



205 SERIES STG

BSP / NPTF
DIN3852 / SAE



Poppet valve closing system
BSP, NPTF, DIN2353, DIN3852, SAE/ORB and other threads upon request.
AISI 316 available only by minimum quantities.

• Materials

Carbon Steel *EN -10277-3 / AISI 316L*

Seals: **NBR, Viton or EPDM**

Back-up-ring: **PTFE**

Springs: *Carbon Steel DIN 17233/84(B)*

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

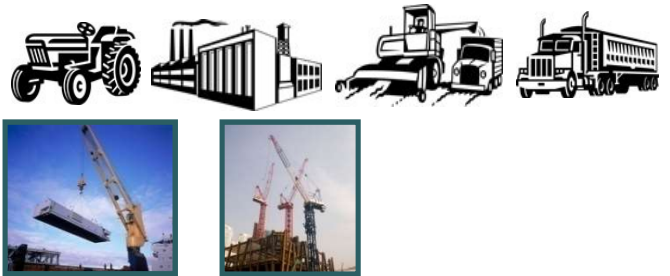
• Equivalence

FASTER CVV
ARGUS HD
VOSWINKEL HS

• Working temperature (Seals)

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

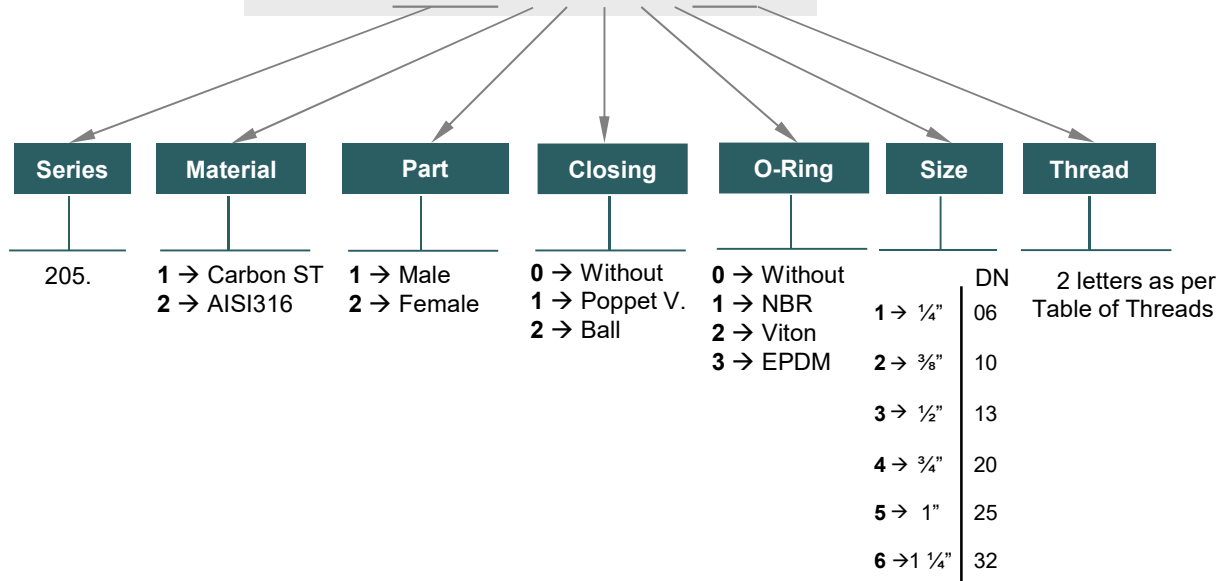
• **Sectors:** Industrial, Agricultural, Construction machinery.



MODEL STRUCTURE

Example:

