

Part number:

074-10637

HYDROMA

HYDRAULICKÉ SYSTÉMY

**HIDROMA
SYSTEMS**

UKŁADY HYDRAULICZNE

HYDROMA

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

• **Materials**

Body: Carbon Steel EN -10277-3

Seals: NBR, Viton or EPDM

Back-Up-Ring: PTFE

Balls: AISI 1010/1015

Springs: Carbon Steel

DIN 17233/84(B)

• **Working temperature (Seals)**

| | NBR | Viton | EPDM |
|---|--------|--------|--------|
|  | +100°C | +200°C | +150°C |
| | -30°C | -10°C | -40°C |

• **Applications:** Designed for Oil hydraulic Applications according to European Directive 97.23.EC

• **Sectors:** Industrial, Agricultural



• **Equivalence**

FASTER ANV

AEROQUIP FD56

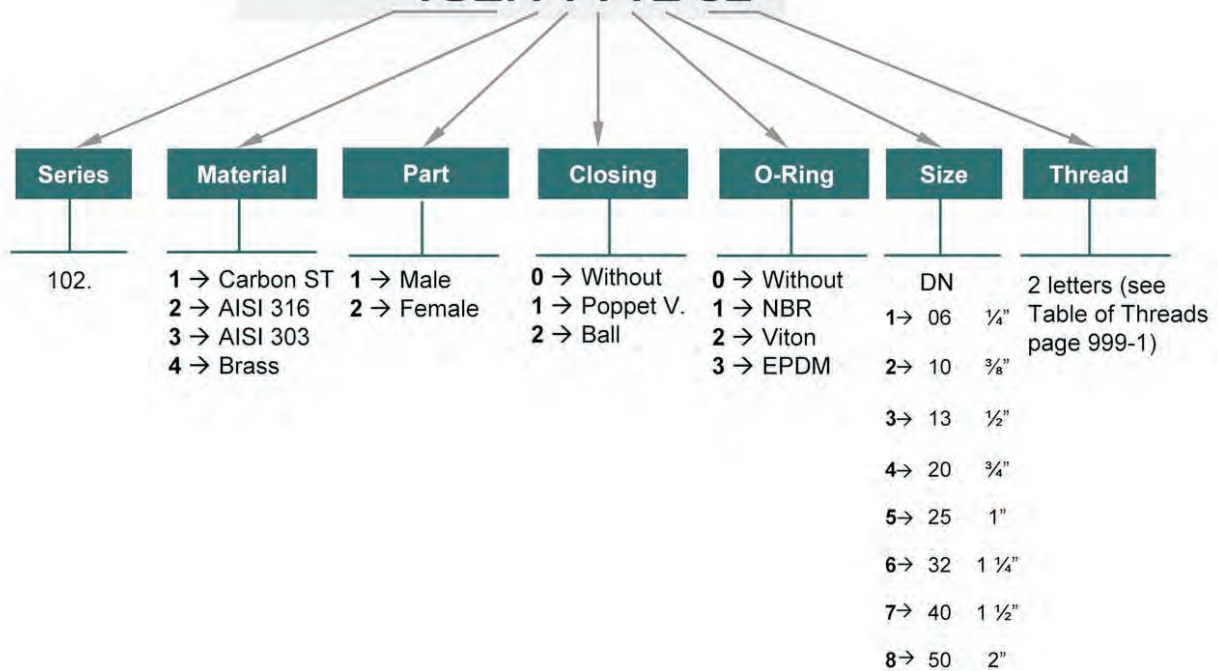
PARKER 6600

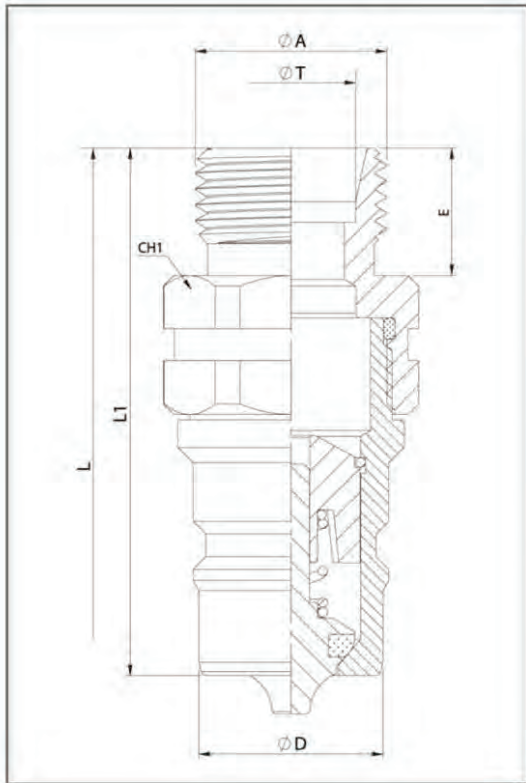
SNAP-TITE 61


MODEL STRUCTURE

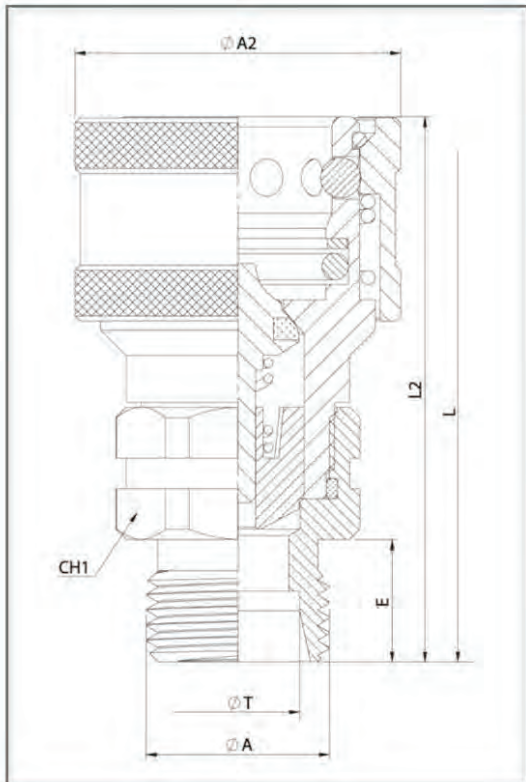
Example;


102.11112 JE

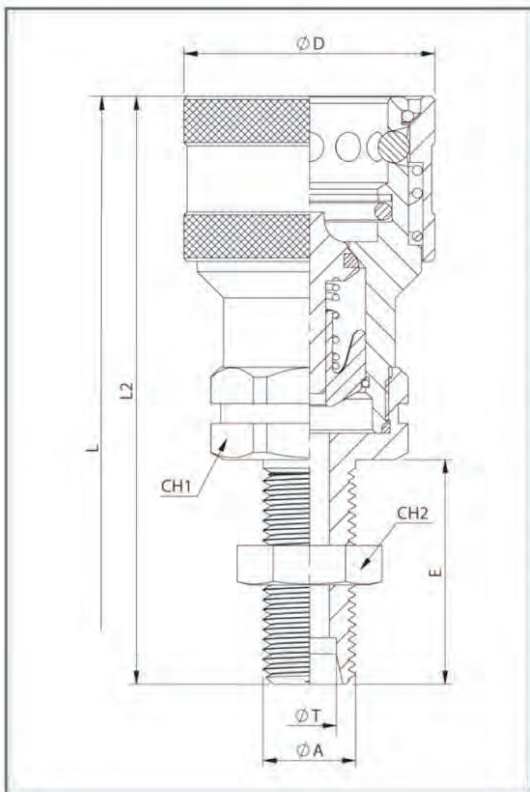
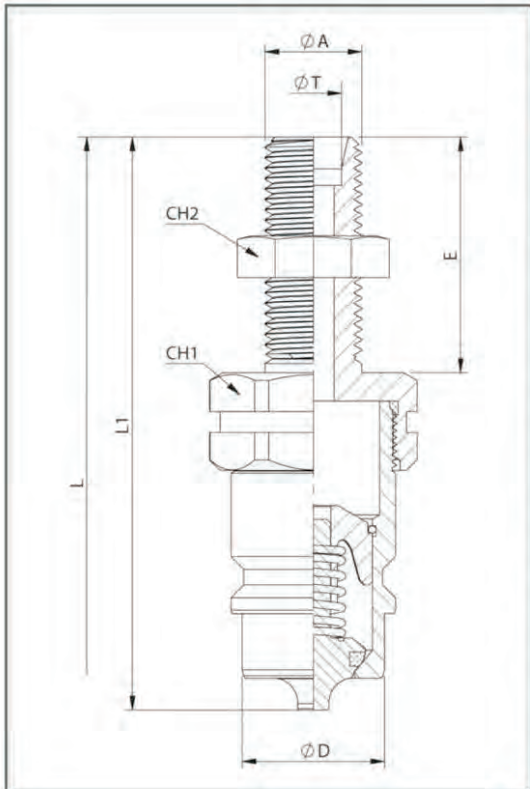





