

DECA BRASS FITTINGS FOR PE PIPES POLYETHYLENE PIPING SYSTEM

4MS Brass fittings for PE pipes, polyethylene piping system for drinking water and water distribution.

NBR O-ring for a perfect tightness.

Installation on pipe without dismantling coupling.



Size : DN20 to DN90

Connection : Female, Male for PE pipes

Min Temperature : +4°C

Max Temperature : +40°C

Max Pressure : 16 Bars up to DN63 (10 bars over)

Specifications : Brass fittings for PE pipes

NBR o-ring

Installation on pipe without dismantling coupling

Materials : Brass CW617N-4MS according to EN 12165

*the installation defects and wear defects are not covered by the guarantee

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.com E-mail : info@sferaco.fr

DECA BRASS FITTINGS FOR PE PIPES POLYETHYLENE PIPING SYSTEM

SPECIFICATIONS :

- 4MS brass coupling for external tightening
- NBR gasket
- Installation on pipe without dismantling the coupling
- 10 years manufacturer warranty (the installation defects and wear defects are not covered by the guarantee)

USE :

- Water distribution
- Water with glycol up to 30%
- Min and max Temperature Ts : + 4°C to + 40°C
- Max Pressure Ps : 16 bars up to DN63 , 10 bars over

RANGE :

FOR POLYETHYLENE PIPE :

- Female coupling **Ref.860** from DN1/2"-D.20 to DN3"-D.90
- Male coupling **Ref.861** from DN1/2"-D.20 to DN3"-D.90
- Reduced male coupling **Ref.862** from DN3/8"-D.20 to DN1 1/2"-D.63
- Double connection coupling **Ref.863** from DN 20 to DN 90
- T coupling **Ref.864** from DN 20 to DN 90
- T male/female coupling **Ref.865** from DN 20-1/2"M-3/8"F to DN 90-3"M-2"1/2F
- L double connection coupling **Ref.866** from DN 20 to DN 75
- L male coupling **Ref.867** from DN1/2"-D.20 to DN2"1/2"-D.75
- L female coupling **Ref.868** from DN1/2"-D.20 to DN2"-D.63
- L female brass coupling with wall fixation **Ref.869** from DN1/2"-D.20 to DN3/4"-D.25
- Long double connection coupling **Ref.870** from D.25 to D.50
- Reduced female coupling **Ref.875** from DN1/2"-D.25 to DN1"-D.40
- Free nut coupling **Ref.876** from DN3/4"-D.20 to DN1"-D.32
- Free nut L coupling **Ref.800** from DN3/4"-D.20 to DN1"-D.32
- Reduction set (for PE side) **Ref.886** from D.25-20 to D.50-40

FOR CARBON STEEL PIPE :

- Female coupling **Ref.890** from D.21 to D.34
- Male coupling **Ref.891** from D.21 to D.34
- Double connection coupling **Ref.893** from D. 21 to D. 34
- T coupling **Ref.894** from D. 21 to D. 34

REPAIRABILITY :



DN	O-ring (item 2) Ref.	Ring (item 4) Ref.	Tightening ring (item 3) Ref.
DN16	9852001	9852101	9852201
DN20	9852002	9852102	9852202
DN25	9852003	9852103	9852203
DN32	9852004	9852104	9852204
DN40	9852005	9852105	9852205
DN50	9852006	9852106	9852206
DN63	9852007	9852107	9852207
DN75	9852008	9852108	9852208
DN90	9852009	9852109	9852209

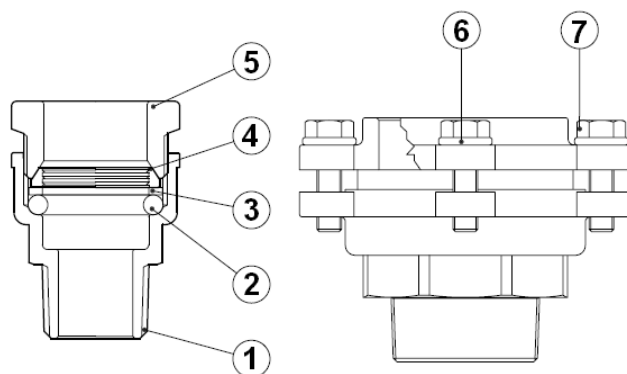
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MATERIALS FOR DN 20 TO DN 63 :



Item	Designation	Materials Ref.800 to 886	Materials Ref.890 to 894
1	Coupling	Brass CW617N-4MS according to EN 12165	Brass CW617N-4MS according to EN 12165
2	O ring	NBR	NBR
3	Tightening ring	Brass CW614N-4MS according to EN 12164	Brass CW614N-4MS according to EN 12164
4	Ring	Brass CW617N-4MS according to EN 12165	Stainless steel
5	Nut	Brass CW617N-4MS according to EN 12165	Brass CW617N-4MS according to EN 12165

