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Quality Assurance

CONDOR manufactures its accessories under the EN-545 standard and its production process is certified under the UNE EN ISO 9001:2008 standard by a reputable, independent body.

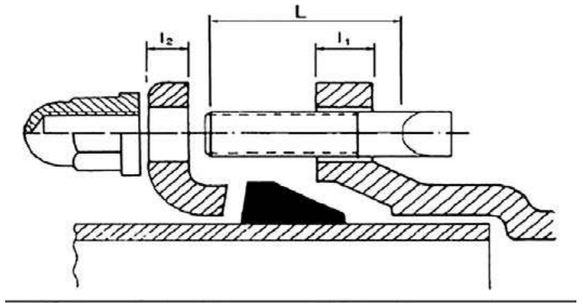
Connection Systems

MECHANICAL JOINT FITTINGS

The mechanical joint fittings enables ductile iron piping to be closed and watertight by compressing the rubber using a counter flange held in place by bolts against the accessory's plug and the flat end of the pipe.

Mechanical joint fittings are a connection system which is highly versatile as it makes watertightness possible at high pressures, allows expansion and small deviations in the piping and allows the material to be reused easily.

Manual fixing of the counter flange and the rubber makes assembly much easier as bevelling the recently cut pipe is not necessary, although it is recommended.



Assembly only needs the plug and flat end to be cleaned well, the counter flange and gasket to be placed on the flat end, the flat end to be placed in the plug and the rubber and counter flange slipped on and the bolts tightened, first by hand and then with a wrench, preferably a torque wrench.

Tightening should be progressive and directly onto the screw tightening. Once the hydraulic test has been carried out, it is recommended that the tightness of the pins be checked.

The maximum admissible angular deviations comply with the provisions of section 5.2 of the EN 545 standard, and are as follows:

60	2	20	80	4° 30'
80	3	20	80	4° 30'
100	3	20	80	4° 30'
125	3	20	80	4° 30'
150	4	20	80	4° 30'
200	5	20	80	4° 30'
250	6	20	90	4° 30'
300	7	20	90	4° 30'
350	8	20	90	4° 30'
400	8	20	90	4° 30'
450	8	20	105	4° 30'
500	10	20	105	4° 30'
600	12	20	140	4° 30'
700	16	24	140	3° 30'
800	18	24	140	3° 30'
900	20	30	150	3° 30'
1000	20	30	150	3° 30'

· Angular Deviation [degrees]
· The tightening torque for our M20 bolts is approximately 110Nm, for M24 is 166Nm and for M30 is 210Nm.
· The mechanical joint fittings are designed in line with the Dimension specifications in the **EN 545** standard. The wall thickness in all accessories is as specified in that standard.
· The plug is designed and tested for **working pressures up to 25 bar, from DN 60 to DN 1000.**

To ensure system stability, the fittings must be secured against movement using appropriate anchors. The joints must remain accessible for inspection and maintenance.

LOOSE FLANGE FITTINGS

Loose flange fittings have wide applications in channelling fluids, particularly in water treatment stations, pumping stations and collection boxes, etc.

It is a connection that is generally used for connecting valves, water pumps and meters, etc, both in the water supply sector and in the industrial sector [chemical and oil products and energy, etc].

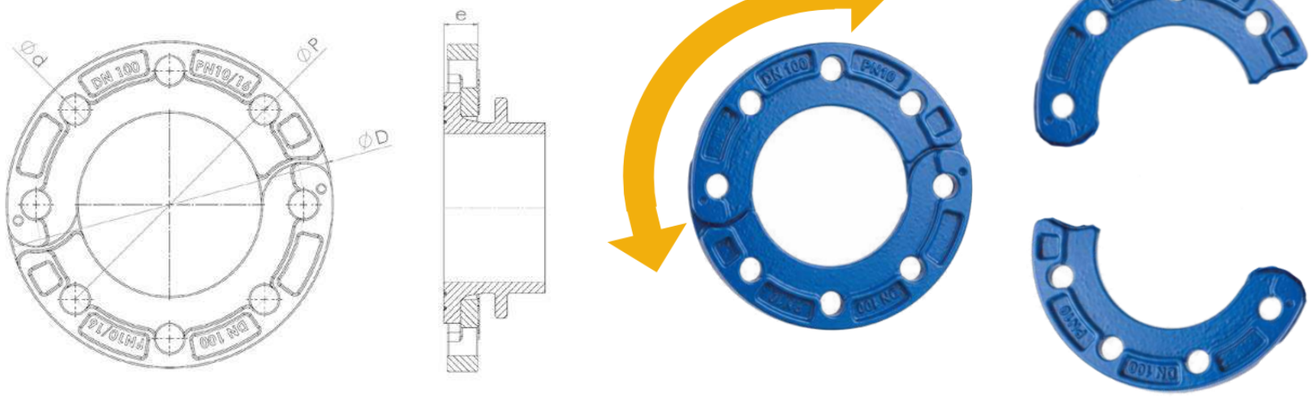
CONDOR offers a wide range of accessories to complete any type of supply, from DN50 to DN1000, at pressures of 10, 16 and 25 bar. All accessories have a loose flange to make them easier to assemble.

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Loose Flange

Dimension under the standard UNE-EN 1092-2
Loose Flange since DN 50- DN 800



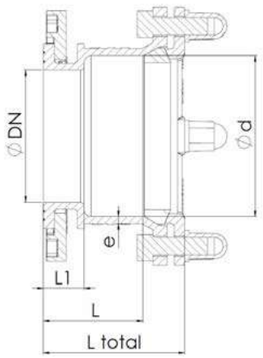
DN	FLANGE PN10						FLANGE PN16						FLANGE PN25					
	ØD	ØP	Ød	e	BOLT		ØD	ØP	Ød	e	BOLT		ØD	ØP	Ød	e	BOLT	
					N°	M					N°	M					N°	M
50	165	125	19	22	4	16	165	125	19	22	4	16	165	125	19	22	4	16
60/65	185	145	19	22	4	16	185	145	19	22	4	16	185	145	19	22	8	16
80	200	160	19	22	8	16	200	160	19	22	8	16	200	160	19	22	8	16
100	220	180	19	23	8	16	220	180	19	23	8	16	235	190	23	23	8	20
125	250	210	19	24,5	8	16	250	210	23	24,5	8	16	270	220	28	24,5	8	24
150	285	240	23	26	8	20	285	240	23	26	8	20	300	250	28	26	8	24
200	340	295	23	29	8	20	340	295	23	29	12	20	360	310	28	29	12	24
250	400	350	23	32	12	20	400	355	28	32	12	24	425	370	31	32	12	27
300	455	400	23	36	12	20	470	410	28	36	12	24	485	430	31	36	16	27
350	505	460	23	39	16	20	520	470	28	39	16	24	555	490	34	39	16	30
400	565	515	28	42	16	24	580	525	31	42	16	27	620	550	37	42	16	33
450	615	565	28	45	20	24	640	585	31	45	20	27	670	600	37	45	20	33
500	670	620	28	48	20	24	715	650	34	48	20	30	730	660	37	48	20	33
600	780	725	31	55	20	27	840	770	37	55	20	33	845	770	41	55	20	36
700	895	840	31	-	24	27	910	840	37	-	24	33	960	875	44	-	24	39
800	1015	950	34	-	24	30	1025	950	41	-	24	36	1085	990	50	-	24	45

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Mechanical Joint Fittings





FLANGE SOCKET

Dimension under the standard EN-545
Working pressure: PN10, PN16 and PN25

CODE	DN	e	L	L1	WEIGHT (kg)		
					PN10	PN16	PN25
04110080	80	7,0	135,5	39,5	8,6	8,6	9,1
04110100	100	7,2	144,0	39,5	10,3	10,3	11,1
04110125	125	7,5	148,5	40,5	13,0	13,0	14,0
04110150	150	7,8	160,5	46,3	16,1	16,1	20,1
04110200	200	8,4	164,0	50,4	22,1	22,1	26,5
04110250	250	9,0	169,5	52,5	31,1	31,1	38,9
04110300	300	9,6	183,5	59,1	40,2	40,2	48,2
04110350	350	10,2	139,0	66,0	48,0	50,0	56,0
04110400	400	10,8	144,0	68,0	55,0	59,0	66,7
04110450	450	11,4	157,0	74,0	67,1	73,6	80,3
04110500	500	12,0	238,5	77,5	93,0	103,9	119,5
04110600	600	13,2	250,5	81,7	106,2	142,0	163,3
04110700	700	14,4	184,0	89,0	153,0	171,0	180,0
04110800	800	15,6	200,0	95,0	205,0	228,0	235,0
04110900	900	16,8	210,0	90,0	257,0	281,0	341,0
04111000	1000	18,0	220,0	80,0	293,0	324,0	458,0

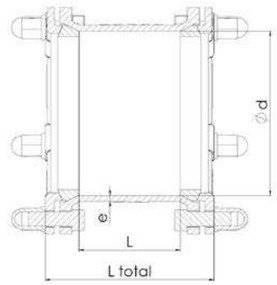


DISMANTLING JOINT

Dimension under the standard EN-545
Working pressure: PN10, PN16 and PN25

CODE	DN	e	A	L total	L1	WEIGHT (kg)		
						PN10	PN16	PN25
04100008	80	7,0	120	185,5	39,5	9,7	9,7	10,1
04100010	100	7,2	120	198,5	39,5	11,5	11,5	12,4
04100012	125	7,5	120	198,5	40,5	14,5	14,5	15,3
04100015	150	7,8	140	228,5	45,3	18,4	18,4	19,3
04100020	200	8,4	160	249,5	49,0	26,1	26,1	28,4
04100025	250	9,0	180	271,5	52,5	38,9	38,9	40,0
04100030	300	9,6	200	296,5	59,1	49,7	49,7	53,0
04100035	350	10,2	210	289,0	66,0	61,8	63,9	69,9
04100040	400	10,8	220	301,0	68,0	72,7	76,8	84,5
04100045	450	11,4	245	333,0	74,0	90,0	96,6	103,0
04100050	500	12,0	270	363,0	78,0	110,7	123,7	130,0
04100060	600	13,2	285	383,0	85,0	146,9	174,2	175,0

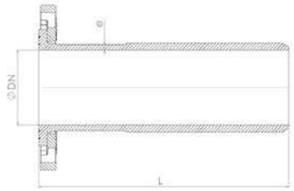




Dimension under the standard EN-545
Working pressure: Up to 25bar

CODE	DN	e	L	L1	WEIGHT (kg)
04150080	80	7,0	230	135	10,8
04150100	100	7,2	230	135	13,1
04150125	125	7,5	235	140	15,1
04150150	150	7,8	235	140	17,8
04150200	200	8,4	241	145	23,9
04150250	250	9,0	248	150	33,0
04150300	300	9,6	253	155	39,9
04150350	350	10,2	383	185	42,6
04150400	400	10,8	435	190	49,4
04150450	450	11,4	487	195	61,9
04150500	500	12,0	538	200	74,2
04150600	600	13,2	642	210	98,8
04150700	700	14,4	745	220	153,0
04150800	800	15,6	849	230	187,4
04150900	900	16,8	952	240	319,0
04151000	1000	18,0	1056	250	349,0





FLANGE SPIGOT

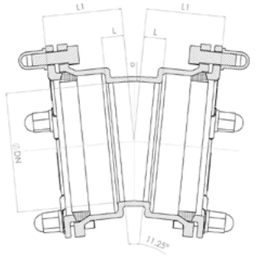
Dimension under the standard EN 545
Working pressure; PN10, PN16 and PN25

CODE	DN	e	L	PN10	PN16	PN25
04060065	65	7,0	320	6,4	6,4	6,1
04060080	80	7,0	325	8,4	8,4	9,2
04060100	100	7,2	335	10,5	10,5	12,7
04060125	125	7,5	345	13,8	13,8	16,0
04060150	150	7,8	355	18,1	18,1	19,9
04060200	200	8,4	375	26,4	26,4	32,1
04060250	250	9,0	395	38,0	38,0	44,8
04060300	300	9,6	415	50,4	50,4	56,2
04060350	350	10,2	460	42,8	42,8	74,7
04060400	400	10,8	480	55,1	55,1	93,2
04060450	450	11,4	500	67,0	67,0	104,9
04060500	500	12,0	520	101,0	117,0	131,0
04060600	600	13,2	560	143,0	171,0	166,0
04060700	700	14,4	600	193,0	209,0	228,0
04060800	800	15,6	600	239,0	259,0	294,0
04060900	900	16,8	600	288,0	312,0	356,0
04060010	1000	18,0	600	347,0	391,0	447,0

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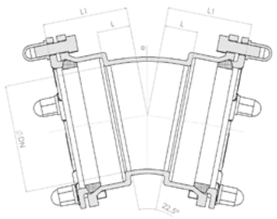




Dimension under the standard EN-545
Working pressure; PN10, PN16 and PN25

CODE	DN	e	L	Weight (kg)
04180080	80	7,0	29,5	11,4
04180100	100	7,2	29,7	13,2
04180125	125	7,5	34,5	16,2
04180150	150	7,8	33,8	19,0
04180200	200	8,4	38,4	27,6
04180250	250	9,0	51,0	35,4
04180300	300	9,6	54,6	44,4
04180350	350	10,2	60,0	57,9
04180400	400	10,8	65,0	66,3
04180450	450	11,4	70,0	85,5
04180500	500	12,0	75,0	106,1
04180600	600	13,2	85,0	146,1
04180700	700	14,4	95,0	210,5
04180800	800	15,6	110,0	266,0
04180900	900	16,8	120,0	359,0
07181000	1000	18,0	130,0	476,0



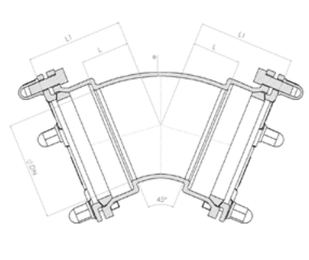


DOUBLE SOCKET BEND 22° 30’

Dimension under the standard EN-545
Working pressure; PN10, PN16 and PN25

CODE	DN	e	L	Weight (kg)
04120080	80	7,0	39,5	11,3
04120100	100	7,2	39,5	13,5
04120125	125	7,5	49,0	16,8
04120150	150	7,8	53,8	19,8
04120200	200	8,4	63,4	29,6
04120250	250	9,0	75,0	42,9
04120300	300	9,6	84,6	53,8
04120350	350	10,2	95,0	63,8
04120400	400	10,8	110,0	75,5
04120450	450	11,4	120,0	98,0
04120500	500	12,0	130,0	121,6
04120600	600	13,2	150,0	172,0
04120700	700	14,4	175,0	251,0
04120800	800	15,6	195,0	323,0
04120900	900	16,8	220,0	417,0
04121000	1000	18,0	240,0	550,0

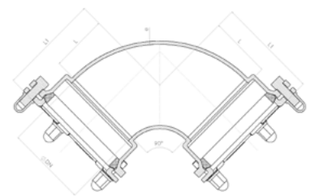




Dimension under the standard EN-545
Working pressure; PN10, PN16 and PN25

CODE	DN	e	L	Weight (kg)
04130080	80	7,0	54,0	11,6
04130100	100	7,2	64,2	14,3
04130125	125	7,5	73,5	17,8
04130150	150	7,8	83,3	21,3
04130200	200	8,4	107,4	32,0
04130250	250	9,0	129,0	48,1
04130300	300	9,6	148,6	61,7
04130350	350	10,2	175,0	74,8
04130400	400	10,8	195,0	89,4
04130450	450	11,4	220,0	117,0
04130500	500	12,0	240,0	147,0
04130600	600	13,2	285,0	212,0
04130700	700	14,4	330,0	309,0
04130800	800	15,6	370,0	400,0
04130900	900	16,8	415,0	539,0
04131000	1000	18,0	460,0	710,0





DOUBLE SOCKET BEND 90°

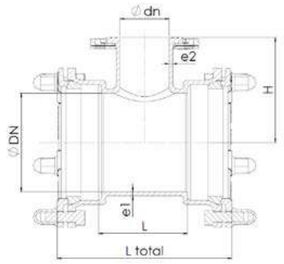
Dimension under the standard EN-545
Working pressure; PN10, PN16 and PN25

CODE	DN	e	L	Weight (kg)
04140080	80	7,0	94,0	12,3
04140100	100	7,2	113,2	16,3
04140125	125	7,5	126,5	17,8
04140150	150	7,8	141,8	23,4
04140200	200	8,4	211,4	37,3
04140250	250	9,0	255,0	56,6
04140300	300	9,6	295,6	74,4
04140350	350	10,2	368,0	91,4
04140400	400	10,8	415,0	113,0
04140450	450	11,4	461,0	147,0
04140500	500	12,0	508,0	186,0
04140600	600	13,2	600,0	271,0
04140700	700	14,4	693,0	396,0
04140800	800	15,6	781,0	523,0
04140900	900	16,8	835,0	778,0
04141000	1000	18,0	920,0	986,0

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Dimension under the standard EN-545
Working pressur: PN10, PN16 and PN25

