

BRASS COUPLING DECA FOR EXTERNAL TIGHTENING



ISO 9001 : 2015



Size : DN 20 to DN 90
Ends : Female, Male and for polyethylene pipe
Min Temperature : +4°C
Max Temperature : + 40°C
Max Pressure : 16 Bars up to DN63 (10 bars over)
Specifications : Brass coupling for Polyethylene pipe
 NBR gasket
 Installation on pipe without dismantling coupling

Materials : Brass CW617N

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

BRASS COUPLING DECA FOR EXTERNAL TIGHTENING

SPECIFICATIONS :

- Brass coupling for external tightening
- NBR gasket
- Installation on pipe without dismantling the coupling
- 10 years manufacture 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 DN 1/2"-D.20 to DN 3"-D.90
- Male coupling **Ref.861** from DN 1/2"-D.20 to DN 3"-D.90
- Reduced male coupling **Ref.862** from DN 3/8"-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 1/2"
- L double connection coupling **Ref.866** from DN 20 to DN 75
- L male coupling **Ref.867** from DN 1/2"-D.20 to DN 2 1/2"-D.75
- L female coupling **Ref.868** from DN1/2"-D.20 to 2"-D.63
- L female brass coupling with wall fixation **Ref.869** from DN 1/2"-D.20 to DN 3/4"-D.25
- Long double connection coupling **Ref.870** from D.25 to D.50
- Reduced female coupling **Ref.875** from DN 1/2"-D.25 to DN 1"-D.40
- Free nut coupling **Ref.876** from DN 3/4"-D.20 to DN 1"-D.32
- Free nut L coupling **Ref.800** from DN 3/4"-D.20 to DN 1"-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



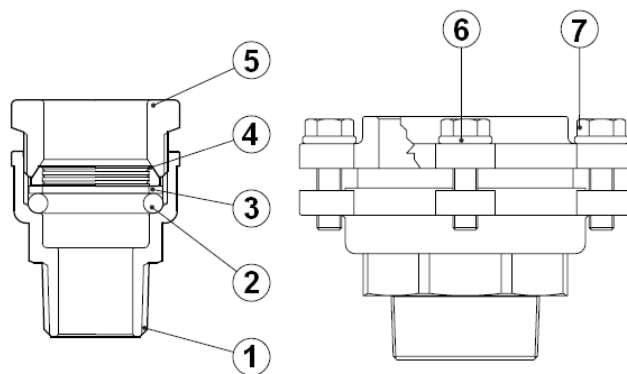
BRASS COUPLING DECA FOR EXTERNAL TIGHTENING

MATERIALS FOR DN 20 TO DN 63 :



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

MATERIALS FOR DN 75 TO DN 90 :

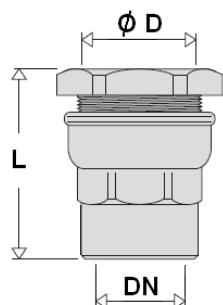


Item	Designation	Materials Ref.800 to 886
1	Coupling	Brass CW617N according to EN 12165
2	O ring	NBR 70 Shore
3	Tightening ring	Brass CW614N according to EN 12164
4	Ring	Brass CW614N according to EN 12164
5	Nut	Brass CW617N according to EN 12165
6	Washer	SS 304
7	Screw	SS 304

BRASS COUPLING DECA FOR EXTERNAL TIGHTENING

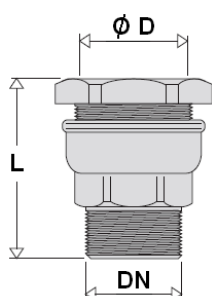
SIZE (in mm) :

- Female coupling Ref.860



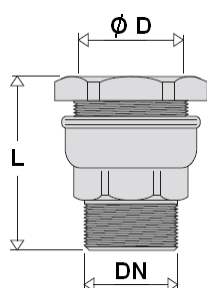
Ref.	Ø D	20	21	25	27	25	32	34	40	50	63	75	90
860	DN	1/2"	1/2"	3/4"	3/4"	1"	1"	1"	1"1/4	1"1/2	2"	2"1/2	3"
	L	47.5	47.5	49.5	49.5	56	56	56	64.5	66.5	74.5	100	111.5
	Weig. (Kg)	0.135	0.128	0.169	0.174	0.230	0.254	0.297	0.416	0.573	0.971	1.58	2.31

- Male coupling Ref.861



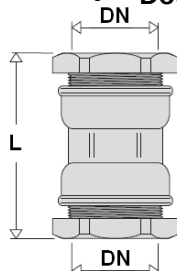
Ref.	Ø D	20	21	25	27	25	32	34	40	50	63	75	90
861	DN	1/2"	1/2"	3/4"	3/4"	1"	1"	1"	1"1/4	1"1/2	2"	2"1/2	3"
	L	50.5	46	53	49	59.5	59.5	55	69	72.5	79.5	105	115
	Weig. (Kg)	0.138	0.119	0.179	0.161	0.217	0.271	0.291	0.447	0.600	1.02	1.6	2.27

