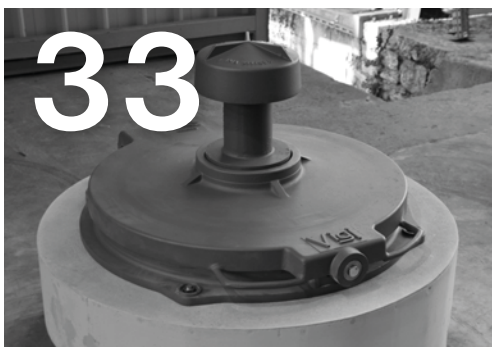
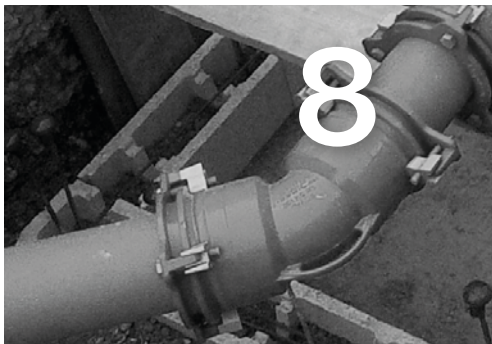


2024 CATALOG



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DRINKING WATER SUPPLY

Soval supplies all the components needed to deliver drinking water, using ACS-certified equipment that lasts over time.

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> Made in France

Our ranges of drinking water supply products are exclusively **designed and produced in France** at the “Fonderies de Brousseval et Montreuil” (F-52).



> Reinforced epoxy coating

All our fittings are coated in our workshops with a food-grade **RAL 5005 epoxy paint**. With a **reinforced thickness of 250 microns** and **ACS approval**, our products meet the requirements of **EN-545 standard**.



FIGURES



10 000
References
in stock

> Assembly of the flanges

The movable flange segments of our fittings are assembled using **steel rings for greater resilience**.

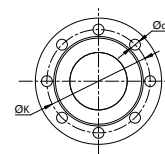


18
agencies

External pipe diameters all materials

DN	STEEL	CAST IRON		PLASTIC				FIBRE CEMENT	VITRIFIED CLAY
		Grey	Ductile (GS)	PVC	Bi-oriented PVC	PE	GRP		
20	26,9			20		20			
25	33,7			25		25			
32	42,4	49		32		32			
40	48,3	60	57	40		40			
50	60,3	70/74	66	50 ou 63		50/63			
60/65	76,1	84	77	63 ou 75		63/75	80/86		
80	88,9	104	98	90	90	90	88,9/106		
100	114,3	125/135	118	110	110	110	112/130	131	
125	133/139,7	152/165	144	125 ou 140	140	125/140	132/161	159	
150	159/168,3	178/190	170	160 ou 180	160	160/180	166/192	186	
175	193,7	201	196	180		180	207/225		
200	219,1	229/240	222	200 ou 225	200	200/225	218/238	242/254	
250	273	281	274	250 ou 280	250	250/280	272/292	299/318	
300	323,9	331	326	315	315	315	315/324	326/350	
350	355,6		378	355		355	376	378/410	
400	406,4		429	400		400	427	436/468	
450	457		480	450		450		486/526	
500	508		532	500		500	530	540/584	
600	610		635	630		630	618	648/668	

When using multi-material fittings as SOUPLESSUR or large tolerance type, measure the diameters of the pipes to be connected precisely. These instructions apply in particular to vitrified clay pipes.



Drilling template for standard flanges

DN	PN 10				PN 16				PN 25				PN 40			
	Drilling axis		Holes		Drilling axis		Holes		Drilling axis		Holes		Drilling axis		Holes	
	K	nr	Ø d	Ø	Ø K	nr	Ø d	Ø	Ø K	nr	Ø d	Ø	Ø K	nr	Ø d	Ø
40	110	4	19	M16	110	4	19	M16	110	4	19	M16	110	4	19	M16
50	125	4	19	M16	125	4	19	M16	125	4	19	M16	125	4	19	M16
60	135	4	19	M16	135	4	19	M16	135	8	19	M16	135	8	19	M16
65	145	4	19	M16	145	4	19	M16	145	8	19	M16	145	8	19	M16
80	160	8*	19	M16	160	8	19	M16	160	8	19	M16	160	8	19	M16
100	180	8	19	M16	180	8	19	M16	190	8	23	M20	190	8	23	M20
125	210	8	19	M16	210	8	19	M16	220	8	28	M24	220	8	28	M24
150	240	8	23	M20	240	8	23	M20	250	8	28	M24	250	8	28	M24
175	270	8	23	M20												
200	295	8	23	M20	295	12	23	M20	310	12	28	M24	320	12	31	M27
250	350	12	23	M20	355	12	28	M24	370	12	31	M27	385	12	34	M30
300	400	12	23	M20	410	12	28	M24	430	16	31	M27	450	16	34	M30
350	460	16	23	M20	470	16	28	M24	490	16	34	M30	510	16	37	M33
400	515	16	28	M24	525	16	31	M27	550	16	37	M33	585	16	40	M36
450	565	20	28	M24	585	20	34	M27	660	20	37	M33				
500	620	20	28	M24	650	20	34	M30	770	20	40	M33	670	20	43	M39
600	725	20	31	M27	770	20	37	M33	875	24	43	M36	795	20	49	M45
700	840	24	31	M27	840	24	37	M33								

SOUPLESSUR-T Tyton

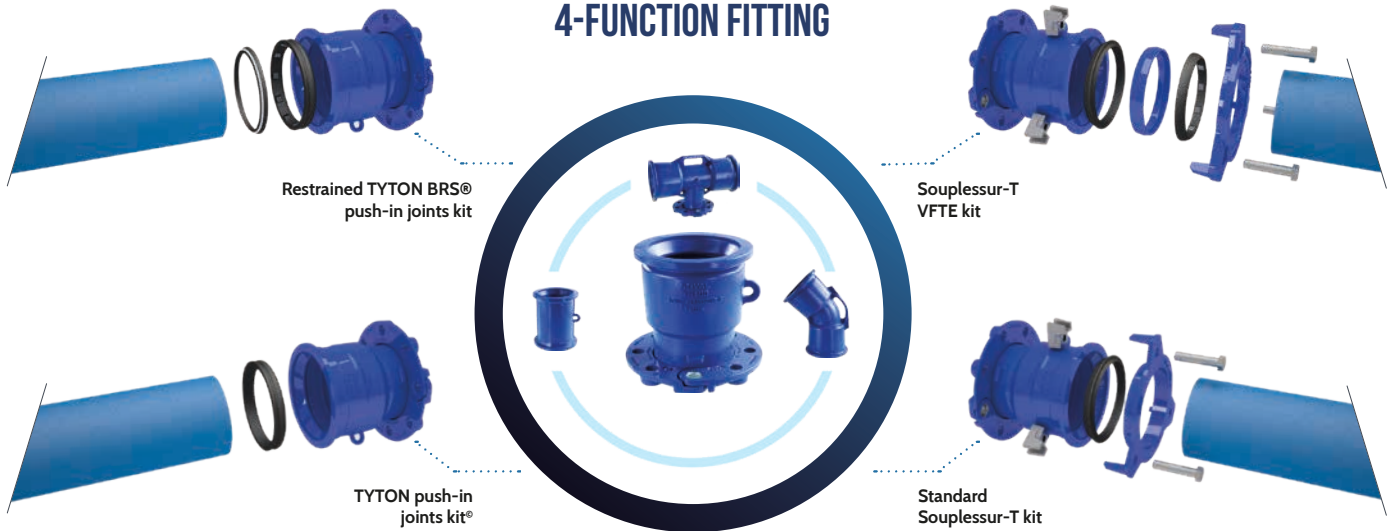
AUTOMATIC JOINT FITTING

PN10 - PN16 - PN25

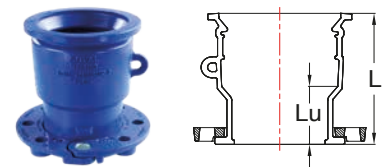
MECHANICAL JOINT FITTING

PN10 - PN16

4-FUNCTION FITTING



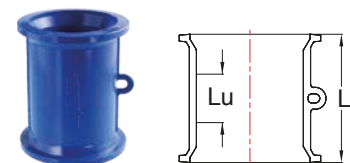
SOUPLESSUR-T Flanged socket



DN	Ref.	Working pressure	Range	L	Lu	kg	Price €
100	24843	PN 10 - PN 16	115 - 119	203	90	8,02	167,40
100	29950	PN 25	115 - 119	203	90	9,26	174,10
125	29617	PN 10 - PN 16	141 - 145	219	100	11,58	213,00
125	40199	PN 25	141 - 145	219	100	15,78	214,55
150	24844	PN 10 - PN 16	167 - 171	226	100	13,52	242,75
150	40747	PN 25	167 - 171	226	100	15,34	260,55
200	24845	PN 10	219 - 223	225	100	19,48	309,65
200	27338	PN 16	219 - 223	225	100	19,90	328,95
200	40749	PN 25	219 - 223	225	100	21,42	346,50
250	35951	PN 10	271 - 275	242	105	32,10	456,35
250	40496	PN 16	271 - 275	242	105	32,88	488,00
250	40751	PN 25	271 - 275	242	105	34,80	462,90
300	35952	PN 10	323 - 327	253	110	40,30	581,45
300	43821	PN 16	323 - 327	253	110	40,30	593,80

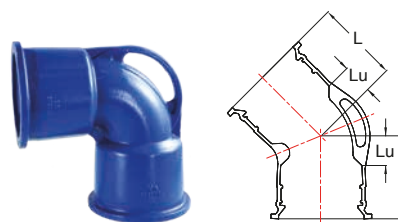
SOUPLESSUR-T Coupling

Tolerance adapted to all kind of cast iron with Soupllessur-T kit.
Mechanical joint fitting only.



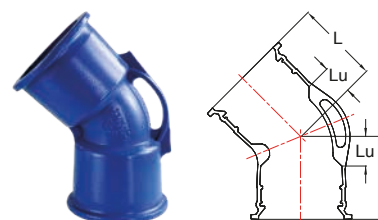
DN	Ref.	Range	L	Lu	kg	Price €
100	25788	115 - 126	218	170	7,20	183,90
125	29626	141 - 152	210	165	7,40	221,45
150	25774	167 - 178	212	160	8,80	292,80
200	25803	219 - 229	216	160	13,15	334,70
250	35964	271 - 282	400	336	32,00	470,70
300	35965	323 - 335	400	336	38,00	569,75

SOUPLESSUR-T 90° double socket bend



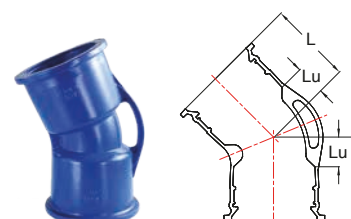
DN	Ref.	Range	L	Lu	kg	Price €
100	25789	115 - 119	213	100	11,00	225,80
125	29618	141 - 145	234	115	16,30	251,10
150	25777	167 - 171	259	135	20,00	368,45
200	25800	219 - 223	290	165	28,50	468,45

SOUPLESSUR-T 45° double socket bend



DN	Ref.	Range	L	Lu	kg	Price €
100	24840	115 - 119	168	55	10,50	225,80
125	29619	141 - 145	184	65	14,50	251,10
150	24841	167 - 171	196	70	16,00	368,45
200	24842	219 - 223	200	75	24,00	468,45
250	35945	271 - 275	257	120	49,50	631,60
300	35946	323 - 327	283	140	64,30	813,80

SOUPLESSUR-T 22°30' double socket bend



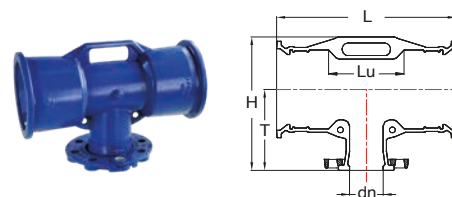
DN	Ref.	Range	L	Lu	kg	Price €
100	25790	115 - 119	153	40	10,00	225,80
125	29620	141 - 145	174	55	14,00	251,10
150	25776	167 - 171	174	50	16,00	368,45
200	25801	219 - 223	180	55	21,80	468,45
250	35947	271 - 275	207	70	42,50	542,90
300	35948	323 - 327	223	80	54,30	702,20

SOUPLESSUR-T 11°15' double socket bend



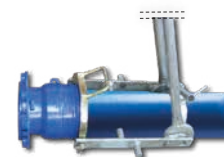
DN	Ref.	Range	L	Lu	kg	Price €
100	25791	115 - 119	148	35	9,30	225,80
125	29621	141 - 145	159	40	13,00	251,10
150	25775	167 - 171	169	45	16,00	368,45
200	25802	219 - 223	170	45	21,10	468,45
250	35949	271 - 275	257	120	40,20	489,00
300	35950	323 - 327	283	140	50,80	680,80

SOUPLESSUR-T Double socket Tee with loose flange branch



DN	dn	Ref.	Range	L	Lu	T	H	kg	Price €
100	60	25792	115 - 119	381	155	165	266	12,00	234,35
100	80	25793	115 - 119	391	165	170	271	13,00	234,35
100	100	25794	115 - 119	421	195	180	281	17,00	234,35
125	60	29622	141 - 145	398	160	180	295	17,00	299,35
125	80	29623	141 - 145	413	175	185	300	18,00	299,35
125	100	29624	141 - 145	433	195	195	310	19,00	299,35
125	125	29625	141 - 145	463	225	200	315	20,60	299,35
150	60	25778	167 - 171	408	160	190	330	20,38	360,05
150	80	25779	167 - 171	428	180	200	330	21,66	360,05
150	100	25780	167 - 171	448	200	205	335	22,82	360,05
150	125	25781	167 - 171	478	230	215	345	25,58	360,05
150	150	25782	167 - 171	508	260	220	351	28,82	360,05
200	60	25795	219 - 223	430	180	215	371	27,58	493,15
200	80	25796	219 - 223	430	180	225	381	28,96	493,15
200	100	25797	219 - 223	450	200	230	386	30,02	493,15
200	150	25798	219 - 223	510	260	245	401	37,12	493,15
200	200	25799	219 - 223	570	320	260	416	41,00	493,15

SOUPLESSUR-T Connection kit



DN	Ref.	kg	Price €
100	27022	25,37	3548,55
125	29614	26,25	3941,15
150	26985	27,25	3942,70
200	27023	29,84	4111,75
250	35974	35,00	5736,00
300	35975	45,00	6840,00

TYTON push-in joints Control kit



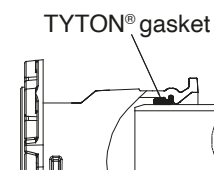
Ref.	Price €
25592	16,50

Cast iron connection Lubricating grease



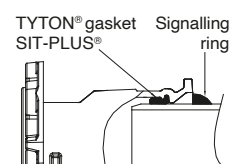
Ref.	Price €
27079	11,35

SOUPLESSUR-T TYTON gasket kit



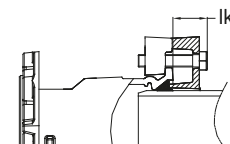
DN	Ref.	Range	kg	Price €
100	24852	115 - 119	0,20	17,35
125	29633	141 - 145	0,20	20,40
150	24853	167 - 171	0,20	22,30
200	24854	219 - 223	0,40	28,45
250	35966	271 - 275	0,44	63,45
300	35967	323 - 327	0,63	79,50

SOUPLESSUR-T TYTON BRS gasket kit



DN	Ref.	Range	kg	Price €
100	24855	115 - 119	0,17	70,30
125	29634	141 - 145	0,25	83,00
150	24856	167 - 171	0,31	93,65
200	24857	219 - 223	0,25	178,00
250	35968	271 - 275	0,51	252,85
300	35969	323 - 327	0,71	352,85

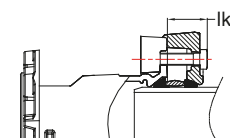
SOUPLESSUR-T Standard gasket kit



DN	Ref.	Range	lk	kg	Price €
100	24846	115 - 119	50	4,00	69,65
125	29615	141 - 145	50	4,94	70,30
150	24847	167 - 171	50	7,37	80,30
200	24848	219 - 223	55	7,70	96,95
250	35970	271 - 275	55	11,00	171,25
300	35971	323 - 327	55	13,20	184,90

Remarks : Fasteners class 8.8 and cast iron nuts GEOMET-500 Grade B coated

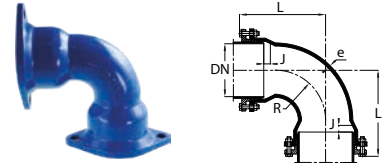
SOUPLESSUR-T VFTE gasket kit



DN	Ref.	Range	lk	kg	Price €
100	24849	115 - 119	60	4,12	186,45
125	29616	141 - 145	65	6,99	238,00
150	24850	167 - 171	60	9,57	285,65
200	24851	219 - 223	65	10,01	360,40
250	35972	271 - 275	70	15,80	533,35
300	35973	323 - 327	70	18,10	592,35

Remarks : Fasteners class 8.8 and cast iron nuts GEOMET-500 Grade B coated

SOUPLESSUR 90° double socket bend

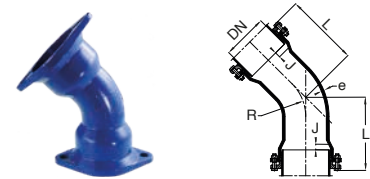


Dimensions							
Bend	DN	Range	L	R	J	e	Bolts
90°	60	76 - 86	200	66	10	8	2
90°	80	95 - 106	225	85	15	8,5	2

Bend + standard gasket	
Ref.	Price €
22078	182,10
22079	226,70

Bend alone		
Ref.	kg	Price €
15420	6,00	142,30
15421	8,20	167,40

SOUPLESSUR 45° double socket bend

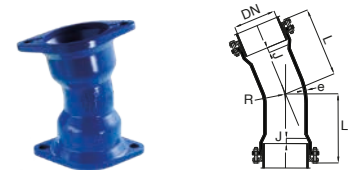


Dimensions							
Bend	DN	Range	L	R	J	e	Bolts
45°	60	76 - 86	170	89	10	8	2
45°	80	95 - 106	185	11	15	8,5	2

Bend + standard gasket	
Ref.	Price €
182,10	182,10
226,70	226,70

Bend alone		
Ref.	kg	Price €
15428	5,20	142,30
15429	6,54	167,40

SOUPLESSUR 22°30' double socket bend

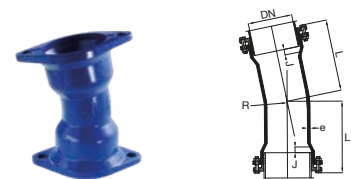


Dimensions							
Bend	DN	Range	L	R	J	e	Bolts
22°30'	60	76 - 86	160	121	10	8	2
22°30'	80	95 - 106	170	141	15	8,5	2

Bend + standard gasket	
Ref.	Price €
22094	182,10
22095	226,70

Bend alone		
Ref.	kg	Price €
15436	4,68	142,30
15437	6,42	167,40

SOUPLESSUR 11°15' double socket bend



Dimensions							
Bend	DN	Range	L	R	J	e	Bolts
11°15'	60	76 - 86	155	183	10	8	2
11°15'	80	95 - 106	160	203	15	8,5	2

Bend + standard gasket	
Ref.	Price €
22102	182,10
22103	226,70

Bend alone		
Ref.	kg	Price €
15443	4,54	142,30
15444	6,80	167,40

SOUPLESSUR Loose flanged socket

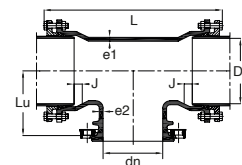


Dimensions							
DN	Range	L	Lu	J	e	Bolts	
40	55 - 63	170	65	10	8	2	
50	65 - 76	170	70	10	8	2	
60	76 - 86	170	70	10	8	2	
80	95 - 106	190	70	15	8,5	2	

Socket + standard gasket	
Ref.	Price €
22064	113,45
22065	117,95
22066	127,00
22067	166,90

Socket alone		
Ref.	kg	Price €
15404	3,26	96,95
15405	6,78	96,95
15406	3,90	107,10
15407	5,06	137,25

SOUPLESSUR Double socket Tee with loose flange branch

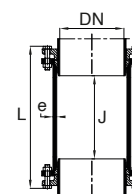


Dimensions								
DN	dn	Range	L	Lu	J	e1	e2	Bolts
60	60	76 - 86	370	140	10	8	8	2
80	60	95 - 106	400	170	15	8,5	8	2
80	80	95 - 106	400	170	15	8,5	8,5	2

Tee + standard gasket	
Ref.	Price €
22110	193,85
22111	275,40
22112	275,40

Tee alone		
Ref.	kg	Price €
15451	8,08	154,05
15452	10,88	216,10
15453	11,10	216,10

SOUPLESSUR Coupling

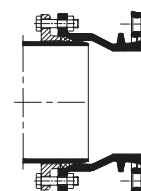


Dimensions					
DN	Range	L	J	e	Bolts
60	76 - 86	300	20	8	2
80	95 - 106	300	30	8,5	2

Coupling + standard gasket	
Ref.	Price €
22032	160,25
22036	235,10

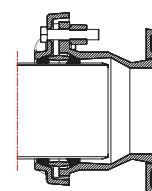
Coupling alone		
Ref.	kg	Price €
15390	4,55	120,45
15391	7,52	175,80

SOUPLESSUR Standard gasket kit



DN	Ref.	Range	Bolts / kit	Tightening torque	kg	Price €
40	15492	55 - 63	2xM16-80	80 Nm	1,25	16,50
50	15493	65 - 76	2xM16-80	80 Nm	1,46	21,00
60	15494	76 - 86	2xM16-80	80 Nm	1,73	19,90
80	15495	95 - 106	2xM18-90	80 Nm	2,59	29,65

SOUPLESSUR VFTE gasket kit



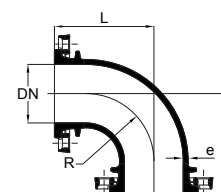
DN	Ref.	Range	Bolts / kit	Tightening torque	kg	Price €
60	15305	76 - 86	2xM16-80	80 Nm	2,88	136,85
80	15306	95 - 106	2xM18-90	80 Nm	3,64	148,95