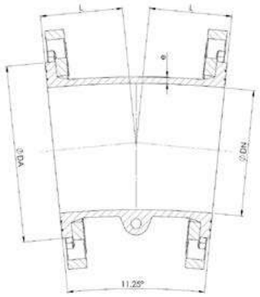
CODE	DN	dn	e1	e2	H	L	Weight (kg)		
							PN10	PN16	PN25
04160806	80	60	7,0	7,0	138,5	148	13,2	13,2	13,3
04160807		65		7,0	138,5	148	13,4	13,4	13,5
04160808		80		7,0	138,5	148	16,1	16,1	16,6
04161006	100	60	7,8	7,0	138,5	165	16,1	16,1	16,2
04161007		65		7,0	138,5	165	16,3	16,3	16,4
04161008		80		7,0	138,5	165	18,3	18,3	18,8
04161010		100		7,2	153,5	165	19,9	19,9	21,4
04161206	125	60	10,2	7,0	163,5	150	18,3	18,3	18,8
04161208		80		7,0	163,5	150	21,4	21,4	21,9
04161210		100		7,2	168,5	170	22,8	22,8	23,6
04161212		125		7,5	183,5	200	25,3	25,3	26,2
04161506	150	60	7,8	7,0	178,5	150	21,6	21,6	21,7
04161507		65		7,0	178,5	150	21,8	21,8	21,9
04161508		80		7,0	178,5	150	25,0	25,0	25,4
04161510		100		7,2	183,5	175	27,1	27,1	27,6
04161512		125		7,5	183,5	230	26,8	26,8	27,5
04161515		150		7,8	193,5	290	32,3	32,3	32,5
04162006	200	60	8,4	7,0	208,5	150	28,9	28,9	29,0
04162007		65		7,0	208,5	150	29,1	29,1	29,2
04162008		80		7,0	208,5	150	34,0	34,0	34,4
04162010		100		7,2	213,5	175	35,1	35,1	35,6
04162015		150		7,8	225,0	230	41,5	41,5	42,3
04162020		200		8,4	233,5	290	47,9	47,9	50,1
04162508	250	80	9,0	7,0	238,5	155	43,9	43,9	44,3
04162510		100		7,2	243,5	175	45,6	45,6	46,1
04162515		150		7,8	253,5	235	52,7	52,7	53,5
04162520		200		8,4	263,5	290	59,2	59,2	61,4
04162525		250		9,0	273,5	350	69,1	69,1	72,4
04163008	300	80	9,6	7,0	268,5	155	52,1	52,1	52,5
04163010		100		7,2	273,5	185	54,7	54,7	55,2
04163015		150		7,8	283,5	235	61,7	61,7	62,5
04163020		200		8,4	293,5	295	69,3	69,3	71,5
04163025		250		9,0	303,5	380	80,9	80,9	84,2
04163030		300		9,6	313,5	410	88,9	88,9	92,9
04163508	350	80	10,2	7,0	325	185	67,2	67,2	67,9
04163510		100		7,2	330	205	69,7	69,7	70,8
04163515		150		7,8	340	270	78,6	78,6	80,2
04163520		200		8,4	350	325	86,9	86,5	89,4
04163525		250		9,0	360	385	96,1	96,5	100,0
04163535		350		10,2	380	495	117,3	119,4	125,4
04164008	400	80	10,8	7,0	355	185	75,8	75,8	76,3
04164010		100		7,2	360	210	79,2	79,2	80,3
04164015		150		7,8	370	270	88,7	88,7	90,3
04164020		200		8,4	380	325	98,0	97,5	100,4
04164025		250		9,0	390	385	108,4	108,8	112,3
04164030		300		9,6	400	440	119,3	120,5	124,3
04164040		400		10,8	420	560	143,3	147,4	155,0
04164510	450	100	11,4	7,2	390	215	99,0	99,0	100,1
04164515		150		7,8	400	270	108,0	108,0	109,7
04164520		200		8,4	410	330	118,7	118,2	121,1
04164525		250		9,0	420	390	129,8	130,2	133,7
04164530		300		9,6	430	445	141,3	142,5	146,3
04164540		400		10,8	450	560	168,7	172,8	180,5
04164545		450		11,4	460	620	182,2	188,7	195,4
04165010	500	100	12,0	7,2	420	215	119,9	119,9	121,0
04165015		150		7,8	430	275	131,7	131,7	133,3
04165020		200		8,4	440	330	143,0	142,6	145,5
04165025		250		9,0	450	390	155,7	156,1	159,6
04165030		300		9,6	460	450	169,3	170,5	174,3
04165040		400		10,8	480	565	198,0	202,1	209,8
04165045		450		11,4	490	580	202,5	209,0	215,7
04165050		500		12,0	500	680	229,2	242,2	248,5
04166010	600	100	13,2	7,2	480	220	159,8	159,8	160,9
04166015		150		7,8	490	280	174,4	174,4	176,0
04166020		200		8,4	500	340	189,1	188,6	191,5
04166025		250		9,0	510	395	203,3	203,7	207,2
04166030		300		9,6	520	455	219,4	220,6	224,4
04166040		400		10,8	540	570	252,4	256,5	264,2
04166060		600		13,2	580	800	326,6	353,8	265,9
04167010	700	100	14,4	7,2	520,0	345,0	306,0	306,0	307,5
04167015		150		7,8	520,0	345,0	309,0	309,0	311,0
04167020		200		8,4	525,0	345,0	320,3	321,0	323,5
04167025		250		9,0	535,0	365,0	323,5	325,0	329,5
04167030		300		9,6	540,0	460,0	296,8	298,0	301,8
04167040		400		10,8	555,0	575,0	398,2	402,0	410,0
04167050		500		12,0	575,0	730,0	347,0	360,0	366,3
04167060		600		13,2	585,0	915,0	517,0	542,0	551,0
04167070		700		14,4	600,0	925,0	535,3	553,0	561,5
04168015	800	150	15,6	7,8	550,0	325,0	390,0	390,0	392,0
04168020		200		8,4	560,0	350,0	395,0	396,0	398,5
04168025		250		9,0	570,0	360,0	399,7	401,0	405,5
04168040		400		10,8	615,0	580,0	499,8	496,0	503,0
04168060		600		13,2	645,0	1.020,0	664,0	689,0	698,0
04168080		800		15,6	675,0	1.045,0	701,3	724,0	731,5
04169010	900	100	16,8	7,2	630,0	240,0	365,0	365,0	366,0
04169015		150		7,8	635,0	300,0	368,0	368,0	369,0
04169020		200		8,4	645,0	355,0	371,0	371,0	373,0
04169030		300		9,0	660,0	470,0	442,0	442,0	448,0
04169040		400		9,6	675,0	590,0	484,0	488,0	499,0
04169050		500		10,8	690,0	705,0	653,0	668,0	690,0
04169060		600		12,0	705,0	820,0	745,0	769,0	783,0
04169070		700		13,2	720,0	935,0	775,0	790,0	824,0
04169080		800		14,4	735,0	1.050,0	795,0	810,0	863,0
04169090		900		16,8	750,0	1.170,0	822,0	841,0	907,0
04161100	1000	100	18,0	7,2	690,0	245,0	461,0	461,0	462,0
04161150		150		7,8	695,0	305,0	464,0	464,0	465,0
04161200		200		8,4	705,0	360,0	467,0	467,0	469,0
04161250		250		9,0	710,0	420,0	521,0	521,0	525,0
04161300		300		9,6	720,0	480,0	552,0	552,0	558,0
04161400		400		10,8	735,0	595,0	598,0	603,0	614,0
04161500		500		12,0	750,0	710,0	852,0	867,0	879,0
04161600		600		13,2	765,0	825,0	958,0	982,0	994,0
04161700		700		14,4	780,0	940,0	985,0	1.000,0	1.032,0
04161800		800		15,6	795,0	1.060,0	1.006,0	1.021,0	1.074,0
04161900		900		16,8	810,0	1.175,0	1.052,0	1.076,0	1.137,0

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Ductile iron loose flange fitting



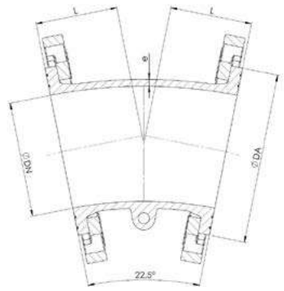


LOOSE FLANGE BEND 11° 15’

Dimension under the standard EN 545
Working pressure; PN10, PN16 and PN25

CODE	DN	e	L	DA	Weight (kg)		
					PN10	PN16	PN25
04211050	50	7,0	80	100	5,5	5,5	5,5
04211060	60/65	7,0	105	120	7,6	7,6	62,9
04211080	80	7,0	101,5	137	8,8	8,8	8,6
04211100	100	7,2	103	155	11,0	11,0	11,2
04211125	125	7,5	98,5	185	13,7	13,7	15,3
04211150	150	7,8	100	210	18,4	18,4	19,0
04211200	200	8,4	118	265	26,6	26,6	28,0
04211250	250	9,0	150	320	40,9	40,9	40,5
04211300	300	9,6	159	370	53,4	53,4	53,6
04211350	350	10,2	142	429	57,1	61,3	73,3
04211400	400	10,8	150	479	69,5	77,5	92,8
04211450	450	11,4	160	529	81,2	94,2	107,6
04211500	500	12,0	160	584	98,0	124,0	136,4
04211600	600	13,2	185	687	133,0	187,5	189,4
04211700	700	14,4	205	795	190,5	225,0	242,5
04211800	800	15,6	230	900	259,0	304,5	328,5
04211900	900	16,8	581	1125	578,0	619,0	697,0
04211010	1000	18,0	632	1255	746,0	819,0	841,0



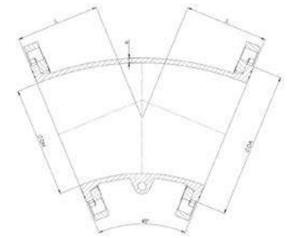


LOOSE FLANGE BEND 22° 30’

Dimension under the standard EN 545
Working pressure; PN10, PN16 and PN25

CODE	DN	e	L	DA	Weight (kg)		
					PN10	PN16	PN25
04020050	50	7,0	90	100	5,9	5,9	5,9
04020065	60/65	7,0	105	120	7,6	7,6	8,3
04020080	80	7,0	90,5	137	8,4	8,4	9,3
04020100	100	7,2	95	155	10,1	10,1	13,1
04020125	125	7,5	89,5	185	13,5	13,5	17,2
04020150	150	7,8	100	210	15,1	15,1	18,5
04020200	200	8,4	114	265	26,5	26,5	36,1
04020250	250	9,0	172	320	43,4	43,4	43,3
04020300	300	9,6	191	370	57,8	57,8	63,7
04020350	350	10,2	210	429	84,0	90,0	90,0
04020400	400	10,8	239	479	69,5	77,5	98,0
04020450	450	11,4	209	529	131,0	149,0	149,0
04020500	500	12,0	375	584	98,0	124,0	160,0
04020600	600	13,2	426	687	133,0	187,5	290,0
04020700	700	14,4	282	795	190,5	225,5	282,0
04020800	800	15,6	314	900	259,0	304,5	371,0

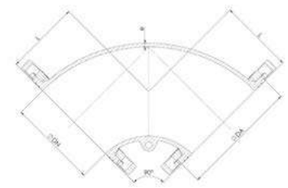




Dimension under the standard EN 545
Working pressure: PN10, PN16 and PN25

CODE	DN	e	L	DA	Weight (kg)		
					PN10	PN16	PN25
04030050	50	7,0	136	100	6,6	6,6	4,2
04030065	60/65	7,0	151	120	8,5	8,5	8,9
04030080	80	7,0	113	137	8,5	8,5	11,4
04030100	100	7,2	123	155	9,8	9,8	14,2
04030125	125	7,5	134	185	15,3	15,3	18,0
04030150	150	7,8	148	210	16,2	16,2	25,7
04030200	200	8,4	162	265	29,9	29,9	36,1
04030250	250	9,0	242	320	50,1	50,1	63,7
04030300	300	9,6	272	370	67,7	67,7	83,5
04030350	350	10,2	298	429	82,0	89,0	101,0
04030400	400	10,8	324	479	103,0	115,0	150,2
04030450	450	11,4	350	529	129,0	145,0	158,4
04030500	500	12,0	375	584	156,0	189,0	192,6
04030600	600	13,2	426	687	202,0	257,0	262,2
04030700	700	14,4	478	795	293,0	329,0	345,5
04030800	800	15,6	529	900	400,0	446,0	460,5
04030900	900	16,8	581	1125	550,0	612,0	669,0
04030010	1000	18,0	632	1255	708,0	811,0	881,0





LOOSE FLANGE BEND 90°

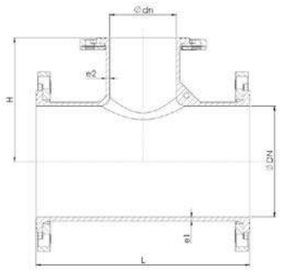
Dimension under the standard EN 545
Working pressure; PN10, PN16 and PN25

CODE	DN	e	L	DA	Weight (kg)		
					PN10	PN16	PN25
04040050	50	7,0	130,5	100	6,2	6,2	6,9
04040065	60/65	7,0	145,1	120	7,8	7,8	8,8
04040080	80	7,0	165	137	7,9	7,9	10,9
04040100	100	7,2	190,9	155	9,5	9,5	14,6
04040125	125	7,5	178,3	185	15,9	15,9	18,5
04040150	150	7,8	230	210	18,2	18,2	25,9
04040200	200	8,4	236	265	32,9	32,9	39,9
04040250	250	9,0	324,5	320	52,8	52,8	61,1
04040300	300	9,6	373	370	72,4	72,4	87,6
04040350	350	10,2	450	429	97,0	103,0	115,0
04040400	400	10,8	500	479	125,0	137,0	153,2
04040450	450	11,4	550	529	159,0	177,0	190,4
04040500	500	12,0	600	584	195,0	227,0	222,6
04040600	600	13,2	700	687	293,0	351,0	342,2
04040700	700	14,4	800	795	416,0	449,0	333,3
04040800	800	15,6	900	900	565,0	606,0	614,0
04040900	900	16,8	1000	1125	740,0	789,0	841,0
04040010	1000	18,0	1100	1255	974,0	1.049,0	1163,0

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Dimension under the standard EN 545
Working pressure; PN10, PN16 and PN25

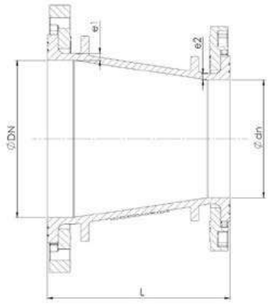
CODE	DN	dn	e1	e2	L	H	Weight (kg)		
							PN10	PN16	PN25
04075050	50	50	7,0	7,0	272	123,5	9,6	9,6	9,6
04076565	65	65	7,0	7,0	302	138,5	12,3	12,3	12,0
04078050	80	50	7,0	7,0	302	138,5	13,0	13,0	13,0
04078060		60		7,0	302	138,5	13,7	13,7	16,0
04078080		80		7,0	330	165	12,6	12,6	17,0
04071050	100	50	7,2	7,0	302	138,5	15,2	15,2	15,2
04071060		60		7,0	302	138,5	15,7	15,7	20,1
04071080		80		7,0	332	148,5	17,1	17,1	21,4
04071010		100		7,2	350	175	14,4	14,4	24,9
04071250	125	50	7,5	7,0	332	153,5	19,5	19,5	21,8
04071260		60		7,0	332	153,5	20,2	20,2	29,9
04071280		80		7,0	347	183,5	21,5	21,5	34,7
04071210		100		7,2	372	168,5	22,7	22,7	35,7
04071212		125		7,5	372	173,5	24,3	24,3	38,8
04071550	150	50	7,8	7,0	337	188,5	24,9	24,9	26,4
04071565		65		7,0	337	188,5	25,6	25,6	26,4
04071580		80		7,0	375	190	22,7	22,7	31,0
04071510		100		7,2	375	190	22,6	22,6	32,3
04071512		125		7,5	412	188,5	30,6	30,6	35,9
04071515		150		7,8	435	220	23,4	23,4	38,5
04072050	200	50	8,4	7,0	365	215	35,2	35,2	37,7
04072065		65		7,0	362	213,5	35,2	35,2	37,7
04072080		80		7,0	377	223,5	36,5	36,5	44,2
04072010		100		7,2	422	268,5	38,3	38,3	16,1
04072012		125		7,5	432	238,5	41,4	41,4	49,4
04072015		150		7,8	457	243,5	44,7	44,7	53,2
04072020		200		8,4	492	233,5	49,4	49,4	63,0
04072580	250	80	9,0	7,0	402	263,5	51,1	51,1	64,0
04072510		100		7,2	422	268,5	53,2	53,2	66,7
04072515		150		7,5	482	278,5	60,3	60,3	75,3
04072520		200		8,4	537	288,5	67,2	67,2	84,5
04072525		250		9,0	597	298,5	76,8	76,8	96,9
04073080	300	80	9,6	7,0	422	293,5	65,5	65,5	80,6
04073010		100		7,2	447	298,5	68,2	68,2	83,7
04073015		150		7,5	502	308,5	75,8	75,8	91,6
04073020		200		8,4	562	318,5	83,8	83,8	98,3
04073025		250		9,0	617	328,5	93,4	93,4	116,7
04073030		300		9,6	677	338,5	104,1	104,1	126,6
04073580	350	80	10,2	7,0	445	325	121,5	127,0	139,5
04073510		100		7,2	470	330	122,5	128,0	141,1
04073515		150		7,5	530	340	126,0	133,0	146,5
04073520		200		8,4	585	350	129,0	136,0	152,9
04073525		250		9,0	645	360	134,0	140,0	156,9
04073530		300		9,6	705	370	142,0	148,0	164,7
04073535		350		10,2	760	380	149,0	156,0	174,0
04074080	400	80	10,8	7,0	470	355	91,0	99,0	166,0
04074010		100		7,2	490	360	94,0	102,0	170,0
04074015		150		7,5	550	370	103,0	112,0	182,0
04074020		200		8,4	610	380	114,0	122,0	184,0
04074025		250		9,0	665	390	124,0	133,0	188,0
04074030		300		9,6	725	400	135,0	145,0	195,0
04074035		350		10,2	780	410	148,0	158,0	223,0
04074040		400		10,8	840	420	159,0	172,0	213,0
04074510	450	100	11,4	7,2	515	390	112,0	125,0	140,0
04074515		150		7,5	570	400	122,0	135,0	150,0
04074520		200		8,4	630	375	131,0	144,0	156,0
04074525		250		9,0	690	420	145,0	158,0	176,2

