# STAINLESS STEEL CAM-LOCK COUPLERS ( 2241-2248 )

Stainless steel cam-lock couplings for all common fluids of 2nd group.
According to MIL-C-27487 and A-A 59326 standards.
NBR gasket with the couplers.



| | |
|---|---|
| **Size :** | DN15 to DN100 (1/2" to 4") |
| **Connection :** | Female, Male BSP and hose coupling |
| **Min Temperature :** | -10°C |
| **Max Temperature :** | +80°C |
| **Max Pressure :** | 16 Bars |
| **Specifications :** | Stainless steel fittings<br>NBR gasket<br>Stainless steel cam<br>According to MIL-C-27487 and A-A 59326 |
| **Materials :** | Stainless steel ASTM A351 CF8M |

# STAINLESS STEEL CAM-LOCK COUPLERS ( 2241-2248 )

***SPECIFICATIONS :***

- Stainless steel fittings
- NBR gasket ( only for couplers )
- According to MIL-C-27487 and A-A 59326

***USE :***

- For all common fluids of 2nd group
- Min and max Temperature Ts : - 10°C to + 80°C
- Max Pressure Ps : See the table thereafter

| DN | 1/2" | 3/4" | 1" | 1"1/4 | 1"1/2 | 2" | 2"1/2 | 3" | 4" |
|---|---|---|---|---|---|---|---|---|---|
| **Ps ( Bar )** | 11 | 18 | 18 | 18 | 18 | 18 | 16 | 14 | 14 |

***RANGE :***

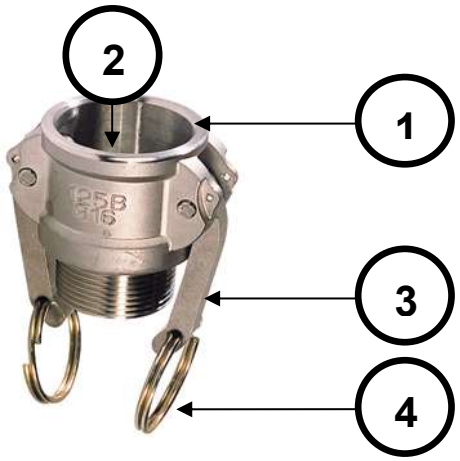
- Female adapter type A **Ref.2241** DN 1/2“ to DN 4“
- Male coupler type B **Ref.2242** DN 1/2“ to DN 4“
- Hose coupler type C **Ref.2243** DN 1/2“ to DN 4“
- Female coupler type D **Ref.2244** DN 1/2“ to DN 4“
- Hose adapter type E **Ref.2245** DN 1/2“ to DN 4“
- Male adapter type F **Ref.2246** DN 1/2“ to DN 4“
- Cap coupler type DC **Ref.2247** DN 1/2“ to DN 4“
- Plug adapter type DP **Ref.2248** DN 1/2“ to DN 4“
- **Other gasket on demand : EPDM , FKM and FKM+PTFE**

***TEMPERATURE AND REFERENCE FOR GASKET NBR, EPDM, FKM AND FKM+PTFE :***

| GASKET | TEMPERATURE | 1/2" | 3/4" | 1" | 1"1/4 | 1"1/2 | 2" | 2"1/2 | 3" | 4" |
|---|---|---|---|---|---|---|---|---|---|---|
| **NBR** | **From -10°C to +80°C** | **9830860** | **9830861** | **9830862** | **9830863** | **9830864** | **9830865** | **9830866** | **9830867** | **9830868** |
| EPDM | From -10°C to +130°C | 9830850 | 9830851 | 9830852 | 9830853 | 9830854 | 9830855 | 9830856 | 9830857 | 9830858 |
| **FKM** | **From -10°C to +180°C** | **9830870** | **9830871** | **9830872** | **9830873** | **9830874** | **9830875** | **9830876** | **9830877** | **9830878** |

# STAINLESS STEEL CAM-LOCK COUPLERS ( 2241-2248 )

***MATERIALS :***




| Item | Designation | Materials |
|---|---|---|
| 1 | Body | ASTM A351 CF8M |
| 2 | Gasket | NBR |
| 3 | Cam | ASTM A351 CF8M |
| 4 | Ring | |

***REPAIRABILITY :***



| *Gasket (Item 2) | | | |
|---|---|---|---|
| DN | Ref. NBR | Ref. EPDM | Ref. FKM |
| DN1/2" | 9830860 | 9830850 | 9830870 |
| DN3/4" | 9830861 | 9830851 | 9830871 |
| DN1" | 9830862 | 9830852 | 9830872 |
| DN1"1/4 | 9830863 | 9830853 | 9830873 |
| DN1"1/2 | 9830864 | 9830854 | 9830874 |
| DN2" | 9830865 | 9830855 | 9830875 |
| DN2"1/2 | 9830866 | 9830856 | 9830876 |
| DN3" | 9830867 | 9830857 | 9830877 |
| DN4" | 9830868 | 9830858 | 9830878 |