205.12115 AF



205-1

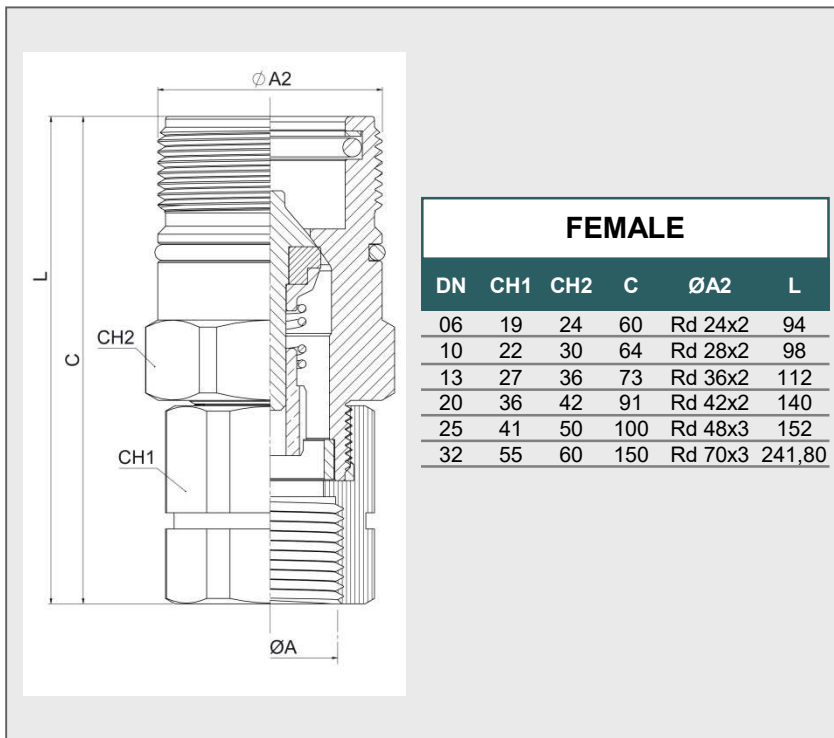
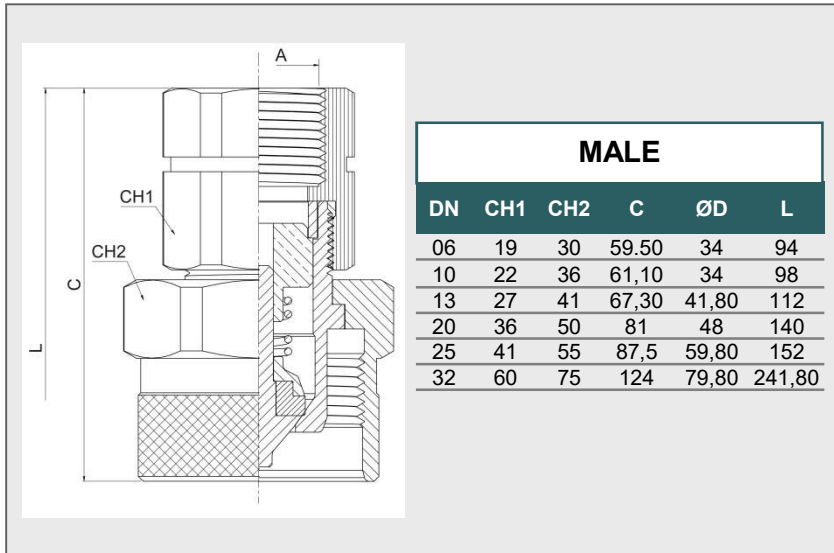




205 SERIES

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DIN3852 / SAE



| STANDARD MODELS | | | | |
|-----------------|-------------|-------------|-------------|--------|
| DN | ØA | MALE | FEMALE | |
| 06 | 1/4" BSP | 205.11111AB | 205.12111AB | 450Bar |
| | 1/4" NPTF | 205.11111BB | 205.12111BB | |
| | M14x1,5 | 205.11111NC | 205.12111NC | |
| 10 | 1/4" BSP | 205.11112AB | 205.12112AB | 450Bar |
| | 3/8" BSP | 205.11112AC | 205.12112AC | |
| | 3/8" NPTF | 205.11112BC | 205.12112BC | |
| | M16x1,5 | 205.11112ND | 205.12112ND | |
| | 3/8" BSP | 205.11113AC | 205.12113AC | |
| 13 | 1/2" BSP | 205.11113AD | 205.12113AD | 400Bar |
| | 1/2" NPTF | 205.11113BD | 205.12113BD | |
| | M18x1,5 | 205.11113NE | 205.12113NE | |
| | M22x1,5 | 205.11113NG | 205.12113NG | |
| | 3/4" -16ORB | 205.11113GF | 205.12113GF | |
| 20 | 3/4" -14ORB | 205.11113GH | 205.12113GH | 400Bar |
| | 3/4" BSP | 205.11114AE | 205.12114AE | |
| | 3/4" NPTF | 205.11114BE | 205.12114BE | |
| | M22x1,5 | 205.11114NG | 205.12114NG | |
| | 3/4" BSP | 205.11115AE | 205.12115AE | |
| 25 | 1" BSP | 205.11115AF | 205.12115AF | 300Bar |
| | 1" NPTF | 205.11115BF | 205.12115BF | |
| | 1 1/4" BSP | 205.11116AG | 205.12116AG | |
| 32 | 1 1/4" NPTF | 205.11116BG | 205.12116BG | 410Bar |
| | 1 1/2" BSP | 205.11116AH | 205.12116AH | |
| | 1 1/2" NPTF | 205.11116BH | 205.12116BH | |