CODE	DN	dn	e1	e2	L	H	PN10	PN16	PN25
04075010	500	100	12,0	7,2	535	420	132,0	158,0	169,0
04075015		150		7,5	590	430	143,0	169,0	185,0
04075020		200		8,4	650	440	155,0	180,0	200,0
04075025		250		9,0	725	450	170,0	196,0	207,0
04075030		300		9,6	805	460	209,0	213,0	225,0
04075035		350		10,2	825	470	214,0	215,0	230,0
04075040		400		10,8	885	480	210,0	240,0	250,0
04075045		450		11,4	950	490	225,0	260,0	290,0
04075050		500		12,0	1000	500	241,0	280,0	334,0
04076008	600	80	13,2	7,0	600	480	180,0	234,0	273,0
04076010		100		7,2	600	480	181,0	236,0	409,0
04076015		150		7,8	650	480	193,0	248,0	413,0
04076020		200		8,4	700	500	206,0	260,0	418,0
04076025		250		9,0	820	500	224,0	279,0	295,2
04076030		300		9,6	815	520	237,0	293,0	440,0
04076040		400		10,8	930	540	270,0	329,0	463,0
04076060		600		13,2	1165	580	430,0	509,0	515,0
04077010	700	150	14,4	7,8	460	520	210,0	246,0	265,0
04077015		200		8,4	650	525	265,0	300,0	320,0
04077020		250		9,0	705	530	274,0	310,0	330,0
04077025		300		9,6	760	540	323,0	360,0	380,0
04077030		400		10,8	870	555	340,0	380,0	405,0
04077035		500		12,0	1200	580	395,0	444,0	513,0
04077040		600		13,2	1200	585	430,0	493,0	534,0
04077050		700		14,4	1200	600	477,0	530,0	556,0
04078020	800	200	15,6	8,4	690	585	350,0	395,0	413,0
04078025		250		9,0	890	585	354,0	400,0	418,0
04078030		300		9,6	880	600	408,0	45,0	473,0
04078040		400		10,8	910	615	445,0	495,0	517,0
04078050		500		12,0	1020	630	467,0	525,0	546,0
04078060		600		13,2	1350	645	627,0	700,0	716,0
04078070		700		14,4	1350	645	645,0	715,0	752,0
04078008		800		15,6	1350	675	662,0	730,0	850,0
04079020	900	200	16,8	8,4	730	645	427,0	466,0	598,0
04079030		300		9,6	840	660	543,0	583,0	613,0
04079040		400		10,8	950	675	5.811,0	626,0	715,0
04079050		500		12,0	1060	690	647,0	701,0	765,0
04079060		600		13,2	1500	705	887,0	951,0	969,0
04079070		700		14,4	1500	720	906,0	958,0	999,0
04079080		800		15,6	1500	735	932,0	987,0	1.045,0
04079090		900		16,8	1500	750	972,0	1.032,0	1.089,0
04071002	1000	200	18,0	8,4	770	705	528,0	601,0	775,0
04071003		300		9,6	880	720	673,0	745,0	823,0
04071004		400		10,8	990	735	713,0	790,0	910,0
04071005		500		12,0	1100	750	796,0	883,0	963,0
04071006		600		13,2	1650	765	1.075,0	1.173,0	1.253,0
04071007		700		14,4	1650	780	1.152,0	1.237,0	1.281,0
04071008		800		15,6	1650	795	1.172,0	1.260,0	1.325,0
04071001		1000		18,0	1650	825	-	1.366,0	1.441,0

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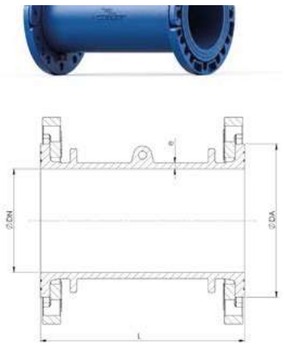
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Working pressure; PN10, PN16 and PN25

CODE	DN	dn	e1	e2	L	Weight (kg)		
						PN10	PN16	PN25
04055004	50	40	7,0	7,0	160	4,2	4,2	4,2
04056005	60	50	7,0	7,0	135	5,9	5,9	6,3
04058050	80	50	7,0	7,0	175	7,0	7,0	7,6
04058060		60		7,0	175	7,6	7,6	9,2
04051050	100	50	7,2	7,0	175	7,9	7,9	9,3
04051060		60		7,0	190	8,7	8,7	10,5
04051080		80		7,0	190	8,0	8,0	11,8
04041250	125	50	7,5	7,0	190	9,7	9,7	10,7
04051260		60		7,0	190	10,4	10,4	11,8
04051280		80		7,0	190	11,0	11,0	12,7
04051210		100		7,2	190	11,9	11,9	14,3
04051550	150	50	7,8	7,0	190	11,7	11,7	12,6
04051565		65		7,0	190	12,4	12,4	12,6
04051580		80		7,0	190	12,4	12,4	14,8
04051510		100		7,2	190	11,0	11,0	16,5
04051512		125		7,5	235	16,6	16,6	18,0
04052080	200	80	8,4	7,0	235	17,6	17,6	23,2
04052010		100		7,2	235	18,6	18,6	24,7
04052012		125		7,2	235	20,3	20,3	25,3
04052015		150		7,8	235	22,7	22,7	29,7
04052580	250	80	9,0	7,0	235	23,1	23,1	31,6
04052510		100		7,2	250	24,6	24,6	32,7
04052512		125		7,5	250	26,4	26,4	36,5
04052515		150		7,8	250	28,6	28,6	39,9
04052520		200		8,4	250	32,4	32,4	43,3
04053080	300	80	9,6	7,0	265	28,2	28,4	40,4
04053010		100		7,2	265	30,3	30,3	41,6
04053012		125		7,5	265	32,1	32,1	42,6
04053015		150		7,8	265	34,4	34,4	44,4
04053020		200		8,4	265	38,4	38,4	51,9
04053025		250		9,0	265	44,0	44,0	56,5
04053520	350	200	10,2	8,4	290	49,9	52,5	62,1
04053525		250		9,0	290	55,0	58,5	69,4
04053530		300		9,6	290	57,0	59,5	70,2
04054020	400	200	10,8	8,4	305	55,0	59,5	70,8
04054025		250		9,0	305	59,0	64,0	76,6
04054030		300		9,6	305	64,0	68,5	80,9
04054035		350		10,2	305	69,0	76,0	89,7
04054520	450	200	11,4	8,4	300	73,0	81,0	91,3
04054525		250		9,0	300	82,0	90,5	101,0
04054530		300		9,6	300	89,0	96,5	107,9
04054535		350		10,2	300	96,0	107,0	119,7
04054540		400		10,8	300	98,0	110,5	124,9
04055030	500	300	12,0	9,6	600	103,0	116,5	127,5
04055040		400		10,8	600	140,0	158,0	172,0
04055045		450		11,4	600	102,0	123,0	136,0
04056040	600	400	13,2	10,8	600	138,0	169,0	214,8
04056045		450		11,4	600	146,0	180,0	218,1
04056050		500		12,0	600	155,0	196,0	223,4
04057050	700	500	14,4	12,0	600	198,0	257,0	262,0
04057060		600		13,2	600	206,0	260,5	288,0
04058005	800	500	15,6	12,0	600	239,0	275,0	347,0
04058006		600		13,2	600	258,0	297,0	340,0
04058007		700		14,4	600	278,0	308,0	374,0
04059050	900	500	16,8	12,0	1000	358,0	392,0	470,0
04059060		600		13,2	800	237,0	381,0	462,0
04059070		700		14,4	700	340,0	373,0	446,0
04059080		800		15,6	600	326,0	373,0	468,0
04051006	1000	600	18,0	13,2	1000	447,0	519,0	574,0
04051007		700		14,4	800	419,0	468,0	556,0



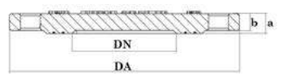
Working pressure; PN10, PN16 and PN25

CODE	DN	e	L	DA	Weight (kg)		
					PN10	PN16	PN25
04017080	80	7,0	100	137	6,5	6,5	7,5
04017080			150	137	7,2	7,2	8,1
04018200			200	137	8,7	8,7	9,2
04012080			250	137	9,4	9,4	10,2
04013080			300	137	10,1	10,1	10,5
04014080			400	137	10,7	10,7	11,5
04015080			500	137	12,9	12,9	13,7
04011080			1000	137	19,8	19,8	27,0
04017100	100	7,2	100	155	8,9	8,9	9,9
04010100			150	155	8,5	8,5	10,7
04018100			200	155	9,4	9,4	11,9
04012100			250	155	11,5	11,5	13,3
04013100			300	155	12,4	12,4	15,0
04014100			400	155	11,4	11,4	16,7
04015100			500	155	13,2	13,2	17,2
04016100			600	155	16,5	16,5	18,7
04011100			1000	155	24,7	24,7	32,2
0402125	125	7,5	250	185	13,8	13,8	15,2
0405125			500	185	19,5	19,5	23,4
0401125			1000	185	30,8	30,8	35,1
04010150	150	7,8	150	210	16,6	16,6	17,6
04012150			250	210	19,4	19,4	22,3
04015150			500	210	26,4	26,4	30,2
04011150			1000	210	40,5	40,5	51,2
04012200	200	8,4	250	265	27,0	27,0	30,5
04015200			500	265	37,0	37,0	40,9
04011200			1000	265	56,9	56,9	62,8
04012250	250	9,0	250	320	38,4	38,4	31,7
04015250			500	320	51,7	51,7	57,0
04011250			1000	320	78,3	78,3	102,0
04012300	300	9,6	250	370	49,0	49,0	49,9
04015300			500	370	65,9	65,9	68,8
04011300			1000	370	99,8	99,8	124,6
04015400	400	10,8	500	480	94,0	105,0	120,4
04015500	500	12,0	500	607	152,1	147,6	162,6
04015600	600	13,2	500	720	158,0	208,1	232,5
04015700	700	14,4	500	910	232,0	232,0	257,0
04015800	800	15,6	500	1025	297,0	297,0	330,0
04015900	900	16,8	500	1125	359,0	359,0	373,0
04015010	1000	18,0	500	123	393,0	393,0	413,0

BLIND FLANGE

Dimension under the standard EN 545
Working pressure; PN10 and PN16





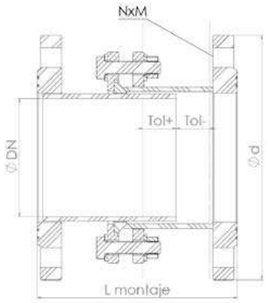
CODE	DN	DA		a		b		Weight (kg)	
		PN10	PN16	PN10	PN16	PN10	PN16	PN10	PN16
04080050	50	165	165	19,0	19,0	16,0	16,0	2,3	2,3
04080060	60	175	175	19,0	19,0	16,0	16,0	3,2	3,2
04080065	65	185	185	19,0	19,0	16,0	16,0	3,2	3,2
04080080	80	200	200	19,0	19,0	16,0	16,0	3,6	3,6
04080100	100	220	220	19,0	19,0	16,0	16,0	4,5	4,5
04080125	125	250	250	19,0	19,0	16,0	16,0	5,4	5,4
04080150	150	285	285	19,0	19,0	16,0	16,0	8,2	8,2
04080200	200	340	340	20,0	20,0	17,0	17,0	11,6	11,6
04080250	250	400	400	22,0	22,0	19,0	19,0	16,7	16,7
04080300	300	455	455	24,5	24,5	20,5	20,5	25,8	25,8
04080350	350	505	520	24,5	26,5	20,5	22,5	34,0	34,0
04080400	400	565	580	24,5	28,0	20,5	24,0	39,5	39,5
04080500	500	670	715	26,5	31,5	22,5	27,5	79,5	79,5
04080600	600	780	840	30,0	36,0	25,0	31,0	115,0	115,0
04080700	700	895	910	32,5	39,5	27,5	34,5	136,0	169,0

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Telescopic Dismantling Joint





Installation Length +/- Tol = Length and tolerance.
Ø D = External diameter of the flange.
DN = Nominal diameter of dismantling joint
Ø K = Drill center diameter.
N = Number of bolt holes.
M = Threaded rod size metric.
B = Flange thickness.

Applications

- The telescopic dismantling joint is specifically designed for use with flanged pipeline components, providing axial adjustment to facilitate the installation and dismantling of flanged equipment (such as valves).

General Features

- Compensates for axial movement to allow the installation and removal of valves or other flanged fittings.
- Compatible with flanged components manufactured in accordance with UNE-EN 545, UNE-EN 1092-1, and UNE-EN 1092-2 standards.

Coating

- Body: High-performance epoxy coating (average thickness 250 µm, RAL 5017 or equivalent).

Operating Conditions / Pressure Ratings:

- Operating temperature range: 0°C to +50°C
- Maximum temperature: +70°C for short-term applications.
- Pressure ratings: PN10, PN16, and PN25.

DESCRIPTION	MATERIAL
BODY	Welded spools in AISI 304
FLANGES	S235
GASKET	EPDM
SCREWS	A2-70 for screws

*It can be indicated on the flange as DIN 2576 for PN10 or DIN 2502 for PN16.

11001050	50	180+/-30	165	125	4	16	18	7
11001065	65	180+/-30	185	145	4	16	18	8,5
11001080	80	180+/-30	200	160	8	16	20	10,2
11001100	100	180+/-30	220	180	8	16	20	12,5
11001125	125	180+/-30	250	210	8	16	22	16
11001150	150	200+/-30	285	240	8	20	22	20

PN10

CODE	DN	Length	ØD	ØK	N	M	B	Weight
11002200	200	230+/-40	340	295	8	20	24	28,5
11002250	250	230+/-40	395	350	12	20	26	38
11002300	300	230+/-40	445	400	12	20	26	45,1
11002350	350	250+/-40	505	460	16	20	28	62,1
11002400	400	250+/-40	656	515	16	24	32	80
11002450	450	250+/-50	615	565	20	24	38	95,5
11002500	500	300+/-50	670	620	20	24	38	115,5
11002600	600	300+/-50	780	725	20	27	38	150,5
11002700	700	330+/-50	895	840	24	27	40	329
11002800	800	370+/-60	1015	950	24	30	44	454
11002900	900	370+/-60	1115	1050	28	30	48	537
11002001	1000	400+/-60	1230	1160	28	33	50	674
11002110	1100	450+/-70	1330	1270	28	36	50	810
11002120	1200	450+/-70	1455	1380	32	36	52	947
11002130	1300	450+/-70	1575	1490	32	39	52	1148
11002140	1400	500+/-75	1675	1590	36	39	52	1349
11002015	1500	500+/-75	1785	1700	36	39	52	1623
11002160	1600	500+/-75	1915	1820	40	45	54	1809
11002180	1800	600+/-80	2115	2020	44	45	54	2023
11002002	2000	600+/-80	2325	2230	48	45	58	2229

PN16

CODE	DN	Length	ØD	ØK	N	M	B	Weight
11001200	200	230+/-40	340	295	8	20	24	29,5
11001250	250	230+/-40	405	355	12	24	26	42,6
11001300	300	230+/-40	460	410	12	24	28	55,5
11001350	350	250+/-40	520	470	16	24	32	78
11001400	400	250+/-40	580	525	16	27	38	82
11001450	450	250+/-50	640	585	20	27	42	95
11001500	500	300+/-50	715	650	20	30	44	136
11001600	600	300+/-50	840	770	20	33	48	166
11001700	700	330+/-50	910	840	24	33	48	210
11001800	800	370+/-60	1025	950	24	36	48	308
11001900	900	370+/-60	1125	1050	28	36	50	350
11001001	1000	400+/-60	1255	1170	28	39	50	412
11001110	1100	450+/-70	1370	1280	28	39	50	461
11001120	1200	450+/-70	1485	1390	32	45	50	610
11001130	1300	450+/-70	1585	1490	32	45	52	675
11001140	1400	500+/-75	1685	1590	36	45	52	767
11001150	1500	500+/-75	1820	1710	36	52	58	852
11001160	1600	500+/-75	1930	1820	40	52	58	955
11001180	1800	600+/-80	2130	2020	44	52	62	1132
11001002	2000	600+/-80	2345	2230	48	56	66	1373

PN25

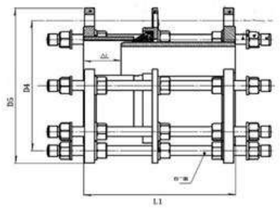
CODE	DN	Length	ØD	ØK	N	M	B	Weight
11000050	50	200+/-30	165	125	4	16	20	12
11000065	65	200+/-30	185	145	8	16	22	14
11000080	80	200+/-30	200	160	8	16	24	16
11000100	100	220+/-30	235	190	8	20	24	18
11000125	125	240+/-30	270	220	8	24	28	24
11000150	150	240+/-30	300	250	8	24	30	28
11000200	200	280+/-40	360	310	12	24	30	39
11000250	250	280+/-40	425	370	12	27	32	52
11000300	300	280+/-40	485	430	16	27	34	65
11000350	350	320+/-40	555	490	16	30	38	92
11000400	400	320+/-40	620	550	16	33	40	102
11000450	450	350+/-40	670	600	20	33	44	128

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Ductile iron telescopic Dismantling Joint





Applications

- The telescopic dismantling joint is specifically designed for use with flange fittings, both for adjustable and fixed flanges, where the tolerance compensates for axial displacement of the pipe

General features

- Where the tolerance compensates for axial displacement of the pipe
- Tolerance up to +/-50.
- Compatible with ductile iron fittings according to UNE EN 545 and flanges tolerances according to UNE EN 1092-1 and UNE EN 1092-2.

Coating

- Body: Complies with UNE EN 14901-1, specifications for the internal and external coating of ductile iron pipes and fittings. FBE coating in RAL 5017 traffic blue. Average thickness 250µm.

Working temperature range

- Working temperature range: 0°C to +50°C.
- Maximun temperature: +70°C for short term applications.
- Pressure ratings: PN10, PN16, and PN25.