Loose flanges Flange segments



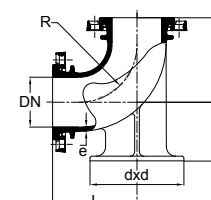
PN 16				PN 25			
DN	Ref.	kg	Price €	DN	Ref.	kg	Price €
200	25813	5,40	80,00	60	25805	1,76	23,80
250	25814	8,64	131,90	65	25806	2,16	32,80
300	25815	9,56	144,30	100	25807	3,04	35,80
350	9321	16,00	242,10	125	25808	4,20	58,10
400	43361	19,20	273,95	150	25809	5,20	58,40
450	15968	21,00	357,35	200	25810	6,88	84,30
500	10868	34,40	515,30	250	25811	10,56	111,00
600	15969	52,80	804,40	300	25812	14,12	135,90
				400	30113	27,68	335,70

Rotatable flanged fittings 90° bend



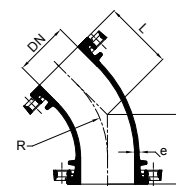
DN	Ref.	Working pressure	L	R	e	kg	Price €
40	33	PN 10 to PN 40	140	100	8,0	5,12	92,00
50	34	PN 10 to PN 40	150	110	10,0	6,00	100,30
60	35	PN 10 - PN 16	160	105	8,0	7,36	91,40
65	36	PN 10 - PN 16	160	105	8,0	7,84	96,10
80	37	PN 10 to PN 40	165	110	8,5	9,86	106,05
100	39	PN 10 - PN 16	180	125	8,5	12,18	119,55
125	41	PN 10 - PN 16	200	140	9,0	16,68	140,30
150	43	PN 10 - PN 16	220	160	9,5	23,24	222,75
200	46	PN 10	260	195	9,5	32,56	315,70
200	16559	PN 16	260	195	9,5	33,88	361,25
250	48	PN 10	350	290	12,0	64,78	740,85
250	16769	PN 16	350	290	12,0	68,86	792,45
300	50	PN 10	400	335	9,5	88,00	1015,35
350	58	PN 10	450	380	10,2	115,50	2451,70
400	59	PN 10	500	425	10,8	163,60	3154,30
500	10856	PN 10	600	515	12,0	266,20	3564,70
600	15955	PN 10	700	605	13,2	388,40	6259,75

Rotatable flanged fittings Duckfoot 90° bend



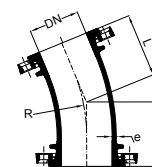
DN	Ref.	Working pressure	L	R	e	c	dx	kg	Price €
60	9963	PN 10 - PN 16	160	105	8,5	100	160	10,32	129,65
80	38	PN 10 to PN 40	165	120	8,5	110	180	14,92	158,45
100	40	PN 10 - PN 16	180	125	8,5	125	200	16,82	176,50
125	42	PN 10 - PN 16	200	140	9,0	140	200	24,00	273,85
150	44	PN 10 - PN 16	220	160	9,5	160	250	32,04	295,10
200	47	PN 10	260	195	9,5	190	300	48,26	505,90
200	17414	PN 16	260	195	9,5	190	300	49,58	545,55
250	49	PN 10	350	290	12,0	210	350	95,28	1062,35
300	51	PN 10	400	335	13,0	240	400	137,28	1447,95
300	23217	PN 16	400	335	13,0	240	400	139,12	1491,75

Rotatable flanged fittings 45° bend



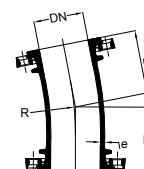
DN	Ref.	Working pressure	L	R	e	kg	Price €
40	85	PN 10 to PN 40	140	230	8,0	5,74	92,00
60	87	PN 10 - PN 16	160	255	7,0	7,80	90,60
65	88	PN 10 - PN 16	160	255	8,0	8,28	96,10
80	89	PN 10 to PN 40	130	175	8,5	9,28	105,00
100	90	PN 10 - PN 16	140	200	7,2	10,42	116,10
125	91	PN 10 - PN 16	150	220	9,0	15,26	136,20
150	92	PN 10 - PN 16	160	265	7,8	18,74	206,05
200	94	PN 10	180	195	8,4	28,36	292,80
200	16478	PN 16	180	195	8,4	29,68	351,50
250	95	PN 10	245	565	12,0	52,38	541,00
250	16908	PN 16	245	565	12,0	56,46	597,30
300	96	PN 10	275	/	9,5	68,68	930,80
300	19474	PN 16	275	/	9,5	79,20	1048,25
350	97	PN 10	298	550	10,2	99,50	1222,85
400	84	PN 10	320	591	10,8	108,60	1435,80
500	10857	PN 10	375	700	12,0	197,20	2664,25
600	15956	PN 10	426	799	13,2	286,10	4011,80

Rotatable flanged fittings 22°30' bend



DN	Ref.	Working pressure	L	R	e	kg	Price €
40	120	PN 10 to PN 40	95	210	8,0	4,92	92,00
60	122	PN 10 - PN 16	115	300	8,0	6,86	88,05
65	123	PN 10 - PN 16	115	300	8,0	7,34	93,50
80	124	PN 10 to PN 40	105	240	8,5	8,88	97,25
100	125	PN 10 - PN 16	110	265	8,5	10,08	112,60
125	126	PN 10 - PN 16	105	235	9,0	13,32	125,00
150	127	PN 10 - PN 16	110	245	9,5	17,24	177,70
200	129	PN 10	130	340	9,5	27,76	264,10
200	16479	PN 16	130	340	9,5	29,08	316,65
250	130	PN 10	140	405	12,0	49,48	502,20
250	16909	PN 16	140	405	12,0	53,56	508,10
300	131	PN 10	240	/	9,5	58,50	793,25
350	15714	PN 10	215	729	10,2	85,40	1099,40
400	15715	PN 10	239	824	10,8	106,00	1204,95
500	15716	PN 10	272	940	12,0	157,20	2620,65
600	18749	PN 10	320	1131	13,2	234,00	3029,20

Rotatable flanged fittings 11°15' bend



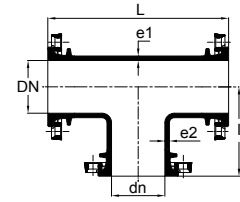
DN	Ref.	Working pressure	L	R	e	kg	Price €
60	145	PN 10 - PN 16	120	655	8,0	7,24	88,05
65	146	PN 10 - PN 16	120	655	8,0	7,72	93,50
80	147	PN 10 to PN 40	115	570	8,5	9,02	98,05
100	148	PN 10 - PN 16	115	590	8,5	10,22	112,60
125	149	PN 10 - PN 16	110	540	9,0	13,80	125,00
150	150	PN 10 - PN 16	115	540	9,5	19,34	177,70
200	151	PN 10	130	680	9,5	27,96	264,10
200	19473	PN 16	130	680	9,5	29,28	307,45
250	152	PN 10	105	450	14,5	43,00	502,20
300	153	PN 10	115	500	15,5	54,00	794,80
350	15717	PN 10	190	1218	10,2	78,40	975,20
400	15718	PN 10	205	1320	10,8	96,70	1142,75
500	15719	PN 10	233	1503	12,0	146,40	1825,85

Fittings for water networks

ROTATABLE FLANGED FITTINGS

Rotatable flanged fittings

Tee

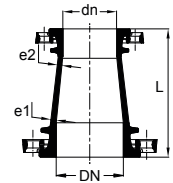


DN	dn	Ref.	PN	L	l	e1	e2	kg	Price €
40	40	244	PN 10 to PN 40	280	140	8	8	8,36	103,90
50	50	316	PN 10 to PN 40	280	140	8	8	11,38	113,75
60	40	245	PN 10 / 16	300	130	8	8	9,80	127,10
60	60	246	PN 10 / 16	320	160	8	8	10,94	127,10
65	40	247	PN 10 / 16	300	130	8	8	10,28	127,10
65	60	248	PN 10 / 16	320	160	8	8	11,42	127,10
65	65	249	PN 10 / 16	320	160	8	8	11,66	127,10
80	40	250	PN 10 / 16	330	140	8,5	8	12,76	157,35
80	60	251	PN 10 / 16	330	160	8,5	8	14,00	157,35
80	65	252	PN 10 / 16	330	160	8,5	8	14,24	157,35
80	80	253	PN 10 / 16	330	165	8,5	8,5	14,60	157,35
100	40	254	PN 10 / 16	320	150	8,5	8	15,20	168,65
100	60	255	PN 10 / 16	320	170	8,5	8	16,92	168,65
100	65	256	PN 10 / 16	320	170	8,5	8	16,64	168,65
100	80	257	PN 10 / 16	320	175	8,5	8,5	17,72	168,65
100	100	258	PN 10 / 16	360	180	7,2	7,2	17,18	168,65
125	40	259	PN 10 / 16	400	165	9	8	20,52	228,40
125	60	260	PN 10 / 16	400	185	9	8	21,08	228,40
125	65	261	PN 10 / 16	400	185	9	8	21,32	228,40
125	80	262	PN 10 / 16	400	190	9	8,5	23,70	228,40
125	100	263	PN 10 / 16	400	195	9	8,5	23,76	228,40
125	125	264	PN 10 / 16	400	200	7,5	7,5	23,32	228,40
150	60	265	PN 10 / 16	440	195	9,5	8	28,12	283,85
150	65	266	PN 10 / 16	440	195	9,5	8	28,36	283,85
150	80	267	PN 10 / 16	440	205	9,5	8,5	29,34	283,85
150	100	268	PN 10 / 16	380	205	7,8	7,2	26,06	283,85
150	125	269	PN 10 / 16	440	210	9,5	9,0	32,24	283,85
150	150	270	PN 10 / 16	440	220	7,8	7,8	33,66	283,85
200	60	274	PN 10	520	220	9,5	8	40,34	428,35
200	65	275	PN 10	520	220	9,5	8	40,58	428,35
200	80	276	PN 10	520	235	9,5	8,5	44,16	428,35
200	100	277	PN 10	400	230	8,4	7,2	41,02	428,35
200	125	278	PN 10	520	240	9,5	8,5	45,06	428,35
200	150	279	PN 10	520	250	9,5	9,5	45,38	428,35
200	200	280	PN 10	520	260	8,4	8,4	49,04	428,35
200	60	16775	PN 16	520	220	9,5	8	41,66	496,55
200	65	16762	PN 16	520	220	9,5	8	41,90	496,55
200	80	16755	PN 16	520	235	9,5	8,5	45,48	496,55
200	100	11254	PN 16	400	230	8,4	7,2	42,34	496,55
200	125	17825	PN 16	520	240	9,5	8,5	46,38	496,55
200	150	16761	PN 16	520	250	9,5	9,5	46,68	496,55
200	200	11440	PN 16	520	260	8,4	8,4	51,02	496,55
250	60	281	PN 10	550	275	12	8	54,52	756,45
250	65	282	PN 10	550	275	12	8	54,80	756,45
250	80	283	PN 10	550	275	12	8,5	55,68	756,45
250	100	284	PN 10	550	275	12	8,5	56,04	756,45
250	125	285	PN 10	550	275	12	8,5	58,58	756,45
250	150	286	PN 10	550	275	12	9,5	61,00	756,45
250	200	287	PN 10	550	275	12	9,5	66,06	756,45
250	250	288	PN 10	550	275	12	12	68,52	756,45
250	60	16911	PN 16	550	275	12	8	58,64	808,25
250	65	24022	PN 16	550	275	12	8	58,78	808,25
250	80	16754	PN 16	550	275	12	8,5	59,76	808,25
250	100	16753	PN 16	550	275	12	8,5	60,12	808,25
250	125	22621	PN 16	550	275	12	8,5	62,56	808,25
250	150	16760	PN 16	550	275	12	9,5	65,08	808,25
250	200	16759	PN 16	550	275	12	9,5	70,80	808,25
250	250	16758	PN 16	550	275	12	12	74,64	808,25

DN	dn	Ref.	PN	L	l	e1	e2	kg	Price €
300	100	289	PN 10	450	300	13	8,5	69,04	1045,95
300	150	290	PN 10	630	315	13	9,5	83,80	1045,95
300	200	291	PN 10	630	315	13	9,5	89,06	1045,95
300	250	292	PN 10	630	315	13	12,0	93,92	1045,95
300	300	293	PN 10	630	315	13	13,0	99,92	1045,95
300	100	16752	PN 16	450	300	13	8,5	70,96	1107,90
300	150	17295	PN 16	630	315	13	9,5	85,72	1107,90
300	200	16757	PN 16	630	315	13	9,5	91,64	1107,90
300	250	16756	PN 16	630	315	13	12,0	97,88	1107,90
300	300	17294	PN 16	630	315	13	13,0	102,80	1107,90
350	100	15722	PN 10	470	330	10,2	7,2	101,00	1608,70
350	150	15723	PN 10	530	340	10,2	7,8	108,00	1608,70
350	200	318	PN 10	585	350	10,2	8,4	130,00	1624,45
350	250	9391	PN 10	645	360	10,2	9,0	131,00	1624,45
350	300	319	PN 10	705	370	10,2	9,6	151,00	1624,45
350	350	320	PN 10	760	380	10,2	10,2	157,00	1624,45
400	100	304	PN 10	490	360	10,8	7,2	97,34	1987,35
400	150	322	PN 10	550	370	10,8	7,8	166,00	2006,40
400	200	323	PN 10	610	380	10,8	8,4	173,00	2006,40
400	250	15724	PN 10	665	390	10,8	9,0	160,00	1987,35
400	300	324	PN 10	725	400	10,8	9,6	186,00	2006,40
400	350	15725	PN 10	780	420	10,8	10,2	185,00	1987,35
400	400	325	PN 10	840	420	10,8	10,8	195,00	2006,40
500	100	10862	PN 10	535	420	12	7,2	158,00	3012,10
500	150	15726	PN 10	535	420	12	7,8	170,00	3012,10
500	200	10861	PN 10	650	440	12	8,4	181,00	3012,10
500	250	15727	PN 10	650	440	12	9,0	192,00	3012,10
500	300	10860	PN 10	765	460	12	9,6	208,00	3012,10
500	350	15728	PN 10	825	480	12	10,2	228,00	3012,10
500	400	10859	PN 10	885	480	12	10,8	240,00	3012,10
500	500	10858	PN 10	1000	500	12	12,0	306,00	3012,10
600	100	18752	PN 10	700	480	13,2	7,2	286,00	4313,80
600	150	18753	PN 10	700	490	13,2	7,8	303,00	4440,45
600	200	18754	PN 10	700	500	13,2	8,4	312,00	5051,10
600	300	15962	PN 10	810	520	13,2	9,6	326,00	5260,55
600	400	15963	PN 10	930	540	13,2	10,8	334,00	5260,55
600	500	15964	PN 10	975	550	13,2	12,0	394,00	5260,55
600	600	15965	PN 10	1100	550	13,2	13,2	449,00	5260,55

Rotatable flanged fittings

Taper

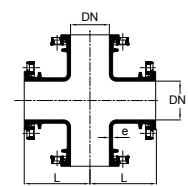


DN	dn	Ref.	PN	L	e1	e2	kg	Price €
60	40	444	PN 10 / 16	150	8,0	8,0	4,87	65,10
60	50	445	PN 10 / 16	150	8,0	8,0	5,39	65,10
65	40	472	PN 10 / 16	150	8,0	8,0	5,11	65,10
65	50	473	PN 10 / 16	150	8,0	8,0	5,63	65,10
80	40	446	PN 10 / 16	150	8,5	8,0	5,74	77,95
80	50	447	PN 10 / 16	150	8,5	8,0	6,17	77,95
80	60	448	PN 10 / 16	150	8,5	8,0	6,68	77,95
80	65	449	PN 10 / 16	150	8,5	8,0	6,92	77,95
80	40	9543	PN 10 / 16	200	8,5	8,0	6,52	85,15
80	60	9545	PN 10 / 16	200	8,5	8,0	7,24	85,15
80	65	37793	PN 10 / 16	200	8,5	8,0	7,54	85,15
100	40	450	PN 10 / 16	150	8,5	8,0	6,54	101,85
100	50	451	PN 10 / 16	150	8,5	8,0	6,70	101,85
100	60	452	PN 10 / 16	150	8,5	8,0	7,44	101,85
100	65	474	PN 10 / 16	150	8,5	8,0	7,68	101,85
100	80	453	PN 10 / 16	200	8,5	8,5	9,16	101,85
125	40	454	PN 10 / 16	200	9,0	8,0	9,12	132,35
125	60	455	PN 10 / 16	200	9,0	8,0	9,43	132,35
125	65	475	PN 10 / 16	200	9,0	8,0	9,67	132,35
125	80	456	PN 10 / 16	200	9,0	8,5	10,40	132,35
125	100	457	PN 10 / 16	200	9,0	8,5	11,02	132,35
150	60	458	PN 10 / 16	200	9,5	8,0	12,10	163,20
150	65	476	PN 10 / 16	200	9,5	8,0	12,34	163,20
150	80	459	PN 10 / 16	200	9,5	8,5	12,87	163,20
150	100	460	PN 10 / 16	200	9,5	8,5	13,28	163,20
150	125	461	PN 10 / 16	200	9,5	9,0	15,72	163,20
200	100	462	PN 10	200	9,5	8,5	19,06	229,85
200	125	463	PN 10	200	9,5	9,0	21,56	229,85
200	150	464	PN 10	200	9,5	9,5	22,06	229,85
200	100	16451	PN 16	200	9,5	8,5	18,20	257,45
200	125	20041	PN 16	200	9,5	9,0	23,40	257,45
200	150	16328	PN 16	200	9,5	9,5	21,92	257,45

DN	dn	Ref.	PN	L	e1	e2	kg	Price €
250	100	465	PN 10	200	12,0	8,5	22,50	285,05
250	125	466	PN 10	200	12,0	9,0	24,44	285,05
250	150	467	PN 10	200	12,0	9,5	28,16	285,05
250	200	468	PN 10	200	12,0	9,5	29,42	312,15
250	100	16913	PN 16	200	12,0	8,5	24,54	352,85
250	125	16768	PN 16	200	12,0	9,0	26,48	352,85
250	150	16764	PN 16	200	12,0	9,5	30,20	352,85
250	200	16767	PN 16	200	12,0	9,5	32,12	352,85
300	150	469	PN 10	200	13,0	9,5	32,46	468,45
300	200	470	PN 10	200	13,0	9,5	35,42	468,45
300	250	471	PN 10	200	13,0	12,0	39,48	468,45
300	150	16766	PN 16	200	13,0	9,5	33,42	496,55
300	200	16763	PN 16	200	13,0	9,5	37,04	496,55
300	250	16765	PN 16	200	13,0	12,0	42,48	496,55
350	200	10155	PN 10	290	10,2	8,4	55,00	956,35
350	250	15957	PN 10	300	10,2	9,0	61,00	956,35
350	300	478	PN 10	290	10,2	9,6	67,00	965,75
400	200	10156	PN 10	300	10,8	8,4	59,00	1124,20
400	250	9728	PN 10	300	10,8	9,0	62,00	1124,20
400	300	9729	PN 10	300	10,8	9,6	68,00	1124,20
400	350	15958	PN 10	300	10,8	10,2	79,00	1124,20
450	300	18746	PN 10	457	11,4	9,6	92,00	1451,40
450	400	18747	PN 10	300	11,4	10,8	96,00	1451,40
500	200	10867	PN 10	600	12,0	8,4	149,00	2652,20
500	300	10866	PN 10	600	12,0	9,6	157,00	2652,20
500	350	15720	PN 10	600	12,0	10,2	160,00	2652,20
500	400	10865	PN 10	600	12,0	10,8	171,00	2652,20
500	450	15721	PN 10	300	12,0	11,4	147,00	2652,20
600	400	15959	PN 10	600	13,2	10,8	171,00	3235,65
600	450	15960	PN 10	600	13,2	11,4	181,00	3235,65
600	500	15961	PN 10	600	13,2	12,0	193,00	3235,65

Rotatable flanged fittings

Cross

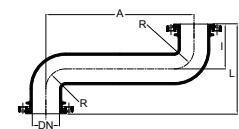


DN	Ref.	Working pressure	L	R	e	kg	Price €
80	712	PN 10 - PN 16	180	9,5	19	17,40	397,80
100	713	PN 10 - PN 16	200	8,5	30	26,74	462,90
125	714	PN 10 - PN 16	225	9,0	38	31,70	662,95
150	715	PN 10 - PN 16	250	9,5	55	51,58	865,80
200	716	PN 10	300	9,5	90	85,12	1188,65
200	12054	PN 16	300	9,5	90	87,76	1267,95
250*	718	PN 10	350	14,0	135	150,00	4003,85
300*	719	PN 10	400	15,5	186	186,00	5130,75
300*	10073	PN 16	400	15,5	186	186,00	5653,65

*fixed flanged fitting

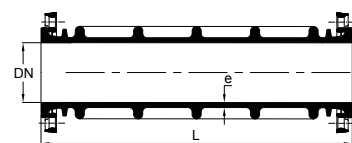
Rotatable flanged fittings

S-piece



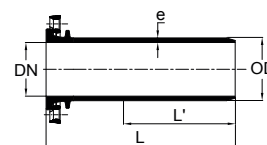
DN	Ref.	Working pressure	R	A	L	e	kg	Price €	
100	9402	PN 10 - PN 16	75	500	175	300	8,5	24,02	303,80
150	31688	PN 10 - PN 16	75	500	200	400	8,5	39,00	481,15

Rotatable flanged fittings Flanged **anchoring sleeve**



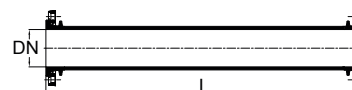
DN	Ref.	Working pressure	L	e	kg	Price €
60	694	PN 10 - PN 16	600	9,5	17,56	384,75
65	703	PN 10 - PN 16	600	9,5	18,04	384,75
80	695	PN 10 to PN 40	600	10,5	21,20	445,00
100	696	PN 10 - PN 16	600	12,0	26,42	481,95
125	697	PN 10 - PN 16	600	9,0	28,10	560,35
150	698	PN 10 - PN 16	600	12,0	40,44	636,55
200	700	PN 10	600	15,0	62,56	872,45
200	17413	PN 16	600	15,0	63,88	968,05
250	701	PN 10	600	13,0	80,48	1133,15
250	16621	PN 16	600	13,0	84,56	1288,45
300	702	PN 10	750	16,0	109,28	1785,40
300	16550	PN 16	750	16,0	111,20	1981,25
350	23661	PN 10	1000	11,0	154,00	3334,65
400	23662	PN 10	1000	12,0	183,00	3640,90
500	23663	PN 10	1000	13,0	262,00	4522,55
600	23664	PN 10	1000	14,0	334,00	5590,60

