

ALUMINIUM CAM-LOCK COUPLERS (2201-2208)

Aluminium 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 : Aluminium fittings
NBR gasket
Brass cam
According to MIL-C-27487 and A-A 59326

Materials : Aluminium

ALUMINIUM CAM-LOCK COUPLERS (2201-2208)

SPECIFICATIONS :

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

UTILISATION :

- 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	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**

TEMPERATURE AND REFERENCE FOR GASKET NBR AND EPDM :

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

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MATERIALS :



Item	Designation	Materials
1	Body	Aluminium
2	Gasket	NBR
3	Cam	Brass or AISI 301
4	Ring	Brass

REPAIRABILITY :



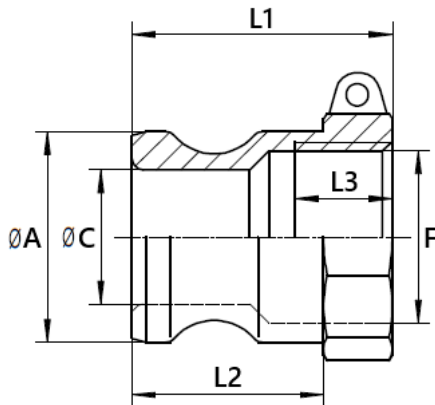
* NBR gasket (Item 2)	
DN	Ref.
DN1/2"	9830860
DN3/4"	9830861
DN1"	9830862
DN1"1/4	9830863
DN1"1/2	9830864
DN2"	9830865
DN2"1/2	9830866
DN3"	9830867
DN4"	9830868

ALUMINIUM CAM-LOCK COUPLERS (2201-2208)

SIZE (in mm) :

- Female adapter type A Ref.2201

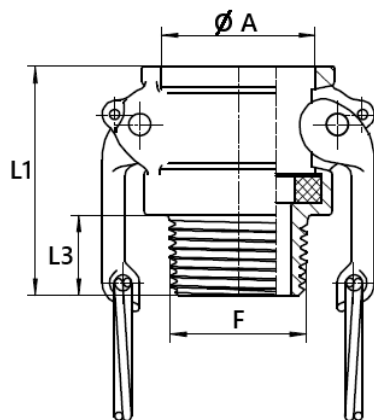
Modification in progress



DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
F	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Ø A	23.8	32.1	36.7	45.5	53.4	63	75.8	91.5	119.5
Ø C	12.8- 14.1	21.2- 22	24	28.5- 30	36.5- 37.8	46- 47.1	56.6- 59	73- 75	98- 102.5
L1	40- 38	40- 36	49- 44	54.6- 53	56- 55	63- 61	78- 80	69- 67	76.5- 75.5
L2	26- 27.5	26	34	40.5	41.5- 42	48- 48.5	49.5- 50	50.8- 51.5	53
L3	15.5- 14.5	16- 15	19- 20	21- 22	23- 22	25- 23.5	29- 27	30	36- 32
Weig. (Kg)	0.023	0.032	0.044	0.1	0.1	0.13	0.174	0.23	0.41
Ref.	2201 004	2201 005	2201 006	2201 007	2201 008	2201 009	2201 010	2201 011	2201 012

- Male coupler type B Ref.2202

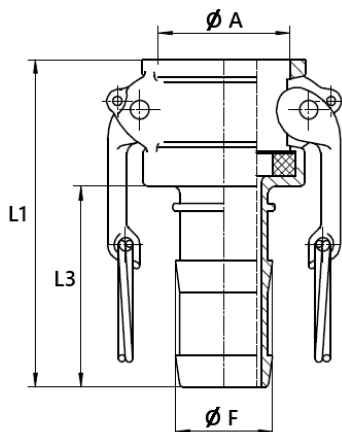
Modification in progress



DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
F	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Ø A	24.5	32.4	37.3	46	54	63.8	76.5	92.2	120.3
L1	46.6- 47.5	47- 48.8	56- 58.3	63- 65	66- 67	76- 75	83- 84.8	87- 87.5	94- 95.5
L3	15.8- 17	15.5- 18	18- 19.5	19- 20	20- 21.6	24- 23.5	29- 30	31- 30.5	37.5- 36.1
Weig. (Kg)	0.08	0.11	0.14	0.235	0.26	0.29	0.45	0.54	0.73
Ref.	2202 004	2202 005	2202 006	2202 007	2202 008	2202 009	2202 010	2202 011	2202 012

- Hose coupler type C Ref.2203

Modification in progress



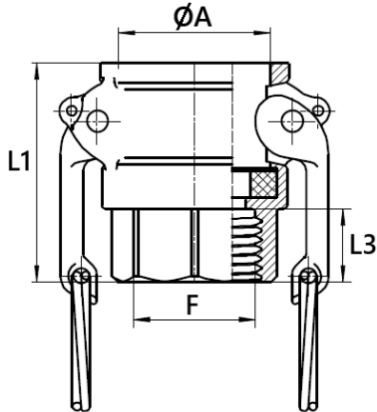
DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Ø F	15	21.4	27.7	34.2	40.5	52- 53	66.7- 66	79.3- 78.5	104.7- 104
Ø A	24.3	32.4	37.3	46	54	63.8	76.5	92.2	120.3
L1	64	92.5- 81.6	106- 95.8	112- 102.5	118- 115	135- 133	147- 150.3	161- 168.5	164- 169.5
L3		61- 50.8	68- 57	68- 57.5	72- 69.5	83- 81.5	93- 95.5	105- 111	106- 110
Weig. (Kg)	0.09	0.113	0.17	0.27	0.296	0.38	0.51	0.737	0.97
Ref.	2203 004	2203 005	2203 006	2203 007	2203 008	2203 009	2203 010	2203 011	2203 012