DESCRIPTION	MATERIAL
Body and flanges	EN-GJS-500-7
Gasket	EPDM
Screws	Zinc-plated steel

DN	L1	ΔL	D5	D4	BOLT		e FLANGE
					N	Metric	
200	235	50	340	295	8	M20 x 380	19
250	250	50	400	350	12	M20 x 380	22
300	265	50	455	400	12	M20 x 410	23,5
350	265	50	505	460	16	M20 x 410	23,5
400	275	50	565	515	16	M24 x 450	23,5
450	295	50	615	565	20	M24 x 450	24,5
500	295	50	670	620	20	M24 x 450	25,5
600	315	50	780	725	20	M27 x 480	28
700	325	50	895	840	24	M27 x 480	30,5
800	340	50	1015	950	24	M30 x 500	33
900	350	50	1115	1050	28	M30 x 500	35,5
1000	360	50	1230	1160	28	M33 x 545	38
1200	370	50	1455	1380	32	M36 x 580	43

PN16

DN	L1	ΔL	D5	D4	BOLT		e FLANGE
					N	Metric	
50	215	50	165	125	4	M16 x 330	19
65	215	50	185	145	4	M16 x 330	19
80	225	50	200	160	8	M16 x 340	19
100	225	50	220	180	8	M16 x 340	19
125	225	50	250	210	8	M16 x 340	19
150	225	50	285	240	8	M20 x 350	19
200	235	50	340	295	12	M20 x 380	19
250	250	50	400	355	12	M24 x 380	22
300	265	50	455	410	12	M24 x 410	23,5
350	265	50	520	470	16	M24 x 410	25,5
400	275	50	580	525	16	M27 x 450	27
450	295	50	640	580	20	M27 x 450	29
500	295	50	715	640	20	M30 x 460	30,5
600	315	50	840	715	20	M33 x 500	34
700	325	50	910	840	24	M33 x 500	37,5
800	340	50	1025	950	24	M36 x 530	42
900	350	50	1125	1050	28	M36 x 530	44,5
1000	360	50	1255	1170	28	M39 x 570	48
1200	370	50	1485	1390	32	M45 x 620	55

PN25

DN	L1	ΔL	D5	D4	BOLT		e FLANGE
					N	Metric	
50	215	50	165	125	4	M16 x 340	19
65	215	50	185	145	4	M16 x 340	19
80	225	50	200	160	8	M16 x 340	19
100	225	50	235	190	8	M20 x 370	19
125	225	50	270	220	8	M24 x 380	19
150	225	50	300	250	8	M24 x 380	19
200	240	50	360	310	12	M24 x 400	19
250	250	50	425	370	12	M27 x 450	22
300	270	50	485	430	16	M27 x 460	23,5
350	270	50	555	490	16	M30 x 470	25,5
400	280	50	620	550	16	M33 x 500	27
450	300	50	670	600	20	M33 x 500	29
500	300	50	730	660	20	M33 x 500	30,5
600	320	50	845	770	20	M36 x 560	34
700	330	50	960	875	24	M39 x 570	37,5
800	350	50	1085	990	24	M45 x 620	42
900	360	50	1155	1090	28	M45 x 620	44,5
1000	370	50	1320	1210	28	M52 x 660	48
1200	380	50	1530	1420	32	M52 x 750	55

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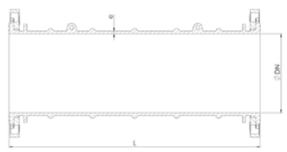




Dimension under the standard EN 545
Working pressure: PN10 and PN16

CODE	DN	THREAD	DA		a		b		Weight (kg)	
			PN10	PN16	PN10	PN16	PN10	PN16	PN10	PN16
4235050	50	1" ½	165	165	19,0	19,0	16,0	16,0	2,3	2,3
4235060		2"								
4236532	65	1"	175	175	19,0	19,0	16,0	16,0	3,2	3,2
4236550		1" ½								
4236560		2"								
4236575		2" ½								
4238032	80	1"	200	200	19,0	19,0	16,0	16,0	3,6	3,6
4238050		1" ½								
4238060		2"								
4238075		2" ½								
4238090		3"								
4231010	100	1"	220	220	19,0	19,0	16,0	16,0	4,5	4,5
4231050		1" ½								
4231060		2"								
4231075		2" ½								
4231090		3"								
4231250	125	1" ½	250	250	19,0	19,0	16,0	16,0	5,4	5,4
4231260		2"								
4231275		2" ½								
4231290		3"								
4231540	150	1" ¼	285	285	19,0	19,0	16,0	16,0	8,2	8,2
4231550		1" ½								
4231560		2"								
4231590		3"								
4232050	200	1" ½	340	340	20,0	20,0	17,0	17,0	11,6	11,6
4232060		2"								
4232075		2" ½								
4232090		3"								
4232532	250	1"	400	400	22,0	22,0	19,0	19,0	16,7	16,7
4232560		2"								
4232590		3"								
4233032	300	1"	455	455	24,5	24,5	20,5	20,5	25,8	25,8
4233050		1" ½								
4233060		2"								
4233075		2" ½								
4233532	350	1"	505	520	24,5	26,5	20,5	22,5	34,0	34,0
4234020	400	1" ½	565	580	24,5	28,0	20,5	24,0	39,5	39,5
4234060		2"								





LOOSE FLANGE ANCHORING SLEEVE

Dimension under the standard EN 545
Working pressure: PN10, PN16 and PN25

CODE	DN	e	L	Weight (kg)		
				PN10	PN16	PN25
04098080	80	7,0	800	16,9	17,5	18,5
04098100	100	7,5	800	19,7	23,4	25,6
04098125	125	7,8	800	25,5	27,78	29,95
04098150	150	7,8	800	32,2	35,0	38,0
04098200	200	8,4	800	51,8	49,0	56,2
04098250	250	9,0	1000	70,9	100,9	110,6
04091300	300	9,6	1000	103,8	100,9	110,3
04091350	350	10,2	1000	137,9	127,0	139,0
04091400	400	10,8	1000	151,1	154,8	170,2
04091450	450	11,5	1000	178,5	183,0	199,5
04091500	500	12,0	1000	247,0	225,4	238,0
04091600	600	13,2	1000	340,0	313,4	315,6
04091700	700	14,4	1000	343,0	378,4	395,5
04091800	800	15,6	1000	455,0	478,0	489,0



S LOOSE FLANGE BEND

CODE	DN	L	e	K	H	DA	Weight (kg)	
							PN10	PN16
04280080	80	500	7,0	140	280	132	20,3	20,3
04280100	100	500	7,2	150	300	156	29,1	29,1



LOOSE FLANGE CROSS

Dimension under the standard EN 545
Working pressure: PN10, PN16 and PN25

CODE	DN	dn	e1	e2	H	L	DA	Weight (kg)	
								PN10	PN16
04260050	50	50	7,0	7,0	135	280	99	14,0	14,0
04260060	65	65	7,0	7,0	150	300	108	13,1	13,1
04260080	80	80	7,0	7,0	165	330	132	20,7	20,7
04260100	100	100	7,2	7,2	180	360	156	24,0	24,0
04260125	125	125	7,5	7,5	200	400	184	28,2	28,2
04260150	150	150	7,8	7,8	220	440	211	32,0	32,0
04260200	200	200	8,4	8,4	260	520	266	43,0	43,0
04260250	250	250	9,0	9,0	350	700	319	62,0	62,0
04260300	300	300	9,6	9,6	400	800	370	115,5	119,5
04260400	400	400	10,8	10,8	450	900	480	230,0	233,0



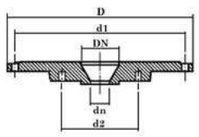
DUCKFOOT LOOSE FLANGE BEND

Dimension under the standard EN 545
Working pressure: PN10, PN16 and PN25

CODE	DN	e	L	C	d	DA	Weight (kg)	
							PN10	PN16
04211050	80	7,0	165	110	180	132	14,5	14,5
04211060	100	7,2	180	125	200	156	17,4	17,4
04211080	150	7,8	220	160	250	211	35,3	35,5







REDUCED FLANGE IN DUCTILE IRON

Dimension under the standard EN 545
Working pressure: PN10 and PN16

CODE	DN	dn	D	d1	d2	kg	PN
04000604	65	40	185	145	110	5,5	10/16
04000655	65	50	185	145	125	5,6	10/16
04000805	80	50	200	160	125	5,7	10/16
04000806	80	65	200	160	145	5,7	10/16
04001005	100	50	220	180	125	6,4	10/16
04001007	100	65	220	180	145	6,4	10/16
04001008	100	80	220	180	160	9,9	10/16
04001280	125	80	250	210	160	10,5	10/16
04001210	125	100	250	210	180	10,5	10/16
04001550	150	50	285	240	125	11,4	10/16
04001565	150	65	285	240	145	11,4	10/16
04001580	150	80	285	240	160	8,7	10/16
04001510	150	100	285	240	180	10,2	10/16
04001512	150	125	285	240	210	9,9	10/16
04002080	200	80	340	295	160	13,8	16
04002010	200	100	340	295	180	13,9	16
04002012	200	125	340	295	210	14,8	16
04002015	200	150	340	295	240	15	16
04002510	250	100	400	355	180	18	16
04002515	250	150	400	355	240	18,3	16
04002520	250	200	400	355	295	18,5	16

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Ductile iron fitting for PVC pipes technical specifications

Ductile iron fitting for PVC pipes

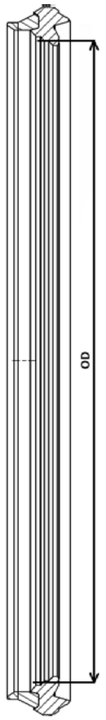
In the same way as for Cast Iron pipe, the DUCTILE IRON FITTING FOR PVC PIPES has a sliding assembly and attains watertightness with the water pressure on the rubber ring mounted between the pipe and the accessory. The shape of the ring is specifically designed for the accessory's easy assembly and complete watertightness and is supplied mounted on the accessory.

Flexible joints do not need a flange, counter flange or screws. They are easy to assemble and adjust to movements in the piping (expansion/compression).

The plug and flat end of the pipe should be cleaned well for assembly. For ease of assembly the accessory's rubber and the end of the pipe should be suitably lubricated and the correct position of the rubber in its groove on the accessory be ensured. Taking the depth of the flexible joint's plug into account, the desired penetration length is marked on the end of the pipe by way of reference when it comes to assembly.

The end of the PVC pipe should be properly bevelled for ease of assembly. For correct assembly, align the pipe with the accessory and put it into the accessory's plug, retaining alignment, up to the marking done beforehand on the pipe.

SEAL FOR PVC DI FITTING



Dimension under the standard EN 681-1
Working pressure; PN10, PN16

CODE	OD	Weight (kg)
10032050	50	0,01
10032063	63	0,02
10032075	75	0,03
10032090	90	0,04
10032110	110	0,06
10032125	125	0,07
10032140	140	0,08
10032160	160	0,1
10032180	180	0,12
10032200	200	0,14
10032225	225	0,18
10032250	250	0,28
10032280	280	0,33
10032315	315	0,44
10032355	355	0,58
10032400	400	0,78
10032450	450	1,0
10032500	500	1,28
10032630	630	2,24
10032710	710	3,0
10032800	800	2,5
10032900	900	4,0
10032100	1000	5,0
10032120	1200	6,0

BODY
The entire material for the parts is DUCTILE IRON (EN-GJS-500-7), compliant with the technical requirements in the UNE-EN 12842 standard and the specifications in the EN1563 standard.

FLEXIBLE JOINT RINGS
The material of the gasket is EPDM compliant with the technical requirements of the UNE EN 12842 Standard and the requirements of the EN 681-1 Standard for drinking water supplies and drainage. Gasket can be supplied in other materials (NBR, Viton, etc) to order.

COATING
The Epoxy coating of whole parts, both inside and outside, is based on non-toxic **epoxy powder in RAL 5017 blue,** hot-applied to the shot peened part (minimum **Sa 21/2 finish according to EN ISO 8501-1),** which is completely **free from oils, greases, moisture or other foreign materials,** and subsequently the parts are dried in the oven.

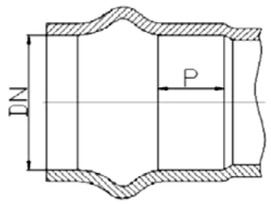
Coating is carried out in accordance with the **EN 14901 standard.** It can be done in **Purple [RAL 4001]** for reclaimed water and **Granite [RAL 3009]** for waste water, to order.

SPECIFICATIONS
DUCTILE IRON FITTING FOR PVC PIPES are designed according with the Dimension specifications in the UNE-EN 12842 standard. The minimum wall thickness in the accessories is as specified in that standard.

The plug is designed and tested for pressures of 10, 16 and 25 bar.

QUALITY CONTROL
We have the ISO 9001 quality assurance certificate and the TUV SUD product certificate for the manufacture of ductile cast iron accessories.

CATALOGUE DIMENSIONS
The Dimensions given in the catalogue may be imprecise, due to **typing errors or changes to the design** subsequent to this catalogue.
In general they are in line with the figures in the **UNE-EN 12842 standard.** Where nothing is specified by the standard for particular diameters, the Dimensions will be in line with **our own technical considerations.**



DN	P (mm)
63	42
75	42
90	44
110	47
125	49
140	51
160	54
180	57
200	60

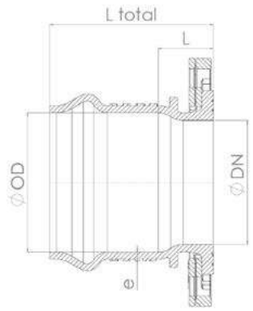
DN	P (mm)
225	64
250	68
280	72
315	78
355	84
400	90
450	98
500	105
630	125
710	125
800	140
900	130
1000	180
1200	180

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Ductile iron fittings for PVC pipes



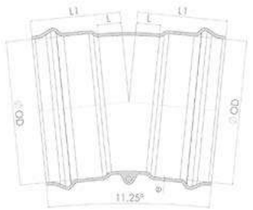


FLANGED SOCKET

Dimension under the standard EN 12842
Working pressure: PN10, PN16 and PN25

CODE	OD	DN	L	L total	e	Weight (kg)
						PN10/PN16
14000050	40	50	15	90	6,0	3,1
14000063	63	50	15	95	6,0	3,3
14000064	63	60	15	95	6,0	3,5
14000076	75	65	15	99	6,5	6,0
14000090	90	80	15	110	6,5	7,0
14000100	110	100	15	119	6,5	8,0
14000125	125	125	15	125	7,0	12,0
14000140	140	125	20	135	7,0	15,0
14000160	160	150	35	155	7,5	18,8
14000200	200	200	40	169	7,5	25,0
14000225	225	200	40	169	7,5	26,0
14000250	250	250	50	169	8,5	29,0
14000280	280	250	50	223	9,0	32,0
14000315	315	300	60	233	9,5	39,0
14000355	355	350	60	260	10,2	45,4
14000400	400	400	70	275	10,8	65,0
14000450	450	450	70	285	11,4	68,0
14000500	500	500	80	307	12,0	83,5
14000630	630	600	80	358	13,2	114
14000710	710	700	100	380	14,4	139
14000800	800	800	120	400	15,6	190
14000900	900	900	140	460	16,8	270,5
14000010	1000	1000	150	470	18	297
14000012	1200	1200	190	519	18	524



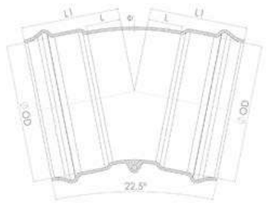


DOUBLE SOCKET BEND PVC 11° 15'

Dimension under the standard EN 12842
Working pressure: Up to 25bar

CODE	OD	L	L1	e	Weight (kg)
14021050	50	20	95	6,0	2,9
14021063	63	20	100	6,0	3,2
14021075	75	25	109	6,5	4,0
14021090	90	25	110	6,5	4,5
14021110	110	30	134	6,5	6,5
14021125	125	30	140	6,5	7,6
14021140	140	30	145	7,0	8,6
14021160	160	30	150	7,0	12,0
14021200	200	30	159	7,5	15,6
14021225	225	30	190	7,5	19,0
14021250	250	40	213	8,5	25,0
14021280	280	40	216	9,0	34,0
14021315	315	55	228	9,5	41,0
14023355	355	60	260	10,2	50,0
14021400	400	65	270	10,8	68,0
14023450	450	70	285	11,4	72,0
14021500	500	75	302	12,0	101,0
14021630	630	90	358	13,2	129,0
14021710	710	95	375	14,4	194,0
14021800	800	110	390	15,6	260,0
14021200	1200	145	475	18	540,0

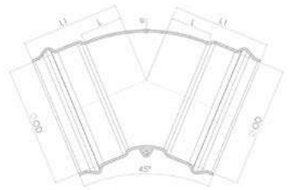




Dimension under the standard EN 12842
Working pressure: Up to 25bar

CODE	OD	L	L1	e	Weight (kg)
14022050	50	20	95	6,0	2,4
14022063	63	20	100	6,0	2,7
14022075	75	25	109	6,5	3,5
14022090	90	25	110	6,5	4,8
14022110	110	30	134	6,5	6,5
14022125	125	30	140	6,5	7,6
14022140	140	30	145	7,0	8,6
14022160	160	35	150	7,0	12,0
14022200	200	40	169	7,5	15,0
14022225	225	45	195	7,5	18,5
14022250	250	50	223	8,5	27,5
14022280	280	50	225	9,0	33,0
14022315	315	85	228	9,5	44,5
14022355	355	95	295	10,2	54,0
14022400	400	110	315	10,8	74,0
14022400	450	120	335	11,4	75,6
14022500	500	130	357	12,0	115,0
14022630	630	150	418	13,2	152,0
14022710	710	175	455	14,4	233,0
14022800	800	195	475	15,6	309,0
14022900	900	200	520	16,8	367,0
14022100	1000	240	560	18,0	452,0
14022200	1200	240	635	18,0	666,0





DOUBLE SOCKET BEND PVC 45°

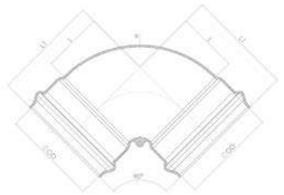
Dimension under the standard EN 12842
Working pressure: Up to 25bar

CODE	OD	L	L1	e	Weight (kg)
14023050	50	40	115	6,0	2,8
14023063	63	40	120	6,0	3,5
14023075	75	40	124	6,5	4,5
14023090	90	50	135	6,5	5,4
14023110	110	60	164	6,5	6,7
14023125	125	65	175	6,5	9,2
14023140	140	65	180	7,0	10,2
14023160	160	70	190	7,0	11,5
14023200	200	70	199	7,5	17,5
14023225	225	80	230	7,5	22,0
14023250	250	110	283	8,5	32,5
14023280	280	110	290	9,0	42,0
14023315	315	135	308	9,5	52,0
14023355	355	170	370	10,2	65,0
14023400	400	175	380	10,8	87,0
14023450	450	200	415	11,4	103,0
14023500	500	210	437	12,0	139,0
14023630	630	235	503	13,2	195,0
14023710	710	330	610	14,4	292,0
14023800	800	370	650	15,6	399,0
14023900	900	400	720	16,8	492,0
14023100	1000	460	780	18,0	621,0
14023200	1200	460	855	18,0	911,0

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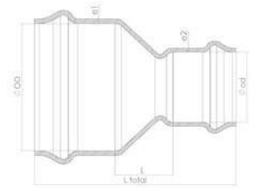