205 SERIES STG

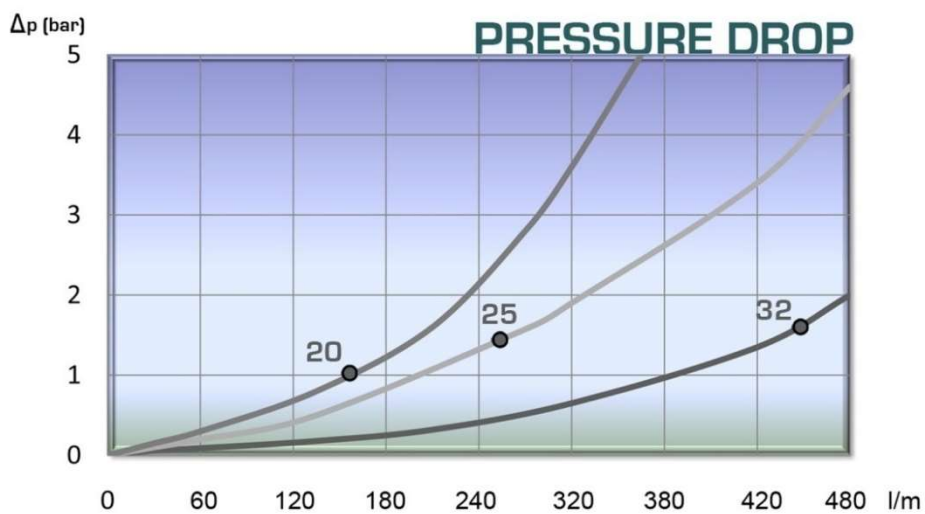
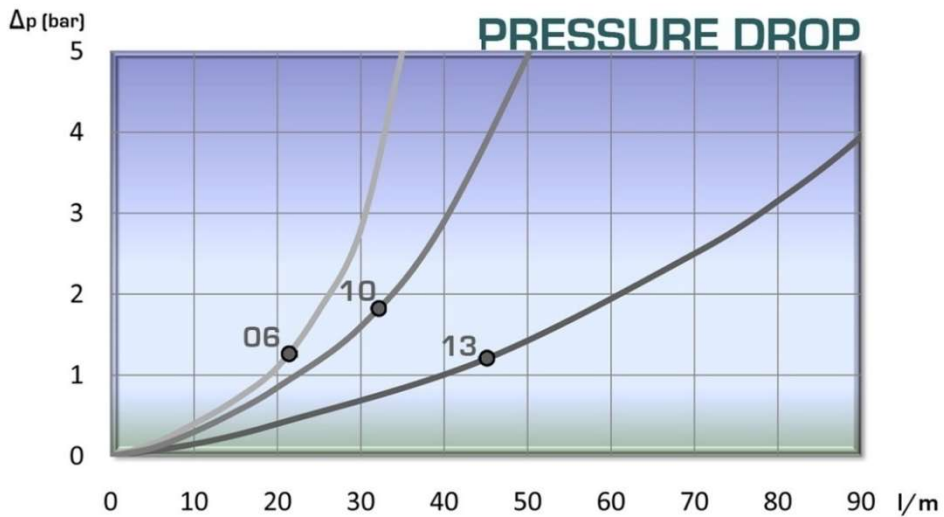
BSP / NPTF
DIN3852 / SAE