MATERIALS FOR DN 75 TO DN 90 :

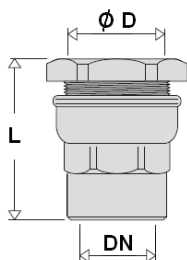


Item	Designation	Materials Ref.800 to 886
1	Coupling	Brass CW617N-4MS according to EN 12165
2	O ring	NBR 70 Shore
3	Tightening ring	Brass CW614N-4MS according to EN 12164
4	Ring	Brass CW614N-4MS according to EN 12164
5	Nut	Brass CW617N-4MS according to EN 12165
6	Washer	AISI 304
7	Screw	

DECA BRASS FITTINGS FOR PE PIPES POLYETHYLENE PIPING SYSTEM

SIZE (in mm) :

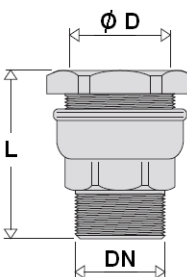
• **Female coupling Ref.860**



Ø D	20	21*	25	27*	25	32	34*	40	50	63	75	90
DN	1/2"		3/4"		1"			1"1/4	1"1/2	2"	2"1/2	3"
L	47.5	47.5	49.5	49.5	56	56	56	64.5	66.5	74.5	100	111.5
Weig. (Kg)	0.13	0.13	0.17	0.17	0.23	0.25	0.3	0.42	0.57	0.97	1.58	2.31
Ref.	860420	860421	860525	860527	860625	860632	860634	860740	860850	860963	860075	860090

*for PE pipes with dimension of cast steel pipes

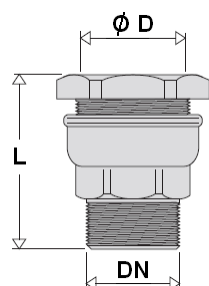
• **Male coupling Ref.861**



Ø D	20	21*	25	27*	25	32	34*	40	50	63	75	90
DN	1/2"		3/4"		1"			1"1/4	1"1/2	2"	2"1/2	3"
L	50.5	46	53	49	59.5	59.5	55	69	72.5	79.5	105	115
Weig. (Kg)	0.14	0.12	0.18	0.16	0.22	0.27	0.29	0.45	0.6	1.02	1.6	2.27
Ref.	861420	861421	861525	861527	861625	861632	861634	861740	861850	861963	861075	861090

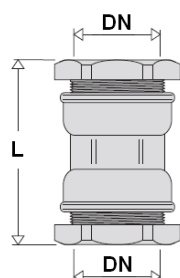
*for PE pipes with dimension of cast steel pipes

• **Reduced male coupling Ref.862**



Ø D	20	25	32	40	50	63
DN	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2
L	47	51.5	56.5	67	72	75.5
Weig. (Kg)	0.12	0.17	0.25	0.42	0.59	0.97
Ref.	862320	862425	862532	862640	862750	862863

• **Double connection coupling Ref.863**



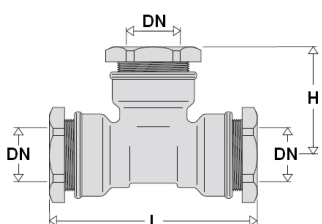
DN	20	21*	25	27*	32	34*	40	50	63	75	90
L	66.5	66.5	68.5	68.5	76.5	76.5	89	95	101.5	150	170
Weig. (Kg)	0.21	0.2	0.27	0.27	0.4	0.48	0.67	0.94	1.6	2.68	3.9
Ref.	863020	863021	863025	863027	863032	863034	863040	863050	863063	863075	863090

*for PE pipes with dimension of cast steel pipes

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SIZE (in mm) :

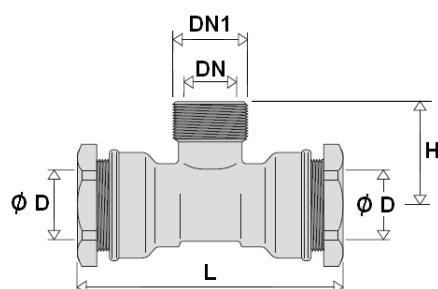
• **T coupling Ref.864**



DN	20	21*	25	27*	32	40	50	63	75	90
L	87	87	93	93	108	129	145	155	194	228
H	46	46	49	49	56.5	66.5	75	84	170	200
Weig. (Kg)	0.34	0.32	0.44	0.46	0.66	1.08	1.57	2.73	5.17	6.64
Ref.	864020	864021	864025	864027	864032	864040	864050	864063	864075	864090