Rotatable flanged fittings **Spigot**



DN	Ref.	Working pressure	L	L'	e	OD	kg	Price €
60	735	PN 10 - PN 16	300	200	8,5	77	5,64	88,20
65	736	PN 10 - PN 16	300	200	8,5	77	5,88	88,20
80	737	PN 10 to PN 40	300	215	9	98	7,56	97,25
100	738	PN 10 - PN 16	300	215	9	118	9,12	105,75
125	739	PN 10 - PN 16	300	220	9,5	144	12,50	135,30
150	740	PN 10 - PN 16	300	220	10	170	14,42	153,10
200	742	PN 10	400	230	11	222	33,78	209,70
200	17242	PN 16	400	230	11	222	34,44	236,40
250	743	PN 10	450	240	12	274	39,14	450,30
250	731	PN 16	450	240	12	274	41,18	481,15
300	744	PN 10	450	250	13	326	51,04	614,80
300	18213	PN 16	450	250	13	326	52,00	662,40

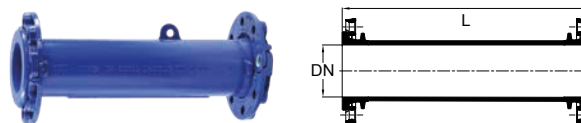
Rotatable flanged fittings Short double flanged pipes **Length 1m**



DN	Ref.	Working pressure	L	e	kg	Price €
100	532	PN 10 - PN 16	1000	8,5	27,52	401,65
125	533	PN 10 - PN 16	1000	9,0	40,60	491,60
150	534	PN 10 - PN 16	1000	9,5	45,84	623,60
200	536	PN 10	1000	9,5	63,56	856,80
200	18154	PN 16	1000	9,5	64,88	1022,30
250	537	PN 10	1000	12,0	86,28	943,85
250	17278	PN 16	1000	12,0	90,36	1180,25
300	538	PN 10	1000	13,0	111,28	1420,85
300	21659	PN 16	1000	13,0	113,12	1697,40

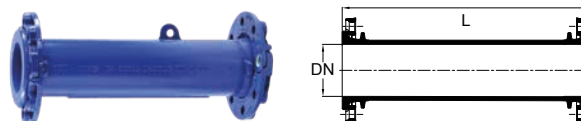
Remark : Length > 1m.on request

Rotatable flanged fittings Flanged collar Length. 0,25m



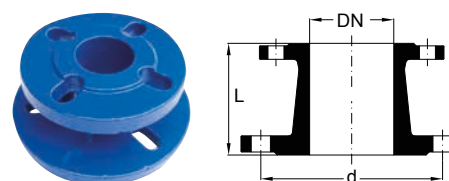
DN	Ref.	Working pressure	L	e	kg	Price €
100	615	PN 10 - PN 16	150	8,5	9,52	90,15
40	616	PN 10 to PN 40	250	8,0	5,44	65,45
50	643	PN 10 to PN 40	250	8,0	8,00	71,60
60	617	PN 10 - PN 16	250	7,0	6,77	79,35
65	644	PN 10 - PN 16	250	8,0	7,25	79,35
80	618	PN 10 to PN 40	250	8,5	9,01	90,50
100	619	PN 10 - PN 16	250	7,2	10,97	94,35
125	620	PN 10 - PN 16	250	9,0	16,10	117,80
150	621	PN 10 - PN 16	250	7,8	18,64	157,25
200	622	PN 10	250	9,5	22,76	224,60
200	18153	PN 16	250	9,5	29,18	261,75
250	624	PN 10	250	12,0	35,03	385,50
250	16912	PN 16	250	12,0	39,11	435,75
300	625	PN 10	250	13,0	40,28	431,90
300	24011	PN 16	250	13,0	42,12	465,25
350	9323	PN 10	250	/	69,00	928,30
400	9325	PN 10	250	17,5	80,00	1122,45
500	10863	PN 10	250	20,0	125,00	2099,20
600	15966	PN 10	250	22,5	168,00	2639,55

Rotatable flanged fittings Flanged collar Length. 0,50m



DN	Ref.	Working pressure	L	e	kg	Price €
40	626	PN 10 to PN 40	500	8,0	7,84	100,80
50	646	PN 10 to PN 40	500	8,0	9,06	119,90
60	627	PN 10 - PN 16	500	7,0	9,76	118,45
65	647	PN 10 - PN 16	500	8,0	10,24	118,45
80	628	PN 10 to PN 40	500	8,5	13,30	125,45
100	629	PN 10 - PN 16	500	7,2	13,92	139,90
125	630	PN 10 - PN 16	500	9,0	19,90	163,90
150	631	PN 10 - PN 16	500	9,5	27,44	187,70
200	632	PN 10	500	9,5	41,16	286,75
200	17824	PN 16	500	9,5	42,48	331,50
250	633	PN 10	500	12,0	54,28	531,40
250	16916	PN 16	500	12,0	58,36	592,85
300	634	PN 10	500	13,0	65,88	673,25
300	18226	PN 16	500	13,0	67,80	693,50
350	9324	PN 10	500	/	105,40	1091,00
400	9326	PN 10	500	17,5	113,00	1373,40
500	10864	PN 10	500	20,0	170,00	2341,50
600	15967	PN 10	500	22,5	201,00	3061,95

Rotatable flanged fittings Flanged collar standard / VP



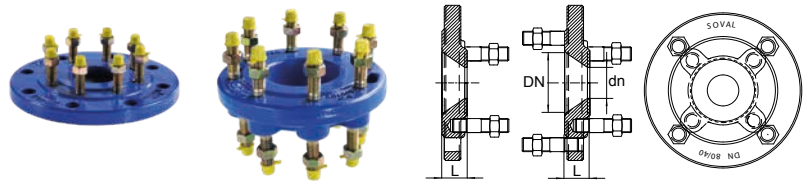
DN	Ref.	Working pressure	d	Holes	L	kg	Price €
60/40	649	PN 10	165-125	3	90	6,80	128,10
80/60	650	PN 10	185-165	3	90	8,00	138,50
125/100	651	PN 10	232-205	4	95	13,02	166,85
150	652	PN 10	257	6	100	15,50	189,00
200	653	PN 10	306	6	110	21,72	239,05

SPECIFICATIONS :



- DN 60 to DN 300.
- Drilling ISO PN16 up to DN 150 included
- Drilling ISO PN10 from DN 200 to DN 300
- Ductile iron **body**, reinforced epoxy powder coating (250µm mini according to EN-14901) ACS-certified.
- Fasteners, studs and nuts made of steel class 6.8 zinc plated

Rotatable flanged fittings
Reducing flange

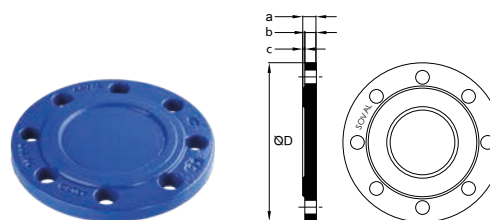


DN	dn	Ref.	Working pressure	Studs	Number and diameter of studs or drilling	L	kg	Price €
60	40	4676	PN 10 - PN 16	double	4M16/4M16	55	6,57	87,35
60	50	4677	PN 10 - PN 16	double	4M16/4M16	55	6,66	87,35
65	40	4678	PN 10 - PN 16	double	4M16/4M16	55	6,57	87,35
65	50	4679	PN 10 - PN 16	double	4M16/4M16	55	6,66	87,35
80	40	4681	PN 10	double	4M16/4M16	30	5,82	95,20
80	40	4682	PN 10 - PN 16- PN 25- PN 40	double	8M16/4M16	30	6,38	102,40
80	50	4683	PN 10	double	4M16/4M16	55	8,27	95,20
80	50	4684	PN 10 - PN 16- PN 25- PN 40	double	8M16/4M16	55	8,83	102,40
80	60	4685	PN 10	double	4M16/4M16	55	8,06	95,20
80	60	4686	PN 10 - PN 16	double	8M16/4M16	55	8,62	102,40
80	65	4687	PN 10	double	4M16/4M16	55	8,06	95,20
80	65	4688	PN 10 - PN 16	double	8M16/4M16	55	8,62	102,40
100	40	4689	PN 10 - PN 16	simple	8Ø19/4M16	30	6,54	97,65
100	60	4691	PN 10 - PN 16	double	8M16/4M16	30	8,18	102,40
100	65	4692	PN 10 - PN 16	double	8M16/4M16	30	8,38	111,80
100	80	4693	PN 10	double	8M16/4M16	30	7,88	115,40
100	80	4694	PN 10 - PN 16	double	8M16/8M16	55	8,48	130,55
125	60	4695	PN 10 - PN 16	simple	8Ø23/4M16	30	8,64	121,00
125	65	4696	PN 10 - PN 16	double	8M16/4M16	30	9,71	121,00
125	80	4697	PN 10	double	8M16/4M16	30	10,68	126,80
125	80	4698	PN 10 - PN 16	double	8M16/8M16	30	11,24	148,95
125	100	4699	PN 10 - PN 16	double	8M16/8M16	55	12,70	130,55
150	60	4700	PN 10 - PN 16	simple	8Ø23/4M16	30	10,86	133,85
150	65	4701	PN 10 - PN 16	simple	8Ø23/4M16	30	10,28	133,85
150	80	4702	PN 10	simple	8Ø23/4M16	30	8,72	133,85
150	80	4703	PN 10 - PN 16	simple	8Ø23/8M16	30	9,28	139,80
150	100	4704	PN 10 - PN 16	double	8Ø23/8M16	30	13,64	162,10
150	125	4705	PN 10 - PN 16	double	8M20/8M16	60	17,22	162,10
200	60	4706	PN 10	simple	8Ø23/4M16	45	15,86	162,10
200	60	32933	PN 16	simple	8Ø23/4M16	45	15,86	177,15
200	65	4707	PN 10	simple	8Ø23/4M16	45	16,16	162,10
200	80	4708	PN 10	simple	8Ø23/4M16	45	16,10	167,70
200	80	4709	PN 10	simple	8Ø23/8M16	45	16,82	176,85
200	80	16860	PN 16	simple	8Ø23/8M16	45	16,00	238,15
200	100	4710	PN 10	simple	8Ø23/8M16	45	16,62	167,70
200	100	32934	PN 16	simple	8Ø23/8M16	45	16,62	158,55
200	125	4711	PN 10	simple	8Ø23/8M16	30	14,68	167,70
200	125	35658	PN 16	simple	8Ø23/8M16	30	14,68	167,55
200	150	4712	PN 10	double	8M20/8M20	35	19,02	195,80
200	150	32935	PN 16	double	8M20/8M20	35	19,02	193,45
200	175	4713	PN 10	double	8M20/8M20	60	18,56	195,80
250	150	4714	PN 10	simple	12Ø23/8M20	45	23,36	316,55
250	200	4715	PN 10	double	12M20/8M20	45	24,20	354,10
300	200	4716	PN 10	simple	12Ø23/8M20	55	27,56	410,10
300	250	4717	PN 10	double	12M20/12M20	40	28,78	447,20

Remark : stainless steel studs on request

Rotatable flanged fittings

Blind flange



DN	Ref.	Working pressure	ØD	a	b	c	nr holes	kg	Price €
40	4892	PN 10 to PN 40	150	19	16	3	4	2,00	18,15
50	4893	PN 10 to PN 40	165	19	16	3	4	2,44	23,50
60/65	4895	PN 10 - PN 16	185	19	16	3	4	2,88	26,95
80	4897	PN 10 to PN 40	200	19	16	3	8	3,60	33,45
100	4898	PN 10 - PN 16	220	19	16	3	8	4,24	38,55
100	26939	PN 25	220	19	16	3	8	6,00	1155,65
125	4899	PN 10 - PN 16	250	19	16	3	8	5,60	50,15
150	4900	PN 10 - PN 16	285	19	16	3	8	7,20	64,45
200	4902	PN 10	340	20	17	3	12	10,44	88,55
200	4903	PN 16	340	20	17	3	12	11,22	103,80
200	17172	PN 25	340	20	17	3	12	16,10	1119,45
250	4904	PN 10	400	22	19	3	12	17,00	144,50
250	4905	PN 16	400	22	19	3	12	17,00	151,60
300	4906	PN 10	455	24,5	20,5	4	16	24,60	188,60
300	11049	PN 16	455	24,5	20,5	4	16	24,50	207,40
300	32393	PN 25	455	24,5	20,5	4	16	33,00	1284,30
350	4907	PN 10	510	24,5	20,5	4	16	37,50	474,75
350	16923	PN 16	510	24,5	20,5	4	16	37,50	522,50
400	4908	PN 10	570	24,5	20,5	4	16	37,40	446,20
400	4916	PN 16	570	24,5	20,5	4	16	60,00	683,85
400	26726	PN 25	620	42	32	10	20	60,00	1501,35
450	4721	PN 10	620	42	32	10	20	69,00	754,75
450	23792	PN 16	620	42	32	10	20	70,00	843,10
500	4909	PN 10	675	44	34	10	20	88,00	1121,00
500	16379	PN 16	675	44	34	10	20	88,00	1631,30
600	4910	PN 10	785	48	38	10	20	134,00	1331,40
600	25676	PN 16	785	48	38	10	20	152,00	1598,60
700	18541	PN 10	900	53,5	43,5	10	24	185,00	2041,80
700	29241	PN 16	900	53,5	43,5	10	24	178,00	2412,65
800	22734	PN 10	/	/	/	/	/	218,00	2578,00

Rotatable flanged fittings

Reducing plate



DN	kg	40,5/300 55/300		1/2" 3/4" 1" 1"1/4 1"1/2 2" 2"1/4 2"1/2 3" 4"										Price €							
		PB	GB	15/21	20/27	26/34	33/42	40/49	50/60	60/70	66/76	80/90	102/114								
40	1,87	4753	4752	33,45	4746	4747	4748	4749	4750	4751											34,45
50	2,37	4764	4763	41,35	4755	4756	4757	4758	4759	4760	4761	4762									41,35
60/65	2,84	4787	4891	41,95	4778	4779	4780	4781	4782	4783	4784	4785	4786								43,60
80	3,80	4809	4808	50,55	4798	4799	4800	4801	4802	4803	4804	4805	4806	4797							52,15
100	4,00	4822	4821	58,30	4811	4812	4813	4814	4815	4816	4817	4818	4819	4810							60,10
125	5,64	4835	4834	70,30	4824	4825	4826	4827	4828	4829	4830	4831	4832	4823	4823						72,45
150	6,20	4846	4845	85,45		4838	4839	4744	4840	4841	4842	4837	4843	4836	4836						88,05
200	10,25	4864	4863	116,95		4855	4856	4857	4858	4859	4860	4861	4862	4854	4854						120,20
250	16,16	4874	4873	170,85		4867	4868	4869	4870	4871		4872		4866	4866						175,80
300	23,56	4883	4882	209,95	26411	4876	4877	4878	4879	4880				18947	4875						216,10
350	37,50	4886	4885	507,45		17981	9976	22333	16889	4884	43804				21483						645,35
400	53,00	4889	4888	514,80		15839	16109		17859	16110	29451		41390	23699							530,00
500	80,00	10814	16281	1279,45		15838	12111	25667	18537	12112											1317,55
600	126,00	23514	4890	1492,25		15837	23487		32322	24073				26349							2202,15

Flange adaptors 390 for ductile iron pipes



DN	Flange DN	Ref.	Working pressure	kg	Price €
60	60/65	9205	PN 10 - PN 16	2,78	41,10
80	80	9210	PN 10 - PN 16	3,22	47,30
100	100	9213	PN 10 - PN 16	3,85	59,45
125	125	9217	PN 10 - PN 16	5,62	88,05
150	150	9221	PN 10 - PN 16	7,48	110,05
200	200	9224	PN 10	10,38	210,30
250	250	9227	PN 10	12,07	259,55
300	300	9229	PN 10	14,93	310,00

Remark : without fasteners

Flange adaptors 390 for PVC pipes



OD	Flange DN	Ref.	Working pressure	kg	Price €
50	40/50	9202	PN 10 - PN 16	2,26	32,80
63	50/60/65	9206	PN 10 - PN 16	2,65	36,00
75	60/65	9207	PN 10 - PN 16	2,79	41,10
90	80	9211	PN 10 - PN 16	3,30	48,50
110	100	9214	PN 10 - PN 16	3,98	61,40
125	125	9218	PN 10 - PN 16	6,36	80,95
140	125	9219	PN 10 - PN 16	5,69	89,15
160	150	9222	PN 10 - PN 16	7,72	113,50
200	200	9225	PN 10	11,57	200,95
225	200	9226	PN 10	10,40	188,50
250	250	9228	PN 10	14,45	252,40

Remark : without fasteners

Flange adaptors 390 grip for PVC/PE pipes



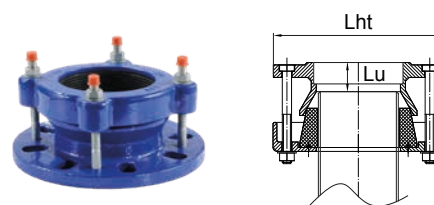
FOR PVC AND PE PIPES - FROM OD 25 TO OD 200					
OD	Flange DN	Ref.	Working pressure	kg	Price €
25	20	5101	PN 10	0,53	19,10
32	25	5102	PN 10	0,60	22,40
40	40	5103	PN 10	1,23	35,00
50	40/50	9201	PN 10 - PN 16	2,29	37,55
63	50/60/65	9203	PN 10 - PN 16	2,69	41,75
75	60/65	9204	PN 10 - PN 16	2,95	59,35
90	80	9209	PN 10 - PN 16	3,50	59,05
110	100	9212	PN 10 - PN 16	4,21	78,25
125	125	9215	PN 10 - PN 16	6,56	94,35
140	125	9216	PN 10 - PN 16	5,89	103,25
160	150	9220	PN 10 - PN 16	8,30	147,85
200	200	9223	PN 10	12,53	234,05

Remark : without fasteners except OD 25 and OD 32

Fittings for water networks

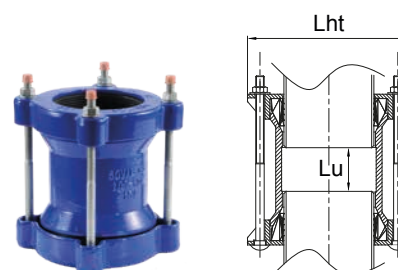
VERY LARGE TOLERANCE FLANGE ADAPTOR

Very large tolerance flange adaptor Flanged socket TLT - PN10 / PN16



DN	Ref.	Range	Flange DN	Lu	Lht	Nr Bolts - Ø x Lg	kg	Price €
40/50	18687	47-60	40/50	30	155	2M12 x 120	3,10	75,10
50/65	18688	57-72	50/65	31	171	2M12 x 120	3,72	89,95
50/65	18689	68-85	50/65	18	184	2M12 x 160	4,73	111,65
80/100	18690	83-106	80/100	25	216	4M12 x 120	6,15	113,05
100/125	18691	103-124	100/125	29	231	4M12 x 120	6,92	124,35
100/125	18692	117-132	100/125	25	226	4M12 x 120	6,22	121,65
125/150	18693	120-135	125/150	25	261	4M12 x 120	8,29	153,55
125/150	18694	134-154	125/150	27	263	4M12 x 130	8,22	156,30
150	18695	153-179	150	30	296	4M12 x 130	9,34	156,30
150	18696	165-185	150	35	296	4M12 x 130	8,47	194,10
200	18697	184-208	200	36	331	4M12 x 130	11,82	194,10
200	18698	206-225	200	35	341	4M12 x 130	10,53	246,25
200	18699	218-234	200	37	336	4M12 x 130	9,70	246,25
200	18700	232-255	200	35	370	4M12 x 180	13,82	333,25
250	18701	242-262	250	58	391	6M12 x 160	15,55	333,25
250	18702	260-282	250	55	396	6M12 x 180	15,47	356,20
250	18703	279-306	250	30	429	6M12 x 160	22,21	366,95
300	18704	305-331	300	46	452	6M12 x 160	19,70	405,45
300	18705	315-338	300	50	452	6M12 x 160	18,22	440,45
300	18706	337-361	300	30	478	6M12 x 180	22,50	440,45
350	18707	360-386	350	48	506	8M12 x 160	24,09	582,25
400	18708	408-435	400	52	561	8M12 x 160	27,02	686,30

Very large tolerance flange adaptor Coupling TLT - PN10 / PN 16



DN	Ref.	Range	Lu	Lht	Nr Bolts - Ø x Lg	kg	Price €
40/50	18709	47-60	50	155	2M12 x 210	3,50	69,65
50/65	18710	57-72	52	171	2M12 x 210	4,08	89,95
50/65	18711	68-85	44	184	2M12 x 210	4,75	95,60
80/100	18712	83-106	37	216	4M12 x 220	7,77	109,50
100/125	18713	103-124	63	231	4M12 x 240	8,48	142,40
100/125	18714	117-132	58	226	4M12 x 230	7,46	118,70
125/150	18715	120-135	70	261	4M12 x 230	8,42	159,10
125/150	18716	134-154	58	263	4M12 x 240	9,62	159,10
150	18717	153-179	50	296	4M12 x 240	12,70	182,50
150	18718	165-185	60	296	4M12 x 230	11,46	179,70
200	18719	184-208	60	331	4M12 x 240	13,86	215,00
200	18720	206-225	65	341	4M12 x 230	13,01	280,80
200	18721	218-234	67	336	4M12 x 230	12,37	266,35
200	18722	232-255	60	370	4M12 x 240	15,14	274,45
250	18723	242-262	80	391	6M12 x 240	15,81	289,50
250	18724	260-282	70	396	6M12 x 240	18,17	308,55
250	18725	279-306	45	429	6M12 x 240	21,73	367,60
300	18726	305-331	46	452	6M12 x 240	23,18	430,15
300	18727	315-338	55	452	6M12 x 240	21,84	414,15
300	18728	337-361	55	478	6M12 x 250	23,63	420,05
350	18729	360-386	66	506	8M12 x 250	27,02	518,85
400	18730	408-435	60	561	8M12 x 250	32,19	613,45