- Reduced male coupling Ref.862



Ref.	Ø D	20	25	32	40	50	63
862	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)	0.121	0.173	0.247	0.423	0.591	0.967

- Double connection coupling Ref.863

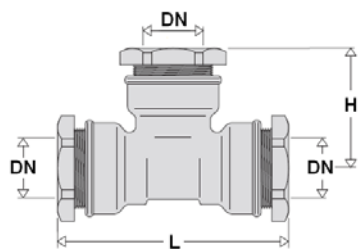


Ref.	DN	20	21	25	27	32	34	40	50	63	75	90
863	L	66.5	66.5	68.5	68.5	76.5	76.5	89	95	101.5	150	170
	Weig. (Kg)	0.213	0.199	0.274	0.274	0.403	0.478	0.670	0.941	1.598	2.68	3.9

BRASS COUPLING DECA FOR EXTERNAL TIGHTENING

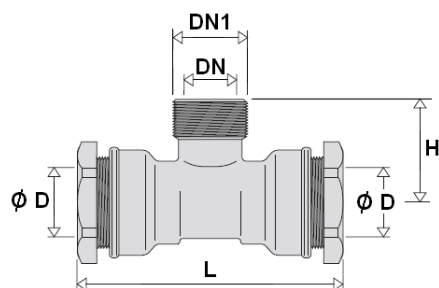
SIZE (in mm) :

- T coupling Ref.864



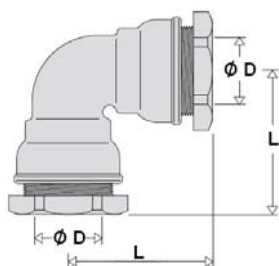
Ref.	DN	20	21	25	27	32	40	50	63	75	90
864	L	87	87	93	93	108	129	145	155	194	228
	H	46	46	49	49	56.5	66.5	75	84	170	200
	Weig. (Kg)	0.344	0.316	0.439	0.462	0.659	1.076	1.567	2.731	5.170	6.643

- T male/female coupling Ref.865



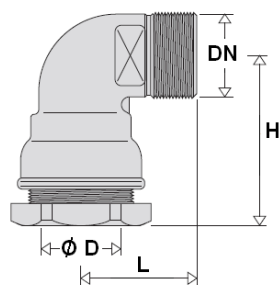
Ref.	Ø D	20	25	32	40	50	63	75	90
865	DN	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2
	DN1	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"
	L	87	93	108	129	145	155	190	226
	H	31.5	37	41	49	56	68	90	100
	Weig. (Kg)	0.268	0.341	0.513	0.852	1.173	2.075	3.513	4.39

- L double connection coupling Ref.866



Ref.	Ø D	20	25	32	40	50	63	75
866	L	48.5	53.5	60.5	73.5	80.5	91.5	112
	Weig. (Kg)	0.248	0.331	0.496	0.821	1.154	1.991	3.383

- L male coupling Ref.867

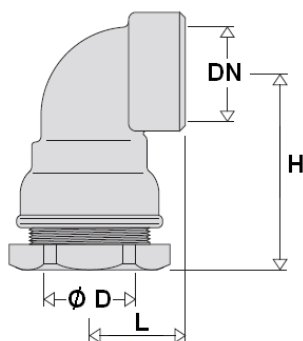


Ref.	DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2
867	Ø D	20	25	32	40	50	63	75
	L	30.5	37.5	43	51.5	57	69.5	90
	H	37	42	48	58	64	74	117
	Weig. (Kg)	0.177	0.246	0.365	0.545	0.805	1.377	2.39

BRASS COUPLING DECA FOR EXTERNAL TIGHTENING

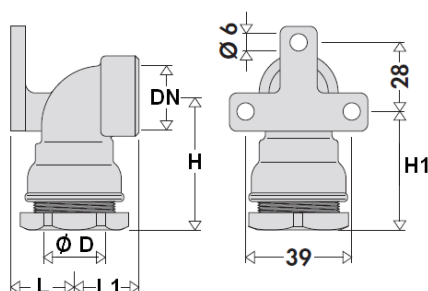
SIZE (in mm) :

- L female coupling Ref.868



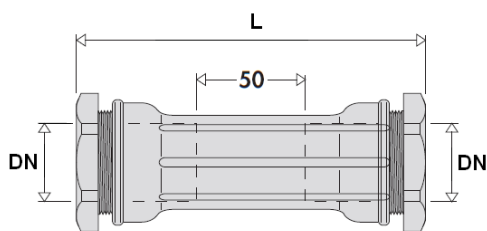
Ref.	DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"
868	Ø D	20	25	32	40	50	63
	L	26.5	28	32	38	42.5	67
	H	48.5	53.5	60.5	73.5	80.5	91.5
	Weig. (Kg)	0.172	0.233	0.338	0.539	0.746	1.44