TECHNICAL DATA

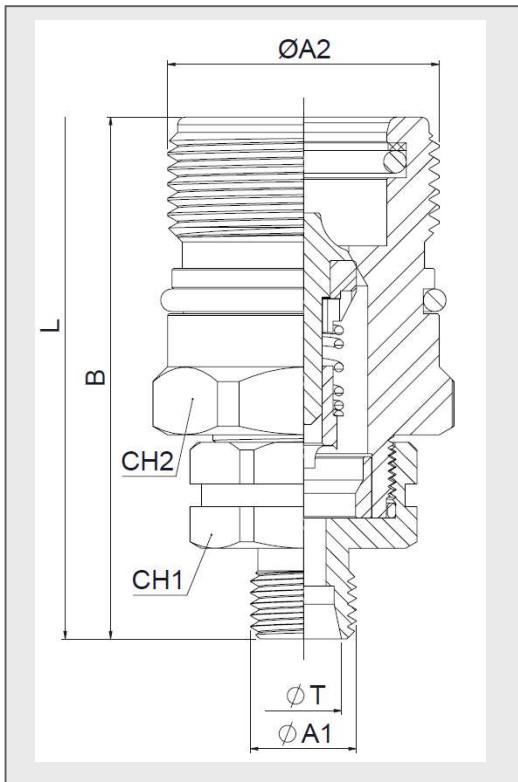
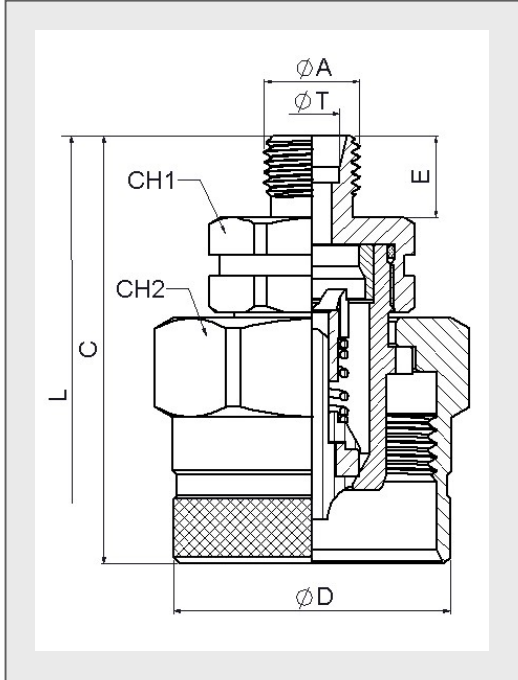
| DN | Rated Flow | Min Burst Pressure (bar) | | | Max. Working Pressure* |
|----|------------|--------------------------|--------|---------|------------------------|
| | | Male | Female | Coupled | |
| 06 | 12 l/m | 1580 | 1500 | 1800 | 500 Bar |
| 10 | 32 l/m | 1750 | 1680 | 1800 | 450 Bar |
| 13 | 75 l/m | 1580 | 1500 | 1600 | 400 Bar |
| 20 | 145 l/m | 1520 | 1400 | 1600 | 400 Bar |
| 25 | 255 l/m | 1200 | 1150 | 1200 | 350 Bar |
| 32 | 440 l/m | 1450 | 1520 | 1650 | 410 Bar |

Test performed according to ISO 18869




205 SERIES STG


DIN2353



STANDARD MALE MODELS

| DN | ØA | ØT | REF. |  | CH1 | CH2 | C | ØD | E | L |
|----|---------|-----|-------------|-------------------------------------------------------------------------------------|-----|-----|-------|-------|----|--------|
| 06 | M12x1,5 | 6L | 205.11111JB | 450Bar | 19 | 30 | 49,30 | 34 | 12 | 93,80 |
| | M14x1,5 | 8L | 205.11111JC | | | | | | | |
| | M18x1,5 | 12L | 205.11112JE | | | | | | | |
| 10 | M14x1,5 | 8L | 205.11112JC | 450Bar | 22 | 30 | 60,20 | 34 | 12 | 96 |
| | M16x1,5 | 10L | 205.11112JD | | | | | | | |
| | M16x1,5 | 8S | 205.11112KD | | | | | | | |
| | M18x1,5 | 10S | 205.11112KE | | | | | | | |
| | M20x1,5 | 12S | 205.11112KF | | | | | | | |
| | M14x1,5 | 8L | 205.11113JC | | | | | | | |
| 13 | M16x1,5 | 10L | 205.11113JD | 400Bar | 27 | 36 | 63,50 | 41,80 | 12 | 101 |
| | M18x1,5 | 12L | 205.11113JE | | | | | | | |
| | M22x1,5 | 15L | 205.11113JG | | | | | | | |
| | M26x1,5 | 18L | 205.11113JI | | | | | | | |
| | M18x1,5 | 10S | 205.11113KE | | | | | | | |
| | M20x1,5 | 12S | 205.11113KF | | | | | | | |
| | M22x1,5 | 14S | 205.11113KG | | | | | | | |
| | M24x1,5 | 16S | 205.11113KH | | | | | | | |
| | M18x1,5 | 12L | 205.11114JE | | | | | | | |
| | M22x1,5 | 15L | 205.11114JG | | | | | | | |
| 20 | M26x1,5 | 18L | 205.11114JI | 400Bar | 36 | 41 | 78 | 48 | 18 | 124 |
| | M30x2 | 22L | 205.11114JJ | | | | | | | |
| | M22x1,5 | 14S | 205.11114KG | | | | | | | |
| | M24x1,5 | 16S | 205.11114KH | | | | | | | |
| | M30x2 | 20S | 205.11114KJ | | | | | | | |
| | M26x1,5 | 18L | 205.11115JI | | | | | | | |
| | M30x2 | 22L | 205.11115JJ | | | | | | | |
| 25 | M36x2 | 28L | 205.11115JK | 300Bar | 41 | 55 | 68,50 | 59,80 | 16 | 142 |
| | M45x2 | 35L | 205.11115JM | | | | | | | |
| | M30x2 | 20S | 205.11115KJ | | | | | | | |
| | M36x2 | 25S | 205.11115KK | | | | | | | |
| | M42x2 | 30S | 205.11115KL | | | | | | | |
| | M52x2 | 38S | 205.11115KN | | | | | | | |
| | M42x2 | 30S | 205.11116KL | | | | | | | |
| 32 | M42x2 | 30S | 205.11116KL | 410Bar | 50 | 75 | 143 | 79,80 | 20 | 243,80 |
| | M52x2 | 38S | 205.11116KN | | | | | | | |