According to
NF-EN-545



Ductile iron fittings for PVC pipes
All socket tee



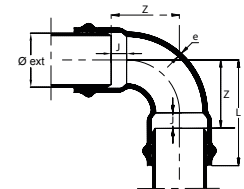
OD	Ref.	Working pressure	kg	Price €
110	1499	PN 10 - PN 16	10,80	206,45
125	10707	PN 10 - PN 16	11,60	255,10
140	1500	PN 10 - PN 16	14,20	334,15
140 x 125	27041	PN 10 - PN 16	14,00	334,30
160	9694	PN 10 - PN 16	16,00	393,05
160 x 140	10708	PN 10 - PN 16	15,50	393,05
200	9704	PN 10 - PN 16	25,30	784,45

Ductile iron fittings for PVC pipes
Double socket taper

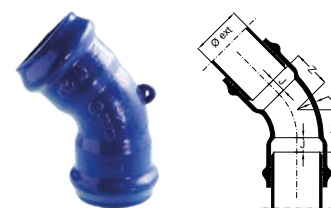


OD	Ref.	Working pressure	kg	Price €
125/110	31624	PN 10 - PN 16	6,60	151,70
140/125	10652	PN 10 - PN 16	8,00	160,80
160/125	31625	PN 10 - PN 16	9,40	188,60
160/140	1549	PN 10 - PN 16	9,50	188,60
200/160	9541	PN 10 - PN 16	14,00	257,20

Ductile iron fittings for PVC pipes
90° Double socket bend



OD	Ref.	Working pressure	Z	J	e	kg	Price €
63	1452	PN 10 - PN 16	80	10	8,0	3,60	42,55
75	1453	PN 10 - PN 16	95	15	8,5	4,40	57,80
90	1454	PN 10 - PN 16	100	15	8,5	5,60	74,00
110	1455	PN 10 - PN 16	130	15	8,5	7,80	96,10
125	1456	PN 10 - PN 16	145	15	9,0	11,00	118,20
140	1457	PN 10 - PN 16	160	15	9,0	12,50	143,30
160	1458	PN 10 - PN 16	180	15	9,5	16,80	167,20
200	1459	PN 10 - PN 16	215	15	9,5	25,40	256,05
225	1460	PN 10 - PN 16	235	15	9,5	30,90	371,55
250	1451	PN 10 - PN 16	265	15	9,5	43,30	522,50
315	1450	PN 10 - PN 16	275	20	10,0	67,60	805,70



Ductile iron fittings for PVC pipes
45° Double socket bend

OD	Ref.	Working pressure	Z	J	e	kg	Price €
63	1461	PN 10 - PN 16	50	10	8,0	3,30	37,45
75	1462	PN 10 - PN 16	60	15	8,5	3,90	50,15
90	1463	PN 10 - PN 16	65	15	8,5	4,70	63,90
110	1464	PN 10 - PN 16	75	15	8,5	6,40	84,30
125	1465	PN 10 - PN 16	80	15	9,0	9,40	102,40
140	1466	PN 10 - PN 16	85	15	9,0	9,60	122,25
160	1467	PN 10 - PN 16	95	15	9,5	12,70	144,95
200	1468	PN 10 - PN 16	110	15	9,5	19,70	222,00
225	1469	PN 10 - PN 16	125	15	9,5	25,70	310,00
250	1470	PN 10 - PN 16	135	15	9,5	33,60	444,50
315	1471	PN 10 - PN 16	165	20	10,0	53,20	685,60



Ductile iron fittings for PVC pipes
22°5' Double socket bend

OD	Ref.	Working pressure	Z	J	e	kg	Price €
63	1472	PN 10 - PN 16	35	10	8,0	3,00	41,00
75	1473	PN 10 - PN 16	40	15	8,5	3,50	46,60
90	1474	PN 10 - PN 16	45	15	8,5	4,50	57,80
110	1475	PN 10 - PN 16	50	15	8,5	5,80	75,65
125	1476	PN 10 - PN 16	60	15	9,0	8,00	95,20
140	1477	PN 10 - PN 16	65	15	9,0	9,80	108,10
160	1478	PN 10 - PN 16	70	15	9,5	12,10	133,00
200	1482	PN 10 - PN 16	80	15	9,5	17,30	204,40
225	1479	PN 10 - PN 16	95	15	9,5	24,70	288,30
250	1480	PN 10 - PN 16	105	15	9,5	29,70	394,70
315	1481	PN 10 - PN 16	115	20	10,0	45,00	610,95



Ductile iron fittings for PVC pipes
11°3' Double socket bend

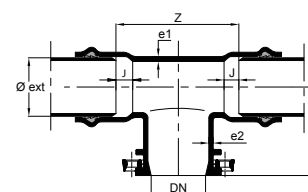
OD	Ref.	Working pressure	Z	J	e	kg	Price €
90	1484	PN 10 - PN 16	45	15	8,5	5,20	63,75
110	1485	PN 10 - PN 16	50	15	8,5	6,70	72,70
125	1486	PN 10 - PN 16	60	15	9,0	8,30	94,45
140	1487	PN 10 - PN 16	60	15	9,0	8,80	102,05
160	1488	PN 10 - PN 16	65	15	9,5	11,20	125,00
200	1489	PN 10 - PN 16	80	15	9,5	16,70	200,50
225	1490	PN 10 - PN 16	80	15	9,5	23,40	313,35
250	1491	PN 10 - PN 16	80	15	9,5	29,70	429,55
315	1483	PN 10 - PN 16	80	15	9,5	44,00	571,35

PVC range

DUCTILE IRON FITTINGS FOR PVC

Ductile iron fittings for PVC pipes

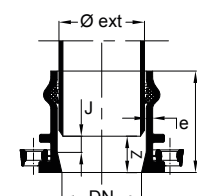
Double socket Tee with loose flange branch



OD	Tubing	Ref.	Z	l	J	e1	e2	kg	Price €
63	40	1509	80	125	10	8,0	8,0	8,00	90,25
63	60	1510	95	125	10	8,0	8,0	8,10	90,25
75	40	1511	85	135	15	8,5	8,0	8,00	100,65
75	60	1512	105	135	15	8,5	8,0	8,40	100,65
90	40	1513	95	165	15	8,5	8,0	8,10	104,85
90	60	1514	115	165	15	8,5	8,0	9,50	121,00
90	80	1515	135	165	15	8,5	8,5	10,40	121,00
110	40	1516	100	175	15	8,5	8,0	9,80	126,90
110	60	1517	115	175	15	8,5	8,0	11,90	139,10
110	80	1518	135	175	15	8,5	8,5	12,20	139,10
110	100	1519	155	175	15	8,5	8,5	13,50	139,10
125	40	1520	115	175	15	9,0	8,0	11,60	147,80
125	60	1521	135	175	15	9,0	8,0	14,20	179,30
125	80	1522	155	175	15	9,0	8,5	14,30	179,30
125	100	1523	175	185	15	9,0	8,5	15,70	183,15
125	125	1524	200	185	15	9,0	9,0	17,70	183,15
140	40	1525	115	175	15	9,0	8,0	12,50	159,45
140	60	1526	135	195	15	9,0	8,0	13,90	176,85
140	80	1527	155	195	15	9,0	8,5	15,70	191,40
140	100	1528	175	205	15	9,0	8,5	16,90	200,50
140	125	1529	200	205	15	9,0	9,0	19,30	200,50
160	60	1530	125	210	15	9,1	7,9	18,40	205,05
160	80	1531	145	200	15	9,1	8,1	19,30	219,00
160	100	1532	165	210	15	9,1	8,4	19,80	239,05
160	125	1533	185	220	15	9,1	8,8	23,10	255,30
160	150	1534	215	220	15	9,1	9,1	27,00	255,30
200	60	1535	150	230	15	9,8	7,9	23,00	275,85
200	80	1536	170	225	15	9,8	8,1	27,30	294,00
200	100	1537	190	240	15	9,8	8,4	28,90	321,10
200	125	1538	215	235	15	9,8	8,8	31,60	380,55
200	150	1539	240	250	15	9,8	9,1	33,80	385,10
200	200	1540	290	260	15	9,8	9,8	40,00	442,85
225	60	1543	130	215	15	8,4	7	25,00	343,10
225	80	1541	145	225	15	8,4	7	26,50	363,85
225	100	1542	165	230	15	8,4	7,2	29,00	394,30
250	100	1505	180	255	15	9	7,2	36,00	496,75
250	200	1506	280	275	15	9	8,4	51,00	697,35
315	100	9727	180	300	15	9,6	7,2	50,30	685,60
315	150	1503	230	310	15	9,6	7,8	58,00	805,70

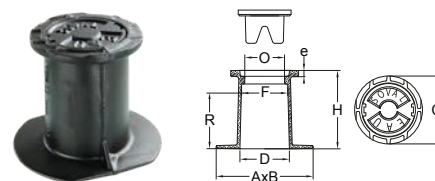
Ductile iron fittings for PVC pipes

Flanged socket



OD	DN	Ref.	Working pressure	L	Z	J	e	kg	Price €
63	60	1558	PN 10 - PN 16	100	20	10	8,0	5,50	61,10
75	60	1559	PN 10 - PN 16	150	65	15	8,5	5,80	64,45
90	80	1560	PN 10 - PN 16	165	70	15	8,5	6,50	67,75
110	100	1553	PN 10 - PN 16	125	35	15	8,5	7,50	82,90
125	125	1554	PN 10 - PN 16	145	40	15	9,0	9,50	103,30
140	125	1555	PN 10 - PN 16	195	90	15	9,0	11,00	108,85
160	150	1556	PN 10 - PN 16	205	85	15	9,5	13,90	136,20
200	200	1557	PN 10	185	50	15	9,5	18,30	199,10

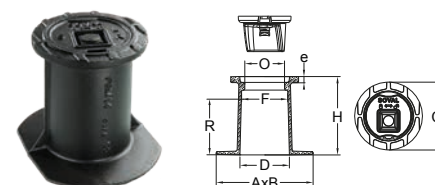
Surface box Ref. 137



Dimensions									Cast iron lid and body				Cast iron body and polyamid lid			
e	C	O	F	D	H	A x B	R		Description	Ref.	kg	Price €	Description	Ref.	kg	Price €
10	Ø140	82	95	102	160	200 x 170	125		Round	17186	5,10	31,10	Round	24989	3,80	29,35
10	140	82	95	102	160	200 x 170	125		Square	17187	5,10	31,10	Square	24990	4,10	29,35
10	140	82	95	102	160	200 x 170	125		Hex.	17188	5,20	31,10	Hex.	24991	4,10	29,35

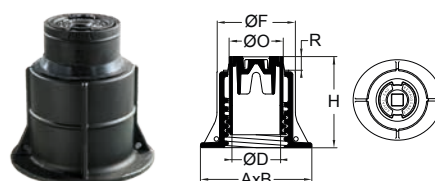
Surface box Ref. 137 secured

- Specifications :**
- 1/4-turn lock with coded footprint.
 - cap adaptable to all existing SURFACE BOX 137.
 - custom footprint of the lock.



Description	Ref.	e	C	O	F	D	H	A x B	R	kg	Price €
Round	29453	10	Ø140	82	95	102	160	200 x 170	125	5,92	74,95

Surface box Ref. 118 height adjustable



Classic version											
Description	Lid	Ref.	ØO	ØF	ØD	A x B	R	H min.	H max.	kg	Price €
Round	TP1	6903	110	145	95	200 x 220	30	150	255	10,36	110,15
Square	TP1	6904	110	145	95	200 x 220	30	150	255	10,33	110,15
Hex.	TP1	6902	110	145	95	200 x 220	30	150	255	10,33	110,15
Round	TP4	33350	110	145	95	200 x 220	30	150	255	10,36	110,15
Square	TP4	33351	110	145	95	200 x 220	30	150	255	10,33	110,15
Hex.	TP4	33352	110	145	95	200 x 220	30	150	255	10,33	110,15
Round	TP4 fire	32832	110	152	95	200 x 200	30	150	255	9,94	117,35



Lid TP1

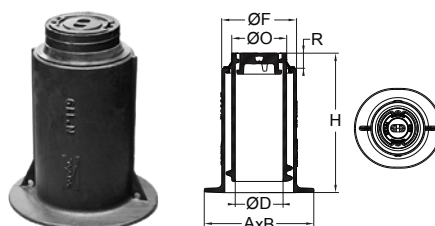


Lid TP4 lockable



Lid TP4 locked fire

Surface box Ref. 119 height adjustable

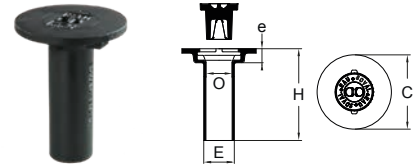


Description	Lid	Ref.	ØO	ØF	ØD	A x B	R	H mini.	H maxi.	kg	Price €
Round	TP4	30860	110	150	95	220 x 240	30	280	464	14,00	170,35
Square	TP4	30861	110	150	95	220 x 240	30	280	464	14,00	170,35
Hex.	TP4	30862	110	150	95	220 x 240	30	280	464	14,00	170,35



Lid TP4 lockable

Surface box extension
Ref. 131



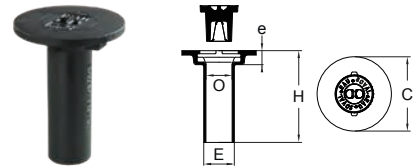
Dimensions				
C	O	H	e	
Ø170	65	207	32	
130	65	207	32	
150	65	207	32	

Ref 131 - ØE = 77mm				
Description	Ref.	E	kg	Price €
Round	6929	77	3,68	36,70
Square	6927	77	3,22	36,70
Hex.	6928	77	3,41	36,70

Ref 131 - ØE = 70mm				
Description	Ref.*	E	kg	Price €
Round	6930	70	3,60	36,70
Square	6926	70	3,30	36,70
Hex.	11186	70	3,56	36,70

* gasket on request

Surface box extension
Ref. 133



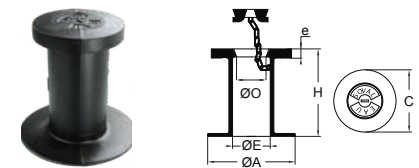
Dimensions				
C	O	E	H	e
Ø170	65	77	400	32
130	65	77	400	32
150	65	77	400	32

Ref. 133			
Description	Ref.*	kg	Price €
Round	6925	6,00	63,65
Square	6923	6,00	63,65
Hex.	6924	6,00	63,65

Ref. 133 without lock			
Description	Ref.	kg	Price €
Round	22710	6,80	63,65
Square	22708	6,80	63,65
Hex.	22709	6,80	63,65

* gasket on request

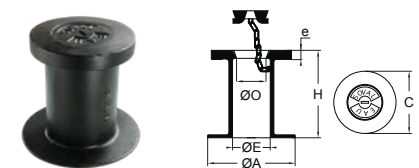
Surface box
Ref. 120 lockable



Description	Ref.	C	ØA	ØE	H	ØA	e	kg	Price €
Round	6914	Ø170	82	103	240	240	25	9,54	73,65
Square	6887	132	82	103	240	240	25	8,74	73,65
Hex.	6896	168	82	103	240	240	25	8,94	73,65

Remark : equipped with chain

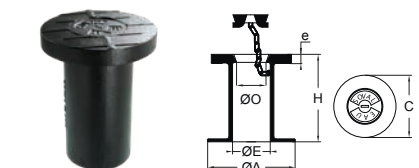
Surface box
Ref. 120 BIS lockable



Description	Ref.	C	ØA	ØE	H	ØA	e	kg	Price €
Round	6910	Ø160	82	103	180	200	25	6,32	59,25
Square	6886	132	82	103	180	200	25	6,09	59,25
Hex.	6893	162	82	103	180	200	25	6,19	59,25

Remark : equipped with chain

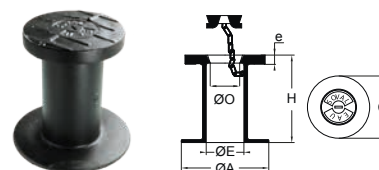
Surface box
Ref. 121 lockable without base



Description	Ref.	C	ØO	ØE	H	ØA	e	kg	Price €
Round	6913	Ø190	82	103	240	240	25	9,10	82,05
Hex.	6895	220	82	103	240	240	25	8,80	82,05

Remark : equipped with chain

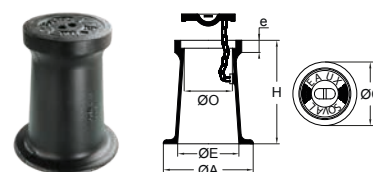
Surface box Ref. 121 lockable



Description	Ref.	C	ØO	ØE	H	ØA	e	kg	Price €
Round	6906	Ø190	82	103	240	240	25	11,61	82,05
Square	6885	180	82	103	240	240	25	12,19	82,05
Hex.	6894	220	82	103	240	240	25	11,69	82,05

Remark : equipped with chain

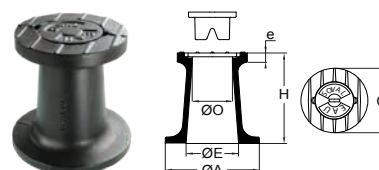
Surface box Ref. 124



Description	Ref.	ØC	ØO	ØE	H	ØA	e	kg	Price €
Round	6916	165	120	150	255	220	30	9,09	97,65

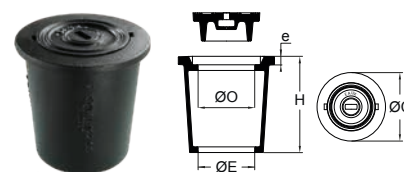
Remark : equipped with chain

Surface box Ref. 126

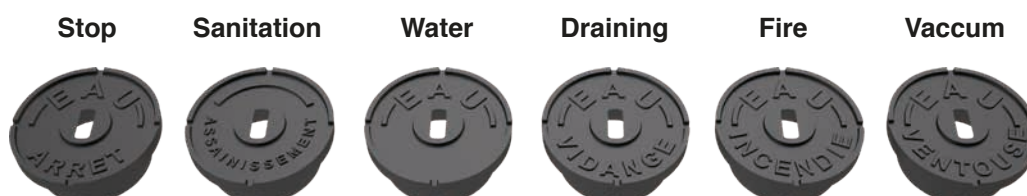


Description	Ref.	C	ØO	ØE	H	ØA	e	kg	Price €
Round	6905	Ø190	92	120	212	220	25	11,80	69,90
Hex.	6898	183	92	120	212	220	25	11,80	69,90

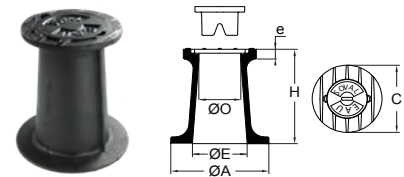
Surface box Ref. 127



Description	Lid	Ref.	ØC	ØO	ØE	H	e	kg	Price €
Round	/	6917	170	100	100	170	10	5,98	49,50
Round	Stop	44544	170	100	100	170	10	6,00	66,65
Round	Sanitation	44549	170	100	100	170	10	6,00	66,65
Round	Water	44545	170	100	100	170	10	6,00	66,65
Round	Draining	44548	170	100	100	170	10	6,00	66,65
Round	Fire	44546	170	100	100	170	10	6,00	66,65
Round	Vacuum	44547	170	100	100	170	10	6,00	66,65

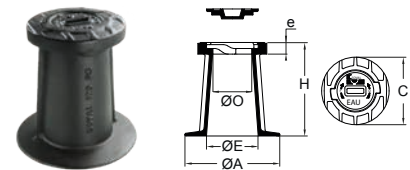


Surface box
Ref. 128



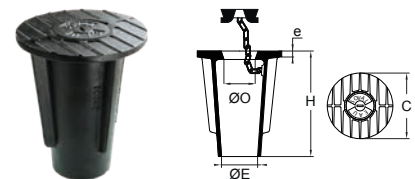
Description	Ref.	C	ØO	ØE	H	ØA	e	kg	Price €
Round	6892	Ø160	92	120	215	200	10	5,96	35,20
Square	6890	140	92	120	215	200	10	5,96	35,20
Hex.	6891	152	92	120	215	200	10	5,96	35,20

Surface box
Ref. 129 lockable



Description	Ref.	C	ØO	ØE	H	ØA	e	kg	Price €
Round	6918	Ø160	92	120	215	220	20	7,70	54,55
Square	6880	140	92	120	215	220	20	7,54	54,55
Hex.	6882	152	92	120	215	220	20	7,64	54,55

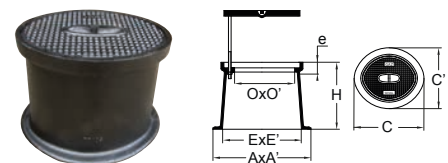
Surface box
Ref. 130 lockable



Description	Ref.	C	ØO	ØE	H	e	kg	Price €
Round	6919	Ø220	82	95	275	20	12,24	116,10
Square	6889	220	82	95	275	20	12,84	116,10
Hex.	6899	190	82	95	275	20	11,09	116,10

Remark : equipped with chain

Surface box
Ref. 140

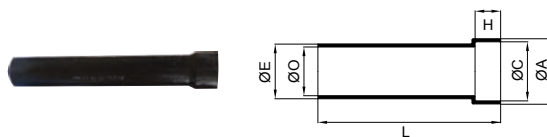


Ref.	C x C'	O x O'	E x E'	A x A'	H	e	kg	Price €
6921	267 x 370	275 x 220	363 x 261	448 x 353	300	37	29,20	454,30

• protection tubes and tabernacles, see p.54-55

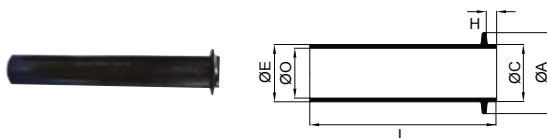


Protection tube
cast iron with socket end Ref. 135



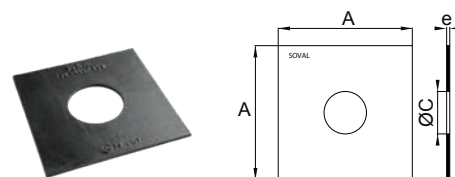
Description	Ref.	L	ØC	ØO	ØE	H	ØA	kg	Price €
135T	6831	150	95	80	90	30	107	1,65	18,35
135B	6830	300	95	80	90	40	107	3,20	25,90
135	6829	600	95	80	90	65	107	6,00	52,60

