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**REF. 2200**

# ALUMINIUM CAM-LOCK COUPLERS ( 2201-2208 )

WORLD CERTIFICATION SERVICES
ISO 9001 : 2008



Ташев-Галвинг ООД
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| | |
|---|---|
| **Size :** | DN 15 to DN 100 |
| **Ends :** | Female, Male and hose coupling |
| **Min Temperature :** | - 10°C |
| **Max Temperature :** | + 60°C |
| **Max Pressure :** | 16 Bars |
| **Specifications :** | Aluminium<br>NBR gasket<br>According to MIL-C-27487 |

**Materials :** Aluminium

Sferaco 90 rue du Ruisseau 38297 St Quentin Fallavier Tel: + 33 (0) 474.94.15.90 Fax: + 33 (0) 474.95.62.08 Internet: www.sferaco.fr E-mail : sferaco@sferaco.fr



Information provided as an indication and subject to possible modification

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# ALUMINIUM CAM-LOCK COUPLERS ( 2201-2208 )

***SPECIFICATIONS :***

- Aluminium
- NBR gasket ( only for couplers )
- According to MIL-C-27487

***UTILISATION :***

- For all common fluids
- Min and max Temperature Ts : - 10°C to + 60°C
- Max Pressure PN : See the table thereafter

| DN | 1/2“ | 3/4“ | 1“ | 1“1/4 | 1“1/2 | 2“ | 2“1/2 | 3“ | 4“ |
|---|---|---|---|---|---|---|---|---|---|
| PN ( Bar ) | 11 | 16 | 16 | 16 | 16 | 16 | 11 | 9 | 7 |

***RANGE :***

- Female adapter type A **Ref.2201** DN 1/2“ to DN 4“
- Male coupler type B **Ref.2202** DN 1/2“ to DN 4“
- Hose coupler type C **Ref.2203** DN 1/2“ to DN 4“
- Female coupler type D **Ref.2204** DN 1/2“ to DN 4“
- Hose adapter type E **Ref.2205** DN 1/2“ to DN 4“
- Male adapter type F **Ref.2206** DN 1/2“ to DN 4“
- Cap coupler type DC **Ref.2207** DN 1/2“ to DN 4“
- Plug adapter type DP **Ref.2208** DN 1/2“ to DN 4“
- **Other gasket on demand : EPDM or FKM**

***MATERIALS :***




| Item | Designation | Materials |
|---|---|---|
| 1 | Body | Aluminium |
| 2 | Gasket | NBR |
| 3 | Cam | Brass |
| 4 | Ring | Brass |

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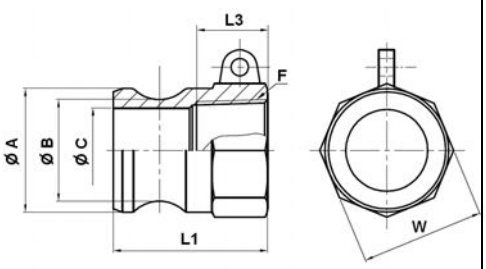
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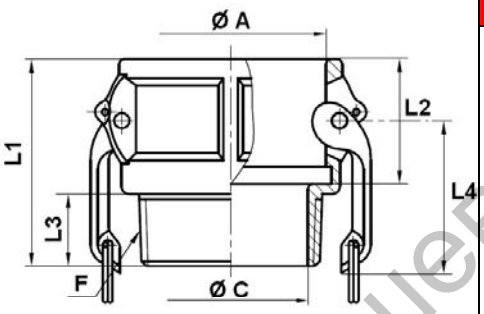
***SIZE ( in mm ) :***