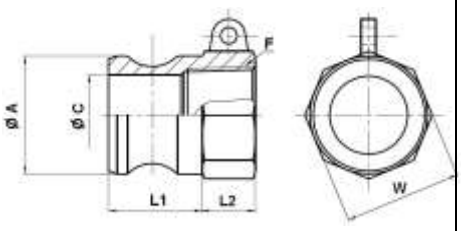


Information provided as an indication and subject to possible modification

# STAINLESS STEEL CAM-LOCK COUPLERS ( 2241-2248 )

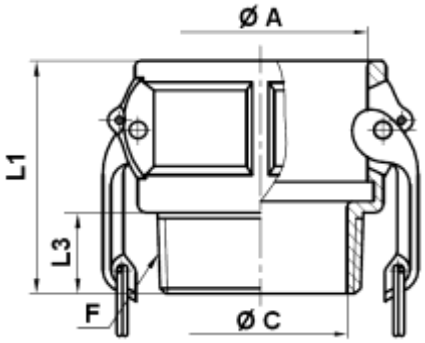
***SIZE ( in mm ) :***

- **Female adapter type A Ref.2241**



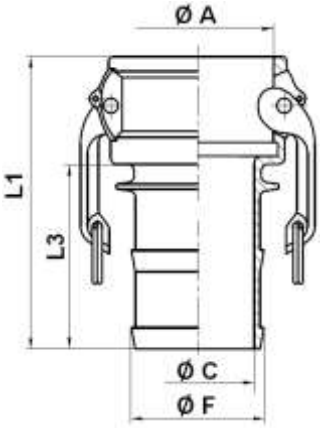

| REF. | DN | 1/2" | 3/4" | 1" | 1"1/4 | 1"1/2 | 2" | 2"1/2 | 3" | 4" |
|---|---|---|---|---|---|---|---|---|---|---|
| 2241 | F | 1/2" | 3/4" | 1" | 1"1/4 | 1"1/2 | 2" | 2"1/2 | 3" | 4" |
| | Ø A | 24 | 32.4 | 36.7 | 45.5 | 53.5 | 63 | 75.8 | 91.5 | 119.5 |
| | Ø C | 14.17 | 21.9 | 24.6 | 30.2 | 38 | 46.85 | 58.4 | 75 | 102.4 |
| | L1 | 25.4 | 25.5 | 33.5 | 39 | 41 | 47.5 | 49 | 50 | 52 |
| | L2 | 14.6 | 11 | 12 | 12 | 13 | 13 | 16 | 18 | 21 |
| | W on flat | 26 | 32.5 | 38 | 47 | 54.5 | 65 | 80 | 94 | 120 |
| | Weig. (Kg) | 0.067 | 0.116 | 0.159 | 0.208 | 0.287 | 0.432 | 0.757 | 0.726 | 1.290 |

- **Male coupler type B Ref.2242**




| REF. | DN | 1/2" | 3/4" | 1" | 1"1/4 | 1"1/2 | 2" | 2"1/2 | 3" | 4" |
|---|---|---|---|---|---|---|---|---|---|---|
| 2242 | F | 1/2" | 3/4" | 1" | 1"1/4 | 1"1/2 | 2" | 2"1/2 | 3" | 4" |
| | Ø A | 24.3 | 32.5 | 37.3 | 46 | 54 | 63.8 | 76.5 | 92.2 | 120.2 |
| | Ø C | 13 | 19.5 | 25.4 | 33.8 | 40 | 51 | 62 | 76 | 100 |
| | L1 | 44 | 47 | 55.5 | 61 | 63 | 72 | 81 | 84 | 91 |
| | L3 | 15 | 15.5 | 19.5 | 20 | 20.5 | 24 | 29.5 | 31 | 36 |
| | Weig. (Kg) | 0.163 | 0.202 | 0.285 | 0.457 | 0.496 | 0.622 | 0.949 | 1.343 | 1.877 |

- **Hose coupler type C Ref.2243**




| REF. | DN | 1/2" | 3/4" | 1" | 1"1/4 | 1"1/2 | 2" | 2"1/2 | 3" | 4" |
|---|---|---|---|---|---|---|---|---|---|---|
| 2243 | Ø F | 15 | 21 | 27.3 | 34 | 40.4 | 53 | 66.7 | 79 | 104.5 |
| | Ø A | 24.3 | 32.5 | 37.3 | 46 | 54 | 63.8 | 76.5 | 92.2 | 120.2 |
| | Ø C | 8.2 | 14.2 | 20.6 | 26.6 | 33 | 44.5 | 57.5 | 69 | 93 |
| | L1 | 64 | 81.5 | 93 | 98 | 103.5 | 117 | 130.5 | 151 | 159 |
| | L3 | 35 | 50 | 57 | 57 | 61 | 69 | 79 | 98 | 104 |
| | Weig. (Kg) | 0.195 | 0.232 | 0.315 | 0.515 | 0.583 | 0.690 | 1.231 | 1.863 | 2.507 |