Dimension under the standard EN 12842
Working pressure: Up to 25bar

CODE	OD	L	L total	e	Weight (kg)
					PN10/PN16
14024050	50	60	140	6,0	3,2
14024063	63	65	145	6,0	3,7
14024075	75	70	154	6,5	5,0
14024090	90	75	160	6,5	6,5
14024110	110	85	189	6,5	8,6
14024125	125	110	220	6,5	9,5
14024140	140	110	225	7,0	12,5
14024160	160	130	250	7,0	16,0
14024200	200	160	289	7,5	22,0
14024225	225	160	310	7,5	28,0
14024250	250	185	358	8,5	38,0
14024280	280	185	365	9,0	49,0
14024315	315	215	388	9,5	60,0
14024355	355	290	490	10,2	86,0
14024400	400	300	505	10,8	101,0
14024450	450	300	515	11,4	138,0
14024500	500	315	542	12,0	147,0
14024600	630	515	783	13,2	270,0
14024710	710	720	1000	14,4	438,0
14024800	800	820	1100	15,6	620,0
14024900	900	820	1140	16,8	779,0
14024100	1000	830	1150	18,0	1.025,0
14024200	1200	850	1250	18,0	1.332,0

Working pressure up to 25bar



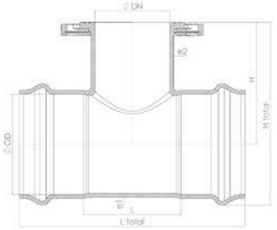


14047563		63	20	244	6,5	6,0	4,0
14049050	90	50	30	255	6,5	6,0	3,7
14049063		63	25	255	6,5	6,0	4,5
14049075		75	20	259	6,5	6,0	4,9
14041163	110	63	35	344	6,5	6,0	5,7
14041175		75	35	308	6,5	6,5	6,0
14041190		90	30	284	6,5	6,5	6,5
14041263	125	63	55	374	7,0	6,0	6,0
14041275		75	55	384	7,0	6,5	8,1
14041290		90	45	340	7,0	6,5	8,6
14041211		110	40	314	7,0	6,5	9,0
14041475	140	75	55	389	7,0	6,5	9,0
14041490		90	45	345	7,0	6,5	9,2
14041411		110	40	319	7,0	6,5	9,4
14041412		125	40	325	7,0	6,5	9,8
14041663	160	63	55	385	7,5	6,0	10,0
14041675		75	55	400	7,5	6,5	10,8
14041690		90	55	405	7,5	6,5	10,0
14041611		110	50	374	7,5	6,5	11,0
14041612		125	40	330	7,5	7,0	11,5
14041614		140	40	335	7,5	7,0	14,0
14042090	200	90	95	474	7,5	6,5	15,1
14042011		110	85	483	7,5	6,5	15,5
14042012		125	75	489	7,5	7,0	16,2
14042014		140	70	444	7,5	7,0	16,2
14042016		160	70	394	7,5	7,5	16,5
14042263	225	63	80	443	7,5	6,0	15,8
14042290		90	80	457	7,5	6,5	16,5
14042211		110	80	485	7,5	6,5	18,5
14042212		125	80	510	7,5	7,0	16,5
14042214		140	75	465	7,5	7,0	16,5
14042216		160	70	415	7,5	7,5	17,5
14042220		200	60	424	7,5	7,5	19,5
14042511	250	110	95	568	8,5	6,5	21,0
14042512		125	95	583	8,5	6,5	24,0
14042514		140	95	488	8,5	7,5	23,5
14042516		160	90	543	8,5	7,5	27,5
14042520		200	80	473	8,5	7,5	31,5
14042522		225	80	403	8,5	7,5	29,5
14042890	280	90	100	583	9,0	6,5	31,0
14042811		110	100	488	9,0	6,5	31,6
14042816		160	100	543	9,0	7,5	32,8
14042820		200	80	473	9,0	7,5	33,5
14042822		225	60	403	9,0	7,5	36,0
14042825		250	60	433	9,0	8,5	38,0
14043090	315	90	105	379	9,5	6,5	26,0
14043011		110	105	403	9,5	6,5	29,5
14043012		125	105	423	9,5	7,0	34,0
14043014		140	105	435	9,5	7,0	34,5
14043016		160	105	444	9,5	7,5	30,5
14043020		200	105	553	9,5	7,5	40,0
14043022		225	90	512	9,5	7,5	41,0
14043025		250	80	497	9,5	8,5	41,0
14043028		280	80	503	9,5	9,0	44,2
14043516	355	160	360	680	10,2	7,5	45,0
14043520		200	360	689	10,2	7,5	46,0
14043525		250	260	633	10,2	8,5	44,0
14043530		315	160	533	10,2	9,5	42,0
14044012	400	125	200	617	10,8	7,0	42,0
14044020		200	360	694	10,8	7,5	63,0
14044025		250	360	738	10,8	8,5	64,0
14044030		315	260	638	10,8	9,5	66,0
14044035		355	160	565	10,8	10,2	55,0
14044525	450	250	360	748	13,2	8,5	83,0
1404453		315	360	748	13,2	9,5	85,0
14044535		355	260	675	13,2	10,2	83,0
14044540		400	160	580	13,2	10,8	80,0
14045030	500	315	420	760	12,0	9,5	74,5
14045035		355	320	787	12,0	10,2	95,0
14045040		400	260	692	12,0	10,8	86,0
14045045		450	160	602	12,0	11,4	96,0
14046331	630	315	420	780	13,2	9,5	95,0
14046335		355	360	828	13,2	10,2	134,0
14046340		400	360	833	13,2	10,8	136,0
14046345		450	260	743	13,2	11,4	143,0
14046350		500	160	655	13,2	12,0	131,0
14047140	710	400	420	830	14,4	10,8	152,0
14047145		450	360	855	14,4	11,4	168,0
14047150		500	260	767	14,4	12,0	159,0
14047163		630	160	708	14,4	13,2	154,0
14048040	800	400	420	835	15,6	10,8	195,0
14048050		500	360	867	15,6	12,0	213,0
14048063		630	260	808	15,6	13,2	207,0
14048071		710	160	720	15,6	14,4	206,0
14049080	900	630	360	948	15,8	13,2	415,0
14049071		710	260	860	15,8	14,4	410,0
14049080		800	160	800	15,8	15,6	355,0
14041063	1000	630	360	948	18,0	13,2	420,0
14041071		710	260	860	18,0	14,4	415,0
14041209		900	360	1010	18,0	15,8	495,0
14041210		1000	260	910	18,0	18,0	474,0

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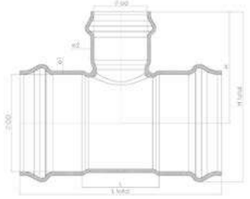
Working pressure up to 25bar

CODE	OD	DN	e1	e2	H	Htotal	L	Weight (kg)	
								Ltotal	PN10/PN16
14056350	63	50	6,0	6,0	140	187	129	289	6,5
14056360		60/65				187		289	6,6
14057550	75	50	6,5	6,0	140	193	132	300	6,6
14057565		60/65				193	141	309	7,5
14059050	90	50	6,5	6,0	145	207	132	322	8,6
14059060		60/65		6,0	155	217	148	338	9,0
14059080		80		6,4	160	222	156	346	10,3
14051150	110	50	6,5	6,0	145	218	132	340	10,3
14051160		60/65		6,0	165	238	148	356	10,5
14051180		80		6,4	170	243	164	372	13,0
14051110		100		6,4	170	243	176	384	14,5
14051250	125	50	7,0	6,0	160	241	134	354	10,0
14051260		60/65		6,0	160	241	150	370	10,5
14051280		80		6,4	170	251	166	386	11,5
14051210		100		6,4	180	261	186	406	13,0
14051212		125		6,9	180	261	193	413	14,0
14051450	140	50	7,0	6,0	160	250	136	366	12,5
14051460		60/65		6,0	180	270	152	382	14,6
14051480		80		6,4	185	275	168	398	15,0
14051410		100		6,4	195	285	188	418	15,5
14051412		125		6,9	200	290	210	440	16,2
14051650	160	50	7,0	6,0	170	270	134	270	14,6
14051660		60/65		6,0	190	290	150	290	15,6
14051680		80		6,4	200	300	166	300	17,0
14051610		100		6,4	205	305	186	305	17,8
14051612		125		6,9	210	310	212	310	24,8
14051615		150		7,1	220	320	228	320	17,5
14052050	200	50	7,5	6,0	195	317	136	317	27,5
14052060		60/65		6,0	215	337	152	337	17,5
14052080		80		6,4	225	347	168	347	18,5
14052010		100		6,4	230	352	188	352	20,5
14052012		125		6,9	240	362	214	362	22,0
14052015		150		7,1	245	367	240	367	25,4
14052020		200		7,5	250	372	270	372	30,0
14052260	225	60/65	7,5	6,0	215	350	152	452	25,0
14052280		80		6,4	225	360	168	468	26,0
14052210		100		6,4	230	365	188	488	27,5
14052212		125		6,9	240	375	214	514	33,5
14052215		150		7,1	245	380	240	540	34,0
14052220		200		7,5	260	395	292	592	39,0
14052560	250	60/65	8,5	6,0	250	400	166	512	34,5
14052580		80		6,4	250	400	182	528	35,5
14052510		100		6,4	255	405	202	548	36,3
14052512		125		6,9	260	410	228	574	39,0
14052515		150		7,1	265	415	254	600	43,1
14052520		200		7,5	275	425	306	652	45,0
14052525		250		8,5	285	435	334	680	49,0
14053160	315	60/65	9,5	6,0	290	475	160	508	47,5
14053180		80		6,4	295	480	175	523	49,0
14053110		100		6,4	300	485	195	543	50,0
14053012		125		6,5	300	490	220	568	52,5
14053115		150		6,9	310	495	250	598	57,5
14053120		200		7,5	310	495	300	648	62,5
14053125		250		8,5	310	495	350	698	68,5
14053130		300		11,0	310	495	390	738	77,0
14053580	355	80	10,2	6,4	325	523	180	580	56,5
14053510		100		6,4	330	528	200	600	59,5
14053515		150		6,9	345	543	250	650	66,0
14053520		200		7,5	350	548	300	700	71,0
14053525		250		8,5	360	558	350	750	86,5
14053535		350		9,0	380	578	435	835	100,5
14054080	400	80	10,8	6,4	340	571	190	600	69,5
14054010		100		6,4	355	586	210	620	75,6
14054015		150		7,1	360	591	260	670	79,0
14054020		200		7,5	365	596	310	720	93,0
14054025		250		8,5	375	606	365	775	97,0
14054030		300		9,6	385	616	415	825	105,0
14054035		350		10,2	390	621	465	875	135,0
14054040		400		10,8	395	626	490	900	138,5
14054580	450	80	11,4	6,4	340	598	180	610	77,0
14054510		100		6,4	340	598	200	630	78,0
14054515		150		7,1	360	618	250	680	86,5
14054520		200		7,5	365	623	305	735	92,5
14054540		400		10,8	395	653	510	940	146,5
14055010	500	100	12,0	7,2	380	665	180	634	119,0
14055015		150		7,8	385	670	230	684	127,5
14055020		200		8,4	390	675	280	734	134,0
14055025		250		9,0	400	685	330	784	157,0
14055030		300		9,6	440	725	390	844	164,5
14055035		350		10,2	440	725	440	894	174,5
14055040		400		10,8	440	725	490	944	184,0
14055045		450		11,4	460	745	540	994	216,6
14055050		500		12,0	460	745	590	1044	249,0
14056080	630	80	13,2	7,0	450	807	190	726	141,0
14056010		100		7,2	450	807	220	756	146,0
14056015		150		7,8	450	807	270	806	168,0
14056020		200		8,4	450	807	300	836	174,0
14056025		250		9,0	460	817	370	906	179,0
14056030		300		9,6	460	817	430	966	200,0
14056335		350		10,2	460	817	480	1016	220,0
14056040		400		10,4	480	837	530	1066	239,0
14056345		450		11,4	480	837	580	1116	325,0
14056350		500		12,0	560	917	630	1166	341,0
14056060		600		13,0	560	917	735	1271	355,0
14057080	710	80	14,4	7,0	500	902	180	740	205,0
14057010		100		7,2	500	902	220	780	215,0
14057112		125		7,5	500	902	260	820	224,0
14057015		150		7,8	500	902	280	840	232,0
14057020		200		8,4	500	902	330	890	247,0
14057025		250		9,0	525	927	360	920	260,0
14057030		300		9,6	530	932	410	970	277,0
14057035		350		10,0	530	932	460	1020	296,0
14057040		400		10,5	540	942	510	1070	372,0
14057145		450		11,0	540	942	560	1120	337,0
14057150		500		11,5	560	962	620	1180	367,0
14057160		600		13,0	580	982	720	1280	423,0
14057170		700		14,0	600	1002	820	1380	462,0
14058015	800	150	15,6	7,8	540	990	260	820	287,0
14058020		200		8,4	540	990	310	870	297,0
14058025		250		9,0	585	1035	360	920	305,0
14058030		300		9,6	600	1050	415	975	353,0
14058035		350		10,0	600	1050	470	1030	350,0
14058040		400		10,5	615	1065	520	1080	409,0
14058045		450		11,0	615	1065	570	1130	397,0
14058050		500		11,5	630	1080	620	1180	428,0
14058060		600		13,0	645	1095	725	1285	490,0
14058070		700		14,0	660	1110	830	1390	536,0
14058080		800		15,6	675	1125	930	1490	605,0
14059015	900	150	16,8	7,8	600	1100	300	940	369,0
14059020		200		8,4	620	1120	350	990	388,0
14059025		250		9	620	1120	400	1040	408,0
14059030		300		9,6	640	1140	460	1100	432,0
14059040		400		10,5	660	1160	560	1200	476,0
14059005		500		11,5	660	1160	660	1300	526,0
14059006		600		13	680	1180	770	1410	584,0
14059007		700		14	710	1210	870	1510	619,0
14059008		800		15,6	730	1230	980	1620	676,0
14059090		900		16,8	750	1250	1030	1670	708,0
14051015	1000	150	18,0	7,8	640	1190	300	940	395,0
14051020		200		8,4	650	1200	350	990	421,0
14051025		250		9,0	650	1200	400	1040	447,0
14051003		300		9,6	650	1200	465	1105	473,0
14051035		350		10,0	650	1200	510	1150	499,0
14051040		400		10,5	710	1260	560	1200	534,0
14051045		450		11,0	710	1260	610	1250	565,0
14051050		500		1,5	730	1280	660	1300	604,0
14051060		600		13,0	750	1300	765	1405	681,0
14051070		700		14,0	760	1310	870	1510	710,0
14051080		800		15,6	780	1330	970	1610	823,0
14051090		900		16,8	790	1340	1080	1720	901,0
14051010		1000		18,0	800	1350	1180	1820	1.005,0
14051215	1200	150	18	7,8	730	1384	990	990	616,0
14051220		200		8,4	730	1384	1045	1045	651,0
14051225		250		9	730	1384	1095	1095	709,0
14051230		300		9,5	750	1404	1150	1150	747,0
14051235		350		10	750	1404	1200	1200	764,0
14051240		400		10,5	750	1404	1250	1250	803,0
14051245		450		11	800	1454	1300	1300	849,0
14051250		500		11,5	800	1454	1352	1352	870,0
14051260		600		13	850	1504	1455	1455	999,0
14051270		700		14	870	1524	1560	1560	1.049,0

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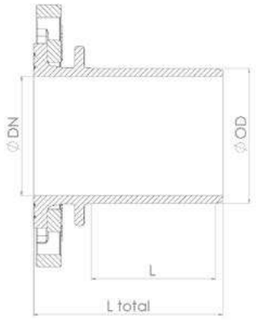
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14035050	50	50	6,0	6,0	30	187	60	289	3,1
14036350	63	50	6,5	6,0	30	187	70	289	3,2
14036363		63		6,0	30	187	129	289	4,5
14037550	75	50	6,5	6,0	45	198	60	197	4,0
14037563		63		6,0	45	198	129	297	6,0
14037575		75		6,5	45	202	141	309	5,3
14039063	90	63	6,5	6,0	50	215	129	319	7,0
14039075		75		6,5	50	219	142	332	7,6
14039090		90		6,5	50	230	156	346	10,5
14031163	110	63	6,5	6,0	60	233	129	337	7,5
14031175		75		6,5	60	237	141	349	8,8
14031190		90		6,5	60	248	156	364	9,2
14030110		110		6,5	60	257	176	384	9,4
14031263	125	63	7,0	6,0	70	251	131	351	9,5
14031275		75		6,5	70	255	143	363	9,8
14031290		90		6,5	70	266	158	378	10,1
14031211		110		6,5	70	275	178	398	12,0
14031212		125		7,0	70	281	193	413	12,3
14031463	140	63	7,0	6,0	75	270	133	363	12,2
14031475		75		6,5	75	274	145	375	12,5
14031490		90		6,5	75	285	160	390	12,8
14031411		110		6,5	75	294	180	410	13,0
14031412		125		7,0	75	300	195	425	13,9
14031414		140		7,0	75	305	210	440	14,5
14031663	160	63	7,5	6,0	85	290	131	371	13,0
14031675		75		6,5	85	294	143	383	15,0
14031690		90		6,5	85	305	158	398	16,5
14031611		110		6,5	85	314	178	418	19,0
14031612		125		7,0	85	320	193	433	19,5
14031614		140		7,0	85	325	208	448	20,5
14031616		160		7,5	85	330	228	468	21,1
14032063	200	63	7,5	6,0	128	332	133	391	19,0
14032075		75		6,5	128	336	145	403	19,5
14032090		90		6,5	128	347	160	418	21,0
14032011		110		7,0	128	356	180	438	22,5
14032012		125		7,0	129	362	195	453	23,0
14032014		140		7,5	130	367	210	468	24,0
14032016		160		7,5	130	372	230	488	25,0
14032020		200		7,5	130	381	270	528	27,0
14032263	225	63	7,5	6,0	140	355	133	433	22,0
14032290		90		6,5	140	370	160	460	24,0
14032211		110		6,5	140	380	180	480	26,0
14032214		140		7,0	142	395	230	530	29,0
14032216		160		7,5	142	395	230	530	29,0
14032220		200		7,5	142	404	270	570	32,5
14032222		225		7,5	142	425	295	595	34,6
14032590	250	90	8,5	6,5	153	405	174	520	33,0
14032511		110		6,5	153	414	194	540	33,5
14032512		125		7,0	153	414	203	551	36,5
14032514		140		7,0	153	420	218	566	38
14032516		160		7,5	155	430	244	590	39,0
14032520		200		7,5	155	439	284	630	41,6
14032522		225		7,5	155	460	309	655	44,0
14032525		250		8,5	162	483	334	680	55,5
14033175	315	75	9,5	6,5	185	450	153	501	48,0
14033190		90		6,5	185	465	168	516	49,0
14033111		110		6,5	185	474	188	536	50,0
14033112		125		6,5	186	481	203	551	51,5
14033114		140		7,0	187	486	218	566	52,5
14033116		160		7,5	187	491	238	586	53,0
14033120		200		7,5	187	501	278	626	58,5
14033125		250		8,5	194	552	328	676	66,0
14033128		280		9,0	190	560	350	698	70,0
14033131		315		9,5	191	550	393	741	81,0
14033511	355	110	10,2	6,5	190	575	190	590	58,5
14033516		160		7,5	190	607	240	640	67,5
14033520		200		7,5	190	625	280	680	70,0
14033522		225		7,5	190	667	305	705	73,0
14033525		250		8,5	190	713	330	730	74,5
14033531		315		9,5	190	715	395	795	91,0
14033535		355		9,8	190	767	435	835	98,0
14034011	400	110	10,8	6,5	215	550	140	550	70,5
14034012		125		7,0	215	556	155	565	74,5
14034014		140		7,0	215	560	180	560	69,0
14034016		160		7,5	215	566	180	590	77,0
14034020		200		7,5	215	575	220	630	90,0
14034025		250		9,5	215	619	270	680	93,0
14034031		315		10,8	215	619	340	750	112,0
14034040		400		10,8	215	651	430	840	123,0
14034511	450	110	11,4	6,5	260	622	190	620	78
14034512		125		7	260	628	200	630	95
14034516		160		7,5	260	638	235	665	110
14034520		200		7,5	265	652	275	705	125
14034525		250		9,5	265	696	325	755	132
14034531		315		10,8	265	696	390	820	137

