

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

Stainless steel cam-lock couplings for all common fluids of 2<sup>nd</sup> 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  
NBR gasket  
Stainless steel cam  
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 2<sup>nd</sup> 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 :

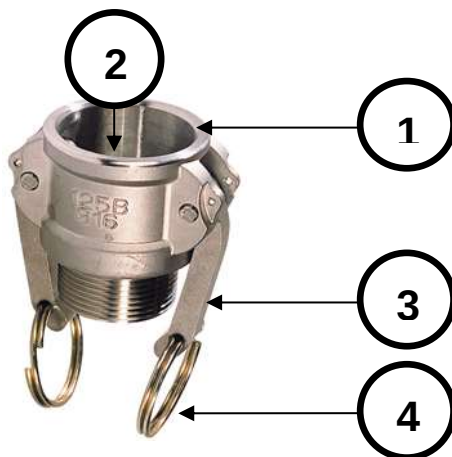
- Female adapter type A **Ref.2241** DN 1/2" to DN 4"
- Male coupler type B **Ref.2242** DN 1/2" to DN 4"
- Hose coupler type C **Ref.2243** DN 1/2" to DN 4"
- Female coupler type D **Ref.2244** DN 1/2" to DN 4"
- Hose adapter type E **Ref.2245** DN 1/2" to DN 4"
- Male adapter type F **Ref.2246** DN 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 :

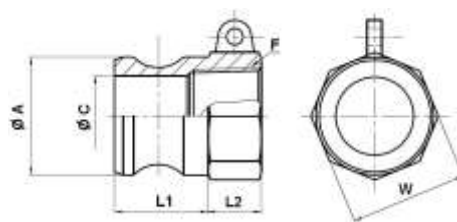


| *Gasket (Item 2) |          |           |          |
|------------------|----------|-----------|----------|
| DN               | Ref. NBR | Ref. EPDM | Ref. FKM |
| DN1/2"           | 9830860  | 9830850   | 9830870  |
| DN3/4"           | 9830861  | 9830851   | 9830871  |
| DN1"             | 9830862  | 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  |

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

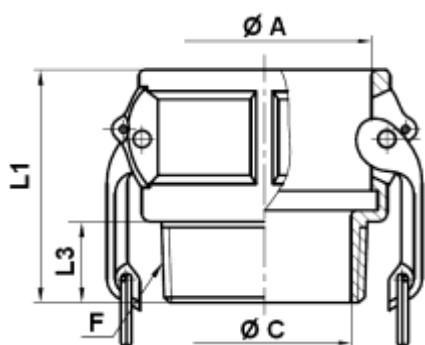
**SIZE ( in mm ) :**

- Female adapter type A Ref.2241



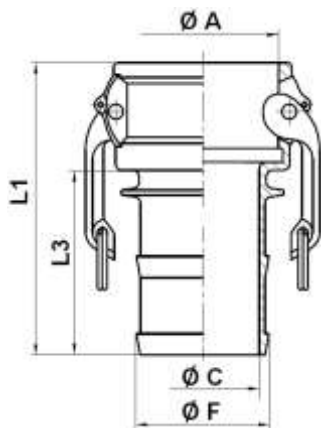
| REF. | DN         | 1/2"  | 3/4"  | 1"    | 1"1/4 | 1"1/2 | 2"    | 2"1/2 | 3"    | 4"    |
|------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2241 | F          | 1/2"  | 3/4"  | 1"    | 1"1/4 | 1"1/2 | 2"    | 2"1/2 | 3"    | 4"    |
|      | Ø A        | 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

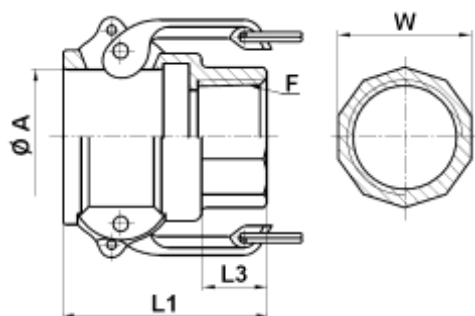


| REF. | DN         | 1/2"  | 3/4"  | 1"    | 1"1/4 | 1"1/2 | 2"    | 2"1/2 | 3"    | 4"    |
|------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2243 | Ø F        | 15    | 21    | 27.3  | 34    | 40.4  | 53    | 66.7  | 79    | 104.5 |
|      | Ø A        | 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 |

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

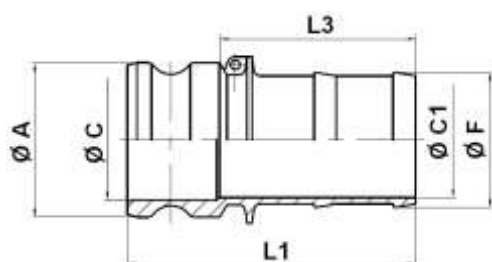
**SIZE ( in mm ) :**

- Female coupler type D Ref.2244



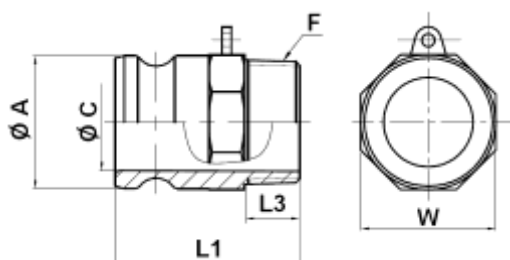
| REF. | DN         | 1/2"  | 3/4"  | 1"    | 1"1/4 | 1"1/2 | 2"    | 2"1/2 | 3"    | 4"    |
|------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2244 | F          | 1/2"  | 3/4"  | 1"    | 1"1/4 | 1"1/2 | 2"    | 2"1/2 | 3"    | 4"    |
|      | Ø A        | 24.3  | 32.5  | 37.3  | 46    | 54    | 63.8  | 76.5  | 92.2  | 120.2 |
|      | L1         | 43.5  | 46    | 54    | 61    | 63    | 72    | 80.5  | 84    | 89    |
|      | L3         | 14.5  | 14.5  | 18    | 20    | 20.5  | 24    | 29    | 31    | 34    |
|      | W on flat  | 26    | 31    | 38    | 47    | 54    | 65    | 80    | 93.5  | 120   |
|      | Weig. (Kg) | 0.188 | 0.239 | 0.315 | 0.463 | 0.532 | 0.661 | 0.892 | 1.354 | 2.003 |