| STANDARD MALE MODELS | | | | | | | | | | | | | | |
|----------------------|---------|-------------|-------------|---|-----|----|-------|--------|---|----|---|-------|----|---|
| DN | ØA | ØT | REF. |  | CH1 | L1 | ØD | E | L | | | | | |
| 06 | M12x1,5 | 6L | 102.11111JB | 350Bar | 19 | * | 11,8 | 12 | * | | | | | |
| | M14x1,5 | 8L | 102.11111JC | | | | | | | | | | | |
| | M18x1,5 | 12L | 102.11112JE | | | | | | | | | | | |
| 10 | M14x1,5 | 8L | 102.11112JC | 300Bar | 22 | * | 17,25 | 12 | * | | | | | |
| | M16x1,5 | 10L | 102.11112JD | | | | | | | | | | | |
| | M18x1,5 | 12L | 102.11112JE | | | | | | | | | | | |
| 13 | M14x1,5 | 8L | 102.11113JC | 300Bar | 27 | * | 20,56 | 12 | * | | | | | |
| | M16x1,5 | 10L | 102.11113JD | | | | | | | | | | | |
| | M18x1,5 | 12L | 102.11113JE | | | | | | | | | | | |
| | M22x1,5 | 15L | 102.11113JG | | | | | | | | | | | |
| | M26x1,5 | 18L | 102.11113JI | | | | | | | | | | | |
| 20 | M18x1,5 | 12L | 102.11114JE | 250Bar | 36 | * | 29 | 12 | * | | | | | |
| | M22x1,5 | 15L | 102.11114JG | | | | | 18 | | | | | | |
| | M26x1,5 | 18L | 102.11114JI | | | | | 12 | | | | | | |
| | M30x2 | 22L | 102.11114JJ | | | | | 18 | | | | | | |
| | M26x1,5 | 18L | 102.11115JI | | | | | 12 | | | | | | |
| 25 | M30x2 | 22L | 102.11115JJ | 230Bar | 41 | * | 34,3 | 18 | * | | | | | |
| | M36x2 | 28L | 102.11115JK | | | | | 16 | | | | | | |
| | M45x2 | 35L | 102.11115JM | | | | | 16 | | | | | | |
| | M16x1,5 | 8S | 102.11112KD | | | | | 300Bar | | 22 | * | 17,25 | 12 | * |
| | M18x1,5 | 10S | 102.11112KE | | | | | | | | | | | |
| M20x1,5 | 12S | 102.11112KF | | | | | | | | | | | | |
| M18x1,5 | 10S | 102.11113KE | | | | | | | | | | | | |
| M20x1,5 | 12S | 102.11113KF | | | | | | | | | | | | |
| 13 | M22x1,5 | 14S | 102.11113KG | 300Bar | 27 | * | 20,56 | 12 | * | | | | | |
| | M24x1,5 | 16S | 102.11113KH | | | | | | | | | | | |
| | M24x1,5 | 16S | 102.11114KH | | | | | | | | | | | |
| 20 | M30x2 | 20S | 102.11114KJ | 250Bar | 36 | * | 29 | 12 | * | | | | | |
| | M30x2 | 20S | 102.11115KJ | | | | | 16 | | | | | | |
| | M36x2 | 25S | 102.11115KK | | | | | 18 | | | | | | |
| 25 | M42x2 | 30S | 102.11115KL | 230Bar | 41 | * | 34,3 | 18 | * | | | | | |
| | M42x2 | 30S | 102.11115KL | | | | | 46 | | | | | | |
| | M52x2 | 38S | 102.11115KN | | | | | 55 | | 20 | | | | |