STANDARD FEMALE MODELS

| DN | ØA | ØT | REF. |  | CH1 | CH2 | B | ØA2 | E | L |
|----|---------|-----|-------------|---------------------------------------------------------------------------------------|-----|-----|-----|---------|----|--------|
| 06 | M12x1,5 | 6L | 205.12111JB | 450Bar | 19 | 22 | 59 | Rd 24x2 | 12 | 93,80 |
| | M14x1,5 | 8L | 205.12111JC | | | | | | | |
| | M18x1,5 | 12L | 205.12112JE | | | | | | | |
| 10 | M14x1,5 | 8L | 205.12112JC | 450Bar | 22 | 24 | 63 | Rd 28x2 | 12 | 96 |
| | M16x1,5 | 10L | 205.12112JD | | | | | | | |
| | M16x1,5 | 8S | 205.12112KD | | | | | | | |
| | M18x1,5 | 10S | 205.12112KE | | | | | | | |
| | M20x1,5 | 12S | 205.12112KF | | | | | | | |
| | M14x1,5 | 8L | 205.12113JC | | | | | | | |
| 13 | M16x1,5 | 10L | 205.12113JD | 400Bar | 27 | 32 | 66 | Rd 36x2 | 12 | 101 |
| | M18x1,5 | 12L | 205.12113JE | | | | | | | |
| | M22x1,5 | 15L | 205.12113JG | | | | | | | |
| | M26x1,5 | 18L | 205.12113JI | | | | | | | |
| | M18x1,5 | 10S | 205.12113KE | | | | | | | |
| | M20x1,5 | 12S | 205.12113KF | | | | | | | |
| | M22x1,5 | 14S | 205.12113KG | | | | | | | |
| | M24x1,5 | 16S | 205.12113KH | | | | | | | |
| | M18x1,5 | 12L | 205.12114JE | | | | | | | |
| | M22x1,5 | 15L | 205.12114JG | | | | | | | |
| 20 | M26x1,5 | 18L | 205.12114JI | 400Bar | 36 | 36 | 84 | Rd 42x2 | 18 | 131 |
| | M30x2 | 22L | 205.12114JJ | | | | | | | |
| | M22x1,5 | 14S | 205.12114KG | | | | | | | |
| | M24x1,5 | 16S | 205.12114KH | | | | | | | |
| | M30x2 | 20S | 205.12114KJ | | | | | | | |
| | M26x1,5 | 18L | 205.12115JI | | | | | | | |
| | M30x2 | 22L | 205.12115JJ | | | | | | | |
| 25 | M36x2 | 28L | 205.12115JK | 300Bar | 41 | 41 | 95 | Rd 48x3 | 16 | 142 |
| | M45x2 | 35L | 205.12115JM | | | | | | | |
| | M30x2 | 20S | 205.12115KJ | | | | | | | |
| | M36x2 | 25S | 205.12115KK | | | | | | | |
| | M42x2 | 30S | 205.12115KL | | | | | | | |
| | M52x2 | 38S | 205.12115KN | | | | | | | |
| | M42x2 | 30S | 205.12116KL | | | | | | | |
| 32 | M42x2 | 30S | 205.12116KL | 410Bar | 50 | 60 | 151 | Rd 70x3 | 20 | 243,80 |
| | M52x2 | 38S | 205.12116KN | | | | | | | |

