R4008 -                                                                         | ID R -                                                                                | *ID V -                                                                               |
|        |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | *ID N                                                                                 | *ID P R4008                                                                           |                                                                                       |                                                                                       |
| 1      |                                                                                     |                                                                                     | ID B 1                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       | ID V 1                                                                                |
| 2      |                                                                                     |                                                                                     | ID B 2                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       | ID V 2                                                                                |
| 3      |                                                                                     |                                                                                     | ID B 3                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       | ID V 3                                                                                |
| 4      |                                                                                     |                                                                                     | ID B 4                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       | ID V 4                                                                                |
| 5      |                                                                                     |                                                                                     | ID B 5                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       | ID V 5                                                                                |

\*Can be sold either as simple pieces, like all the others, or in a big box at 2,500 pieces.