Protection tube
cast iron with collar end Ref. 136



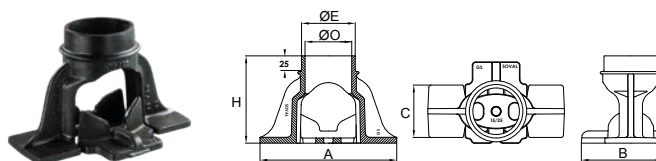
Description	Ref.	L	ØC	ØO	ØE	H	ØA	kg	Price €
136	6832	600	92	80	92	16	130	6,20	56,95
136B	6813	1000	92	80	92	16	130	12,70	106,85

Tabernacle square plate
cast iron Ref. 132



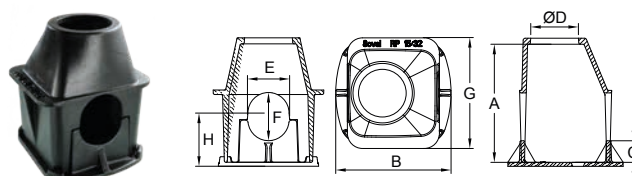
Ref.	A x A	ØC	e	kg	Price €
6774	250 x 250	95	6	2,35	24,60
6775	300 x 300	95	7	3,60	34,65
6776	345 x 345	95	7	5,40	60,10

Tabernacle 2 pieces
cast iron RP 15/25



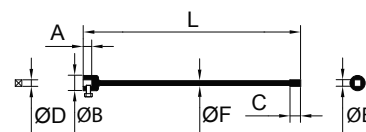
Ref.	ØE	ØO	H	A	B	C	kg	Price €
6732	90	81	150	235	140	90	3,18	53,65

Tabernacle
cast iron RP 15/32



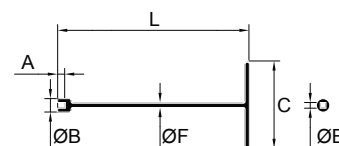
Ref.	A	B	C	ØD	E	F	G	H	kg	Price €
6733	248	220	40	95	82	95	220	105	12,38	135,50

Extension spindle



Ref.	Blocking screw	L	A	ØB	C	ØD	ØE	ØF	kg	Price €
6791	Slotted set with cone point ss A2	300	40	60	50	30	30	22	2,10	32,75
6792		500	40	60	50	30	30	22	3,00	34,85
6803	Hex. head 8.8	600	40	60	50	30	30	22	2,90	46,30
6805		1000	40	60	50	30	30	22	4,70	53,65
6808		1250	40	60	50	30	30	22	4,60	65,80
6796		1500	40	60	50	30	30	22	6,80	69,15
6789		2000	40	60	50	30	30	22	8,30	94,25
6785		3000	40	60	50	30	30	22	12,00	129,80

T key



Ref.	L	A	ØB	C	ØE	ØF	kg	Price €
6703	1	40	60	450	30	22	3,70	71,70
6695	1,25	40	60	450	30	22	5,80	75,75
6704	1,5	40	60	450	30	22	5,90	78,55
6702	1,75	40	60	450	30	22	7,30	86,35
6705	2	40	60	450	30	22	7,10	90,95
6706	2,5	40	60	450	30	22	8,00	105,60
/	> 2,5	/	/	/	/	/	/	CONSULT US

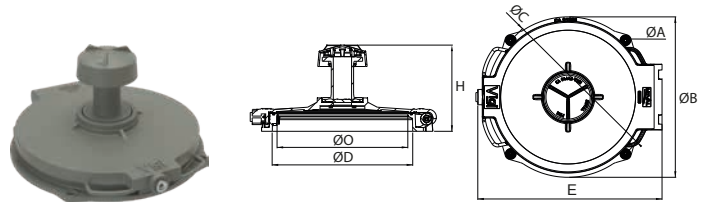
Source protection

HIGH SECURITY ACCESS COVER VIGI

- Anti-drilling**
SECUR-IT
cast iron
- Self-locking**
nuts
- Insect**
screen mesh
- Spring**
assisted

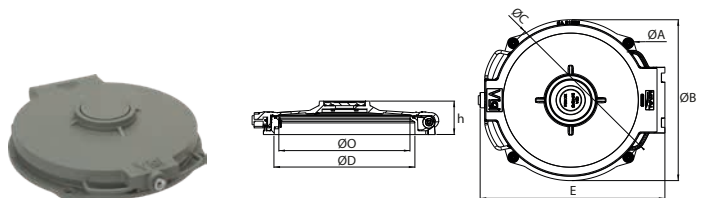
- Retention**
tank
- Security**
lock
- Intrusion**
detection sensor
- interchangeable**
= cost saving

Access cover high security VIGI with chimney



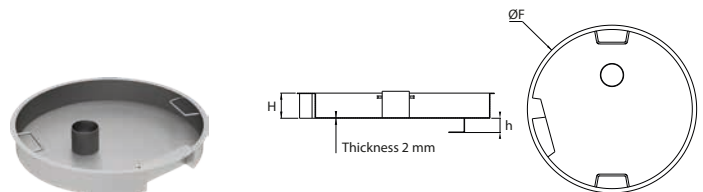
Diameter	Ref.	Locking system	ØO	ØD	ØC	ØB	ØA	E	H	kg	Price €
600	37528	euro cylinder lock	608	663	745	750	18	867	459	114,30	3411,05
700	36754	euro cylinder lock	714	767	885	885	18	1006	475	174,00	8225,65

Access cover High security VIGI full plate



Diameter	Ref.	Locking system	ØO	ØD	ØC	ØB	ØA	E	h	kg	Price €
600	37527	euro cylinder lock	608	663	745	750	18	867	168	96,00	2591,00
700	36753	euro cylinder lock	714	767	885	885	18	1006	184	151,00	6882,45

Retention tank for access cover VIGI



Ref.	Diameter	ØF	H	h	kg	Price €
33013	600	625	95	60	8,40	1880,30
33014	700	740	95	60	10,50	2101,55

Option upon request : Intrusion detector sensor



Ref.	Price €
37529	950,95

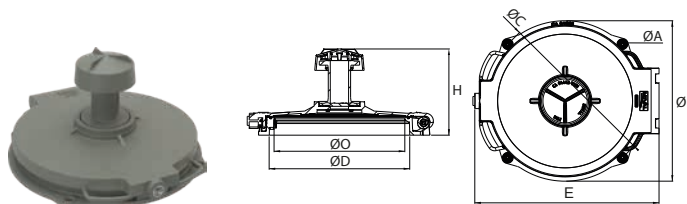
Option upon request : Fixing kit



Ref.	kg	Price €
37531*	1,00	241,35

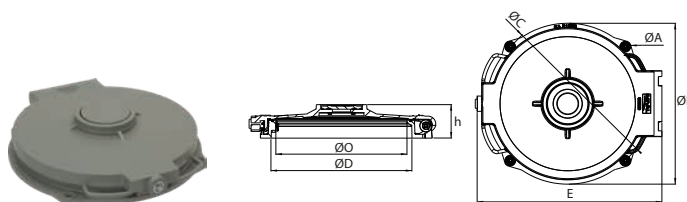
*4no self-locking nuts + 4no anchor bolts M16

Access cover regular with chimney



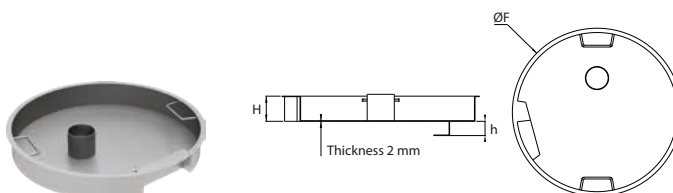
Diameter	Ref.	Locking system	ØO	ØD	ØC	ØB	ØA	E	H	kg	Price €
600	37526	triangular head	608	663	745	750	18	867	459	118,00	2429,10
600	40234	euro cylinder lock	608	663	745	750	18	867	459	118,00	2907,95
700	36780	triangular head	714	767	885	885	18	1006	475	168,69	3917,15
700	40235	euro cylinder lock	714	767	885	885	18	1006	475	168,69	4397,20

Access cover regular full plate



Diameter	Ref.	Locking system	ØO	ØD	ØC	ØB	ØA	E	H	kg	Price €
600	4191	triangular head	608	663	745	750	18	867	459	96,26	1735,30
600	40238	euro cylinder lock	608	663	745	750	18	867	459	96,26	2213,65
700	36781	triangular head	714	767	885	885	18	1006	475	144,61	3414,45
700	40239	euro cylinder lock	714	767	885	885	18	1006	475	144,61	3894,00

Retention tank for standard access cover



Ref.	Diameter	ØF	H	h	kg	Price €
33013	600	625	95	60	8,40	1880,30
33014	700	740	95	60	10,50	2101,55

Option upon request : High security lock



Ref.	Price €
37530	1513,95

Option upon request : Fixing kit



Ref.	kg	Price €
37531*	1,00	241,35

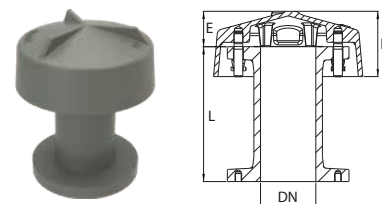
*4no self-locking nuts + 4no anchor bolts M16

Key for access cover : with triangular footprint



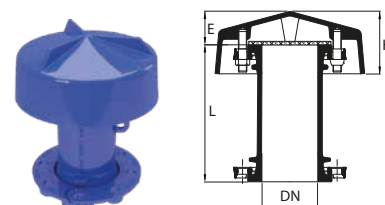
Ref.	Price €
7877	33,60

**Chimney
for regular access cover**



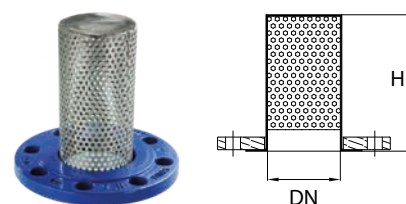
DN	Ref.	L	E	H	kg	Price €
100	38347	250	65	120	28,56	820,10
100	17082	500	65	120	32,50	499,00
100	38451	1000	65	120	41,26	666,70

**Chimney
for water tank**



DN	Ref.	L	E	H	kg	Price €
100	4193	500	65	120	27,18	499,00
100	12058	1000	65	120	40,74	666,60
150	4200	250	125	155	42,80	610,15
150	4201	500	125	155	54,50	699,70
150	4202	1000	125	155	77,10	939,60

Flanged strainer



Dimensions		Flange alone			Stainless steel basket		
DN	H	Ref.	kg	Price €	Ref.	kg	Price €
40	105	4308	2,00	42,75	19848	0,20	168,95
60/65	135	4309	2,96	46,40	19850	0,30	181,85
80	165	4310	3,70	54,00	19852	0,40	214,55
100	195	4311	4,18	60,65	19853	0,50	216,65
125	225	4312	4,06	91,70	19854	0,60	268,25
150	265	4313	4,96	101,25	19855	0,80	354,00
200	335	4315	8,00	111,50	19791	1,30	447,90
250	380	4316	12,00	185,95	19856	1,30	565,80
300	430	4317	17,80	253,20	19857	2,30	702,00



MUNICIPAL CASTINGS

Strength and safety are the foundations of a range of municipal casting equipments developed by SOVAL that complies with the requirements of standards (EN 124, PRM ...).

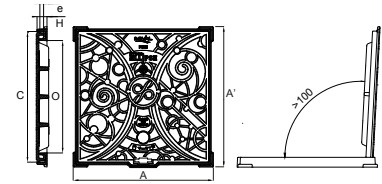
Municipal castings & access covers ELLIPSE ...	p.38
Round manhole covers MAXUM	p.39
Round manhole covers KANTUM	p.42
Round manhole covers.....	p.43
Hydraulic access covers.....	p.44
Access covers for pipe installation	p.46
Gratings.....	p.48
Curbside gully covers	p.52
Cast iron plates.....	p.53





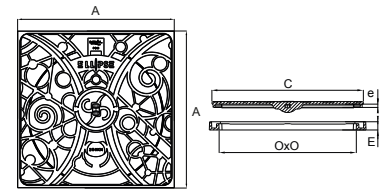


Hydraulic access cover HYDR'O
ELLIPSE B125 & C250



Description	Class	Ref.	Coating	O	A x A'	C	H	e	kg	Price €
Hydr'o 400	C250	36533	water based black paint	305 x 305	400 x 400	365 x 365	35	11	15,90	134,20
Hydr'o 400	C250	30248	color paint	305 x 305	400 x 400	365 x 365	35	11	16,00	N.C
Hydr'o 500	B125	36534	water based black paint	400 x 400	500 x 500	465 x 465	35	11	23,15	213,00
Hydr'o 500	B125	29967	color paint	400 x 400	500 x 500	465 x 465	35	11	23,15	N.C
Hydr'o 500	C250	37745	water based black paint	400 x 400	500 x 500	465 x 465	35	11	23,15	237,25
Hydr'o 500	C250	37746	color paint	400 x 400	500 x 500	465 x 465	35	11	23,15	N.C

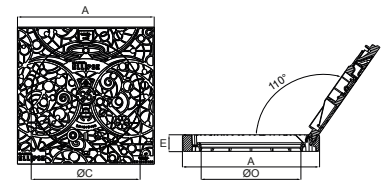
Hydraulic access cover 800
ELLIPSE 250 KN



Ref.	Coating	O x O	A x A	C x C	E	e	kg	Price €
36535	water based black paint	700 x 700	800 x 800	773 x 773	42	6	74,00	698,05
30568	color paint	700 x 700	800 x 800	773 x 773	42	6	74,00	N.C



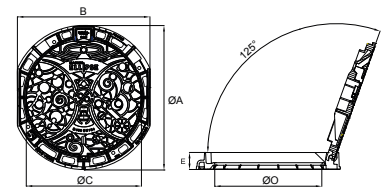
Round manhole cover MAXUM 600
ELLIPSE exposed frame D400



Ref.	Coating	Version	ØO	A x A	ØC	E	kg	Price €
36536	water based black paint	safety	610	850 x 850	675	100	157,00	1163,45
30424	color paint	safety	610	850 x 850	675	100	157,00	N.C



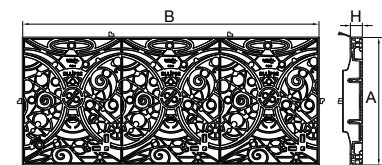
Round manhole cover MAXUM 600
ELLIPSE D400



Frame	Ref.	Coating	Version	ØO	ØA	ØC	E	kg	Price €
round	37743	water based black paint	safety	610	Ø 850	675	100	97,00	700,30
round	30423	color paint	safety	610	Ø 675	675	100	97,00	N.C
square	37744	water based black paint	safety	610	850 x 850	675	100	108,00	816,10
square	30420	color paint	safety	610	850 x 850	675	100	108,00	N.C



Standard access cover
ELLIPSE LT C250



Description	Ref.	Coating	Lay-out	OL	A	B	H	kg	Price €
L1T	37739	water based black paint	□	635 x 427	507	645	60	45,00	89,95
	30569	color paint							89,95
L2T	37740	water based black paint	▭	1269 x 427	507	1279	60	85,00	126,05
	30570	color paint							126,05
L3T	37741	water based black paint	▭▭	1489 x 527	647	1499	60	122,00	160,80
	30571	color paint							160,80
L4T	/	water based black paint	▭▭▭	1876 x 527	647	1996	60	141,40	N.C
	35490	color paint							242,75
1/2 L4T	37742	water based black paint	▭▭	992 x 527	647	1002	60	76,20	123,90
	32349	color paint							123,90

MAXUM

RAW

"Naked" cast iron

A round manhole cover without paint



SUSTAINABILITY

Every gesture counts!

- Optimization of the carbon footprint during the manufacturing process
- End of volatile organic compound (VOC) in sewerage systems



TECHNICALLY AND PRICE-WISE

- Increases cement mortar and concrete grip adhesion with the frame
- Manufacturing and delivery process maximized



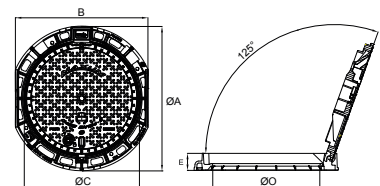
PRODUCT COMPLIANCE

Extract of european standard EN 124-2

- Coatings are for aesthetic purposes only and are not regarded as a corrosion protection system.



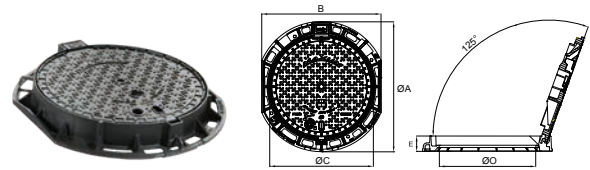
Round manhole cover MAXUM 600 RAW D400



Frame	Ref.	Description	ØO	ØA	B	ØC	E	kg	Price €
round	42237	Easy-Shut Raw	610	850	780	675	100	87,77	567,95
square	42238	Easy-Shut Raw	610	850 x 850	/	675	100	97,32	653,15



Round manhole cover MAXUM 600 D400

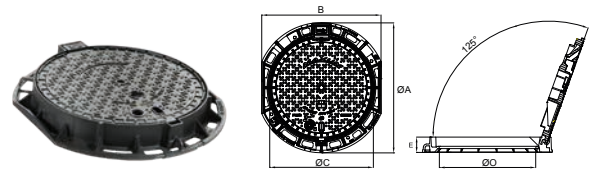


Frame	Ref.	Version	ØO	ØA	B	ØC	E	kg	Price €
round	18791	Easy-Shut	610	850	780	675	100	87,77	561,70
square	12132	Easy-Shut	610	850 x 850	/	675	100	97,32	709,90



Round manhole cover MAXUM 600 E600

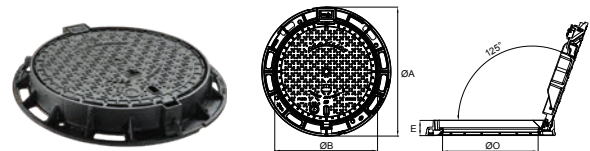
Remark : square frame : CONSULT US



Frame	Ref.	Version	ØO	ØA	B	ØC	E	kg	Price €
round	25390	Easy-Shut	610	850	780	675	100	96,00	786,70



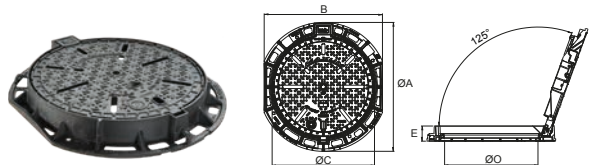
Round manhole cover MAXUM 600 F900



Frame	Ref.	Version	ØO	ØA	ØB	E	kg	Price €
round	26849	Easy-Shut	610	850	675	100	120,60	1076,20
square	35186	Easy-Shut	610	850 x 850	675	100	124,67	1318,85



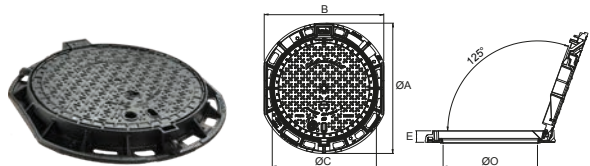
Round manhole cover MAXUM 600 vented D400



Frame	Ref.	Version	ØO	ØA	B	ØC	E	kg	Price €
round	19049	Easy-Shut	610	850	Ø 780	675	100	84,72	614,80
square	17191	Easy-Shut	610	850 x 850	/	675	100	94,27	709,90



Round manhole cover MAXUM 600 ht.75mm D400

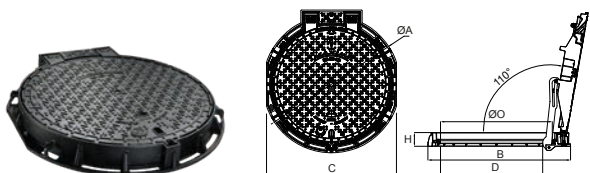


Frame	Ref.	Version	ØO	ØA	B	ØC	E	kg	Price €
round	23490	Easy-Shut	610	850	780	675	75	84,67	656,00



Round manhole cover MAXUM 800 D400

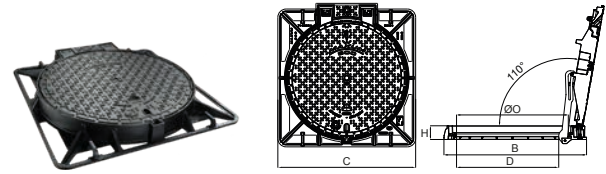
Remark : assist lift with gas strut (Ref. 22570) : CONSULT US



Frame	Ref.	Version	ØO	ØA	B	C	D	H	kg	Price €
round	22393	safety	817	1000	1040	950	762	100	120,10	1217,45
round	22395	SAE	817	1000	1040	950	762	100	122,48	1541,30



Round manhole cover MAXUM 800 square D400

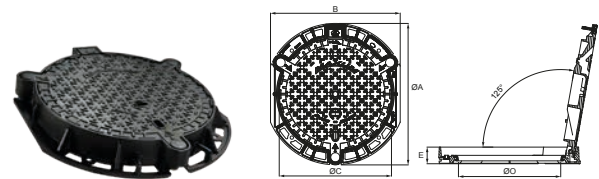


Frame	Ref.	Description	ØO	B	C	D	H	kg	Price €
square	25817	safety	817	1040	1000	762	100	134,30	1361,90
square	25818	with lock SAE	817	1040	1000	762	100	136,68	1675,25

Remark : assist lift with gas strut (Ref. 25993) : CONSULT US



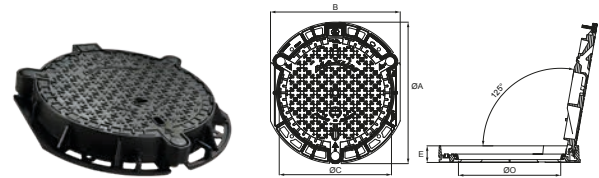
Round manhole cover MAXUM watertight D400



Frame	Ref.	Description	ØO	ØA	B	ØC	E	kg	Price €
round	25816	safety	610	850	780	675	100	98,05	1010,95



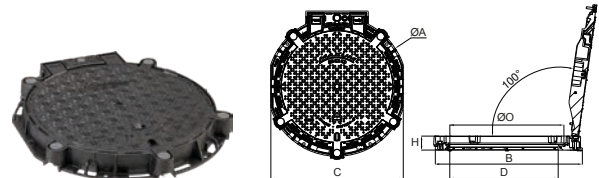
Round manhole cover MAXUM watertight E600



Frame	Ref.	Description	ØO	ØA	B	ØC	E	kg	Price €
round	25906	safety	Ø 610	Ø 850	780	Ø 675	100	98,00	1188,55

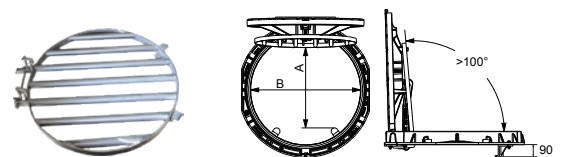


Round manhole cover MAXUM 800 watertight D400



Frame	Ref.	Description	ØO	ØA	B	C	D	H	kg	Price €
round	45564	Easy-Shut	817	1000	1065	950	774	100	136,00	1603,90
round	45565	Assist lift	817	1000	1065	950	774	100	136,00	2424,50

Fall safety equipment for Maxum manhole cover



Ref. MHC	Ref.	A	B	kg	Price €
Maxum 600	24834	504	617	9,30	941,90
Maxum 800	25607	597	817	13,50	1501,10

Remark : Fall safety equipment made of Stainless Steel 316L

Accessory 1/4 turn lock



Ref.	Price €
11442	73,25

Accessory MAXUM gasket



Description	Ref.	Price €
Maxum 600	11999	37,60
Maxum 800	28612	68,70

Accessory Security Kit



Ref.	Price €
43363	251,90



KANTUM

New manhole cover
MEDIUM TRAFFIC FLOW

> **Easy-Shut** hinge for an easier handling of the cover



> **Soundproofing** molded EPDM gasket = high resistance



> **Identification of the network** with colored dots



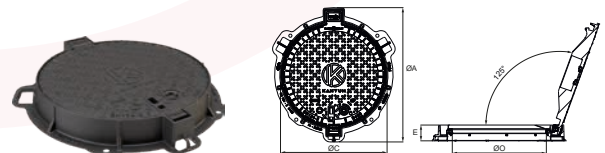
> **Self-locking** by means of Cast Iron/EPDM compression (patented)



> **Pre-equipped frame** to set up a stainless steel safety grid.