- **Female adapter type A Ref.2201**



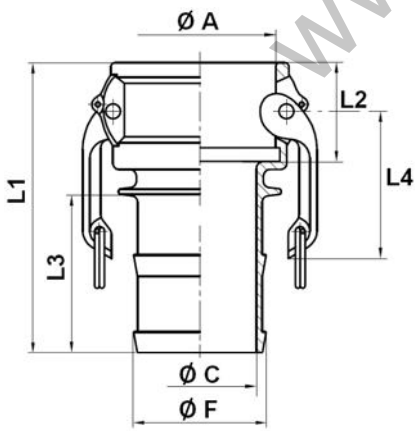

| REF. | DN | 1/2" | 3/4“ | 1“ | 1“1/4 | 1“1/2 | 2“ | 2“1/2 | 3“ | 4“ |
|---|---|---|---|---|---|---|---|---|---|---|
| 2201 | F | 1/2" | 3/4“ | 1“ | 1“1/4 | 1“1/2 | 2“ | 2“1/2 | 3“ | 4“ |
| | Ø A | 24 | 32.4 | 36.7 | 45.5 | 53.5 | 63 | 75.8 | 91.5 | 119.5 |
| | Ø B | 18.2 | 26.2 | 29 | 35.2 | 43.1 | 52.5 | 64.6 | 81 | 106 |
| | Ø C | 13 | 21.2 | 24 | 28.5 | 36.5 | 46 | 56.6 | 73 | 98 |
| | L1 | 40 | 40 | 48 | 54.6 | 56 | 63 | 68.2 | 69 | 76.5 |
| | L3 | 17 | 17 | 20 | 21 | 24 | 24 | 30 | 34 | 34 |
| | W on flat | 27 | 32 | 39 | 49 | 54.5 | 65 | 81 | 95 | 122 |
| | Weight (Kg) | 0.023 | 0.047 | 0.059 | 0.082 | 0.11 | 0.15 | 0.28 | 0.3 | 0.5 |

- **Male coupler type B Ref.2202**




| REF. | DN | 1/2" | 3/4“ | 1“ | 1“1/4 | 1“1/2 | 2“ | 2“1/2 | 3“ | 4“ |
|---|---|---|---|---|---|---|---|---|---|---|
| 2202 | F | 1/2" | 3/4“ | 1“ | 1“1/4 | 1“1/2 | 2“ | 2“1/2 | 3“ | 4“ |
| | Ø A | 24 | 32.5 | 37.3 | 46 | 54 | 63.8 | 76.5 | 92.2 | 120.2 |
| | Ø C | 12.8 | 19.5 | 25.5 | 32 | 40 | 50 | 62 | 76 | 99 |
| | L1 | 46.8 | 47.5 | 56 | 63 | 66 | 76 | 83 | 87 | 94.5 |
| | L2 | 27 | 29 | 36 | 42 | 42 | 47.5 | 50 | 51 | 52 |
| | L3 | 16 | 21 | 22 | 24 | 21 | 23 | 30 | 30 | 40 |
| | L4 | 30 | 30 | 38 | 59 | 59 | 59 | 59 | 70 | 70 |
| | Weight (Kg) | 0.08 | 0.11 | 0.155 | 0.275 | 0.297 | 0.375 | 0.464 | 0.635 | 1.059 |

- **Hose coupler type C Ref.2203**




| REF. | DN | 1/2" | 3/4“ | 1“ | 1“1/4 | 1“1/2 | 2“ | 2“1/2 | 3“ | 4“ |
|---|---|---|---|---|---|---|---|---|---|---|
| 2203 | Ø F | 15 | 21.4 | 27.3 | 34 | 40.4 | 53 | 66.7 | 79.3 | 104.7 |
| | Ø A | 24 | 32.5 | 37.3 | 46 | 54 | 63.8 | 76.5 | 92.2 | 120.2 |
| | Ø C | 8 | 13 | 19.5 | 25.5 | 31.7 | 44 | 57 | 67.5 | 94 |
| | L1 | 64 | 92.5 | 106 | 112 | 118 | 135 | 147 | 161 | 164.5 |
| | L2 | 27 | 29 | 36 | 42 | 42 | 47.5 | 50 | 51 | 52 |
| | L3 | 30 | 53 | 60 | 58 | 75 | 85 | 79 | 104 | 112 |
| | L4 | 30 | 30 | 38 | 59 | 59 | 59 | 59 | 70 | 70 |
| | Weight (Kg) | 0.09 | 0.115 | 0.179 | 0.296 | 0.356 | 0.497 | 0.522 | 0.924 | 1.22 |