205 SERIES

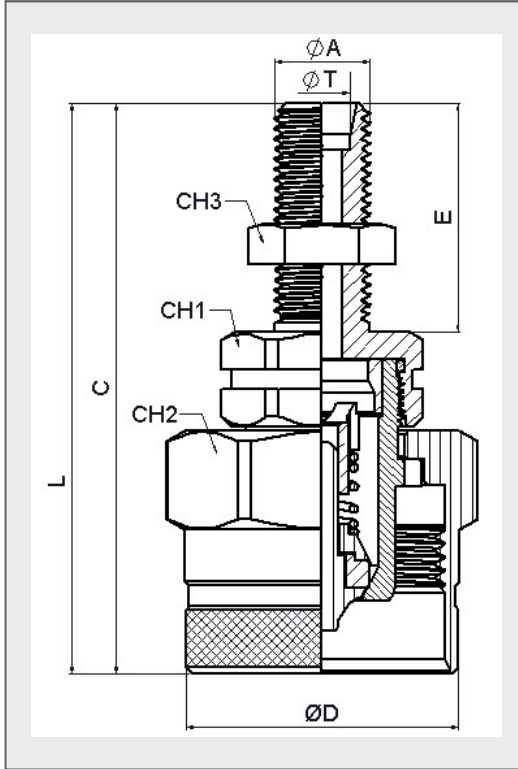
STG

DIN2353



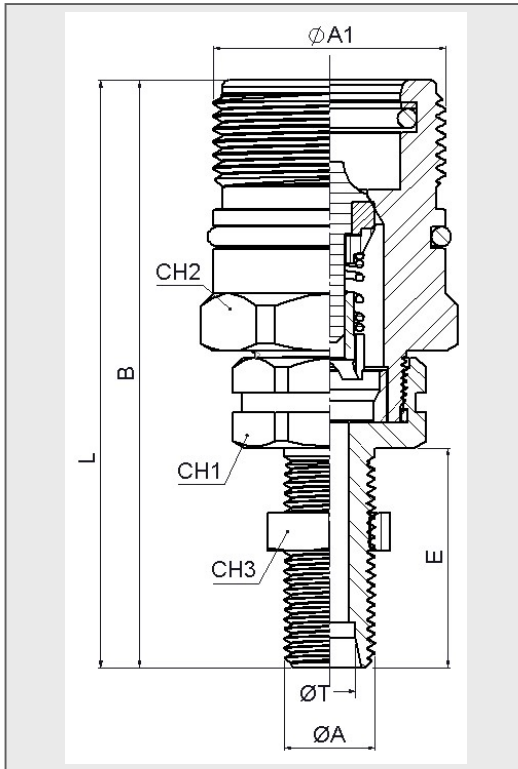
STANDARD MALE MODELS

| DN | ØA | ØT | REF. | | CH1 | CH2 | CH3 | C | ØD | E | L | |
|----|---------|-----|-------------|--------|-----|-----|-----|--------|-------|--------|--------|--------|
| 06 | M12x1,5 | 6L | 205.11111LB | 450Bar | 19 | 30 | 19 | 71,30 | 34 | 25 | 128,80 | |
| | M14x1,5 | 8L | 205.11111LC | | | | | 80,30 | | 34 | 146,80 | |
| | M14x1,5 | 8L | 205.11112LC | | | | | 19 | | 81,50 | 34 | 151,50 |
| 10 | M16x1,5 | 10L | 205.11112LD | 450Bar | 22 | 30 | 22 | 65,20 | 34 | 26 | 127,50 | |
| | M16x1,5 | 8S | 205.11112MD | | | | | 24 | | 75,20 | 27 | 138,20 |
| | M18x1,5 | 10S | 205.11112ME | | | | | 22 | | | | |
| 13 | M20x1,5 | 12S | 205.11112MF | 400Bar | 27 | 36 | 30 | 19 | 41,80 | 34 | 156,50 | |
| | M14x1,5 | 8L | 205.11113LC | | | | | 22 | | 86,50 | 35 | 157,50 |
| | M16x1,5 | 10L | 205.11113LD | | | | | 24 | | 75,50 | 24 | 136,50 |
| | M18x1,5 | 12L | 205.11113LE | | | | | 27 | | | | |
| | M22x1,5 | 15L | 205.11113LG | | | | | 27 | | 86,50 | 33 | 157,50 |
| | M26x1,5 | 18L | 205.11113LI | | | | | 24 | | 75,50 | 24 | 136,50 |
| | M18x1,5 | 10S | 205.11113ME | | | | | 22 | | | | |
| | M20x1,5 | 12S | 205.11113MF | | | | | 27 | | 86,50 | 35 | 157,50 |
| | M22x1,5 | 14S | 205.11113MG | | | | | 30 | | | | |
| 20 | M24x1,5 | 16S | 205.11113MH | 400Bar | 36 | 41 | 30 | 86 | 48 | 26 | 157 | |
| | M18x1,5 | 12I | 205.11114LE | | | | | 27 | | 93 | 33 | 171 |
| | M22x1,5 | 15L | 205.11114LG | | | | | 36 | | 94 | 34 | |
| | M26x1,5 | 18L | 205.11114LI | | | | | 30 | | 89 | 29 | 173 |
| | M30x2 | 22L | 205.11114LJ | | | | | 36 | | 96 | 36 | 163 |
| | M24x1,5 | 16S | 205.11114MH | | | | | 30 | | 99,50 | 33 | 185,50 |
| | M30x2 | 20S | 205.11114MJ | | | | | 36 | | 100,50 | 34 | 187,50 |
| | M26x1,5 | 18L | 205.11115LI | | | | | 41 | | 106,50 | 38 | 195,50 |
| | M30x2 | 22L | 205.11115LJ | | | | | 55 | | 102,50 | 36 | 191,50 |
| 25 | M36x2 | 28L | 205.11115LK | 300Bar | 41 | 55 | 36 | 101,50 | 59,80 | 35 | 189,50 | |
| | M45x2 | 35L | 205.11115LM | | | | | 41 | | 104,50 | 38 | 195,50 |
| | M30x2 | 20S | 205.11115MJ | | | | | 50 | | 106,50 | 40 | 199,50 |
| | M36x2 | 25S | 205.11115MK | | | | | 65 | | | | |
| | M42x2 | 30S | 205.11115ML | | | | | | | | | |
| 32 | M52x2 | 38S | 205.11115MN | 410Bar | 50 | 75 | 50 | 143 | | 40 | 284 | |
| | M42x2 | 30S | 205.11116ML | | | | | | | | | |