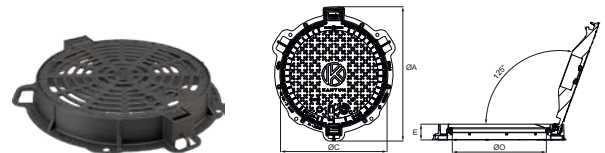
Round manhole cover **KANTUM D400**



Frame	Ref.	Version	ØO	ØA	ØC	H	kg	Price €
round	43362	Easy-Shut	600	850	640	100	54,00	506,00



Grating **KANTUM D400**



Frame	Ref.	Version	ØO	ØA	ØC	H	kg	Price €
round	44011	Easy-Shut	600	850	640	100	55,34	460,00

Fall safety equipment



Accessory **1/4 turn lock**



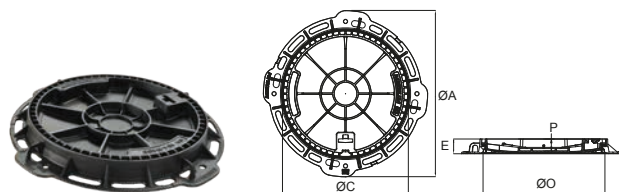
Accessory **KANTUM gasket**



Ref.	kg	Price €	Ref.	kg	Price €	Ref.	kg	Price €
44012	10,77	1003,50	11442	0,50	73,25	44013	0,50	39,20

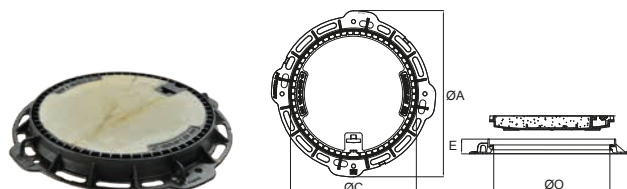
Remark : Fall safety equipment made of Stainless Steel

Round manhole cover slow traffic flow
MEDIUM TO INFILL 400 KN



Frame	Ref.	ØO	ØA	P	ØC	E	kg	Price €
round	16773	600	850	60	645	75	47,50	354,00

Round manhole cover slow traffic flow
MEDIUM D400

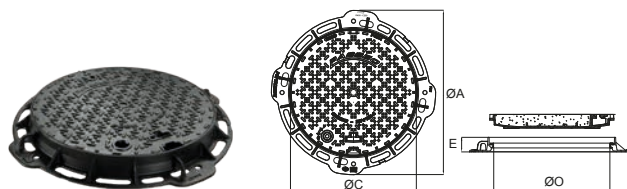


Frame	Ref.	ØO	ØA	ØC	E	kg	Price €
round	10053*	600	850	645	75	79,10	456,50

*equipped with anchoring devices



Kerb manhole cover
PASSEO C250

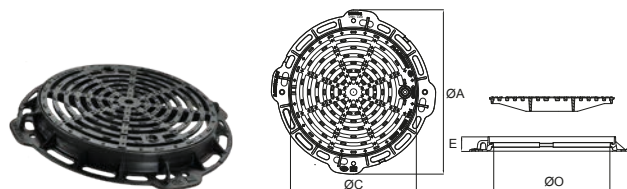


Frame	Ref.	ØO	ØA	ØC	E	kg	Price €
round	17917	600	850	645	75	51,50	415,75

Remark : badging : CONSULT US



Grating
PASSEO C250



Frame	Ref.	ØO	ØA	ØC	E	kg	Price €
round	17916	Ø 600	Ø 850	Ø 645	75	50,35	419,20

Remark : Absorption surface : 13,7 dm²

CAST IRON NUDGE

« Ici commence la mer »

In french : «The sea starts here, don't litter» More and more often, we can see this message appearing in front of a kerb gully grating...

The aim is clear: **please don't throw anything away, because everything that goes down the drain ends up polluting the ocean sooner or later.**

With this slogan, Soval launches the creation of **2no brand new original designs of cast iron sealing nails.** Why not yours ?

Remarks :

Available with water based black paint or with polyester colored coating.

Sealing nail «ici commence la mer» **Sea pattern**



Ref.	Diameter	kg	Price €
43183	140	1,00	66,00

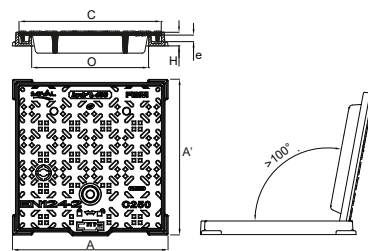
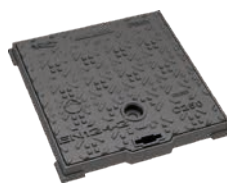
Sealing nail «ici commence la mer» **Seagull pattern**



Ref.	Diameter	kg	Price €
43184	140	1,00	66,00



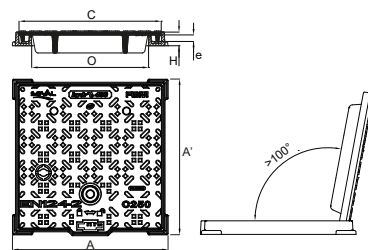
Hydraulic access cover
HYDR'O B125



Description	Ref.	Version	O	A x A'	C	H	e	kg	Price €
Hydr'o 300	22383	without lock	230 x 230	330 x 330	295 x 295	35	9	10,54	79,25
Hydr'o 400	22384	without lock	305 x 305	400 x 400	365 x 365	35	11	15,10	110,70
Hydr'o 500	22385	without lock	400 x 400	500 x 500	465 x 465	35	11	22,80	184,40
Hydr'o 600	22386	without lock	500 x 500	600 x 600	565 x 565	41	8	32,70	289,85
Hydr'o 700	22387	without lock	600 x 600	700 x 700	665 x 665	41	9	42,20	411,50
Hydr'o 300	23441	with lock	230 x 230	330 x 330	295 x 295	35	9	11,05	156,75
Hydr'o 400	23442	with lock	305 x 305	400 x 400	365 x 365	35	11	15,61	188,60
Hydr'o 500	23443	with lock	400 x 400	500 x 500	465 x 465	35	11	22,51	262,95
Hydr'o 600	23444	with lock	500 x 500	600 x 600	565 x 565	41	8	33,21	368,85
Hydr'o 700	23445	with lock	600 x 600	700 x 700	665 x 665	41	9	42,71	490,40



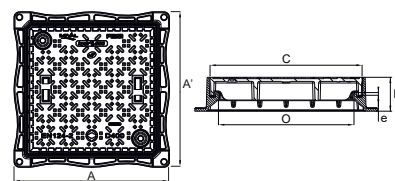
Hydraulic access cover
HYDR'O C250



Description	Ref.	Version	O	A x A'	C	H	e	kg	Price €
Hydr'o 400	35524	without lock	305 x 305	400 x 415	365 x 365	35	11	18,50	131,65
Hydr'o 500	35525	without lock	400 x 400	500 x 515	465 x 465	35	11	21,60	232,70
Hydr'o 600	35526	without lock	500 x 500	600 x 615	565 x 565	41	8	46,50	399,80
Hydr'o 400	35527	with lock	305 x 305	400 x 415	365 x 365	35	11	18,51	234,35
Hydr'o 500	35528	with lock	400 x 400	500 x 515	465 x 465	35	11	22,27	335,50
Hydr'o 600	35529	with lock	500 x 500	600 x 615	565 x 565	41	8	46,50	503,10



Hydraulic access cover
HYDR'O D400



Description	Ref.	Version	O	A x A'	C	H	e	kg	Price €
Hydr'o 400	44935	without lock	305	440 x 440	350	100	8	28,50	272,80
Hydr'o 500	43806	without lock	400	540 x 540	450	100	8	41,10	358,80
Hydr'o 600	43808	without lock	500	640 x 640	550	100	8	53,90	516,90
Hydr'o 700	43810	without lock	600	740 x 740	650	100	8	69,20	705,00
Hydr'o 400	44936	with lock	305	440 x 440	350	100	8	28,50	326,80
Hydr'o 500	43807	with lock	400	540 x 540	450	100	8	41,10	415,60
Hydr'o 600	43809	with lock	500	640 x 640	550	100	8	53,90	573,65
Hydr'o 700	43811	with lock	600	740 x 740	650	100	8	69,20	761,75



Network identification
EPDM colored dots

Dots	Ref.	kg	Price €
Eu & EP	36513	0.14	14,45
AEP	36514	0.07	9,25



Locking kit
1/4 turn

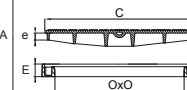
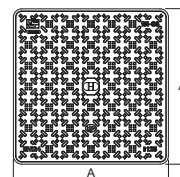
Ref.	Price €
35978	94,55



Option : locking, CONSULT US

Hydraulic access cover

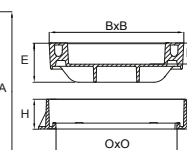
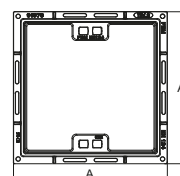
N°151 B125



Ref.	O x O	A	C	E	e	kg	Price €
7680	190 x 190	250 x 250	230 x 230	30	10	6,76	53,00
7685	700 x 700	800 x 800	773 x 773	42	6	63,85	526,35

Recessed infill hydraulic access cover

N°401 400 KN slow traffic flow



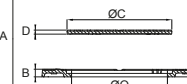
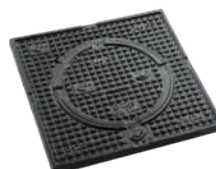
Description	Ref.	O x O	A x A	B x B	E	H	h	kg	Price €
350 x 350	32911	300 x 300	400 x 400	345 x 345	140	112	80	35,30	315,45
500 x 500	32912	450 x 450	580 x 580	500 x 500	150	112	80	54,50	377,10
650 x 650	32913	600 x 600	740 x 740	650 x 650	160	112	80	81,00	661,40



Option : locking, CONSULT US

Access cover

N°144 B125



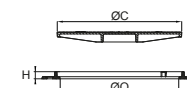
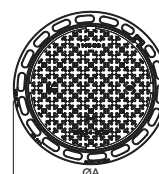
Ref.	ØO	A x A	B	ØC	D	kg	Price €
7727	150	250 x 250	17	174	10	4,20	40,65
7715	175	300 x 300	17	200	12	6,30	43,90
7716	245	400 x 400	19,5	271	10,5	11,10	82,30
7717	350	500 x 500	30	375	19,5	19,60	142,05
7767	425	600 x 600	28	446	21	25,00	188,85
7718	500	700 x 700	36	523	26	43,90	357,05
7719	610	800 x 800	35,5	640	26	50,90	495,65



Option : locking, CONSULT US

Access cover

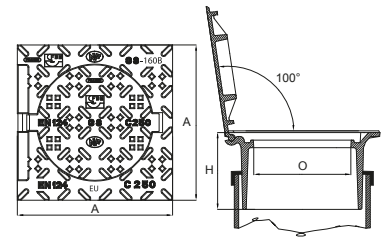
N°145 B125



Ref.	ØO	ØA	ØC	H	kg	Price €
7728	610	800	635	37	43,20	387,30



Access cover for pipe installation N°159 C250



Description	Ref.	O	A x A	H	kg	Price €
159	15341	Ø 180	300 x 300	125	13,72	143,60

Remarks :

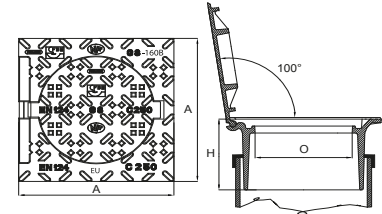
- with gasket and hinged lid PVC 250
- fitting : PVC 250 + gasket
- with hydraulic throat



Option : locking, CONSULT US



Access cover for pipe installation N°160 bis C250



Description	Ref.	O	A x A	H	kg	Price €
160 BIS	15342	Ø 230	360 x 360	155	20,43	157,55

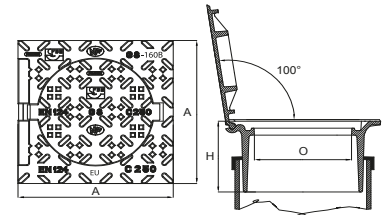
Remarks :

- with gasket and hinged lid PVC 315
- fitting : PVC 315 + gasket
- with hydraulic throat



Option : locking, CONSULT US

Access cover for pipe installation N°160 bis 400 KN - slow traffic flow



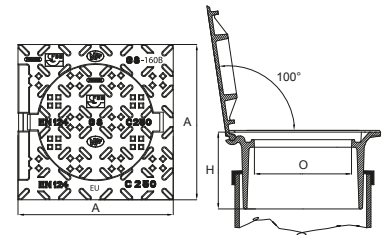
Description	Ref.	O	A x A	H	kg	Price €
160 BIS	26641	Ø 230	360 x 360	155	20,43	255,90

Remarks :

- with gasket and hinged lid PVC 315
- fitting : PVC 315 + gasket
- with hydraulic throat



Access cover for pipe installation PVC 315 without hydraulic throat N°160 bis SGH C250



Description	Ref.	O	A x A	H	kg	Price €
160 BIS SGH	35457	Ø 230	360 x 360	178	17,13	157,55

Remarks :

- with gasket and hinged lid PVC 315
- fitting : PVC 315 + gasket
- without hydraulic throat



Option : locking and watertightness

Locking kit for access cover N°160



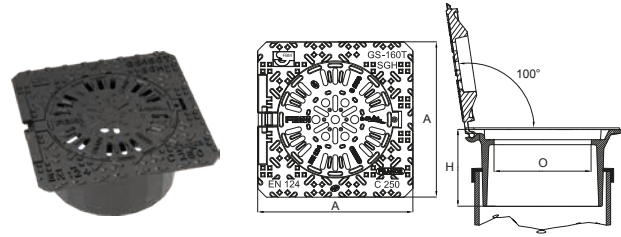
Description	Ref.	kg	Price €
Locking kit with watertightness gasket	35848	0,04	56,05
Locking kit	35870	0,03	30,35

Manhole covers

GRATINGS FOR PIPE INSTALLATION



Grating for pipe installation N°160 ter C250

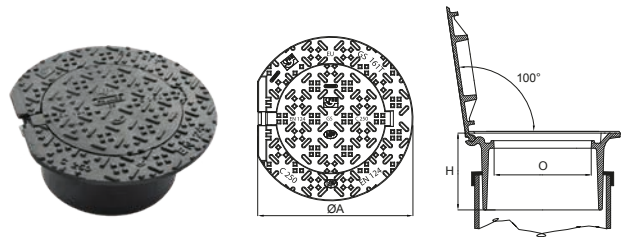


Description	Ref.	Absorption surface	O	A x A	H	kg	Price €
160 TER	28864	1,2 dm ²	Ø 225	360 x 360	178	24,23	250,20
160 TER With lock	28568	1,2 dm ²	Ø 225	360 x 360	178	24,23	260,95

Remarks : - with gasket and hinged lid PVC 315
- fitting : PVC 315 + gasket



Access cover for pipe installation N°161 ter C250



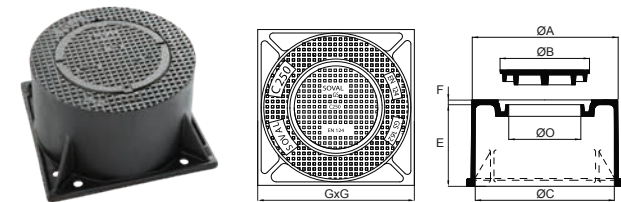
Description	Ref.	O	ØA	H	kg	Price €
161 TER	15347	Ø 230	400	155	24,63	157,55

Remarks : - with gasket and hinged lid
- fitting : PVC 315 + gasket
- with hydraulic throat

Option : Locking system, CONSULT US



Access cover for pipe installation N°162 ter C250

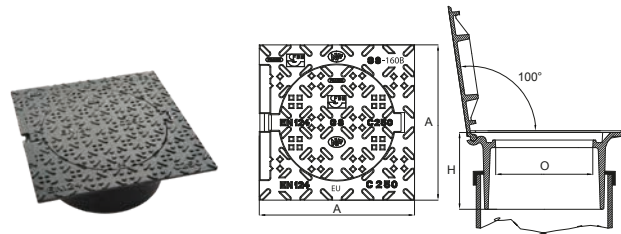


Description	Ref.	ØO	ØA	ØB	ØC	E	F	G x G	kg	Price €
162	7903	180	336	235	320	185	15	360	26,95	201,95

Remarks : - for PVC pipes, CR4 ou CR8 / Ø 335 ext.



Access cover for pipe installation N°163 C250



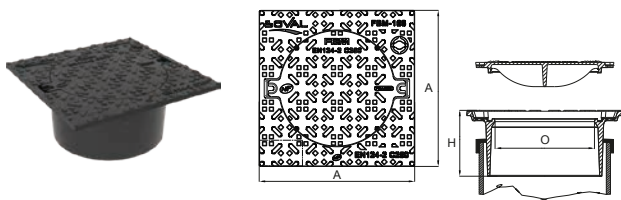
Description	Ref.	O	A x A	H	kg	Price €
163	15350	Ø 285	460 x 460	168	31,41	308,75

Remarks : - with gasket and hinged lid
- fitting : PVC 400 + gasket
- with hydraulic throat

Option : Locking system, CONSULT US



Access cover for pipe installation N°166 C250



Description	Ref.	O	A x A	H	kg	Price €
166	36984	Ø 230	360 x 360	150	16,33	168,50
166 with lock	36986	Ø 230	360 x 360	150	16,33	236,15

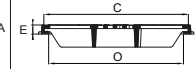
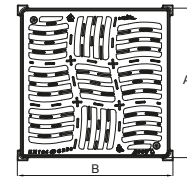
Remarks : - with gasket and hinged lid
- fitting : PVC 315 + gasket
- with hydraulic throat

Option : watertightness, CONSULT US



Option : locking, CONSULT US

Flat grating ACCY'O C250

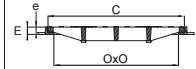
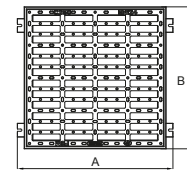


Ref.	O x O	A x A	B x B	C x C	E	Absorption surface	kg	Price €
27179	250 x 250	300 x 300	320 x 320	282 x 282	30	3,35 dm ²	8,80	101,05
26941	350 x 350	400 x 400	420 x 420	382 x 382	30	5,9 dm ²	15,65	154,05
26942	450 x 450	500 x 500	520 x 520	482 x 482	30	9,6 dm ²	24,70	230,75
28458	550 x 550	600 x 600	620 x 620	582 x 582	30	13,2 dm ²	35,86	363,00
28702	650 x 650	700 x 700	720 x 720	681 x 681	30	15 dm ²	56,10	456,10



Option : locking, CONSULT US

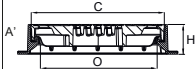
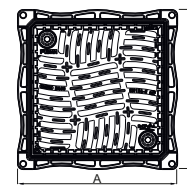
Flat grating N°700 C250



Ref.	O x O	A x B	C x C	E	e	Absorption surface	kg	Price €
7783	165 x 165	230 x 230	200 x 200	38	27	1,7 dm ²	6,80	51,00
7784	215 x 215	265 x 265	250 x 250	38	27	2,7 dm ²	10,70	63,75



Flat grating ACCY'O D400

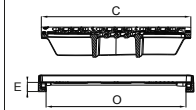
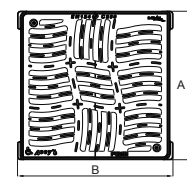


Description	Ref.	Description	O	A x A'	C	H	Absorption surface	kg	Price €
Accy'o 500	43812	without lock	400	540 x 540	450	100	7,2 dm ²	42,98	367,20
Accy'o 600	43813	without lock	500	640 x 640	550	100	11,6 dm ²	55,88	529,45
Accy'o 700	43814	without lock	600	740 x 740	650	100	15,1 dm ²	74,28	734,25
Accy'o 500	43815	with lock	400	540 x 540	450	100	7,2 dm ²	43,00	424,05
Accy'o 600	43816	with lock	500	640 x 640	550	100	11,6 dm ²	55,90	586,20
Accy'o 700	43817	with lock	600	740 x 740	650	100	15,1 dm ²	74,30	791,00