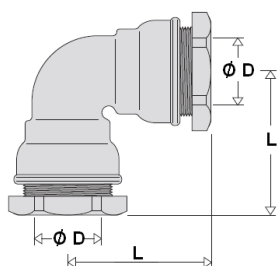
*for PE pipes with dimension of cast steel pipes

• **T male/female coupling Ref.865**



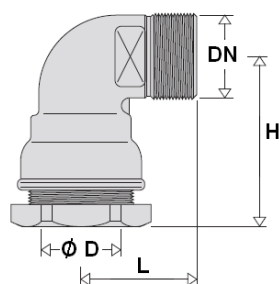
Ø D	20	25	32	40	50	63	75	90
DN	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2
DN1	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"
L	87	93	108	129	145	155	190	226
H	31.5	37	41	49	56	68	90	100
Weig. (Kg)	0.27	0.34	0.51	0.85	1.17	2.08	3.51	4.39
Ref.	865420	865525	865632	865740	865850	865963	865075	865090

• **L double connection coupling Ref.866**



Ø D	20	25	32	40	50	63	75
L	48.5	53.5	60.5	73.5	80.5	91.5	112
Weig. (Kg)	0.25	0.33	0.5	0.82	1.15	1.99	3.38
Ref.	866020	866025	866032	866040	866050	866063	866075

• **L male coupling Ref.867**

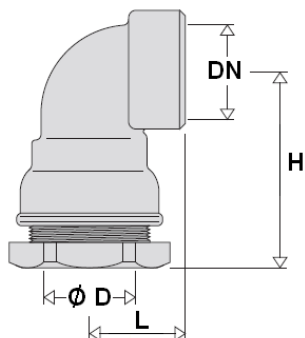


DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2
Ø D	20	25	32	40	50	63	75
L	30.5	37.5	43	51.5	57	69.5	90
H	37	42	48	58	64	74	117
Weig. (Kg)	0.18	0.25	0.37	0.55	0.81	1.38	2.39
Ref.	867420	867525	867632	867740	867850	867963	867075

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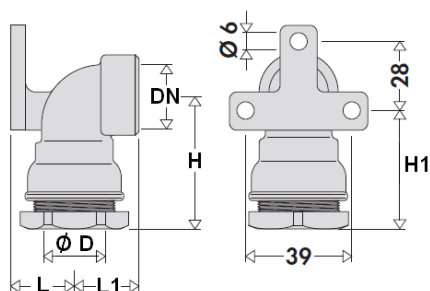
SIZE (in mm) :

- **L female coupling Ref.868**



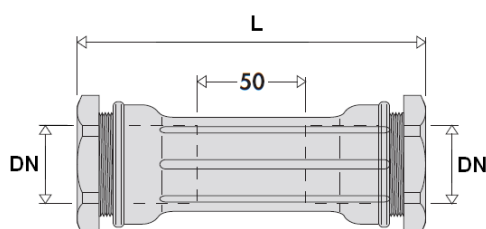
DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"
Ø D	20	25	32	40	50	63
L	26.5	28	32	38	42.5	67
H	48.5	53.5	60.5	73.5	80.5	91.5
Weig. (Kg)	0.17	0.23	0.34	0.54	0.75	1.44
Ref.	868420	868525	868632	868740	868850	868963

- **L female coupling with wall connection Ref.869**



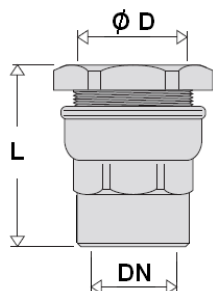
Ø D	20	25	25
DN	1/2"		3/4"
L	20	25	25
L1	25	26	26
H	48.5	53.5	53.5
H1	41.5	46.5	46.5
Weig. (Kg)	0.22	0.31	0.28
Ref.	869420	869425	869525

- **Long double connection coupling Ref.870**



DN	25	32	40	50
L	125	127	138	143
Weig. (Kg)	0.37	0.52	0.81	1.1
Ref.	870025	870032	870040	870050

- **Reduced female coupling Ref.875**

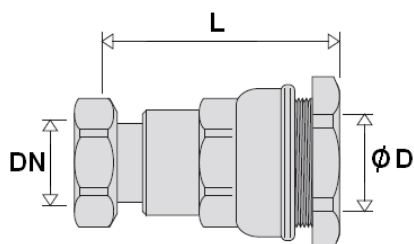


DN	1/2"	3/4"	1"
Ø D	25	32	40
L	49	55	66
Weig. (Kg)	0.18	0.27	0.46
Ref.	875425	875532	875640