| STANDARD FEMALE MODELS | | | | | | | | | | | | | | |
|------------------------|---------|-------------|-------------|---|-----|----|-----|--------|---|----|---|----|----|---|
| DN | ØA | ØT | REF. |  | CH1 | L2 | ØA2 | E | L | | | | | |
| 06 | M12x1,5 | 6L | 102.12111JB | 350Bar | 19 | * | 26 | 12 | * | | | | | |
| | M14x1,5 | 8L | 102.12111JC | | | | | | | | | | | |
| | M18x1,5 | 12L | 102.12112JE | | | | | | | | | | | |
| 10 | M14x1,5 | 8L | 102.12112JC | 300Bar | 22 | * | 32 | 12 | * | | | | | |
| | M16x1,5 | 10L | 102.12112JD | | | | | | | | | | | |
| | M18x1,5 | 12L | 102.12112JE | | | | | | | | | | | |
| 13 | M14x1,5 | 8L | 102.12113JC | 300Bar | 27 | * | 38 | 12 | * | | | | | |
| | M16x1,5 | 10L | 102.12113JD | | | | | | | | | | | |
| | M18x1,5 | 12L | 102.12113JE | | | | | | | | | | | |
| | M22x1,5 | 15L | 102.12113JG | | | | | | | | | | | |
| | M26x1,5 | 18L | 102.12113JI | | | | | | | | | | | |
| 20 | M18x1,5 | 12L | 102.12114JE | 250Bar | 36 | * | 46 | 12 | * | | | | | |
| | M22x1,5 | 15L | 102.12114JG | | | | | 18 | | | | | | |
| | M26x1,5 | 18L | 102.12114JI | | | | | 12 | | | | | | |
| | M30x2 | 22L | 102.12114JJ | | | | | 18 | | | | | | |
| | M26x1,5 | 18L | 102.12115JI | | | | | 12 | | | | | | |
| 25 | M30x2 | 22L | 102.12115JJ | 230Bar | 41 | * | 55 | 18 | * | | | | | |
| | M36x2 | 28L | 102.12115JK | | | | | 16 | | | | | | |
| | M45x2 | 35L | 102.12115JM | | | | | 16 | | | | | | |
| | M16x1,5 | 8S | 102.12112KD | | | | | 300Bar | | 22 | * | 32 | 12 | * |
| | M18x1,5 | 10S | 102.12112KE | | | | | | | | | | | |
| M20x1,5 | 12S | 102.12112KF | | | | | | | | | | | | |
| M18x1,5 | 10S | 102.12113KE | | | | | | | | | | | | |
| M20x1,5 | 12S | 102.12113KF | | | | | | | | | | | | |
| 13 | M22x1,5 | 14S | 102.12113KG | 300Bar | 27 | * | 38 | 12 | * | | | | | |
| | M24x1,5 | 16S | 102.12113KH | | | | | | | | | | | |
| | M24x1,5 | 16S | 102.12114KH | | | | | | | | | | | |
| 20 | M30x2 | 20S | 102.12114KJ | 250Bar | 36 | * | 46 | 12 | * | | | | | |
| | M30x2 | 20S | 102.12115KJ | | | | | 16 | | | | | | |
| | M36x2 | 25S | 102.12115KK | | | | | 18 | | | | | | |
| 25 | M42x2 | 30S | 102.12115KL | 230Bar | 41 | * | 55 | 18 | * | | | | | |
| | M42x2 | 30S | 102.12115KL | | | | | 46 | | | | | | |
| | M52x2 | 38S | 102.12115KN | | | | | 55 | | 20 | | | | |



