

3NV

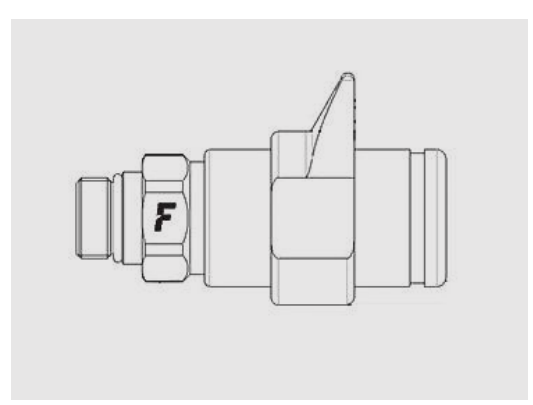


Push-pull couplings for agriculture.

Female couplings connectable with the male part under residual pressure. A sleeve retraction facilitator helps to connect and disconnect. ISO 7241-1 part A interchange.



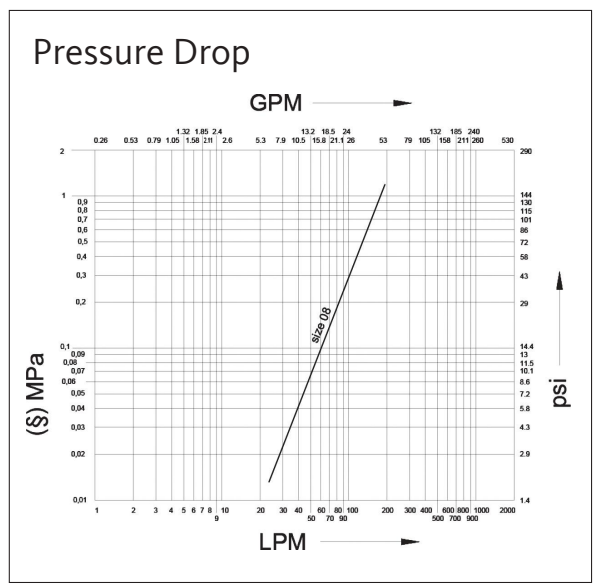
Applications



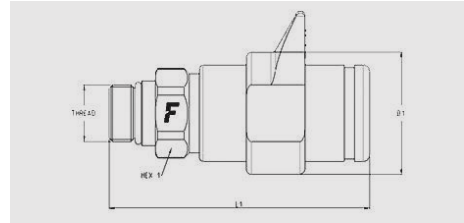
Technical Specifications

| dash | Size | | Working Pressure (MPa) | Flow Rate (l/min) | Spillage (ml) | Force to Connect (N) | Burst pressure (MPa) | | |
|------|------|------|------------------------|-------------------|---------------|----------------------|----------------------|--------|---------------|
| | mm | inch | | | | | Male | Female | Male + Female |
| 08 | 12,5 | 1/2" | 25 | 75 | 1,8 | 110 | 100 | 100 | |

| | |
|---------------------------|-------------------------------------|
| Material | Steel |
| Seals | NBR |
| Working temperatures | - 25 °C to + 125 °C |
| Surface treatment | MATE 500 (CrIII) |
| Series Interchange | ISO 7241-A |
| Valve Type | Poppet |
| Connection | Sleeve Retraction |
| Disconnection | Sleeve Retraction |
| Connection Under Pressure | Allowed Male Half up to W.P. |



3NV



| Size | | Thread details | | | FEMALE | | | | | | |
|------|------|----------------|-------------|------------------------|----------------|-----------------|------|------|------|------|------|
| inch | mm | Thread Type | Standard | Thread | Part Number | L (L1 + Thread) | | D1 | | HEX1 | |
| | | | | | | mm | inch | mm | inch | mm | inch |
| 1/2" | 12,5 | 0/ SAE | ISO 11926-1 | 3/4"-16 UNF FEMALE ORB | 3NV 12-12SAE F | 100 | 3,9 | 48,0 | 1,9 | 27,0 | 1,1 |
| 1/2" | 12,5 | 01/ SAE | ISO 11926-3 | 7/8"-14 UNF MALE | 3NV1/78 UNF F | 102,6 | 4,0 | 48,0 | 1,9 | 32,0 | 1,3 |