ALUMINIUM CAM-LOCK COUPLERS (2201-2208)

SIZE (in mm) :

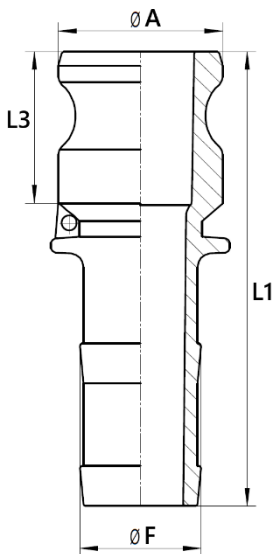
- Female coupler type D Ref.2204

Modification in progress



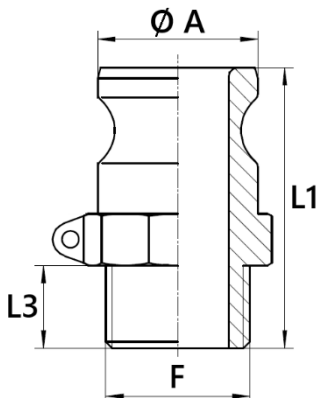
DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
F	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Ø A	24.5	32.4	37.3	46	54	63.8	76.5	92.2	120.3
L1	45.3 47.5	46 49.8	56 58.3	63 67	66 69.5	76 75.2	83 84.8	87 88.5	93 95.5
L3	16 18	15 19	18.5 19	19 22	20 24	25 24	29 30	31 32	35 36
Weig. (Kg)	0.09	0.098	0.149	0.242	0.281	0.312	0.4	0.53	0.8
Ref.	2204 004	2204 005	2204 006	2204 007	2204 008	2204 009	2204 010	2204 011	2204 012

- Hose adapter type E Ref.2205



DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Ø F	15	21.5	27.3	34	40.4	53	66.7	79	104.5
Ø A	23.8	32.1	36.7	45.5	53.4	63	75.8	91.5	119.5
L1	72	87.5	102	108	113	131	142	166	173.5
L3		25.4	33.5	39.6	37	44	45.6	43	46.5
Weig. (Kg)	0.04	0.06	0.097	0.15	0.2	0.31	0.45	0.54	0.84
Ref.	2205 004	2205 005	2205 006	2205 007	2205 008	2205 009	2205 010	2205 011	2205 012

- Male adapter type F Ref.2206



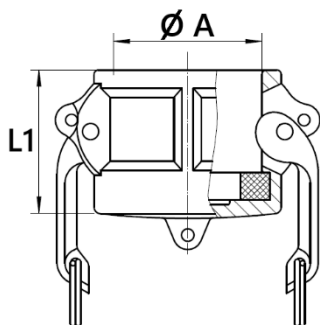
DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
F	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Ø A	23.8	32.1	36.7	45.5	53.4	63	75.8	91.5	119.5
L1	56	55	66	74	76	86.5	96	100	112
L3	16	15	18	20	20	23	28	31	37
Weig. (Kg)	0.028	0.049	0.076	0.125	0.161	0.214	0.319	0.421	0.633
Ref.	2206 004	2206 005	2206 006	2206 007	2206 008	2206 009	2206 010	2206 011	2206 012

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SIZE (in mm) :

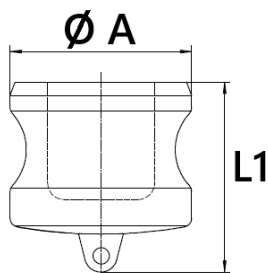
- Cap coupler type DC Ref.2207

Modification in progress



DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Ø A	24.5	32.4	37.3	46	54	63.8	76.5	92.2	120.3
L1	29.8 30.5	31.3	38- 39	44- 45	46	52	54- 54.8	56- 57.5	60- 59.2
Weig. (Kg)	0.05	0.09	0.15	0.29	0.24	0.33	0.373	0.51	0.73
Ref.	2207 004	2207 005	2207 006	2207 007	2207 008	2207 009	2207 010	2207 011	2207 012

- Plug adapter type DP Ref.2208



DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"	4"
Ø A	23.8	32.1	36.7	45.5	53.4	63	75.8	91.5	119.5
L1	37.5	37.5	50.4	57	58.5	65.5	66.5	70	72
Weig. (Kg)	0.02	0.03	0.05	0.086	0.12	0.18	0.24	0.32	0.465
Ref.	2208 004	2208 005	2208 006	2208 007	2208 008	2208 009	2208 010	2208 011	2208 012

STANDARDS :

- Manufacturer certified ISO 9001 : 2015 and ISO 14001 : 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

ADVICE : Our opinion and our advice are not guaranteed and SFERACO shall not be liable for the consequences of damages. The customer must check the right choice of the products with the real service conditions.