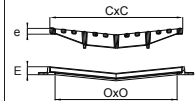
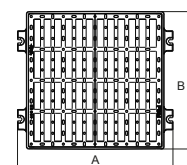
Option : locking, CONSULT US

Concave grating ACCY'O C250



Ref.	O x O	A x A	B	C x C	E	Absorption surface	kg	Price €
28632	350 x 350	481 x 420	420	400 x 400	30	5,5 dm ²	15,64	146,25
28613	450 x 450	581 x 520	520	500 x 500	30	9,4 dm ²	26,00	218,45
28704	550 x 550	681 x 620	620	600 x 600	30	13,2 dm ²	36,55	361,90

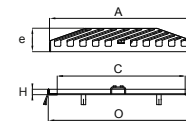
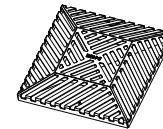
Concave grating slow traffic flow N°701 400 KN



Ref.	O x O	A x B	C x C	E	e	Absorption surface	kg	Price €
30117	350 x 350	480 x 420	400 x 400	38	27	5,0 dm ²	20,30	210,10
29023	450 x 450	580 x 520	500 x 500	38	27	7,5 dm ²	35,20	306,30
30119	550 x 550	680 x 620	600 x 600	36	26	18,6 dm ²	41,20	471,30



Grating KEOPS C250

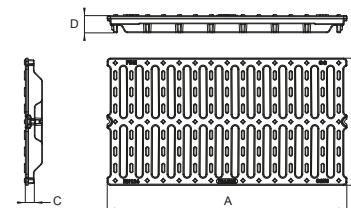


Ref.	O	A	C	H	h	Absorption surface	kg	Price €
15785	380	400	470	96	38	8,0 dm ²	17,80	281,20
15786	470	500	570	120	40	13,0 dm ²	31,00	422,05
15784*	714	810	814	130	30	34,0 dm ²	83,00	1884,65

*Steel frame and grating



Flat grating N°709 C250



Ref.	A	B	H	h	Absorption surface	kg	Price €
19382	750	200	44	27	5,6 dm ²	10,70	79,00
25886	750	300	45	27	6,2 dm ²	19,40	136,50
23111	750	400	53	27	8,9 dm ²	32,00	206,05

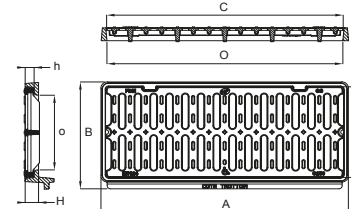


Chaining for flat grating N°709

Ref.	Price €
17189	11,60



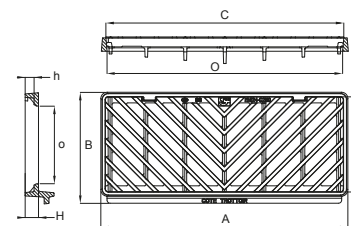
Flat grating with cast iron frame N°709 C250



Ref.	O x o	A	B	C	D	H	h	Absorption surface	kg	Price €
25887	744 x 244	774	347	750	300	40	27	9,7 dm ²	35,70	247,55



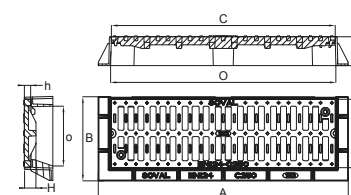
Flat grating with cast iron frame AT N°703 C250



Ref.	O x o	A	B	C	D	H	h	Absorption surface	kg	Price €
7778	744 x 244	774	347	750	300	40	28	12,7 dm ²	40,25	272,15



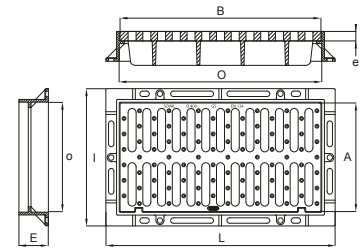
Grating with cast iron frame N°710 C250



Ref.	O x o	A	B	C	D	E	H	h	Absorption surface	kg	Price €
22931	1001 x 301	1117	371	1000	300	127	52	30	11,2 dm ²	65,47	541,70



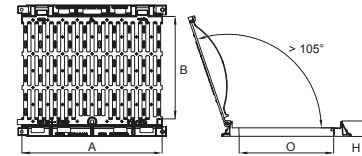
Flat grating N°706 D400



Description	Ref.	O x o	L	I	B	A	E	e	Absorption surface	kg	Price €
Grating + frame	7793	700 x 350	854	504	750	400	100	35	10,0 dm ²	49,95	629,65
Grating	10135	/	/	/	750	400	/	35	10,0 dm ²	24,65	340,40



Hinged gully grating - locked VERS'O E600 on 2 T section frame

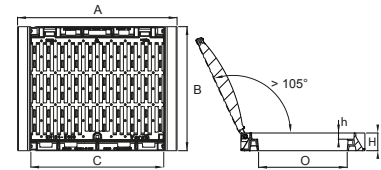


Ref.	O	A	B	H	Absorption surface	kg	Price €
26239	500	750	575	100	17,5 dm ²	88,70	715,65

Remark : locked by H head screw or special head : CONSULT US

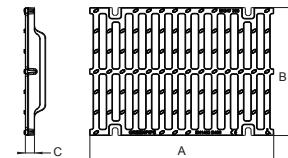


Hinged gully grating - locked VERS'O E600 with cast iron frame



Ref.	O	A	B	C	H	h	Absorption surface	kg	Price €
33272	500	900	750	700	100	35	17,5 dm ²	105,20	1450,85

Remark : locked by H head screw or special head : CONSULT US



Drainage channel gratings BIG47 D400 - E600 - F900

Ref.	Class	A	B	H	Absorption surface	kg	Price €
45551	D400	500	100	25	2,95	4,1	N.C
45552		500	150	25	4,20	5,95	N.C
45553		500	200	25	5,30	8	N.C
44196		500	300	25	7,50	15,2	N.C
40300		500	400	25	10,05	20,9	N.C
40299		500	500	25	11,50	30,3	N.C
45554	E600	500	300	25	7,81	17,6	N.C
45555		500	400	25	8,65	27,9	N.C
45556		500	500	25	10,60	36,4	N.C
45141		500	600	25	15,50	48	N.C
45557	F900	500	200	25	5,00	11,1	N.C
45558		500	300	25	7,22	24,5	N.C
45296		500	400	25	8,40	31,7	N.C
45499		500	500	25	10,50	43,7	N.C

Remark : For 1 lm of 500x300 D400 grating : 2no gratings ref 44196 + 2no sections ref 40301 + 8 no kits ref 40303

Section/Profile for grating BIG47



Ref.	Length	kg	Price €
40301	1000	5,00	N.C

Remark : profile 1000 = 2no gratings

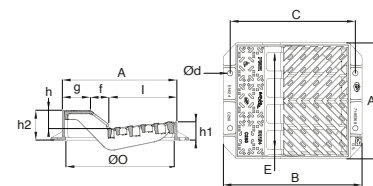
Fixing kit for grating BIG47



Ref.	Price €
40303	N.C



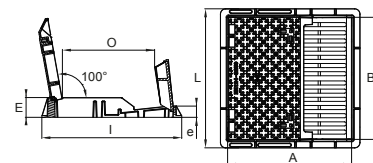
Kerb gully unit A ant T profile with grating N°702 C250



Description	Ref.	A x A	O	B	C	d	E	f	g	h	h1	h2	l	Absorption surface	kg	Price €
Profile A	7779	500 x 500	Ø 475	605	545	Ø 22	424	80	120	80	80	130	300	8,8 dm ²	52,25	435,10
Profile T	7780	500 x 500	Ø 475	605	550	Ø 22	422	30	170	140	77	187	300	10,7 dm ²	52,00	442,85



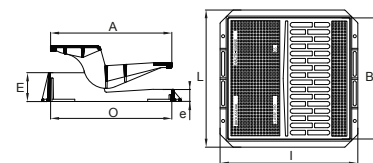
Kerb gully unit T profile with grating N°102 C250



Description	Ref.	O	A x B	L	I	E	e	Absorption surface	kg	Price €
Profile A	11048	600	800 x 805	920	900	130	74	17,0 dm ²	143,00	1305,00



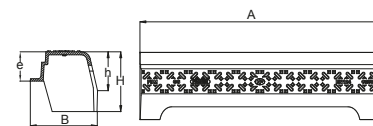
Kerb gully unit T profile with grating N°100 bis C250



Description	Ref.	O x O	A x B	L	I	E	e	Absorption surface	kg	Price €
Profile T	17545	800 x 800	800 x 800	906	926	190	80	22,0 dm ²	156,00	1216,00

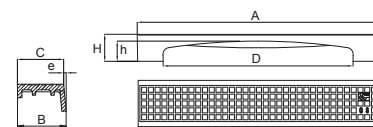


Kerb gully unit N°298 C250



Description	Ref.	A	B	H	h	e	Absorption surface	kg	Price €
Profile A	16914	800	225	120	78	78	3,4 dm ²	17,60	182,90
Profile T	16915	800	225	200	130	98	5,7 dm ²	25,00	236,95

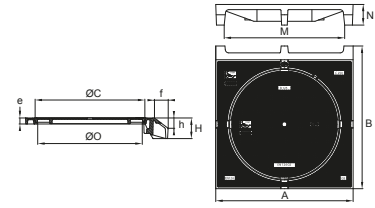
Kerb gully unit N°309, 310, 314 - 250 KN



Description	Ref.	A	B	C	D	e	H	h	Absorption surface	kg	Price €
N°309	7776	1060	180	180	740	20	160	100	9,2 dm ²	39,00	662,65
N°310	10142	1440	275	275	1130	20	160	120	14,0 dm ²	114,00	924,30
N°314	7777	1300	200	200	1200	20	220	125	12,0 dm ²	64,00	764,60

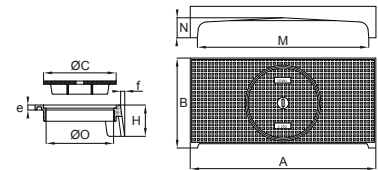


Curbside gully cover N°296 C250



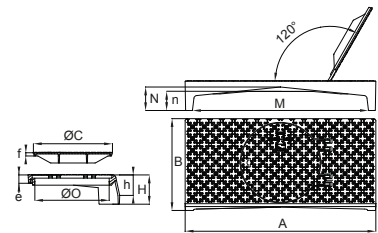
Description	Ref.	ØO	A x B	M	N	H	h	e	ØC	f	Absorption surface	kg	Price €
Profile A	7802	610	800 x 830	700	80	120	60	35	645	80	5,1 dm ²	71,35	507,45
Profile T	7803	610	800 x 830	700	150	200	140	35	645	30	5,1 dm ²	74,60	507,45

Curbside gully cover N°249 250 KN



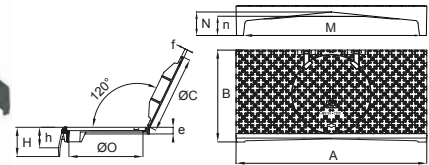
Ref.	ØO	A x B	M	N	H	e	ØC	f	Absorption surface	kg	Price €
7797	510	1000 x 630	900	160	220	65	547	30	17,0 dm ²	104,95	1154,95

Curbside gully cover N°286 250 KN



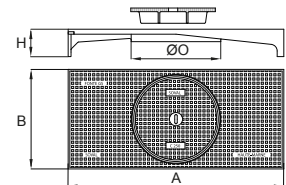
Description	Ref.	ØO	A x B	M	N	n	H	h	e	ØC	f	Absorption surface	kg	Price €
Profile T	20203	508	1300 x 625	1200	160	130	200	140	58	544	20	15,3 dm ²	131,70	1866,50

Curbside gully cover N°287 250 KN



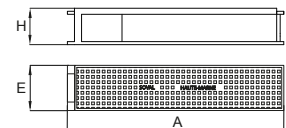
Description	Ref.	ØO	A x B	M	N	n	H	h	e	ØC	f	Absorption surface	kg	Price €
Profile T	10143	508	1300 x 625	1200	160	130	200	140	58	544	20	15,3 dm ²	121,00	1966,05

Curbside gully cover N°289, 289 bis, 289 ter 250 KN



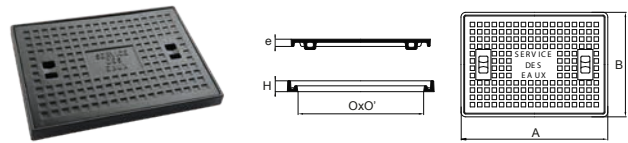
Description	Ref.	ØO	A	B	H	Absorption surface	kg	Price €
N°289	7804	510	1300	600	180	17,0 dm ²	145,95	1951,50
N°289 Bis	7800	510	1300	600	180	15,0 dm ²	157,95	1951,50
N°289 Ter	7801	510	1300	600	180	15,0 dm ²	149,95	1951,50

Kerb gully unit N°315 right, 315 left 250 KN



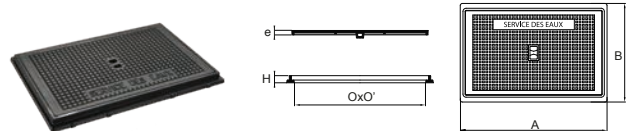
Description	Ref.	A	E	H	Absorption surface	kg	Price €
N°315 Right	7805	1035	216	180	13,0 dm ²	66,0	861,85
N°315 Left	7806	1035	216	180	13,0 dm ²	66,0	861,85

Hydraulic cast iron plate N°253 - 125 KN



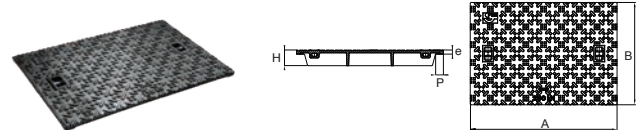
Ref.	O x O'	A	B	H	e	kg	Price €
7675	450 x 300	520	370	39	26	22,40	154,05
7679	400 x 250	510	360	60	12	30,95	240,25

Cast iron plate N°254 - 125 KN



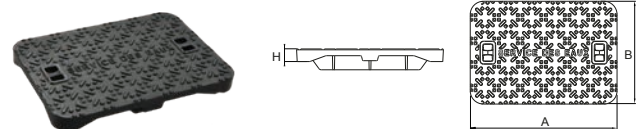
Ref.	O x O'	A	B	H	e	kg	Price €
7674	625 x 375	650	400	34	13	32,50	233,40

Cast iron plate N°256 - 125 & 250 KN



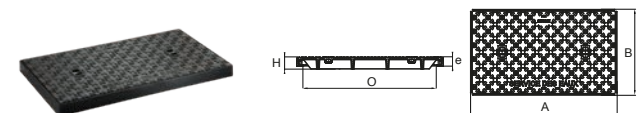
Description	Ref.	A	B	H	e	P	kg	Price €
125 kN	7707	660	460	45	18	30	20,50	160,80
250 kN	7708	660	460	70	18	30	29,35	212,70

Cast iron plate for water meter shelter N°257 - 125 KN



Ref.	A	B	H	kg	Price €
6932	500	350	40,0	17,10	118,70

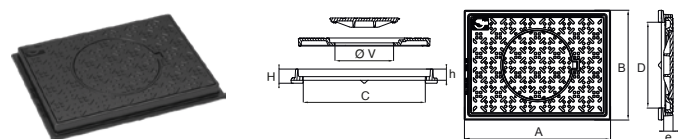
Cast iron plate N°261 - 125 & 250 KN



Description	Ref.	O x O	A	B	H	e	kg	Price €
125 kN	29094	776 x 426	845	495	67	50	55,50	487,25
250 kN	29095	776 x 426	845	495	67	50	55,50	527,55
250 kN	32174*	776 x 426	845	495	67	50	55,22	546,25

*stainless steel frame

Access cover with opening 250 KN



Description	Ref.	ØV	A x B	C x D	H	h	e	kg	Price €
cast iron frame	29173	240	600 x 450	500 x 350	58	46	31	35,80	310,00
cast iron frame	29174	240	800 x 500	700 x 400	58	46	31	50,30	356,05
stainless steel frame	29176	240	800 x 500	700 x 400	66	36	31	41,50	525,05



SEWERAGE

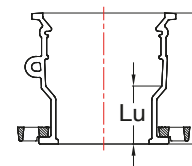
Sewage, sanitation, waste water, rainwater ... a whole range of products for water drainage

Fittings.....	p.56
Gargoyles	p.58



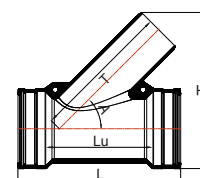


SOUPLESSUR-T
Flanged socket without gasket



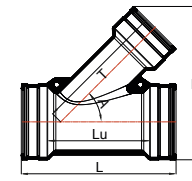
DN	Ref.	Range	L	Lu	kg	Price €
100	28500	115 - 119	203	90	8,20	133,45
125	31132	141 - 145	219	100	11,60	185,55
150	28501	167 - 171	226	100	13,60	260,20
200	28502	219 - 223	225	100	19,20	384,50

SOUPLESSUR-T
Fitting EEU without gasket



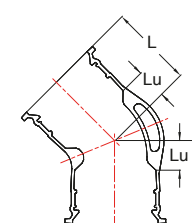
DN	tubing	Description	Ref.	Range	L	Lu	T	H	A	kg	Price €
200	150	EEU	36867	219 - 223	545	361	470	522	45	34,10	617,60

SOUPLESSUR-T
Fitting EEU without gasket



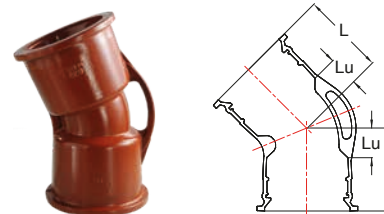
DN	tubing	Description	Ref.	Range	L	Lu	T	H	A	kg	Price €
200	150	EEE	36868	219 - 223	545	361	470	540	45	36,20	617,60

SOUPLESSUR-T
45° double socket bend without gasket



DN	Ref.	Range	L	Lu	kg	Price €
100	28497	115 - 119	168	55	10,50	260,65
125	31129	141 - 145	184	65	14,50	328,30
150	28498	167 - 171	196	70	15,80	365,25
200	28499	219 - 223	200	75	24,00	642,85

SOUPLESSUR-T
22°30' double socket bend without gasket



DN	Ref.	Range	L	Lu	kg	Price €
100	28505	115 - 119	153	40	9,60	247,90
125	31130	141 - 145	174	55	14,00	274,90
150	28504	167 - 171	174	50	16,00	350,80
200	28507	219 - 223	180	55	21,80	633,50

SOUPLESSUR-T
11°15' double socket bend without gasket



DN	Ref.	Range	L	Lu	kg	Price €
100	28506	115 - 119	148	35	9,30	247,55
125	31131	141 - 145	159	40	13,00	258,65
150	28503	167 - 171	169	45	15,40	340,65
200	28508	219 - 223	170	45	21,10	634,80

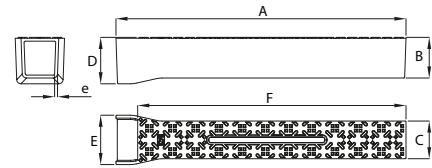
SOUPLESSUR-T
TYTON® NBR gasket



DN	Ref.	Range	kg	Price €
100	19837	115 - 119	0,16	64,60
125	30779	141 - 145	0,19	77,05
150	19842	167 - 171	0,20	91,50
200	20703	219 - 223	0,37	101,40

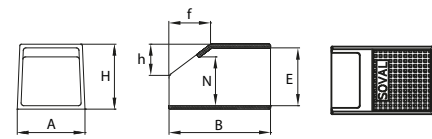


Gargoyle PRM for Pavement
Length 1000



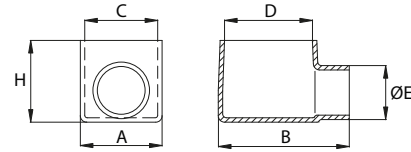
Description	A	B	C	D	E	F	e	kg	Price €
23714	1000	100	130	120	170	925	10	29,50	574,90
23715	1000	140	130	160	170	925	10	35,00	743,55

Gargoyle - head connectors
N°297 et N°290 - A&T profile



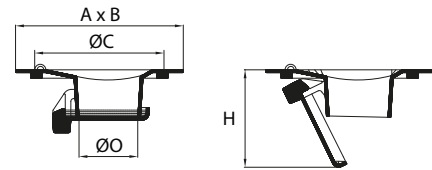
Description	Ref.	A	B	H	f	N	E	h	kg	Absorption surface	Price €
290 T	7882	138	215	130	30	102	110	/	5,95	1 dm ²	68,95
290 A	7881	130	195	125	80	90	110	60	4,06	1,1 dm ²	62,85
297	7883	138	215	130	30	102	95	/	7,50	1,1 dm ²	108,10

Gargoyle - shoe to head connector
N°291



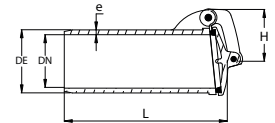
Ref.	A	B	H	Ø E	C	D	kg	Absorption surface	Price €
7908	135	210	125	92	120	150	3,62	1,8 dm ²	62,85

Odor-tight inlet



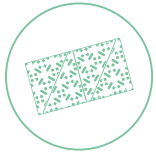
Ref.	A	B	Ø C	H	Ø O	kg	Absorption surface	Price €
7871	600	600	Ø 470	350	Ø 220	56,30	3,8 dm ²	553,80

Nozzle check valve
N°37 BIS



DN	OD	Ref.	L	H	e	kg	Price €
60	77	4482	205	60	8,5	2,92	193,15
80	98	4503	265	80	9,0	5,50	225,45
100	118	4499	285	95	9,0	7,50	286,15