- L female coupling with wall connection Ref.869



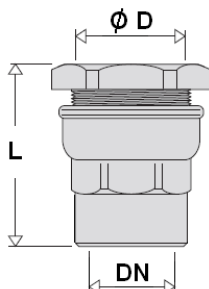
Ref.	Ø D	20	25	25
869	DN	1/2"	1/2"	3/4"
	L	20	25	25
	L1	25	26	26
	H	48.5	53.5	53.5
	H1	41.5	46.5	46.5
	Weig. (Kg)	0.221	0.314	0.283

- Long double connection coupling Ref.870



Ref.	DN	25	32	40	50
870	L	125	127	138	143
	Weig. (Kg)	0.367	0.524	0.805	1.098

- Reduced female coupling Ref.875

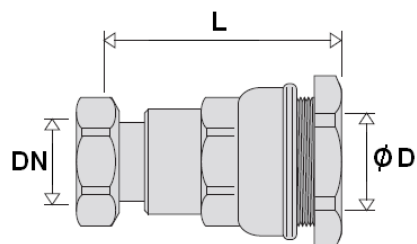


Ref.	DN	1/2"	3/4"	1"
875	Ø D	25	32	40
	L	49	55	66
	Weig. (Kg)	0.184	0.269	0.456

BRASS COUPLING DECA FOR EXTERNAL TIGHTENING

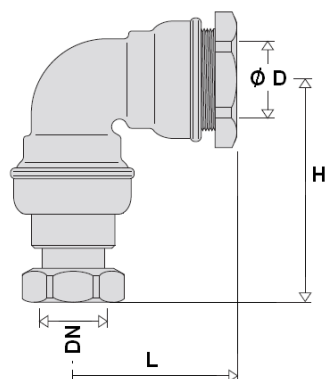
SIZE (in mm) :

- Free nut coupling Ref.876



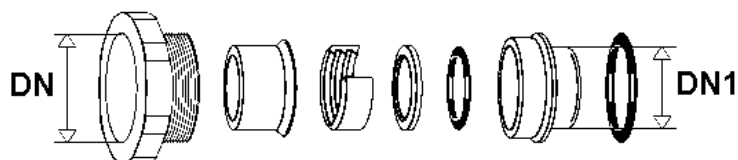
Ref.	DN	3/4"	3/4"	1"	1"
876	Ø D	20	25	25	32
	L	59.5	61	64.5	70
	Weig. (Kg)	0.206	0.255	0.287	0.388

- Free nut L coupling Ref.800



Ref.	Ø D	20	25	25	32
800	DN	3/4"	3/4"	1"	1"
	L	50	52	52	58
	H	45	48	43	48
	Weig. (Kg)	0.244	0.33	0.342	0.492

- Reduction set (for Pe side) Ref.886

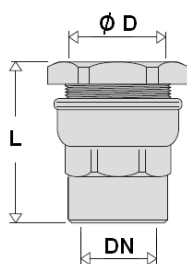


Ref.	DN	25	32	40	50
886	DN1	20	25	32	40
	Weig. (Kg)	0.048	0.090	0.164	0.266

BRASS COUPLING DECA FOR EXTERNAL TIGHTENING

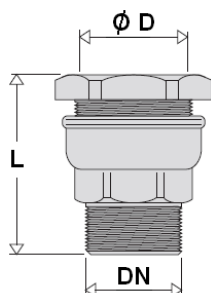
SIZE FOR COUPLING FOR CARBON STEEL PIPE (in mm) :

- Female coupling Ref.890



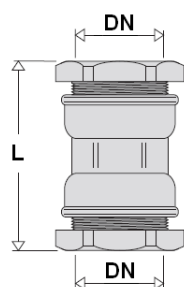
Ref.	DN	1/2"	3/4"	1"
890	Ø D	21	27	34
	L	47.5	49.5	56
	Weig. (Kg)	0.129	0.178	0.298

- Male coupling Ref.891



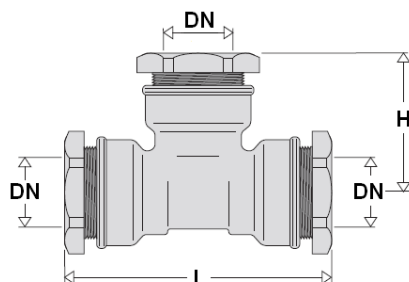
Ref.	Ø D	21	27	34
891	DN	1/2"	3/4"	1"
	L	46	49	55
	Weig. (Kg)	0.120	0.164	0.293

- Double connection coupling Ref.893



Ref.	DN	21	27	34
893	L	66.5	68.5	76.5
	Weig. (Kg)	0.2	0.277	0.472

- T coupling Ref.894



Ref.	DN	21	27	34
894	L	87	93	108
	H	46	49	56.5
	Weig. (Kg)	0.317	0.451	0.791

BRASS COUPLING DECA FOR EXTERNAL TIGHTENING

STANDARDS :

- Fabrication according to 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° 16 ACC LY 430 for DN 20 à 63**
- French water agreement **A.C.S. N° 18 ACC LY 835 for DN 75 à 90**
- Swiss certification **SVGW** N° 8905-K131
- German certification **DVGW** N° NW-7511BN0146
- 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.

INSTALLATION INSTRUCTIONS :