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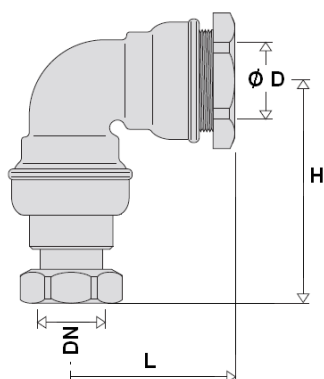
SIZE (in mm) :

- Free nut coupling Ref.876



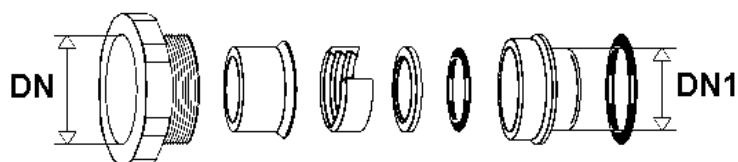
DN	3/4"		1"	
Ø D	20	25		32
L	59.5	61	64.5	70
Weig. (Kg)	0.21	0.26	0.29	0.39
Ref.	876520	876525	876625	876632

- Free nut L coupling Ref.800



Ø D	20	25		32
DN	3/4"		1"	
L	50	52	52	59
H	45	48	43	48
Weig. (Kg)	0.24	0.33	0.34	0.5
Ref.	800150	800155	800165	800162

- Reduction set (for Pe side) Ref.886

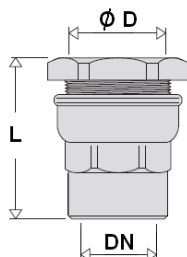


DN	25	32	40	50
DN1	20	25	32	40
Weig. (Kg)	0.05	0.09	0.16	0.27
Ref.	886022	886032	886043	886054

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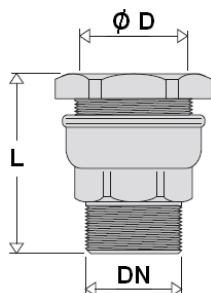
SIZE FOR COUPLING FOR CARBON STEEL PIPE (in mm) :

- **Female coupling Ref.890**



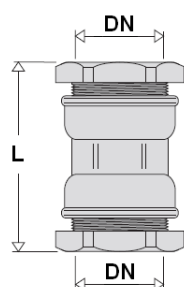
DN	1/2"	3/4"	1"
Ø D	21	27	34
L	47.5	49.5	56
Weig. (Kg)	0.13	0.18	0.3
Ref.	890421	890527	890634

- **Male coupling Ref.891**



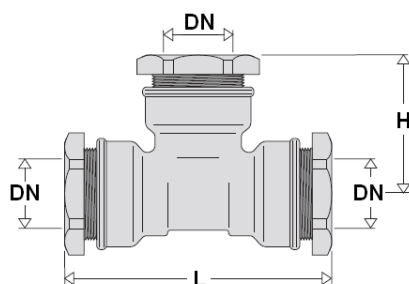
Ø D	21	27	34
DN	1/2"	3/4"	1"
L	46	49	55
Weig. (Kg)	0.12	0.16	0.29
Ref.	891421	891527	891634

- **Double connection coupling Ref.893**



DN	21	27	34
L	66.5	68.5	76.5
Weig. (Kg)	0.2	0.28	0.47
Ref.	893021	893027	893034

- **T coupling Ref.894**



DN	21	27	34
L	87	93	108
H	46	49	56.5
Weig. (Kg)	0.32	0.45	0.79
Ref.	894021	894027	894034

DECA BRASS FITTINGS FOR PE PIPES POLYETHYLENE PIPING SYSTEM**STANDARDS :**

- Manufacturer certified ISO 9001 : 2015 and ISO 14001 : 2015
- Designing according to DIN 8076-1
- Tests for internal pressure according to ISO 3458
- Tests for internal depressure and specifications according to ISO 3459
- Test for internal pressure with coupling under curve ISO 3503
- Tests for peel strength according to ISO 3501
- Directive 2014/68/EU : Products excluded from directive (Article 1, § 2b)
- French water agreement **A.C.S. N° 21 ACC LY 547 from DN 20 to 63**
- French water agreement **A.C.S. N° 23 ACC LY 671 from DN 75 to 90**
- Swiss certification **SVGW**
- German certification **DVGW**
- Threaded female BSP cylindrical ends according to EN 10226-1 Rp for Ref. 860 (excepted Ø21, 27 and 34), 875, 868 and 869
- Threaded BSP cylindrical ends according to ISO 228-1 for Ref. 860 (Ø21, 27 and 34), 861 (Ø21, 27 and 34), 865, 871, 876, 890 et 891
- Threaded male BSP conical ends according to EN 10226-1 R for Ref. 861 (excepted Ø21, 27 and 34), 862 and 867

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.