CODE	OD	od	e1	e2	H	Htotal	L	Ltotal	Weight (kg)
14035016	500	160	12,0	7,5	285	690	250	704	117,0
14035020		200		7,5	285	699	290	744	119,0
14035025		250		9,5	285	743	340	794	143,0
14035031		315		10,8	285	743	405	859	150,0
14035035		355		10,8	285	770	445	899	159,0
14035040		400		10,8	285	775	490	944	167,0
14035045		450		11,4	285	785	540	994	183,0
14030500		500		12,0	285	797	590	1044	199,0
14036311	630	110	13,2	6,5	350	811	210	746	127,5
14036312		125		7,0	350	817	225	761	133,5
14036314		140		7,5	350	820	240	780	136,0
14036316		160		7,5	350	827	260	796	140,5
14036320		200		7,5	350	836	300	836	148,5
14036325		250		9,5	350	880	350	886	164,0
14036331		315		10,8	350	880	375	911	200,0
14036335		355		10,8	350	907	425	961	216,0
14036340		400		10,8	350	912	475	1011	233,0
14036345		450		11,4	350	922	530	1066	267,0
14036350		500		12,0	350	934	580	1116	301,0
14030630		630		13,2	350	975	680	1216	330,0
14037111	710	110	14,4	6,5	370	876	200	760	173,0
14037112		125		7,0	370	882	215	775	178,0
14037114		140		7,5	370	887	230	790	180,0
14037116		160		7,5	370	892	250	810	187,0
14077120		200		7,5	370	901	290	850	198,0
14037125		250		9,5	370	945	340	900	216,0
14037131		315		10,8	370	945	405	965	237,0
14037135		355		9,8	370	972	445	1005	249,0
14037140		400		9,5	370	977	490	1050	262,0
14037145		450		9,8	370	987	540	1100	284,0
14037150		500		10,0	370	999	590	1150	301,0
14037163		630		10,0	370	1040	720	1280	341,0
14030710		710		14,0	370	1052	800	1360	379,0
14038011	800	110	15,6	6,5	420	973	200	760	238,0
14038012		125		7,0	420	979	215	775	243,5
14038014		140		7,5	420	984	230	790	250,0
14038016		160		7,5	420	989	250	810	254,5
14038020		200		7,5	420	998	290	850	268,5
14038025		250		9,5	420	1042	340	900	289,5
14038031		315		10,8	420	1042	405	965	313,7
14038035		355		9,8	420	1069	445	1005	329,0
14038040		400		9,5	420	1074	490	1050	344,5
14038045		450		9,8	420	1084	540	1100	370,0
14038050		500		10,0	420	1096	590	1150	389,5
14038063		630		10,0	420	1137	720	1280	437,5
14038071		710		14,0	420	1149	800	1360	481,3
14038080		800		15,6	420	1149	890	1450	534,0
14039016	900	160	15,8	7,5	480	1049	290	930	419,0
14039020		200		7,5	480	1059	330	970	440,0
14039025		250		9,5	490	1110	380	1020	465,0
14039031		315		10,8	490	1107	445	1085	502,0
14039035		355		9,8	490	1135	485	1125	522,0
14039040		400		9,5	490	1145	530	1170	550,0
14039045		450		9,8	490	1151	580	1220	585,0
14039050		500		10,0	490	1167	630	1270	616,0
14039063		630		10,0	490	1214	760	1400	680,0
14039071		710		14,0	490	1220	840	1480	765,0
14039080		800		15,6	490	1230	930	1570	840,0
14039090		900		16,2	510	1330	1030	1670	940,0
14031011	1000	110	18,0	6,5	520	1174	240	880	397,0
14031012		125		7,0	520	1190	255	895	405,0
14031014		140		7,0	520	1199	270	910	413,0
14031016		160		7,5	520	1220	290	930	422,0
14031020		200		7,5	520	1243	330	970	443,0
14031025		250		9,5	520	1255	380	1020	472,0
14031031		315		10,8	520	1244	445	1085	507,0
14031035		355		9,8	520	1270	485	1125	431,0
14031040		400		9,5	520	1275	530	1170	555,0
14031045		450		9,8	520	1285	580	1220	590,0
14031050		500		10,0	520	1297	630	1270	619,0
14031063		630		10,0	520	1338	760	1400	691,0
14031071		710		14,0	520	1350	840	1480	770,0
14031080		800		15,6	520	1350	930	1570	847,0
14031001		1000		18,0	520	1390	1130	1770	985,0
14031220	1200	200	18,0	7,5	630	1413	360	1020	632
14031225		250		9,5	630	1457	410	1070	669
14031231		315		10,8	634	1461	475	1135	715
14031235		355		9,8	635	1489	515	1175	743
14031240		400		9,5	640	1499	560	1220	772
14031245		450		9,8	640	1509	610	1270	815
14031250		500		10,0	640	1521	660	1320	850
14031263		630		10,0	645	1567	790	1450	940
14031210		1000		18,0	660	1634	1160	1820	1233

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Dimension under the standard UNE-EN 12842
Working pressure: Up to 25bar

CODE	OD	DN	L	Ltotal	Weight (kg)
14010063	63	60/65	93	112	2,3
14010075	75	60/65	98	117	4,5
14010090	90	80	102	121	5
14010100	110	100	110	129	5,5
14010125	125	125	114	133	8
14010140	140	125	119	138	8,5
14010160	160	150	127	146	11,5
14010200	200	200	139	159	16
14010225	225	200	147	167	17
14010250	250	250	156	178	23,5
14010315	315	300	176	201	35,5
14010355	355	350	187	214	44
14010400	400	400	198	226	58
14010450	450	450	200	230	59,5
14010500	500	500	225	260	92
14010630	630	600	260	300	136
14010710	710	700	281	325	163,5
14010800	800	800	290	335	173



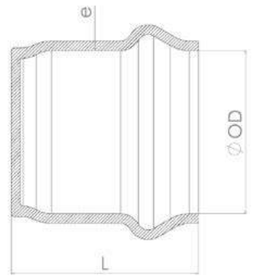


DOUBLE SOCKET COLLAR FOR PVC

Dimension under the standard UNE-EN 12842
Working pressure : Up to 25bar

CODE	OD	e	L	Ltotal	Weight (kg)
14070355	355	10,20	60	460	49,5
14070400	400	10,80	60	470	59,5
14070450	450	11,40	60	490	70
14070500	500	12,00	60	514	59,6
14070630	630	13,20	60	596	112
14070710	710	14,40	60	620	186
14070800	800	15,60	60	620	210
14070900	900	15,80	60	700	315
14071000	1000	18,00	60	700	317
14071200	1200	18,00	60	720	480

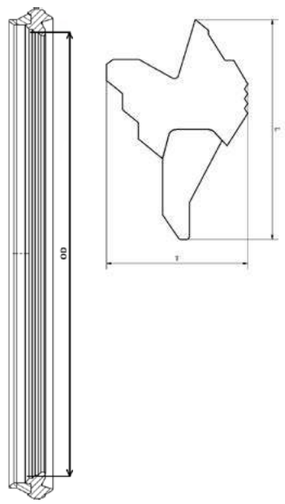




Dimension under the standard UNE-EN 12842
Working pressure : Up to 25bar

CODE	OD	e	L	Weight (kg)
14060063	63	6,0	98	1,5
14060075	75	6,5	102	2
14060090	90	6,5	113	2,5
14060110	110	6,5	122	3,5
14060125	125	6,5	129	4,5
14060160	160	7,0	139	6,5
14060200	200	7,5	149	10
14060250	250	8,5	200	15,5
14060315	315	9,5	197	24,6
14060350	355	10,2	225	30
14060400	400	10,8	235	40
14060450	450	11,4	243	45,5
14060500	500	12,0	256	59
14060630	630	13,2	268	79
14060710	710	14,4	310	124
14060800	800	15,6	320	154
14060900	900	16,8	370	220
14061000	1000	18,0	370	223
14061200	1200	18,0	469	384





TRELLEBORG ANGERLOCK SEAL

CODE	OD	T	L	Weight (kg)
10032050	50	7,2	12,3	0,01
10032063	63	10,4	17,8	0,02
10032075	75	11,6	19,8	0,03
10032090	90	12,7	21,7	0,04
10032110	110	13,8	22	0,06
10032125	125	13,8	23,6	0,07
10032140	140	14,8	25,36	0,08
10032160	160	15,9	27,2	0,1
10032180	180	17,5	28,8	0,12
10032200	200	16,9	29	0,14
10032225	225	18	30,8	0,18
10032250	250	21,1	34,2	0,28
10032280	280	22,5	36,1	0,33
10032315	315	23,6	37,6	0,44
10032355	355	25,8	40,9	0,58
10032400	400	28	44,9	0,78
10032450	450	29,5	47	1
10032500	500	31,6	51,4	1,28
10032630	630	38,2	61,3	2,24
10032710	710	42	67,4	3
10032800	800	43,3	69,4	2,5
10032900	900	4,5	74	4
10032100	1000	46	78	5
10032120	1200	48	79	6

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Repair Clamp



Uses

- CONDOR repair couplings can be used on PVC, Fibre Cement, GRP, Ductile Iron Pipe and Polyester.

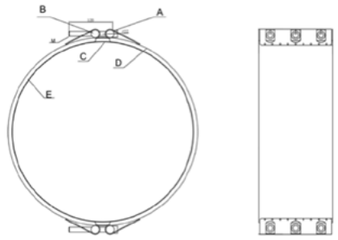
- Therefore they can be used for the following:
  - **Pipe repair:** Whether a clean break or pitting on the pipe or for a break which excedes the width of the coupling, which means the broken part needs to be replaced and a joint needs to be put in place unsing 2 coupling.
  - **Joint 2 pipes.**

- They are most commonly used for:
  - Irrigation
  - Water Supply
  - Waste wáter networks
  - Sea wáter piping
  - Fire fighting systems

General features

- Available in 2 widths:
  - 135mm: from 88mm – 180mm
  - 200mm: from 148mm – 642mm

- 3° degree angle deflection.
- Axial movement up to 10mm
- Angular misalignment 5mm
- For temperatures between -10°C/14 F and +100° C/212 F
- Pressures of up to 30 bar (depending on the diameter)



DESCRIPTION	MATERIAL
SCREWS	STEEL STAINLESS AISI 304 + Teflón
SHAFT	STEEL STAINLESS AISI 304
PLATES	STEEL STAINLESS AISI 304
FRAMEWORK	STEEL STAINLESS AISI 304
RUBBER	EPDM

STAINLESS STEEL BOLTS 304

CODE	Range	Width	Working Pressure	Weight (Kg)	Bolts	Torque (Nm)
02030088	88-100	135	30	2,10	M10	40-50
02030098	98-110	135	30	2,20	M10	40-50
02030108	108-120	135	25	2,30	M10	40-50
02030118	118-130	135	25	2,45	M12	50-60
02030128	128-140	135	25	3,46	M12	50-60
02030138	138-150	135	25	3,70	M12	50-60
02030148	148-160	135	20	3,85	M12	50-60
02030158	158-170	135	20	4,20	M12	50-60
02030168	168-180	135	20	4,40	M12	50-60

WIDTH NOMINAL 200MM/ STAINLESS STEEL BOLTS 304

CODE	Range	Width	Working Pressure	Weight (Kg)	Bolts	Torque (Nm)
02031148	148-160	200mm	20	5,80	M12	60-80
02031158	158-170	200mm	20	5,96	M12	60-80
02031168	168-180	200mm	20	6,02	M12	60-80
02031178	178-190	200mm	20	6,12	M12	80-100
02031188	188-200	200mm	20	6,36	M12	80-100
02031198	198-210	200mm	20	6,66	M14	80-100
02031208	208-220	200mm	20	6,72	M14	80-100
02031218	218-230	200mm	16	6,86	M14	80-100
02031228	228-240	200mm	16	6,96	M14	80-100
02031238	238-250	200mm	16	7,06	M14	80-100
02031248	248-260	200mm	16	7,16	M14	80-100
02031258	258-270	200mm	16	7,28	M15	80-100
02031268	268-280	200mm	16	7,44	M14	80-100
020311278	278-290	200mm	16	7,54	M14	80-100
020311288	288-300	200mm	16	7,66	M14	80-100
02031298	298-310	200mm	16	7,86	M14	80-100
02031306	308-320	200mm	16	7,90	M14	80-100
02031318	318-330	200mm	16	8,04	M14	80-100
0201328	328-340	200mm	16	8,16	m14	80-100
02031338	338-350	200mm	16	8,22	M14	80-100
02031348	348-360	200mm	16	8,32	M14	80-100
02031358	358-370	200mm	16	8,44	M15	80-101
02031368	368-380	200mm	12	8,56	M14	80-100
02031378	378-390	200mm	12	8,62	M14	80-100
02031388	388-400	200mm	12	8,74	M14	80-100
02031398	398-410	200mm	12	8,90	M14	80-100
02031418	418-430	200mm	12	9,16	M14	80-100
02031428	428-440	200mm	12	9,24	M14	80-100
02031438	438-450	200mm	12	9,38	M14	80-100
02031448	448-460	200mm	12	9,54	M14	80-100
02031458	458-470	200mm	12	9,68	M14	80-101
02031468	468-480	200mm	10	9,76	M14	80-100
02031478	478-490	200mm	14	9,82	M14	80-100
02031488	488-500	200mm	10	10,91	M14	100-120
02031498	498-510	200mm	10	10,96	M14	100-120
02031508	508-520	200mm	10	11,20	m14	100-120
02031518	518-530	200mm	10	11,24	M14	100-120
02031528	528-540	200mm	10	11,26	M14	100-120
02031538	538-550	200mm	10	11,30	M14	100-120
02031548	548-560	200mm	10	11,62	M14	100-120
02031558	558-570	200mm	10	11,66	M14	100-120
02031568	568-580	200mm	10	12,06	M14	100-120
02031578	578-590	200mm	10	12,14	M14	100-120
02031598	598-610	200mm	10	12,22	M14	100-120
02031618	618-630	200mm	10	12,48	M14	100-120

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Ares
Repair Clamp

Applications

The Ares repair clamp is specifically designed for use in quick repairs to a wide variety of pipes:

- Cast Iron
- Steel
- Fiber Cement
- PVC
- GRP
- PE

* If pipe repair clamps are to be used on plastic pipes, always contact CONDOR or a CONDOR distributor for further information on the application and restrictions for these types of pipes.

Recommendations for the applications and instalation

- The width of the clamp must be at least equal to the outside diameter of the pipe.
- The clamp width must be 150 mm greater than the length of any crack in pipes with an external diameter of up to 350 mm. For larger pipes, it must be at least 200 mm.
- Regarding PVC pipes, the pipe width should be 50% greater and the bolt torque should be reduced by 50%. It is preferable to consult your distributor.
- The maximum permissible distance between two pipe ends must not exceed 10mm.
- The maximum allowable deflection is 2 degrees.
- The maximum permissible compression must not exceed 3mm.

Most commonly applications

- Irrigation
- Water supply systems
- Sanitation networks
- Seawater conveyance
- Firefighting sysytems

General features

- AISI 304 stainless steel manufactured.
- Ranges: from 60-67 to 435-455.
- Width 200mm.
- Available system with single lock and two lock.
- EPDM gasket according to EN 681-1 (Hot water supply/steam, chemical substances).

