



# GNS

## QUICK COUPLINGS FLAT FACE FOR COOLING SYSTEMS

Edition. 21.1

### CS Carbon Steel

- Type: Quick Couplings
- Models: GNS - Quick couplings flat face for cooling
- Sizes: from DN10 to DN25
- Pressure: up to PN200
- Treatment: Galvanized

### SS Stainless Steel

- Type: Quick Couplings
- Models: GNS - Quick couplings flat face for cooling
- Sizes: from DN10 to DN25
- Pressure: up to PN200

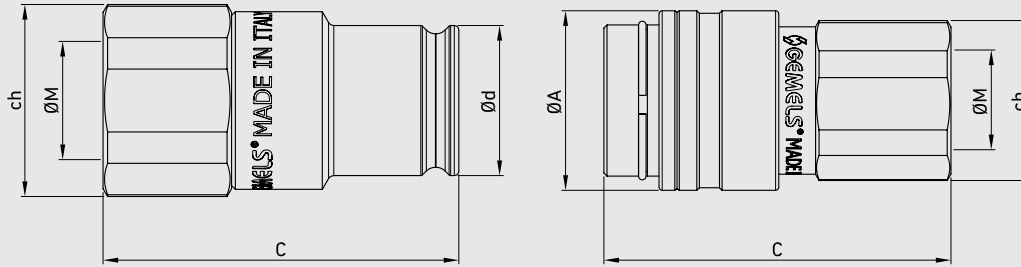


## CODE DESCRIPTION STRUCTURE

### CARBON STEEL

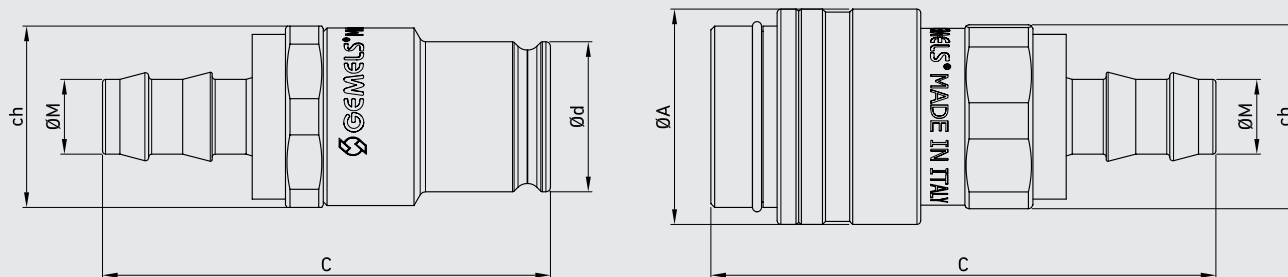
| QC                                                                                                                                                                             | 1/2 | 1M/F | DN12,5 | 1 | B |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|--------|---|---|
| <b>Type of coupling</b> _____<br>FLAT FACE COOLING                                                                                                                             |     |      |        |   |   |
| <b>Ends</b> _____<br>ASME B1.20.1 ISO 11926-1 HOSE<br>NPT (SAE J1926-1) ORB<br>N 3/4 SAE4 3/8<br>N 1 SAE6 1/2<br>SAE8<br>SAE10<br>SAE12<br>SAE16<br>MALE _____<br>FEMALE _____ |     |      |        |   |   |
| <b>DN/ISO</b> _____<br>10<br>12,5<br>19<br>25                                                                                                                                  |     |      |        |   |   |
| <b>Body Material</b> _____<br>● 1 = 1,0737<br>● 4 = 1,4404                                                                                                                     |     |      |        |   |   |
| <b>Seal material</b> _____<br>● B = NBR E = FKM*<br>● E = FKM                                                                                                                  |     |      |        |   |   |