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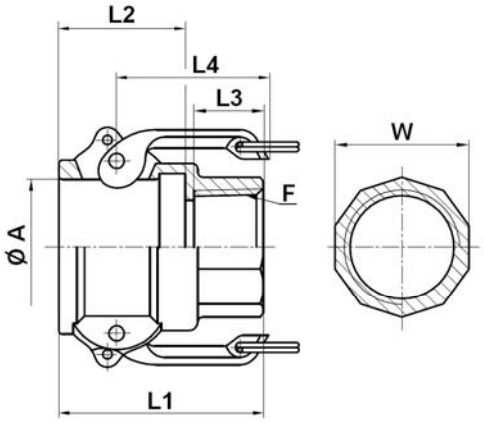
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# REF. 2200

## ALUMINIUM CAM-LOCK COUPLERS ( 2201-2208 )

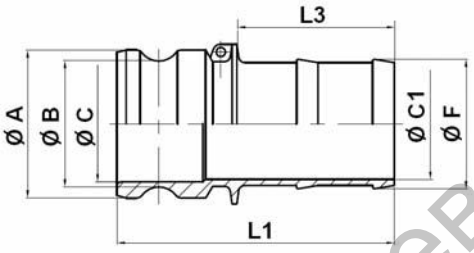
***SIZE ( in mm ) :***

- **Female coupler type D Ref.2204**



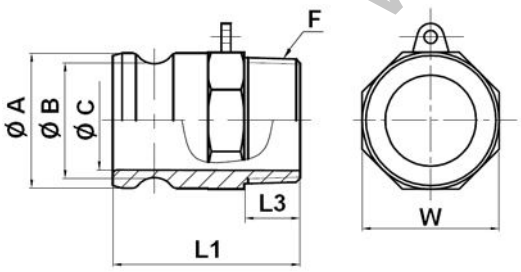

| REF. | DN | 1/2" | 3/4“ | 1“ | 1“1/4 | 1“1/2 | 2“ | 2“1/2 | 3“ | 4“ |
|---|---|---|---|---|---|---|---|---|---|---|
| 2204 | F | 1/2" | 3/4“ | 1“ | 1“1/4 | 1“1/2 | 2“ | 2“1/2 | 3“ | 4“ |
| | Ø A | 24 | 32.5 | 37.3 | 46 | 54 | 63.8 | 76.5 | 92.2 | 120.2 |
| | L1 | 45.3 | 46 | 56 | 63 | 66 | 76 | 83 | 87 | 92.5 |
| | L2 | 27 | 29 | 36 | 42 | 42 | 47.5 | 50 | 51 | 52 |
| | L3 | 17 | 20 | 22 | 20 | 25 | 24 | 25 | 33 | 36 |
| | L4 | 30 | 30 | 38 | 59 | 59 | 59 | 59 | 70 | 70 |
| | W on flat | 26.4 | 32 | 39 | 49 | 54.5 | 65 | 81 | 95 | 122 |
| | Weight (Kg) | 0.09 | 0.116 | 0.176 | 0.273 | 0.338 | 0.393 | 0.465 | 0.674 | 0.932 |

- **Hose adapter type E Ref.2205**




| REF. | DN | 1/2" | 3/4“ | 1“ | 1“1/4 | 1“1/2 | 2“ | 2“1/2 | 3“ | 4“ |
|---|---|---|---|---|---|---|---|---|---|---|
| 2205 | Ø F | 15.1 | 21.5 | 27.3 | 34 | 40.4 | 53 | 66.7 | 79.3 | 104.7 |
| | Ø A | 24 | 32.4 | 36.7 | 45.5 | 53.5 | 63 | 75.8 | 91.5 | 119.5 |
| | Ø B | 18.2 | 26.2 | 29 | 35.2 | 43.1 | 52.5 | 64.6 | 81 | 106 |
| | Ø C | 13 | 21.2 | 24 | 28.5 | 36.5 | 46 | 56.6 | 73 | 98 |
| | Ø C1 | 8 | 13 | 19.5 | 25.5 | 31.7 | 44 | 57 | 67.5 | 92 |
| | L1 | 72 | 102 | 102 | 108 | 113 | 131 | 142 | 166 | 173.5 |
| | L3 | 43 | 53 | 61 | 56 | 76 | 85 | 79 | 100 | 113 |
| | Weight (Kg) | 0.04 | 0.07 | 0.11 | 0.15 | 0.2 | 0.32 | 0.41 | 0.57 | 0.97 |