Accessories

PVC dust caps



Plugs suitable for FEMALE



Plugs suitable for FEMALE

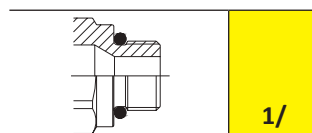
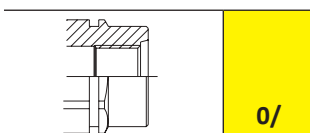
| Size | | | Plug Details | | Size | | | Plug Details | |
|------|------|------|--------------|--------|------|------|------|--------------|--------|
| inch | mm | dash | Part number | Colour | inch | mm | dash | Part number | Colour |
| 1/2" | 12,5 | 08 | TM 12 L | blue | 1/2" | 12,5 | 08 | TM 12-38 | blue |
| 1/2" | 12,5 | 08 | TM 12 L/A | orange | 1/2" | 12,5 | 08 | TM 12-38 G | yellow |
| 1/2" | 12,5 | 08 | TM 12 L/G | yellow | 1/2" | 12,5 | 08 | TM 12-38 GR | grey |
| 1/2" | 12,5 | 08 | TM 12 L/M | brown | 1/2" | 12,5 | 08 | TM 12-38 M | brown |
| 1/2" | 12,5 | 08 | TM 12 L/N | black | 1/2" | 12,5 | 08 | TM 12-38 N | black |
| 1/2" | 12,5 | 08 | TM 12 L/R | red | 1/2" | 12,5 | 08 | TM 12-38 R | red |
| 1/2" | 12,5 | 08 | TM 12 L/V | green | 1/2" | 12,5 | 08 | TM 12-38 V | green |

Aluminium dust caps



Plugs suitable for FEMALE

| Size | | | Plug Details | |
|------|------|------|--------------|--------|
| inch | mm | dash | Part number | Colour |
| 1/2" | 12,5 | 08 | TM 12 S | |



3NV Accessories

Acetal Resin (POM) dust caps




Caps suitable for FEMALE

| Size | | | Cap Details | |
|------|------|------|-------------|--|
| inch | mm | dash | Part number | Colour |
| 1/2" | 12,5 | 08 | TA 12 | blue |
| 1/2" | 12,5 | 08 | TA 12 G | yellow |
| 1/2" | 12,5 | 08 | TA 12 G UV | yellow |
| 1/2" | 12,5 | 08 | TA 12 GR | grey |
| 1/2" | 12,5 | 08 | TA 12 M | brown |
| 1/2" | 12,5 | 08 | TA 12 M UV | brown |
| 1/2" | 12,5 | 08 | TA 12 N | black |
| 1/2" | 12,5 | 08 | TA 12 N UV | black |
| 1/2" | 12,5 | 08 | TA 12 R | red |
| 1/2" | 12,5 | 08 | TA 12 R UV | red |
| 1/2" | 12,5 | 08 | TA 12 UV | blue |
| 1/2" | 12,5 | 08 | TA 12 V | green |
| 1/2" | 12,5 | 08 | TA 12 V UV | green |
| 1/2" | 12,5 | 08 | TAID 12 N | Black automatic cap with possibility to identify the lines with a plastic ID, having different colors and +/- information. To order this cap and the ID, please contact Faster |

Seal Kits

For Female

| | Size | | | Seal Details | |
|---|------|------|------|--------------|-------------|
| | inch | mm | dash | Material | Part Number |
|  | 1/2" | 12,5 | 08 | NBR; PTFE | SK NV 12 |

Every seals kit is composed of 5 or 10 pcs.