### ■ QUICK COUPLINGS FLAT FACE GNS (male / female) FEMALE THREAD ISO 11926-1 (SAE J1926-1) ORB

|                        |      |         |           |      |       |      |               |          |             | <div>CS</div> <div>Carbon Steel</div> |
|------------------------|------|---------|-----------|------|-------|------|---------------|----------|-------------|---------------------------------------|
| TYPE                   | DN   | PN      | ØA        | C    | Ød    | ch   | ØM            | WEIGHT   | ITEM CODE   |                                       |
| QC GNS SAE4<br>MALE    | 10   | MPa 2   | mm -      | 47   | 19,85 | 24   | 7/16 - 20 UNF | kg 0,108 | NC51S02S000 |                                       |
|                        |      | Psi 290 | inch -    | 1,85 | 0,78  | 0,94 |               | lb 0,24  |             |                                       |
| QC GNS SAE4<br>FEMALE  |      | MPa 2   | mm 28,5   | 56   | -     | 24   | 7/16 - 20 UNF | kg 0,291 | NC52S02S000 |                                       |
|                        |      | Psi 290 | inch 1,12 | 2,20 | -     | 0,94 |               | lb 0,64  |             |                                       |
| QC GNS SAE6<br>MALE    |      | MPa 2   | mm -      | 47   | 19,85 | 24   | 9/16 -18 UNF  | kg 0,1   | NC51S02S001 |                                       |
|                        |      | Psi 290 | inch -    | 1,85 | 0,78  | 0,94 |               | lb 0,22  |             |                                       |
| QC GNS SAE6<br>FEMALE  |      | MPa 2   | mm 28,5   | 55   | -     | 24   | 9/16 -18 UNF  | kg 0,281 | NC52S02S001 |                                       |
|                        |      | Psi 290 | inch 1,12 | 2,17 | -     | 0,94 |               | lb 0,62  |             |                                       |
| QC GNS SAE8<br>MALE    | 10   | MPa 2   | mm -      | 49,5 | 19,85 | 24   | 3/4 -16 UNF   | kg 0,091 | NC51S02S001 |                                       |
|                        |      | Psi 290 | inch -    | 1,95 | 0,78  | 0,94 |               | lb 0,20  |             |                                       |
| QC GNS SAE8<br>FEMALE  |      | MPa 2   | mm 28,5   | 57,5 | -     | 24   | 3/4 -16 UNF   | kg 0,273 | NC52S02S001 |                                       |
|                        |      | Psi 290 | inch 1,12 | 2,26 | -     | 0,94 |               | lb 0,60  |             |                                       |
| QC GNS SAE8<br>MALE    | 12,5 | MPa 2   | mm -      | 53,5 | 24,3  | 32   | 3/4 -16 UNF   | kg 0,187 | NC51S03S000 |                                       |
|                        |      | Psi 290 | inch -    | 2,11 | 0,96  | 1,26 |               | lb 0,41  |             |                                       |
| QC GNS SAE8<br>FEMALE  |      | MPa 2   | mm 35,5   | 71,5 | -     | 32   | 3/4 -16 UNF   | kg 0,503 | NC52S03S000 |                                       |
|                        |      | Psi 290 | inch 1,40 | 2,81 | -     | 1,26 |               | lb 1,11  |             |                                       |
| QC GNS SAE10<br>MALE   |      | MPa 2   | mm -      | 57   | 24,3  | 32   | 7/8-14 UNF    | kg 0,191 | NC51S03S001 |                                       |
|                        |      | Psi 290 | inch -    | 2,24 | 0,96  | 1,26 |               | lb 0,42  |             |                                       |
| QC GNS SAE10<br>FEMALE |      | MPa 2   | mm 35,5   | 76,5 | -     | 32   | 7/8-14 UNF    | kg 0,518 | NC52S03S001 |                                       |
|                        |      | Psi 290 | inch 1,40 | 3,01 | -     | 1,26 |               | lb 1,14  |             |                                       |
| QC GNS SAE12<br>MALE   | 12,5 | MPa 2   | mm -      | 59,5 | 24,3  | 32   | 1-1/16 -12 UN | kg 0,173 | NC51S03S002 |                                       |
|                        |      | Psi 290 | inch -    | 2,34 | 0,96  | 1,26 |               | lb 0,38  |             |                                       |
| QC GNS SAE12<br>FEMALE |      | MPa 2   | mm 35,5   | 79   | -     | 32   | 1-1/16 -12 UN | kg 0,499 | NC52S03S002 |                                       |
|                        |      | Psi 290 | inch 1,40 | 3,11 | -     | 1,26 |               | lb 1,10  |             |                                       |



## **■ QUICK COUPLINGS FLAT FACE GNS (male / female)** **MALE HOSE BARB**

|                        |      |     |     |      |      |      |       |      |          | <div>CS</div> Carbon Steel |       |             |
|------------------------|------|-----|-----|------|------|------|-------|------|----------|----------------------------|-------|-------------|
| TYPE                   | DN   | PN  |     | ØA   | C    | Ød   | ch    | ØM   | WEIGHT   | ITEM CODE                  |       |             |
| QC GNS HOSE 3/8 MALE   | 10   | MPa | 2   | mm   | -    | 59,5 | 19,85 | 24   | HOSE 3/8 | kg                         | 0,079 | NC51K020000 |
|                        |      | Psi | 290 | inch | -    | 2,34 | 0,78  | 0,94 |          | lb                         | 0,17  |             |
| QC GNS HOSE 3/8 FEMALE |      | MPa | 2   | mm   | 28,5 | 67   | -     | 24   | HOSE 3/8 | kg                         | 0,257 | NC52K020000 |
|                        |      | Psi | 290 | inch | 1,12 | 2,64 | -     | 0,94 |          | lb                         | 0,57  |             |
| QC GNS HOSE 1/2 MALE   | 12,5 | MPa | 2   | mm   | -    | 70   | 24,3  | 32   | HOSE 1/2 | kg                         | 0,149 | NC51K030000 |
|                        |      | Psi | 290 | inch | -    | 2,76 | 0,96  | 1,26 |          | lb                         | 0,33  |             |
| QC GNS HOSE 1/2 FEMALE |      | MPa | 2   | mm   | 35,5 | 88,5 | -     | 32   | HOSE 1/2 | kg                         | 0,468 | NC52K030000 |
|                        |      | Psi | 290 | inch | 1,40 | 3,48 | -     | 1,26 |          | lb                         | 1,03  |             |

Above ISO 12,5 HOSE 1/2": on request