- **Male adapter type F Ref.2206**




| REF. | DN | 1/2" | 3/4“ | 1“ | 1“1/4 | 1“1/2 | 2“ | 2“1/2 | 3“ | 4“ |
|---|---|---|---|---|---|---|---|---|---|---|
| 2206 | 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 B | 18.2 | 26.2 | 29 | 35.2 | 43.1 | 52.5 | 64.6 | 81 | 106 |
| | Ø C | 13 | 21.2 | 24 | 28.5 | 36.5 | 46 | 56.6 | 73 | 98 |
| | L1 | 55 | 55 | 66 | 73.6 | 76 | 86.5 | 96.5 | 100 | 112 |
| | L3 | 15 | 20 | 22 | 24 | 22 | 24 | 28 | 31 | 39 |
| | W on flat | 27 | 32 | 39 | 46.5 | 54.5 | 64 | 77 | 93 | 120 |
| | Weight (Kg) | 0.028 | 0.066 | 0.1 | 0.15 | 0.18 | 0.28 | 0.43 | 0.57 | 1.05 |

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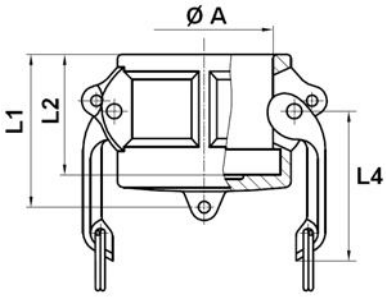
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## ALUMINIUM CAM-LOCK COUPLERS ( 2201-2208 )

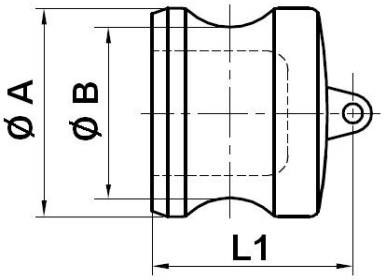
***SIZE ( in mm ) :***

- **Cap coupler type DC Ref.2207**




| REF. | DN | 1/2" | 3/4“ | 1“ | 1“1/4 | 1“1/2 | 2“ | 2“1/2 | 3“ | 4“ |
|---|---|---|---|---|---|---|---|---|---|---|
| 2207 | Ø A | 24 | 32.5 | 37.3 | 46 | 54 | 63.8 | 76.5 | 92.2 | 120.2 |
| | L1 | 34.8 | 36 | 45 | 51 | 54.2 | 63 | 65 | 64 | 70 |
| | L2 | 27 | 29 | 36 | 42 | 42 | 47.5 | 50 | 51 | 52 |
| | L4 | 30 | 30 | 38 | 59 | 59 | 59 | 59 | 70 | 70 |
| | Weight (Kg) | 0.05 | 0.1 | 0.145 | 0.29 | 0.30 | 0.36 | 0.41 | 0.65 | 0.9 |

- **Plug adapter type DP Ref.2208**




| REF. | DN | 1/2" | 3/4“ | 1“ | 1“1/4 | 1“1/2 | 2“ | 2“1/2 | 3“ | 4“ |
|---|---|---|---|---|---|---|---|---|---|---|
| 2208 | Ø A | 24 | 32.4 | 36.7 | 45.5 | 53.5 | 63 | 75.8 | 91.5 | 119.5 |
| | Ø B | 18.2 | 26.2 | 29 | 35.2 | 43.1 | 52.5 | 64.6 | 81 | 106 |
| | L1 | 31 | 32 | 40 | 45 | 45 | 52 | 55 | 58 | 61 |
| | Weight (Kg) | 0.03 | 0.04 | 0.05 | 0.07 | 0.12 | 0.18 | 0.24 | 0.29 | 0.52 |

***STANDARDS :***

- Fabrication according to ISO 9001 : 2008
- Directive 97/23/CE : Products excluded from directive ( Article 1, § 3.2 )
- Designing according to MIL-C-27487 and A-A 59326
- Threaded male and female BSP cylindrical according to ISO 228-1

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Sferaco 90 rue du Ruisseau 38297 St Quentin Fallavier Tel: + 33 (0) 474.94.15.90 Fax: + 33 (0) 474.95.62.08 Internet: www.sferaco.fr E-mail : sferaco@sferaco.fr


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