STANDARD MALE MODELS

| DN | ϕA | ϕT | REF. |  | CH1 | CH2 | L1 | ϕD | E | L | Light Series | |
|---------|----------|-------------|-------------|--|-----|-----|----|----------|--------|---|--------------|----|
| 06 | M12x1,5 | 6L | 102.11111LB | 350Bar | 19 | 19 | * | 11,8 | 25 | * | | |
| | M14x1,5 | 8L | 102.11111LC | | | | | | 34 | | | |
| | M14x1,5 | 8L | 102.11112LC | | | | | | 34 | | | |
| 10 | M16x1,5 | 10L | 102.11112LD | 300Bar | 22 | 22 | * | 17,25 | 26 | * | | |
| | M18x1,5 | 12L | 102.11112LE | | | | | | 27 | | | |
| | M14x1,5 | 8L | 102.11113LC | | | | | | 19 | | 34 | |
| 13 | M16x1,5 | 10L | 102.11113LD | 300Bar | 27 | 24 | * | 20,56 | 35 | * | | |
| | M18x1,5 | 12L | 102.11113LE | | | | | | 27 | | 35 | |
| | M22x1,5 | 15L | 102.11113LG | | | | | | 27 | | 33 | |
| | M26x1,5 | 18L | 102.11113LI | | | | | | 30 | | 33 | |
| | M18x1,5 | 12L | 102.11114LE | | | | | | 24 | | 26 | |
| 20 | M22x1,5 | 15L | 102.11114LG | 250Bar | 36 | 27 | * | 29 | 33 | * | | |
| | M26x1,5 | 18L | 102.11114LI | | | | | | 30 | | 34 | |
| | M30x2 | 22L | 102.11114LJ | | | | | | 36 | | 34 | |
| | M30x2 | 22L | 102.11115LJ | | | | | | 36 | | 34 | |
| 25 | M36x2 | 28L | 102.11115LK | 230Bar | 41 | 41 | * | 34,3 | 34 | * | | |
| | M45x2 | 35L | 102.11115LM | | | | | | 55 | | 36 | |
| | M16x1,5 | 8S | 102.11112MD | | | | | | 300Bar | | 22 | 22 |
| M18x1,5 | 10S | 102.11112ME | 24 | 24 | | | | | | | | |
| M20x1,5 | 12S | 102.11112MF | 22 | 24 | | | | | | | | |
| 13 | M18x1,5 | 10S | 102.11113ME | 300Bar | 27 | 22 | * | 20,56 | 35 | * | | |
| | M20x1,5 | 12S | 102.11113MF | | | | | | 22 | | 24 | |
| | M22x1,5 | 14S | 102.11113MG | | | | | | 27 | | 35 | |
| | M24x1,5 | 16S | 102.11113MH | | | | | | 30 | | 35 | |
| | M24x1,5 | 16S | 102.11114MH | | | | | | 30 | | 29 | |
| 20 | M30x2 | 20S | 102.11114MJ | 250Bar | 36 | 36 | * | 29 | 36 | * | | |
| | M30x2 | 20S | 102.11115MJ | | | | | | 36 | | 35 | |
| | M36x2 | 25S | 102.11115MK | | | | | | 41 | | 38 | |
| 25 | M42x2 | 30S | 102.11115ML | 230Bar | 41 | 50 | * | 34,3 | 40 | * | | |
| | M52x2 | 38S | 102.11115MN | | | | | | 65 | | 40 | |

STANDARD FEMALE MODELS

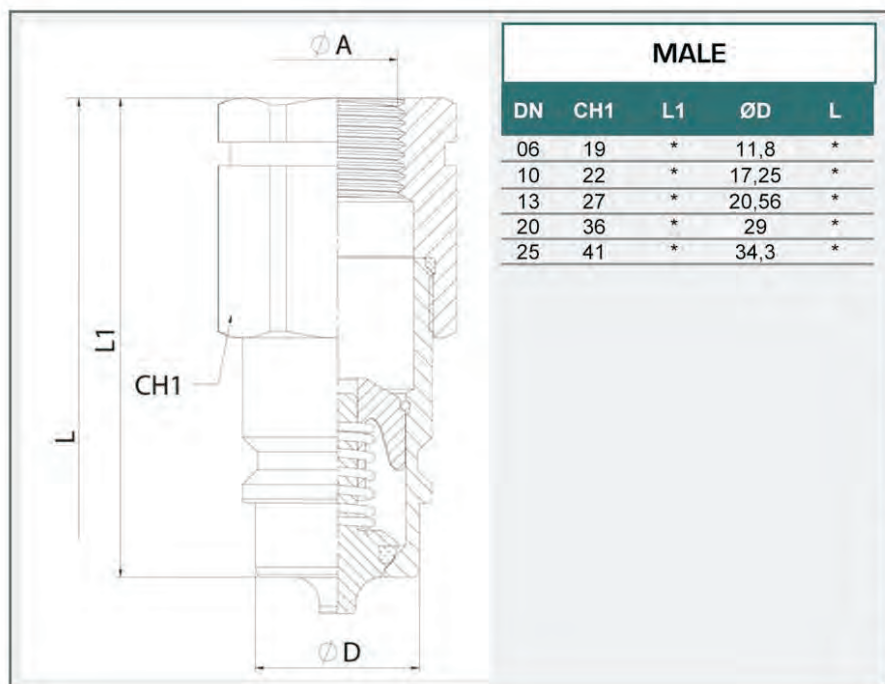
| DN | ϕA | ϕT | REF. |  | CH1 | CH2 | L2 | ϕD | E | L | Light Series | |
|---------|----------|-------------|-------------|--|-----|-----|----|----------|--------|---|--------------|----|
| 06 | M12x1,5 | 6L | 102.12111LB | 350Bar | 19 | 19 | * | 11,8 | 25 | * | | |
| | M14x1,5 | 8L | 102.12111LC | | | | | | 34 | | | |
| | M14x1,5 | 8L | 102.12112LC | | | | | | 34 | | | |
| 10 | M16x1,5 | 10L | 102.12112LD | 300Bar | 22 | 22 | * | 17,25 | 26 | * | | |
| | M18x1,5 | 12L | 102.12112LE | | | | | | 27 | | | |
| | M14x1,5 | 8L | 102.12113LC | | | | | | 19 | | 34 | |
| 13 | M16x1,5 | 10L | 102.12113LD | 300Bar | 27 | 24 | * | 20,56 | 35 | * | | |
| | M18x1,5 | 12L | 102.12113LE | | | | | | 27 | | 35 | |
| | M22x1,5 | 15L | 102.12113LG | | | | | | 27 | | 33 | |
| | M26x1,5 | 18L | 102.12113LI | | | | | | 30 | | 33 | |
| | M18x1,5 | 12L | 102.12114LE | | | | | | 24 | | 26 | |
| 20 | M22x1,5 | 15L | 102.12114LG | 250Bar | 36 | 27 | * | 29 | 33 | * | | |
| | M26x1,5 | 18L | 102.12114LI | | | | | | 30 | | 34 | |
| | M30x2 | 22L | 102.12114LJ | | | | | | 36 | | 34 | |
| | M30x2 | 22L | 102.12115LJ | | | | | | 36 | | 34 | |
| 25 | M36x2 | 28L | 102.12115LK | 230Bar | 41 | 41 | * | 34,3 | 34 | * | | |
| | M45x2 | 35L | 102.12115LM | | | | | | 55 | | 36 | |
| | M16x1,5 | 8S | 102.12112MD | | | | | | 300Bar | | 22 | 22 |
| M18x1,5 | 10S | 102.12112ME | 24 | 24 | | | | | | | | |
| M20x1,5 | 12S | 102.12112MF | 22 | 24 | | | | | | | | |
| 13 | M18x1,5 | 10S | 102.12113ME | 300Bar | 27 | 22 | * | 20,56 | 35 | * | | |
| | M20x1,5 | 12S | 102.12113MF | | | | | | 22 | | 24 | |
| | M22x1,5 | 14S | 102.12113MG | | | | | | 27 | | 35 | |
| | M24x1,5 | 16S | 102.12113MH | | | | | | 30 | | 35 | |
| | M24x1,5 | 16S | 102.12114MH | | | | | | 30 | | 29 | |
| 20 | M30x2 | 20S | 102.12114MJ | 250Bar | 36 | 36 | * | 29 | 36 | * | | |
| | M30x2 | 20S | 102.12115MJ | | | | | | 36 | | 35 | |
| | M36x2 | 25S | 102.12115MK | | | | | | 41 | | 38 | |
| 25 | M42x2 | 30S | 102.12115ML | 230Bar | 41 | 50 | * | 34,3 | 40 | * | | |
| | M52x2 | 38S | 102.12115MN | | | | | | 65 | | 40 | |