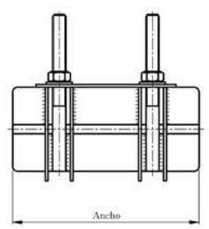
Working conditions

- Working pressure up to PN16
- Working temperature: -40°C to 130°C

DESCRIPTION	MATERIAL
BODY	AISI 304 stainless steel
GASKET	EPDM
BOLTS	AISI 304 stainless steel
NUTS	AISI 304 stainless steel

SINGLE-LOCK TYPE

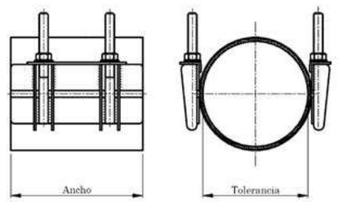




02050060	60-67	200	1,48	16
02050067	67-74	200	1,56	16
02050070	70-77	200	1,58	16
02050073	73-80	200	1,65	16
02050076	76-83	200	1,66	16
02050082	82-89	200	1,80	16
02050087	87-94	200	1,90	16
02050091	91-98	200	1,98	16
02050095	95-102	200	2,06	16
02050098	98-108	200	2,06	16
02050102	102-112	200	2,07	16
02050106	106-116	200	2,07	16
02050108	108-118	200	2,08	16
02050113	113-123	200	2,13	16
02050118	118-128	200	2,20	16
02050120	120-131	200	2,26	16
02050125	125-135	200	2,36	16
02050132	132-142	200	2,38	16
02050135	135-145	200	2,40	16
02050145	145-155	200	2,41	16
02050151	151-161	200	2,44	16
02050165	165-175	200	2,78	16
02050176	176-186	200	2,86	16
02050180	180-191	200	2,87	16
02050193	193-203	200	2,88	16
02050200	200-210	200	2,94	16
02050215	215-226	200	3,16	16
02050219	219-230	200	3,17	16
02050228	228-240	200	3,20	16
02050243	243-253	200	3,31	16
02050271	271-281	200	3,50	16
02050315	315-326	200	3,90	16

ARES REPAIR CLAMP
2-LOCK TYPE





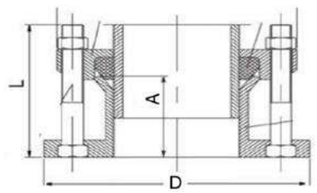
CODE	Tolerance	Width (mm)	Weight (kg)	PN
02051088	88-110	200	3,10	16
02051108	108-128	200	3,24	16
02051112	112-134	200	3,32	16
02051120	120-140	200	3,34	16
02051140	140-160	200	3,35	16
02051159	159-180	200	3,80	16
02051165	165-185	200	3,85	16
02051168	168-189	200	3,90	16
02051170	170-190	200	3,90	16
02051176	176-196	200	3,94	16
02051190	190-210	200	4,12	16
02051195	195-217	200	4,15	16
02051210	210-230	200	4,23	16
02051216	216-238	200	4,26	16
02051225	225-246	200	4,43	16
02051230	230-250	200	4,63	16
02051240	240-260	200	4,83	16
02051250	250-270	200	5,03	16
02051269	269-289	200	5,41	16
02051273	273-293	200	5,42	16
02051282	282-302	200	5,43	16
02051295	295-315	200	5,44	16
02051299	299-320	200	5,45	16
02051315	315-335	200	5,46	16
02051322	322-344	200	5,48	16
02051337	337-358	200	5,73	16
02051347	347-367	200	5,90	16
02051365	365-385	200	5,95	16
02051382	382-402	200	6,14	16
02051396	396-420	200	6,92	16
02051410	410-430	200	6,21	16
02051420	420-440	200	6,36	16
02051435	435-455	200	6,58	16

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Universal flanged adaptor





Uses

- Universal flanged adaptor for ductile iron pipes, PVC, PVC-0, steel and fibre cement pipes.
- The EPDM joint ensures watertightness.

General features

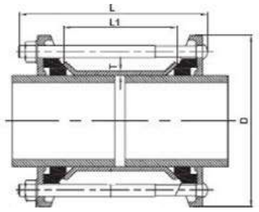
- Manufacturing range: DN50 – DN710.
- Body in Ductile Iron GJS 500-7 according to the UNE EN 1563 standard.
- Coating: Heavy duty epoxy coating (average thickness 250µ, RAL 5017) in accordance with the UNE EN 14901 standard.
- Bolt and nuts: Steel 8.8 + Dracomet coating.
- EPDM according to the EN-681-1 standard.
- Suitable for water and neutral liquids to a maximumof 70°.
- 4° degree angle deflection.
- Maximum operating pressure 16 bar.

DESCRIPTION	MATERIAL
BODY	GJS 500-7
COUNTER FLANGE	GJS 500-7
GASKET	EPDM according to EN-681
BOLT	Steel + Dracomet

PN10/16								
CODE	DN (mm)	Tolerance	D	L	L1	Bolts		
						N	Metric	Torque
01050046	50	46 - 76	165	140	90	2	M12 x 135	
01050057	50	57 - 74	165	140	90	2	M12 x 135	
01050063	65/65	63 - 85	185	140	90	4	M12 x 135	
01050084	80	84 - 106	200	140	90	4	M12 x 135	
01050107	100	107 - 133	220	140	90	4	M12 x 135	
01050133	125	132 - 159	250	140	90	4	M12 x 135	
01050157	150	157 - 184	285	140	90	4	M12 x 135	
01050184	175/200	184 - 207	340	140	90	4	M12 x 135	
01050208	200	208 - 225	340	202	140	4	M12 x 150	
01050216	200	216 - 246	340	202	140	4	M12 x 150	
01050242	250	242 - 268	400	216	155	4	M12 x 150	
01050266	250	266 - 297	400	216	155	6	M12 x 150	90 Nm
01050272	250	272 - 289	400	216	155	6	M12 x 150	
01050280	250	280 - 306	400	216	155	6	M12 x 150	
01050301	300	301 - 327	455	216	155	6	M12 x 150	
01050314	300	314 - 349	455	216	155	6	M12 x 150	
01050324	300	324 - 350	455	216	155	6	M12 x 150	
01050345	300	345 - 375	455	216	155	6	M12 x 150	
01050386	350	386 - 415	520	270	210	6	M12 x 150	
01050408	400	408 - 436	580	270	210	8	M12 x 150	
01050425	400	425 - 459	580	270	210	8	M12 x 150	
01050470	400	470 - 505	580	270	210	8	M12 x 150	
01050498	500	505 - 580	715	266	210	8	M12 x 150	
01050530	500	530 - 565	715	266	210	8	M16 x 150	

Universal coupling





Uses

- Universal Coupling for ductile iron pipes, PVC, PVC-0, steel and fibre cement pipes.
- The EPDM joint ensures watertightness.

General features

- Manufacturing range: DN50 – DN710.
- Body in Ductile Iron GJS 500-7 according to the UNE EN 1563 standard.
- Bolt and nuts: Steel 8.8 + Dracomet coating.
- EPDM according to the EN-681-1 standard.
- Suitable for water and neutral liquids to a maximum of 70°.
- 8° degree angle deflection.
- Maximum operating pressure 16 bar.

Coating

- Coating: Heavy duty epoxy coating (average thickness 250µ, RAL 5017) in accordance with the UNE-EN-14901 standard.

DESCRIPTION	MATERIAL
BODY	GJS 500-7
PRESSURE GLAND	GJS 500-7
GASKET	EPDM
BOLTS	STEEL + DRACOMET

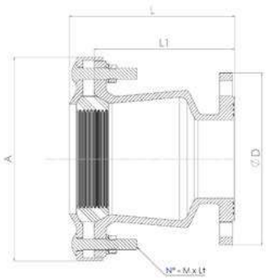
PN10/16								
CODE	DN (mm)	Tolerances	D	L	L1	Bolts		
						N	Metric	Torque
06030046	50	46 - 76	165	180	102	2	M12 x 180	
06030057	50	57 - 74	165	180	104	2	M12 x 180	
06030063	65/65	63 - 85	185	180	104	4	M12 x 180	
06030084	80	84 - 106	200	180	110	4	M12 x 180	
06030107	100	107 - 133	220	200	110	4	M12 x 200	
06030132	125	132 - 159	250	200	110	4	M12 x 200	
06030157	150	157 - 184	285	200	110	4	M12 x 200	
06030184	175/200	184 - 207	340	200	110	4	M12 x 200	
06030208	200	208 - 225	340	200	110	4	M12 x 200	
06040216	200	216 - 246	340	200	110	4	M12 x 200	90 Nm
06040242	200	242 - 268	400	220	110	4	M12 x 220	
06040250	250	250 - 267	400	220	130	6	M12 x 230	
06040266	250	266 - 297	400	230	130	6	M12 x 230	
06060280	250	280 - 306	400	230	130	6	M12 x 230	
06040301	300	301 - 327	455	230	130	6	M12 x 230	
06040314	300	314 - 349	455	230	130	6	M12 x 230	
06040324	300	324 - 350	455	230	130	6	M12 x 230	
06000345	300	345 - 375	455	230	130	6	M12 x 230	
06020386	350	386 - 415	520	250	130	8	M16 x 250	
06080408	400	408 - 436	580	250	130	8	M16 x 250	
06080425	400	425 - 459	580	250	130	8	M16 x 250	
06080470	400	470 - 505	580	250	130	8	M16 x 250	180 Nm
06080530	500	530 - 565	715	250	130	8	M16 x 250	

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Universal Multirange Flange Adaptor





Applications

- Universal multi-range flange adaptor for a wide range of pipes: grey cast iron, ductile iron, PVC, PVC-O, steel, fiber-cement.
- The wide, multi-ribbed EPDM gasket ensures the system's sealing integrity and optimal grip on the pipe being connected.

General features

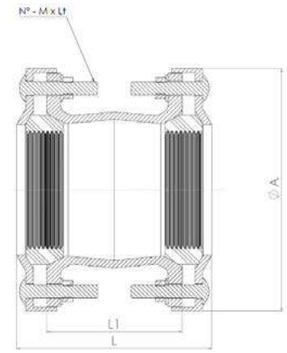
- Manufacturing Range: DN200 to DN600.
- Body: Ductile iron EN-GJS-500-7 according to UNE-EN 1563.
- Coating: high-resistance epoxy in accordance with UNE-EN-14901 (Average thickness 250 µm, RAL 5017).
- Gasket: EPDM according to standard EN681-1.
- Screws, nuts and washers: Grade 8.8 steel with Geomet coating.
- Recommended for water and neutral liquids up to a maximum of 70°C.
- Angular deviation of 5 degrees.
- Maximum working pressure 16 bar (valid for PN10/16).

DESCRIPTION	MATERIAL
BODY	GJS 500-7
GLAND	GJS 500-7
GASKET	EPDM according to EN-681
SCREWS	Steel + Geomet

PN10/16								
CODE	DN (mm)	Range	ØD	ØA	L	L1	Screws	
							N	Metric
01052215	200	215-258	340	400	270	190	6	M14 x 100
01052270	250	270-310	405	455	285	205	6	M16 x 100
01052310	300	310-350	460	495	285	205	6	M16 x 100
01052350	350	350-390	520	535	285	205	6	M16 x 100
01052395	350	395-435	520	580	315	235	6	M16 x 100
01052435	400	435-470	580	615	325	245	6	M16 x 100
01052470	400	470-505	580	650	335	255	6	M16 x 100
01052505	500	505-540	715	685	245	165	10	M16 x 100
01052540	500	540-575	715	720	320	240	10	M16 x 100
01052610	600	610-645	840	790	245	165	10	M16 x 100
01052645	600	645-680	840	825	325	245	10	M16 x 100

Universal Multirange Adaptor





Applications

- Universal multi-diameter adaptor for a wide range of pipes: grey cast iron, ductile iron, PVC, PVC-O, steel, fiber-cement.
- The wide, multi-ribbed EPDM gasket ensures the system's sealing integrity and optimal grip on the pipe being connected.

General features

- Manufacturing Range: DN60/65 to DN800.
- Body: Ductile iron EN-GJS-500-7 according to UNE-EN 1563
- Coating: high-resistance epoxy in accordance with UNE-EN-14901
- (Average thickness 250 µm, RAL 5017).
- Gasket: EPDM according to standard EN681-1.
- Screws, nuts and washers: Grade 8.8 steel with Geomet coating.
- Recommended for water and neutral liquids up to a maximum of 70°C.
- Angular deviation of 8 degrees.
- Maximum working pressure 16 bar (valid for PN10/16).

DESCRIPTION	MATERIAL
BODY	GJS 500-7
GLAND	GJS 500-7
GASKET	EPDM according to EN-681
SCREWS	Steel + Geomet

PN10/16							
CÓDIGO	DN (mm)	Range	D	L	L1	Screws	
						N	Metric
06032060	60/65	60-95	235	235	145	4	M14 x 80
06032080	80	80-115	260	235	145	4	M14 x 80
06032105	100	105-135	280	235	145	4	M14 x 80
06032130	125	130-165	310	235	180	4	M14 x 100
06032155	150	155-195	340	290	180	4	M14 x 100
06032190	175	190-230	375	290	180	4	M14 x 100
06032215	200	215-258	400	290	180	6	M14 x 100
06032240	225	240-280	425	290	200	6	M16 x 100
06032235	250	235-275	420	310	200	6	M16 x 100
06032270	250	270-310	455	310	200	6	M16 x 100
06032310	300	310-350	495	310	200	6	M16 x 100
06032350	300	350-390	535	310	200	6	M16 x 100
06032395	350	395-435	580	310	200	6	M16 x 100
06032435	400	435-470	615	310	200	6	M16 x 100
06032470	400	470-505	650	310	200	6	M16 x 100
06032505	500	505-540	685	310	200	10	M16 x 100
06032540	500	540-575	720	320	200	10	M16 x 100
06032575	500	575-610	755	320	200	10	M16 x 100
06032610	600	610-645	790	320	200	10	M16 x 100
06032645	600	645-680	825	320	200	10	M16 x 100
06032680	600	680-715	860	320	200	10	M16 x 100
06032710	700	710-475	890	320	200	12	M16 x 100

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flanged adaptor

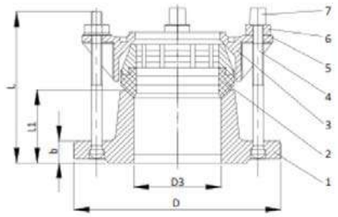


Uses

- Joint with a restrained and resistant brass ring for PVC and PE pipes.
- For use with water and neutral liquids.

General features

- Manufacturing range: DN50 – DN800.
- Body in Ductile Iron GJS 500-7 according to the UNE EN 1563 standard.
- EPDM according to the EN-681-1 standard.
- Hydraulic testing in accordance with the EN 14525 and EN 12842 standards.
- Angular deviation +/- 3 degrees.
- Operating pressure – 16 bar



Coating

- Coating: heavy duty epoxy coating (average thickness 250µ, RAL 5017) in accordance with the UNE-EN-14901 standard

DESCRIPTION	MATERIAL
BODY	GJS 500-7
GASKET	EPDM according to EN-681
GLAND	GJS 500-7
SCREW	A2-70
WASHER	A2-70
NUT	A2-70
RESTRAINED RING	Machined brass

CODE	DN (mm)	OD (mm)	D3 (mm)	D (mm)	L	L1	n-M (mm)	kg
01051050	50	63	78	180	165	110	M12X40	3,8
01051065	65	75	92	180	185	110	M12X40	3,8
01051080	80	90	105	180	200	110	M12X40	4,2
01051100	100	110	126	200	220	110	M10X40	5,1
01051125	125	125	135	220	250	120	M12X40	6,1
01051126	125	140	140	220	250	120	M12X40	6,4
01051150	150	160	177	285	285	120	M12X40	7,2
01051200	200	200	217	340	340	130	M14X40	9,4
01051250	250	250	268	400	400	140	M16X60	16,8
01051315	300	315	334	455	455	150	M16X60	21,8
01051400	400	400	427	565	515	285	M16X80	38,5
01051500	500	500	534	670	585	285	M16X80	60,4
01051600	600	630	662	780	600	285	M16X80	74
01051700	700	710	715	905	240	130	M16X80	91
01051800	800	800	810	1025	185	130	M16X80	136

Restrained coupling

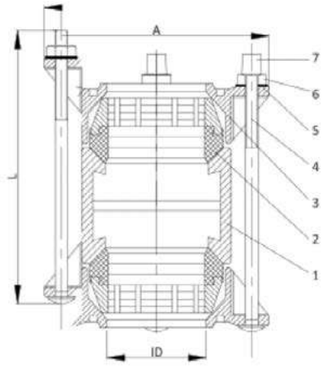


Uses

- Joint with a restrained and resistant brass ring for PVC and PE pipes.
- For use with water and neutral liquids.

General features

- Manufacturing range: DN50 – DN315.
- Body in Ductile Iron GJS 500-7 according to the UNE EN 1563 standard.
- EPDM according to the EN-681-1 standard
- Hydraulic testing in accordance with the EN 14525 and EN 12842 standards.
- Angular distortion +/- 3 degrees.
- Operating pressure – 16 bar.



Coating

- Heavy duty epoxy coating (average thickness 250µ, RAL 5017) in accordance with the UNE-EN-14901 standard.

DESCRIPCIÓN	MATERIAL
BODY	GJS 500-7
GASKET	EPDM according to EN-681
GLAND	GJS 500-7
SCREW	GRADE 8.8 STEEL SCREWS WITH DRACOMET COATING AND PROTECTION WITH RUBBER CAPS
WASHER	GRADE 8.8 STEEL SCREWS WITH DRACOMET COATING AND PROTECTION WITH RUBBER CAPS
NUT	GRADE 8.8 STEEL SCREWS WITH DRACOMET COATING AND PROTECTION WITH RUBBER CAPS
RESTRAINED RING	MACHINED BRASS

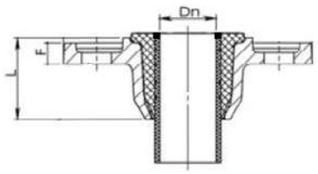
CODE	ON (mm)	A (mm)	ID (mm)	L (mm)	n-M (mm)
06032063	63	165	67	180	M12x4
06032075	75	177	80	180	M12x4
06032090	90	193	95	180	M12x4
06032110	110	214	115	190	M12x4
06032125	125	240	130	190	M12x4
06032140	140	250	188	190	M12x4
06032160	160	272	165	190	M12x4
06032200	200	314	205	210	M12x4
06032250	250	365	255	240	M16x6

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Quick adaptor for PE and PVC





Uses

- Joint with a restrained and resistant brass ring for PVC, PVC-O and PE pipes.
- For use with water and neutral liquids.

General features

- Manufacturing range: DN50 – DN400.
- Body in Ductile Iron GJS 500-7 according to the UNE EN 1563 standard.
- Flange size according to the EN-1092-2 standard.
- EPDM according to the EN-681-1 standard.
- Hydraulic testing in accordance with the EN 12842 standard.

Coating

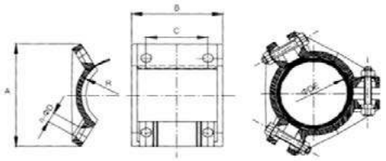
- Heavy duty epoxy coating (average thickness 250µ, RAL 5017) in accordance with the UNE-EN-14901 standard.

DESCRIPTION	MATERIAL
BODY	GJS 500-7
GASKET	EPDM
BRASS COMPRESSION RING	BRASS

CODE	DN	L	F	Bolts	
				PN10	PN16
01010063	63	50	20	4 x M16	4 x M16
01010075	75	55	20	4 x M16	4 x M16
01010090	90	61	20	8 x M16	8 x M16
01010110	110	67	20	8 x M16	8 x M16
01010125	125	70	20	8 x M16	8 x M16
01010140	140	70	20	8 x M16	8 x M16
01010160	160	80	21	8 x M20	8 x M20
01010200	200	90	21	8 x M20	12 x M20
01010250	250	95	23	12 x M20	12 x M24
01010315	315	110	26	12 x M20	12 x M24
01010400	400	130	27	16 x M24	16 x M27

3 pieces repair collar





Uses

- Saddle Repair Clamp pipes for drinking water and treated waste water.
- The CONDOR clamp is easy to assemble.
- The certified EPDM seal guarantees watertightness.
- The nuts embedded in the body prevent swivelling when the screws are turned.