- Hose adapter type E Ref.2245



| REF. | DN         | 1/2"  | 3/4"  | 1"    | 1"1/4 | 1"1/2 | 2"    | 2"1/2 | 3"    | 4"    |
|------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2245 | Ø F        | 15    | 21    | 27.3  | 34    | 40.4  | 53    | 66.7  | 79    | 104.5 |
|      | 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 |
|      | Ø C1       | 8.2   | 14.2  | 20.6  | 26.5  | 33    | 44    | 57    | 69    | 93    |
|      | L1         | 68.5  | 86.5  | 99    | 104   | 111   | 128   | 140   | 160   | 166   |
|      | L3         | 45    | 63.1  | 68    | 71.4  | 77    | 88    | 98    | 118   | 123   |
|      | Weig. (Kg) | 0.111 | 0.165 | 0.268 | 0.375 | 0.527 | 0.683 | 1.216 | 1.766 | 2.443 |

- Male adapter type F Ref.2246

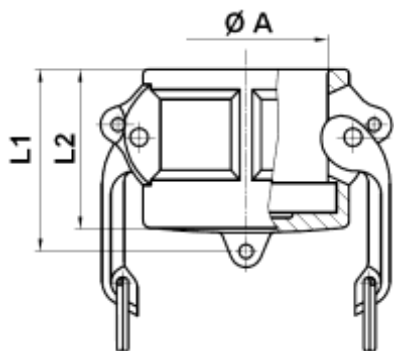


| REF. | DN         | 1/2"  | 3/4"  | 1"    | 1"1/4 | 1"1/2 | 2"    | 2"1/2 | 3"    | 4"    |
|------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2246 | F          | 1/2"  | 3/4"  | 1"    | 1"1/4 | 1"1/2 | 2"    | 2"1/2 | 3"    | 4"    |
|      | Ø A        | 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         | 50.4  | 51.5  | 63    | 71    | 73.5  | 84.5  | 95    | 98    | 108   |
|      | L3         | 15    | 16    | 18.5  | 21    | 20.5  | 24    | 30    | 31    | 36    |
|      | W on flat  | 26.4  | 32.5  | 38    | 47    | 54.5  | 65    | 78    | 94    | 120   |
|      | Weig. (Kg) | 0.086 | 0.176 | 0.249 | 0.250 | 0.382 | 0.522 | 1.049 | 1.170 | 2.193 |

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

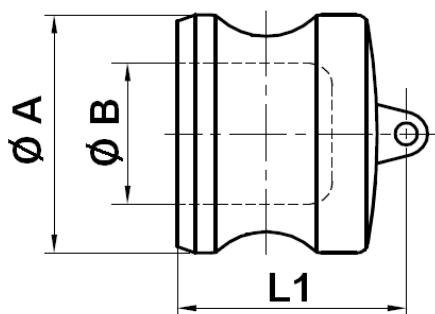
### SIZE ( in mm ) :

- Cap coupler type DC Ref.2247



| REF. | DN         | 1/2"  | 3/4"  | 1"    | 1"1/4 | 1"1/2 | 2"   | 2"1/2 | 3"    | 4"    |
|------|------------|-------|-------|-------|-------|-------|------|-------|-------|-------|
| 2247 | Ø A        | 24.3  | 32.5  | 37.3  | 46    | 54    | 63.8 | 76.5  | 92.2  | 120.2 |
|      | L1         | 34    | 36.5  | 41.7  | 47.6  | 51    | 54   | 58    | 62.5  | 65    |
|      | L2         | 29    | 31.5  | 36    | 41    | 42.5  | 48   | 51.5  | 53    | 55    |
|      | Weig. (Kg) | 0.156 | 0.183 | 0.260 | 0.415 | 0.456 | 0.69 | 0.847 | 1.195 | 1.924 |

- Cap adapter type DP Ref.2248



| REF. | DN         | 1/2"  | 3/4"  | 1"    | 1"1/4 | 1"1/2 | 2"    | 2"1/2 | 3"    | 4"    |
|------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2248 | Ø A        | 24    | 32.4  | 36.7  | 45.5  | 53.5  | 63    | 75.8  | 91.5  | 119.5 |
|      | Ø B        | 14.17 | 21.9  | 24.6  | 30.2  | 38    | 46.85 | 58.4  | 75    | 102.4 |
|      | L1         | 31    | 30    | 37.4  | 43    | 44.2  | 48    | 53.5  | 56.5  | 58    |
|      | Weig. (Kg) | 0.089 | 0.084 | 0.142 | 0.236 | 0.299 | 0.443 | 0.679 | 0.959 | 1.514 |

### STANDARDS :

- Manufacturer certified ISO 9001 : 2015
- Directive 2014/68/EU : Products excluded from directive (Article 4, § 3)
- Designing according to MIL-C-27487 and A-A 59326
- Threaded female BSP cylindrical according to ISO 228-1 and male BSP conical according to ISO 7-1 R

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