Light Series

Heavy Series

Light Series

Heavy Series



| STANDARD MODELS | | | | |
|-----------------|-------------|-------------|-------------|--------|
| DN | ØA | MALE | FEMALE | |
| 06 | 1/4" BSP | 102.11111AB | 102.12111AB | 350Bar |
| | 1/4" NPTF | 102.11111BB | 102.12111BB | |
| | M14x1,5 | 102.11111NC | 102.12111NC | |
| 10 | 1/4" BSP | 102.11112AB | 102.12112AB | 300Bar |
| | 3/8" BSP | 102.11112AC | 102.12112AC | |
| | 3/8" NPTF | 102.11112BC | 102.12112BC | |
| 13 | M16x1,5 | 102.11112ND | 102.12112ND | 300Bar |
| | 3/8" BSP | 102.11113AC | 102.12113AC | |
| | 1/2" BSP | 102.11113AD | 102.12113AD | |
| 13 | 1/2" NPTF | 102.11113BD | 102.12113BD | 300Bar |
| | M18x1,5 | 102.11113NE | 102.12113NE | |
| | M22x1,5 | 102.11113NG | 102.12113NG | |
| 20 | 3/4" -16ORB | 102.11113GF | 102.12113GF | 230Bar |
| | 3/8" -14ORB | 102.11113GH | 102.12113GH | |
| | 3/4" BSP | 102.11114AE | 102.12114AE | |
| 20 | 3/4" NPTF | 102.11114BE | 102.12114BE | 230Bar |
| | M22x1,5 | 102.11114NG | 102.12114NG | |
| 25 | 3/4" BSP | 102.11115AE | 102.12115AE | 230Bar |
| | 1" BSP | 102.11115AF | 102.12115AF | |
| | 1" NPTF | 102.11115BF | 102.12115BF | |