General features

- Ductile iron body (GJS 500-7).
- Desing under the UNE-EN 1563 standard.
- EPDM in compliance with the EN681-1 standard.

Coating

- Heavy duty epoxy coating (average thickness 250µ, RAL 5017) in accordance with the UNE-EN-14901 standard.

Operating conditions

- Operating pressure – 16 bar.
- Suitable for water and neutral liquids to a maximum of 50°C.

DESCRIPTION	MATERIAL
BODY	DUCTILE IRON EN-GJS 500-7
JOINT	EPDM
BOLT AND NUTS	STEEL 8.8

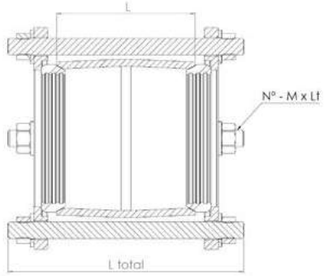
CODE	DN	Range	B	C	N° Bolts	Weight
02040080	80	84-109	150	75	6	8,7
02040100	100	108-125	155	90	6	11
02040125	125	135-160	182	125	6	14,3
02040150	150	159-184	211	125	6	16,8
02040200	200	211-238	252	165	6	25
02040250	250	260-288	352	250	6	36
02040300	300	310-340	422	310	12	56
02040400	400	410-460	422	310	12	82

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Gibault joint in ductile iron





Uses

- Repair and coupling for PVC and PVC-O pipes.

General features

- Manufacture range: from DN63 to DN500.
- EPDM gasket according to 681-1 standard.

Coating

- Heavy duty epoxy coating (average thickness 250µ, RAL 5017) in accordance with the UNE-EN-14901 standard.

Operating Conditions

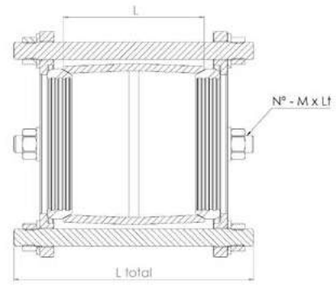
- Operating pressure PN10/16.
- Suitable for water and neutral liquids to a maximum of 50°C.

DESCRIPTION	MATERIAL
BODY	EN GJS 500 7
GLAND	EN GJS 500 7
GASKET	EPDM
SCREW	GRADE 8.8 GALVANIZED CARBON STEEL
NUT AND WASHER	GRADE 8.8 GALVANIZED CARBON STEEL

CODE	DN	L	N° Bolt	Metric	kg
06010063	DN63	85	2	M12x145	1,72
06010075	DN75	85	2	M12x160	2,13
06010090	DN90	100	2	M12x160	2,64
06010110	DN110	100	3	M12x160	3,65
06010125	DN125	100	3	M12x160	3,88
06010140	DN140	116	3	M12x200	5,05
06010160	DN160	130	4	M12x210	6,52
06010200	DN200	140	4	M12x210	8,41
06010250	DN250	140	6	M12x210	12,35
06010315	DN315	140	6	M12x210	14,62
06010400	DN400	150	8	M12x230	18,76
06010500	DN500	150	10	M12x230	24,68

Gibault joint





Uses

- Repair and coupling for PVC and PCV-O pipes.

Coating

- Black bitumen.

General features

- Manufacturing range: DN50 – DN500.
- EPDM gasket compliant with EN 681-1

Operating Conditions

- Operating temperature: 40°C
- Pressure ratings: PN10/16

DESCRIPCIÓN	MATERIAL
BODY	GJL 250
GLAND	GJL 250
GASKET	EPDM
SCREW	GRADE 8.8 GALVANIZED CARBON STEEL
NUT AND WASHER	GRADE 8.8 GALVANIZED CARBON STEEL

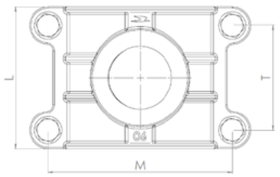
DN	OD (mm)	L (mm)	Bolts		kg
			N	Metric	
63	66,0	125	2	M10 x 160	2,01
75	78,5	125	2	M10 x 160	2,25
90	94,5	128	2	M10 x 180	2,81
110	115,0	134	3	M10 x 180	4,08
125	129,5	135	3	M12 x 190	4,74
140	143,5	135	3	M12 x 190	5,15
160	164,5	156	3	M12 x 190	6,03
180	184,5	160	3	M12 x 210	9,02
200	203,5	154	3	M12 x 210	10,04
250	255,0	181	4	M14 x 240	16,3
315	321,0	181	4	M14 x 240	20,92
400	406,0	183	6	M14 x 240	26,36
500	507,0	193	6	M14 x 240	40,34

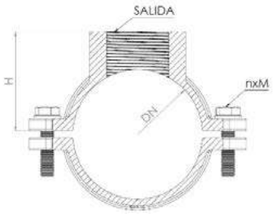
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Ductile iron intake saddles for PVC/PE pipes







Uses

- Intake saddles for PE and PVC pipes suitable for drinking water, wasted water and other fluids.
- The CONDOR clamp is easy to assemble.
- The certified EPDM seal guarantees watertightness.
- The depth of the BSP thread means that there are no threads exposed once mounted on a brass part, or similar.
- The thread form the blind part make a faster ans easy coupling.

General features

- Ductile iron body (GJS-500/7).
- Short BSP thread, with no threads exposed to the medium.
- EPDM rubber seal, certified for drinking water.
- A2 stainless steel screws.
- The holes for the screws are completely coated in epoxy to protect them from corrosion.

Coating

- The coating complies with the requirements of EN 14901-1.

Operating Conditions

- Nominal pressure: PN16 and tested in accordance with EN 545 and EN 12842 standards.
- Test Pressure: In accordance with UNE-EN 545 requirements to ensure the integrity and safety of the pipeline system.

DESCRIPCIÓN	MATERIAL
BODY	EN-GJS-500-7
JOINT	EPDM EN-681
BOLT	STAINLESS STEEL A2
WASHER	STAINLESS STEEL A2

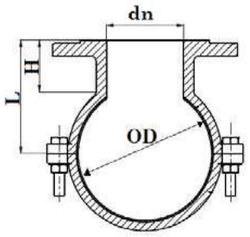
02003050	50	3/4"	66	92	59	90	4	8
02004050	50	1"	66	92	59	90	4	8
02003063	63	3/4"	74	106	59	100	4	8
02004063	63	1"	74	106	59	100	4	8
02005063	63	11/4"	74	106	59	100	4	8
02006063	63	1 1/2"	74	106	59	100	4	8
02003075	75	3/4"	74	117	66	100	4	8
02004075	75	1"	74	117	66	100	4	8
02005075	75	11/4"	74	117	66	100	4	8
02006075	75	1 1/2"	74	117	66	100	4	8
02007075	75	2"	74	117	66	100	4	8
02003090	90	3/4"	76	134	64	100	4	8
02004090	90	1"	76	134	64	100	4	8
02005090	90	11/4"	76	134	64	100	4	8
02006090	90	1 1/2"	76	134	64	100	4	8
02007090	90	2"	76	134	64	100	4	8
02003110	110	3/4"	78	155	73	105	4	10
02004110	110	1"	78	155	73	105	4	10
02005110	110	11/4"	78	155	73	105	4	10
02006110	110	1 1/2"	78	155	73	105	4	10
02007110	110	2"	78	155	73	105	4	10
02003125	125	3/4"	97	175	82	125	4	12
02004125	125	1"	97	175	82	125	4	12
02005125	125	11/4"	97	175	82	125	4	12
02006125	125	1 1/2"	97	175	82	125	4	12
02007125	125	2"	97	175	82	125	4	12
02004140	140	3/4"	100	197	89	130	4	12
02004140	140	1"	100	197	89	130	4	12
02005140	140	11/4"	100	197	89	130	4	12
02006140	140	1 1/2"	100	197	89	130	4	12
02007140	140	2"	100	197	89	130	4	12
02008140	140	2 1/2"	100	197	89	130	4	12
02009140	140	3"	100	197	89	130	4	12
02003160	160	3/4"	102	218	100	130	4	12
02004160	160	1"	102	218	100	130	4	12
02005160	160	11/4"	102	218	100	130	4	12
02006160	160	1 1/2"	102	218	100	130	4	12
02007160	160	2"	102	218	100	130	4	12
02008160	160	2 1/2"	102	218	100	130	4	12
02009160	160	3"	102	218	100	130	4	12
02004200	200	1"	129	264	125	160	4	12
02005200	200	11/4"	129	264	125	160	4	12
02006200	200	1 1/2"	129	264	125	160	4	12
02007200	200	2"	129	264	125	160	4	12
02008200	200	2 1/2"	129	264	125	160	4	12
02009200	200	3"	129	264	125	160	4	12
02004250	250	1"	126	322	154	160	6	12
02005250	250	11/4"	126	322	154	160	6	12
02006250	250	1 1/2"	126	322	154	160	6	12
02007250	250	2"	126	322	154	160	6	12
02008250	250	2 1/2"	126	322	154	160	6	12
02009250	250	3"	126	322	154	160	6	12
02004315	315	1"	146	388	191	180	6	12
02005315	315	11/4"	146	388	191	180	6	12
02006315	315	1 1/2"	146	388	191	180	6	12
02007315	315	2"	146	388	191	180	6	12
02008315	315	2 1/2"	146	388	191	180	6	12
02009315	315	3"	146	388	191	180	6	12

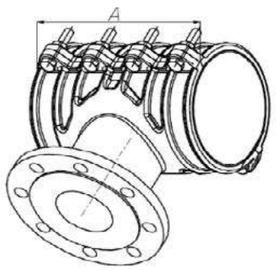
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Flanged saddles for PVC/PE pipes







Uses

- The flange outlet collar is specifically designed for use on PVC and PE pipes with a flange outlet for flanged joints.
- The certified EPDM seal guarantees watertightness.
- The nuts embedded in the body prevent swivelling when the screws are turned.

General features

- Ductile iron body (GJS-500/7) coated with epoxy according to the UNE EN 14901 standard.
- Compatible with ductile iron fittings according to UNE EN 545, UNE EN 12842 and flanges according to UNE EN 1092-2.
- Certified EPDM rubber sealing gasket for drinking water.
- A2-70 stainless steel grade screws.
- A2-70 stainless steel grade with teflon coated.
- The holes for the screws are completely coated in epoxy to protect them from corrosion.

Coating

- According to EN 14901 standard.

Operating conditions

- Nominal pressure (PN): PN10/16 (10/16 bar)
- Test pressure: according to EN 545 and EN 12842 standards to assure the integrity and safety.

Temperature

- Working range temperature: 0°C a +50°C.
- Maximun temperature: +70°C for short-term applications.

DESCRIPTION	MATERIAL
BODY	EN-GJS-500-7
GASKET	EPDM according to EN-681
BOLTS	A2-70 stainless steel
NUTS	A2-70 stainless steel with teflon coat

2069065	90	65	180	145	100	6	M10x65	70
2069080	90	80	180	145	100	6	M10x65	70
2061150	110	50	200	160	100	6	M10x65	70
2061165	110	65	200	160	100	6	M10x65	70
2061180	110	80	200	160	100	6	M12x80	70
2061110	110	100	200	160	100	6	M12x80	70
2061250	125	50	200	180	120	6	M12x80	70
2061265	125	65	200	180	120	6	M12x80	70
2061280	125	80	200	180	120	6	M12x80	70
2061210	125	100	200	180	120	6	M12x80	70
2061450	140	50	200	180	110	6	M12x80	70
2061465	140	65	200	180	110	6	M12x80	70
2061480	140	80	200	180	110	6	M12x80	70
2061650	160	50	250	170	90	6	M12x80	70
2061665	160	65	250	170	90	6	M12x80	70
2061680	160	80	250	190	110	6	M12x80	70
2061610	160	100	250	200	120	6	M12x80	70
2061850	180	50	250	210	120	6	M12x80	70
2061865	180	65	250	210	120	6	M12x80	70
2061810	180	100	250	210	130	6	M12x80	70
2062050	200	50	250	215	115	6	M12x80	70
2062065	200	65	250	215	115	6	M12x80	70
2062080	200	80	250	225	125	6	M12x80	70
2062010	200	100	250	230	130	6	M12x80	70
2062015	200	150	250	230	130	6	M12x80	70
2062250	225	50	250	230	120	6	M12x80	80
2062280	225	80	250	235	125	6	M12x80	80
2062210	225	100	250	235	125	6	M12x80	80
2062215	225	150	250	235	125	6	M12x80	80
2062550	250	50	300	230	105	8	M12x80	80
2062565	250	65	300	230	105	8	M12x80	80
2062580	250	80	300	240	115	8	M12x80	80
2062510	250	100	300	250	125	8	M12x80	80
2062515	250	150	300	250	125	8	M12x80	80
2062850	280	50	300	255	115	8	M12x80	80
2062880	280	80	300	255	115	8	M12x80	80
2062810	280	100	300	260	120	8	M12x80	80
2062815	280	150	300	265	130	8	M12x80	80
2063150	315	50	300	300	125	8	M12x80	80
2063165	315	65	300	300	125	8	M12x80	80
2063180	315	80	300	305	130	8	M12x80	80
2063110	315	100	300	310	135	8	M12x80	80
2063115	315	150	300	320	140	8	M12x80	80
2063120	315	200	300	320	140	8	M12x80	80
2063125	315	250	325	320	140	8	M12x80	80
2063550	355	50	300	300	125	8	M12x80	80
2063580	355	80	300	305	130	8	M12x80	80
2063510	355	100	300	310	135	8	M12x80	80
2063512	355	125	300	320	140	8	M12x80	80
2063515	355	150	300	330	140	8	M12x80	80
2063520	355	200	300	330	145	8	M12x80	80
2064050	400	50	300	365	160	8	M12x80	90
2064080	400	80	300	365	160	8	M12x80	90
2064010	400	100	300	365	160	8	M12x80	90
2064015	400	150	300	365	160	8	M12x80	90
2064020	400	200	300	365	160	8	M12x80	90
2064025	400	250	300	365	160	8	M12x80	90
2064510	450	100	300	390	155	8	M12x80	90
2065080	500	80	300	405	150	8	M12x80	90
2065010	500	100	300	405	150	8	M12x80	90
2065015	500	150	300	405	150	8	M12x80	90
2065020	500	200	300	415	160	8	M12x80	90
2065025	500	250	300	420	160	8	M12x80	90

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Clamp saddle for PVC pipes



Uses

- Clamp saddles for PVC pipes.
- The CONDOR clamp is easy to assemble.
- The depth of the BSP thread means that there are no threads exposed once mounted on a brass part, or similar.

General features

- Grey iron body (GGG-25).
- Short BSP thread, with no threads exposed to the medium.
- A2 stainless steel or 8.8 steel screws.

Operating Conditions

- Nominal pressure (PN): PN 16 (16 bar).

DESCRIPTION	MATERIAL
BODY	CAST IRON
JOINT	EPDM
BOLT	ZINC PLATED STEEL- A2 70

BOLT	CODE A2 70	DN	INTAKE	METRIC
02013040	02113040	40	3/4	2 – M10 x 50
02013050	02113050	50	3/4	2 – M10 x 50
02014050	02114050	50	1"	2 – M10 x 50
02013063	02113063	63	3/4	2 – M10 x 50
02014063	02114063	63	1"	2 – M10 x 50
02015063	02115063	63	1" 1/4	2 – M10 x 50
02013075	02113075	75	3/4	2 – M10 x 50
02014075	02114075	75	1"	2 – M10 x 50
02015075	02115075	75	1" 1/4	2 – M10 x 50
02013090	02113090	90	3/4	2 – M10 x 50
02014090	02114090	90	1"	2 – M10 x 50
02015090	02115090	90	1" 1/4	2 – M10 x 60
02016090	02116090	90	1" 1/2	2 – M10 x 60
02017090	02117090	90	2"	2 – M10 x 60
02013110	02113110	110	3/4	2 – M10 x 60
02014110	02114110	110	1"	2 – M10 x 60
02015110	02115110	110	1" 1/4	2 – M10 x 60
02016110	02116110	110	1" 1/2	2 – M10 x 60
02017110	02117110	110	2"	2 – M10 x 60
02018110	02118110	110	2" 1/2	2 – M10 x 60
02013125	02113125	125	3/4	2 – M10 x 60
02014125	02114125	125	1"	2 – M10 x 60
02015125	02115125	125	1" 1/4	2 – M10 x 60
02016125	02116125	125	1" 1/2	2 – M10 x 60
02017125	02117125	125	2"	2 – M10 x 60
02018125	02118125	125	2" 1/2	2 – M10 x 60
02019125	02119125	125	3"	2 – M10 x 60
02014140	02114140	140	1"	2 – M10 x 60
02015140	02115140	140	1" 1/4	2 – M10 x 60
02016140	02116140	140	1" 1/2	2 – M10 x 60
02017140	02117140	140	2"	2 – M10 x 60
02018140	02118140	140	2" 1/2	2 – M10 x 60
02019140	02119140	140	3"	2 – M10 x 60
02013160	02113160	160	3/4	2 – M10 x 70
02014160	02114160	160	1"	2 – M10 x 70
02015160	02115160	160	1" 1/4	2 – M10 x 70
02016160	02116160	160	1" 1/2	2 – M10 x 70
02017160	02117160	160	2"	2 – M10 x 70
02018160	02118160	160	2" 1/2	2 – M10 x 70
02019160	02119160	160	3"	2 – M10 x 70
02014200	02114200	200	1"	2 – M10 x 70
02015200	02115200	200	1" 1/4	2 – M10 x 70
02016200	02116200	200	1" 1/2	2 – M10 x 70
02017200	02117200	200	2"	2 – M10 x 70
02018200	02118200	200	2" 1/2	2 – M10 x 70
02019200	02119200	200	3"	2 – M10 x 70
02017250	02117250	250	2"	2 – M10 x 70
02018250	02118250	250	2" 1/2	2 – M10 x 70
02019250	02119250	250	3"	2 – M10 x 70
02017315	02117315	315	2"	2 – M10 x 70
02018315	02118315	315	2" 1/2	2 – M10 x 70
02019315	02119315	315	3"	2 – M10 x 70

DUCTILE IRON SADDLE

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