STANDARD FEMALE MODELS

| DN | ØA | ØT | REF. | | CH1 | E/C | CH3 | B | ØA1 | E | L | |
|----|---------|-----|-------------|--------|-----|-----|-----|-----|---------|-----|--------|--------|
| 06 | M12x1,5 | 6L | 205.12111LB | 450Bar | 19 | 22 | 19 | 72 | Rd 24x2 | 25 | 128,80 | |
| | M14x1,5 | 8L | 205.12111LC | | | | | 81 | | 34 | 146,80 | |
| | M14x1,5 | 8L | 205.12112LC | | | | | 19 | | 85 | 34 | 151,50 |
| 10 | M16x1,5 | 10L | 205.12112LD | 450Bar | 22 | 24 | 22 | 77 | Rd 28x2 | 26 | 127,50 | |
| | M16x1,5 | 8S | 205.12112MD | | | | | 24 | | 780 | 27 | 138,20 |
| | M18x1,5 | 10S | 205.12112ME | | | | | 22 | | | | |
| 13 | M20x1,5 | 12S | 205.12112MF | 400Bar | 27 | 32 | 30 | 88 | Rd 36x2 | 34 | 156,50 | |
| | M14x1,5 | 8L | 205.12113LC | | | | | 22 | | 89 | 35 | 157,50 |
| | M16x1,5 | 10L | 205.12113LD | | | | | 24 | | 78 | 24 | 136,50 |
| | M18x1,5 | 12L | 205.12113LE | | | | | 27 | | | | |
| | M22x1,5 | 15L | 205.12113LG | | | | | 27 | | 89 | 35 | 157,50 |
| | M26x1,5 | 18L | 205.12113LI | | | | | 24 | | 78 | 24 | 136,50 |
| | M18x1,5 | 10S | 205.12113ME | | | | | 22 | | | | |
| | M20x1,5 | 12S | 205.12113MF | | | | | 27 | | 88 | 35 | 157,50 |
| | M22x1,5 | 14S | 205.12113MG | | | | | 30 | | | | |
| 20 | M24x1,5 | 16S | 205.12113MH | 400Bar | 36 | 36 | 30 | 92 | Rd 42x2 | 26 | 157 | |
| | M18x1,5 | 12I | 205.12114LE | | | | | 27 | | 93 | 33 | 171 |
| | M22x1,5 | 15L | 205.12114LG | | | | | 36 | | 99 | 34 | |
| | M26x1,5 | 18L | 205.12114LI | | | | | 30 | | 100 | 29 | 173 |
| | M30x2 | 22L | 205.12114LJ | | | | | 36 | | 95 | 36 | 163 |
| | M24x1,5 | 16S | 205.12114MH | | | | | 30 | | 112 | 33 | 185,50 |
| | M30x2 | 20S | 205.12114MJ | | | | | 36 | | 113 | 34 | 187,50 |
| | M26x1,5 | 18L | 205.12115LI | | | | | 41 | | 119 | 38 | 195,50 |
| | M30x2 | 22L | 205.12115LJ | | | | | 65 | | 119 | 40 | 199,50 |
| 25 | M36x2 | 28L | 205.12115LK | 300Bar | 41 | 41 | 36 | 115 | Rd 48x3 | 36 | 191,50 | |
| | M45x2 | 35L | 205.12115LM | | | | | 41 | | 117 | 35 | 189,50 |
| | M30x2 | 20S | 205.12115MJ | | | | | 50 | | 119 | 38 | 195,50 |
| | M36x2 | 25S | 205.12115MK | | | | | 65 | | | 40 | 199,50 |
| | M42x2 | 30S | 205.12115ML | | | | | | | | | |
| 32 | M52x2 | 38S | 205.12115MN | 410Bar | 50 | 60 | 50 | 171 | Rd 70x3 | 40 | 284 | |
| | M42x2 | 30S | 205.12116ML | | | | | | | | | |



205-5



205 SERIES STG

PLUGS
& CAPS

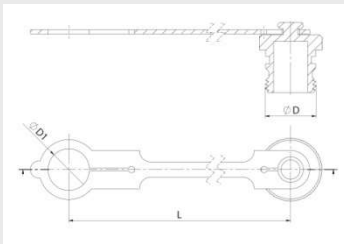
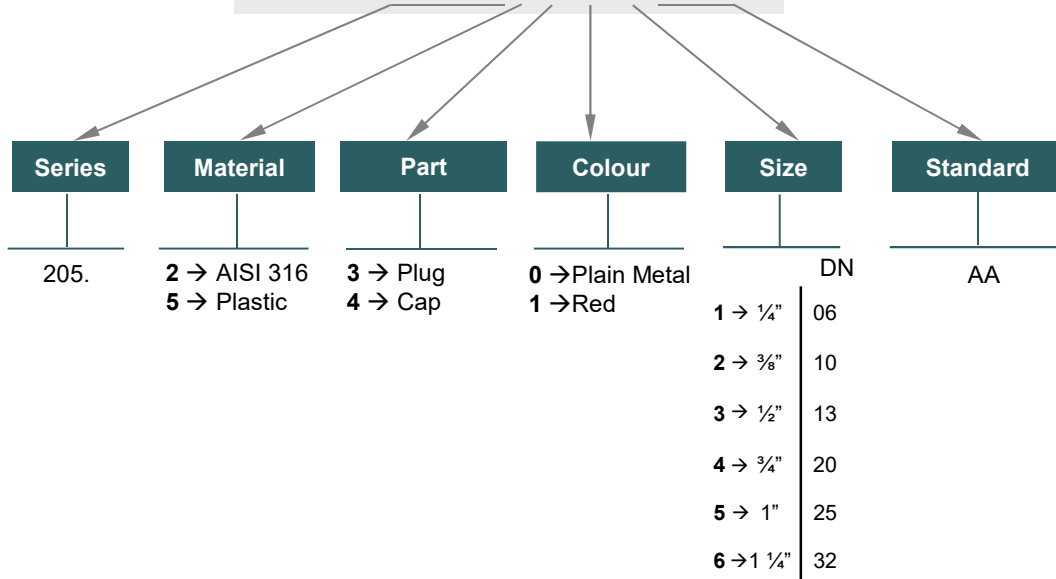


STG SERIES PLUGS, CAPS and have been designed to protect FEMALE (coupler) or MALE (nipple) parts while they are disconnected.

MODEL STRUCTURE

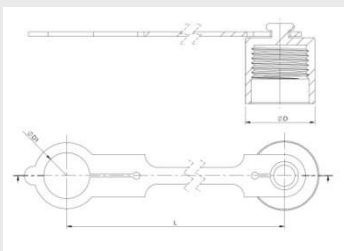
Example:

205.5414 AA



PLUG

| DN | REF. | ØD | ØD1 | L |
|----|------------|---------|-------|-----|
| 06 | 205.5311AA | Rd 24x2 | 20 | 90 |
| 10 | 205.5312AA | Rd 28x2 | 24 | 100 |
| 13 | 205.5313AA | Rd 36x2 | 29,50 | 135 |
| 20 | 205.5314AA | Rd 42x2 | 37 | 187 |
| 25 | 205.5315AA | Rd 48x3 | 41 | 145 |
| 32 | 205.5316AA | Rd 70x3 | 55 | 200 |



CAP

| DN | REF. | ØD | ØD1 | L |
|----|------------|---------|-------|-----|
| 06 | 205.5411AA | Rd 24x2 | 20 | 90 |
| 10 | 205.5412AA | Rd 28x2 | 24 | 100 |
| 13 | 205.5413AA | Rd 36x2 | 29,50 | 135 |
| 20 | 205.5414AA | Rd 42x2 | 37 | 187 |
| 25 | 205.5415AA | Rd 48x3 | 41 | 145 |
| 32 | 205.5416AA | Rd 70x3 | 55 | 200 |