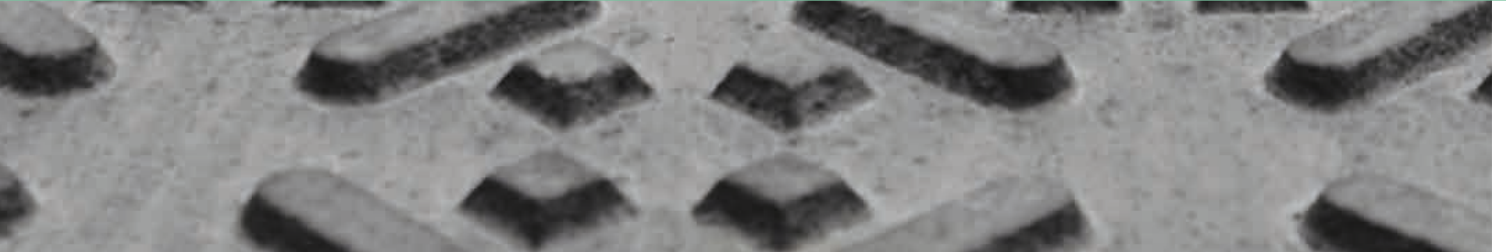


ACCESS COVER SOLUTIONS

Access covers and accessories for utilities or telecom networks... customised solutions

Airport runway lighting support AERO	p.62
Multi-network access covers ARES	p.63
Locking systems	p.64
Standard manhole covers.....	p.65
Locked manhole covers	p.67
Recessed infill manhole covers	p.68
Hinged manhole cover	p.69
Fall safety equipment	p.71
TITAN 1000	p.72
TITAN 1200	p.74
Evolution manhole covers	p.76
Accessories	p.78





AIRPORTS

ACCESS COVERS



HATCH SOLUTIONS
FOR AIRPORTS



AIRPORT RUNWAY LIGHTING SUPPORT



LONGITUDINAL AND LATERAL

Adjustment of the runway edge light integrated on ductile cast iron cover



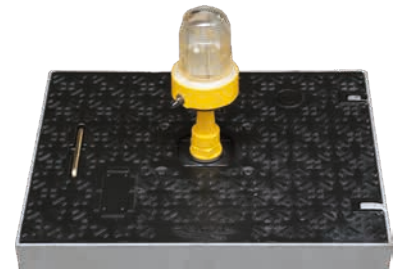
REDUCE THE INSTALLATION COST

Only one manhole cover for each runway edge light and its transformer

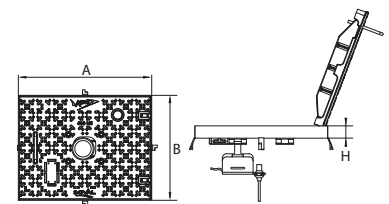


EASIER TO HANDLE, MAINTAIN AND TRACK

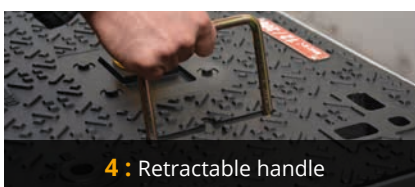
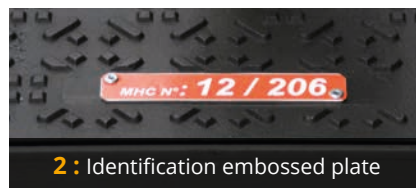
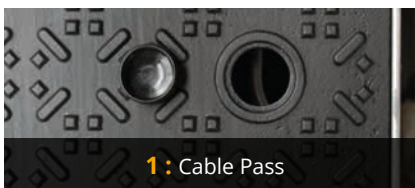
Hinged cover system, handle for opening, identification label and transformer basket

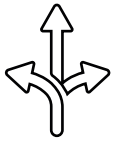


Airport runway lighting support
AERO 400 KN



Description	Ref.	Lay-out	OL	A	B	H	kg	Price €
L1T AERO	30824		527 x 389	509	647	60	54,46	899,45
L2T AERO	36666		1161 x 389	509	1281	60	105,26	1262,65





MULTI-NETWORK ACCESS COVERS



HANDLING : SAFE, ERGONOMIC AND EFFORTLESS

Thanks to its spring assist lift made of stainless steel **3**, its innovative safety blocking device system and the self-locking system, ARES ensures **easy handling** and **perfect safety** for the maintenance people.



AT THE OPENING :

- At the opening, **safety blocking device** (gravity pawl) **2** automatically locks the cover and prevents the cover from being accidentally closed. A locking pin in option adds an **extra level of safety**.



AT THE CLOSING :

- Easy closing & effortless by only rising the device.
- Selflocking by means of ductile iron spring bar «Pushed - Slammed». **1**



IN OPERATION : VISIBILITY AND ERGONOMICS

ARES is designed to meet all network configurations and has **several badging areas** on request (networks, logos, coat of arms ...).

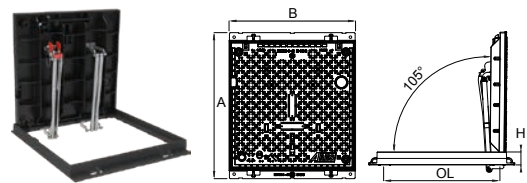
- 2 dedicated **cabl-pass areas** **4** are pre-equipped on the ARES cover and can be quickly opened (breakable plates in cast iron).

ON REQUEST:

- 1 badging area for customization of 450 x 250 mm **5** by **casting on the cover** or with an insert plate made of **powder-coated cast iron** (color of your choice).
- 2 badging areas are available for customization of 180 x 40 **6** mm with **stainless steel plates**.



Multi-network access cover ARES 900 D400 & E600

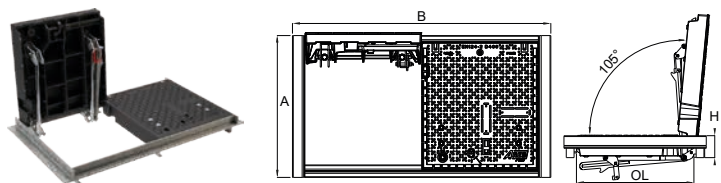


Class	Ref.	Lay-out	OL	A	B	H	kg	Price €
D400	38154		900 x 900	1130	980	102	224,00	5016,00
E600	38155		900 x 900	1130	980	102	224,00	5682,60

Remark : cast iron frame



Multi-network access cover ARES 750 D400

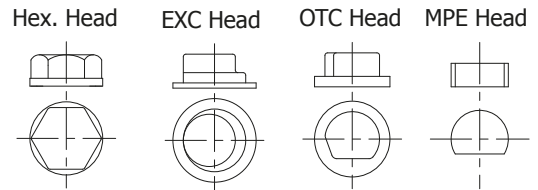


Description	Ref.	Lay-out	OL	A	B	H	kg	Price €
ARES-1	40836		750 x 750	912	912	140	180,00	3701,25
ARES-2	40840		750 x 1500	912	1661	140	341,00	6664,30

Remark : frame : Steel Hot-Dip Galvanized

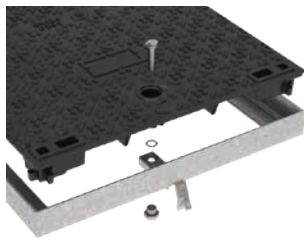
These locking systems are equipped as standard with H22 hex heads.

On request, Soval studies and provides you with coded and customizable systems to reinforce the security of these closures.



SCREW NUT SYSTEM

- Screw and captive nut on the frame.



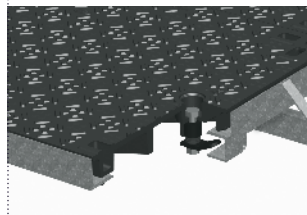
H head



Ref. : 20844
Price € : CONSULT US

1/4 TURN LOCKING SYSTEM

- Cam and shaft in stainless steel. Locking and unlocking by rotation of a quarter turn of the screw.



1/4 turn lock



Ref. : 16318
Price € : 73,25



Hex.
Head key

Ref.	Price €
12181	38,15



EXC
Head key

Ref.	Price €
8075	67,00



Cap

Ref.	Price €
8109	0,50

SAE BURGLAR-PROOF DEVICE

Patented N° FR 2 919 001

Outside :

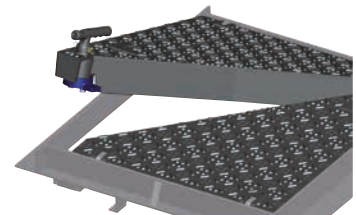
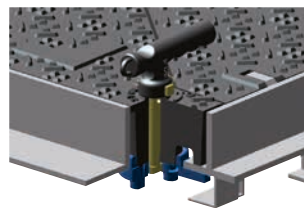
- Resistance to opening 20 min (certified CNPP France).
- No possible access to the lock when lids are closed.

Inside :

- Ductile iron system with stainless steel hardware for a better resistance against aggressive atmospheres (H2S).
- Through hole.

Reliability

- Automatic system to prevent an unauthorized opening.
- Ergonomic key non removable when engaged (used as handle).

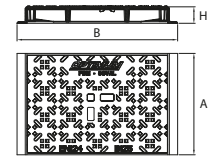


Special key
for lock SAE

Ref.	Price €
21710	91,80



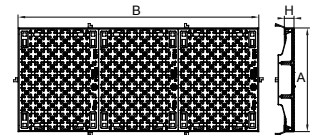
Optimum manhole cover LOT B125



Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
LOT	24544		428 x 248	308	488	50	12,90	136,55



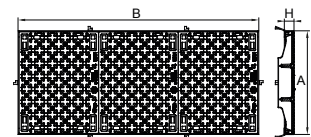
Standard manhole cover LT B125



Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
L1T	9776		633 x 427	507	645	60	33,10	279,10
L2T	12488		1269 x 427	507	1279	60	64,60	504,35
L3T	11621		1489 x 565	645	1499	60	92,20	728,25
L4T	15674		1876 x 527	647	1996	60	148,80	999,35
1/2 L4T	9231		992 x 565	645	1002	60	63,60	502,20
	7929	cover alone	633 x 495				25,80	189,15



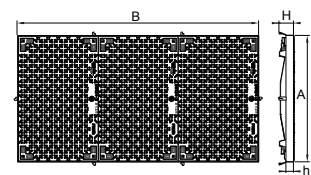
Standard manhole cover LT C250



Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
L1T	9245		633 x 427	507	645	60	39,40	312,30
L2T	9247		1269 x 427	507	1279	60	77,20	570,75
L3T	9249		1489 x 565	647	1499	60	111,10	827,85
L4T	15653		1876 x 527	647	1996	60	157,20	1132,15
1/2 L4T	17930		992 x 565	647	1002	60	78,00	568,60
	7979	cover alone	633 x 495				25,50	222,35



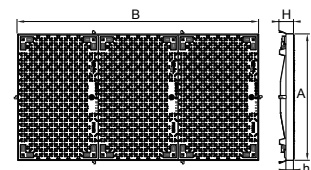
Standard manhole cover PT B125



Description	Ref.	Lay-out	Clear opening	A	B	H	h	kg	Price €
P2TC	9236		1161 x 884	1004	1281	120	60	151,90	977,75
L5T	9768		1795 x 884	1004	1915	120	60	234,00	1510,95
L6T	19649		2429 x 884	1004	2549	120	60	306,00	1926,30
M2T	9235		3062 x 884	1004	3182	120	60	377,00	2413,55
	7932	cover alone	990 x 633					63,95	406,05



Standard manhole cover PT C250



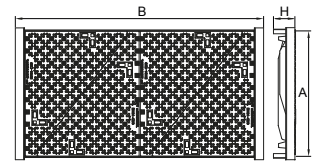
Description	Ref.	Lay-out	Clear opening	A	B	H	h	kg	Price €
P2TC	9251		1161 x 884	1004	1281	120	60	150,30	1187,15
L5T	15654		1795 x 884	1004	1915	120	60	228,45	1825,05
L6T	9250		2429 x 884	1004	2549	120	60	297,60	2345,10
M2T	21418		3062 x 884	1004	3182	120	60	367,75	2937,05
	7990	cover alone	990 x 633					63,15	510,75

Access covers

STANDARD MANHOLE COVERS



Standard manhole cover KT C250

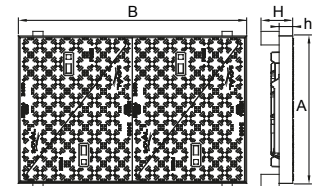


Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
K1T	10562		750 x 750	850	870	140	95,00	850,30
K2T	10158		750 x 1500	850	1620	140	196,40	1549,10
K3T*	19145		750 x 2250	850	2370	140	280,00	2388,80
		cover alone					44,00	

*Locked version, CONSULT US



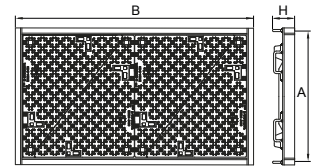
Standard manhole cover LC D400



Description	Ref.	Lay-out	Clear opening	A	B	H	h	kg	Price €
L1C	40024		531 x 393	691	513	60	120	71,00	710,15
L2C	40025		1165 x 393	553	1285	60	120	136,20	1274,95
L3C	40026		1385 x 531	691	1505	60	120	194,00	1818,70
L4C	40027		1880 x 531	691	2000	60	120	250,00	2343,00
1/2 L4C	40028		888 x 531	691	1008	60	120	132,00	1294,80
		cover alone						50,00	



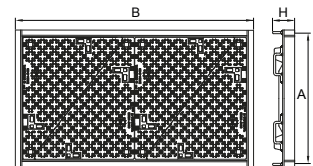
Standard manhole cover KC D400



Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
K1C	40021		750 x 750	910	910	140	148,00	1197,30
K2C	40022		750 x 1500	910	1660	140	274,00	2158,70
K3C	40023		750 x 2250	910	2410	140	402,00	3131,25
		cover alone					55,00	

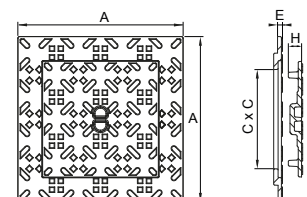
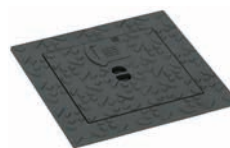


Standard manhole cover KE E600



Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
K1E	15871		750 x 750	910	910	140	171,00	1403,90
K2E	12435		750 x 1500	910	1660	140	312,00	2571,70
K3E	17209		750 x 2250	910	2410	140	459,00	3750,65
	11546	cover alone					64,00	498,45

POA 10 125 KN



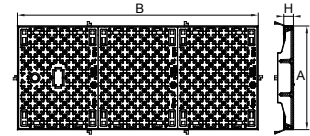
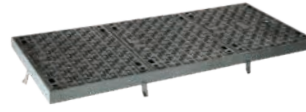
Ref.	Clear opening	A x A	C x C	H	E	kg	Price €
16653	180 x 180	300 x 300	210 x 210	24	14	5,78	55,20

Access covers

LOCKED MANHOLE COVERS



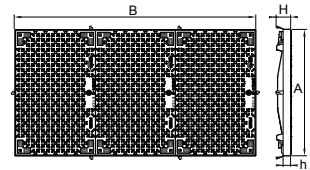
Locked manhole cover LTV C250



Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
L1TV	22624		527 x 389	509	647	60	45,66	489,30
L2TV	22625		1161 x 389	509	1281	60	86,32	849,30
L3TV	20730		1381 x 527	647	1501	60	131,86	1157,40
L4TV	25532		1876 x 527	647	1996	60	162,98	1471,60
1/2 L4TV	28803		884 x 527	647	1004	60	83,48	838,35



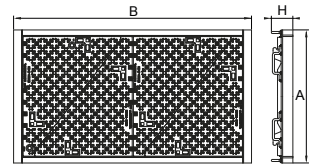
Locked manhole cover PTV C250



Description	Ref.	Lay-out	Clear opening	A	B	H	h	kg	Price €
P2TV	21433		1161 x 884	1004	1281	120	60	166,43	1500,80
L5TV	20731		1795 x 884	1004	1915	120	60	251,03	2180,00
L6TV	21476		2429 x 884	1004	2549	120	60	326,53	2815,05
M2TV	7963		3062 x 884	1004	3182	120	60	402,62	3617,85



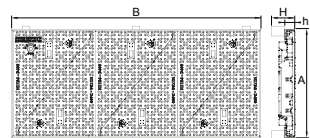
Locked manhole cover KCV D400



Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
K1CV	25481		750 x 750	910	910	140	150,96	1502,10
K2CV	19835		750 x 1500	910	1660	140	278,06	2425,15
K3CV	25533		750 x 2250	910	2410	140	403,86	3323,70



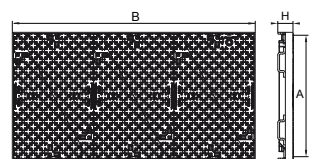
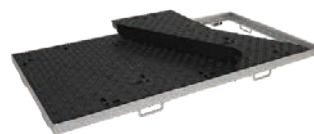
Locked manhole cover LCV D400



Description	Ref.	Lay-out	Clear opening	A	B	H	h	kg	Price €
L1CV	30881		531 x 393	691	513	60	120	72,00	959,35
L2CV	30882		1161 x 393	553	1285	60	120	136,00	1648,75
L3CV	29452		1385 x 531	691	1505	60	120	185,83	1912,20
L4CV	30883		1880 x 531	691	2000	60	120	257,00	2770,25



Locked manhole cover PCV D400



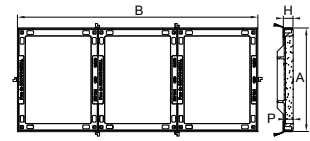
Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
P2CV	22185		1166 x 888	1008	1286	120	279,66	2813,80
L5CV	22533		1799 x 888	1008	1919	120	411,13	4054,25
L6CV	23535		2433 x 888	1008	2553	120	543,43	5386,45

Access covers

RECESSED INFILL MANHOLE COVERS



Recessed infill manhole cover LTR C250

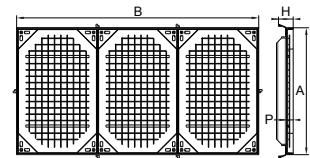


Description	Ref.	Lay-out	Clear opening	A	B	H	P	kg	Price €
LOTR48	19458		428 x 248	328	508	60	48	29,50	216,55
L1TR48	22935		527 x 389	509	647	60	48	47,30	488,75
L2TR48	22960		1161 x 389	509	1281	60	48	97,00	923,65
L3TR48	17393		1381 x 527	647	1501	60	48	140,80	1357,20
L4TR48	17394		1876 x 527	647	1996	60	48	165,40	1837,95
1/2 L4TR48	17395		884 x 527	647	1004	60	48	96,00	921,50
	19457	cover alone	495 X 316					21,00	153,90
	18237	cover alone	633 X 485					34,15	398,80

Remark : Layer height 48 mm = R48



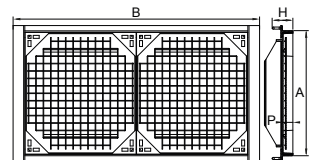
Recessed infill manhole cover PTR C250



Description	Ref.	Lay-out	Clear opening	A	B	H	P	kg	Price €
1/2 P2TR48	17396		884 x 527	1004	647	60	48	69,00	1075,30
P2TR48	17397		1161 x 884	1004	1281	60	48	128,40	2068,45
L5TR48	17398		1795 x 884	1004	1915	60	48	195,60	3147,00
L6TR48	17399		2429 x 884	1004	2549	60	48	253,80	4107,70
M2TR48	17400		3062 x 884	1004	3182	60	48	313,00	5140,30
	10882	cover alone						52,20	951,40

Remark : Layer height 48 mm = R48

Recessed infill manhole cover KCR 400 KN - slow traffic flow

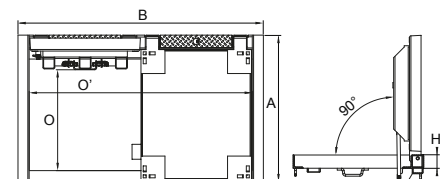


Description	Ref.	Lay-out	Clear opening	A	B	H	P	kg	Price €
K1CR66	24096		750 x 750	910	910	80	66	105,00	2057,05
K2CR66	22787		750 x 1500	910	1660	80	66	188,00	3878,00
K3CR66	24097		750 x 2250	910	2410	80	66	273,00	5710,10
	22786	cover alone						67,00	1650,05

Remark : Layer height 66 mm = R66



Recessed infill manhole cover KCRVAA 400 KN - slow traffic flow



Description	Ref.	Lay-out	Clear opening	O x O'	A	B	H	kg	Price €
K1CRVAA80	25015		750 x 750	680 x 750	986	900	200	133,67	5612,55
K2CRVAA80	23926		750 x 1500	680 x 1500	986	1650	200	246,93	8857,35
K3CRVAA80	23927		750 x 2250	680 x 2250	986	2400	200	360,00	13918,50

Remark : Layer height 80 mm = R80

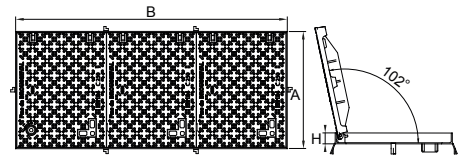
Access covers

LOCKED HINGED LIFT ASSISTED MANHOLE COVERS



Hinged manhole cover

LTVA* C250



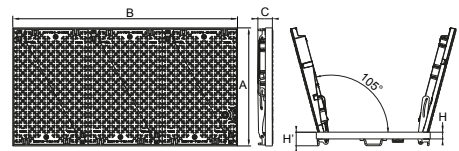
Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
L1TVA	19181		527 x 389	509	647	60	40,00	671,95
L2TVA	19182		1161 x 389	509	1281	60	78,00	1162,10
L3TVA	19183		1381 x 527	647	1501	60	113,00	1594,95
L4TVA	19184		1876 x 527	647	1996	60	147,00	2135,05
1/2 L4TVA	19185		884 x 527	647	1004	60	76,00	1145,70

* WITHOUT ASSIST LIFT



Hinged manhole cover

PCVAA D400

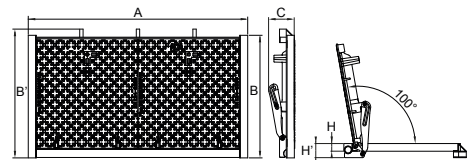
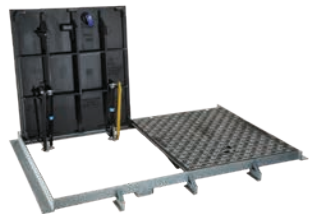


Description	Ref.	Lay-out	Clear opening	A	B	C	H	H'	kg	Price €
P2CVAA	30017		1166 x 888	1286	1008	125	60	120	275,00	4038,15
L5CVAA	30018		1799 x 888	1919	1008	125	60	120	406,00	6988,60
L6CVAA	30019		2433 x 888	2553	1008	125	60	120	530,00	8640,40



Hinged manhole cover

KTVAA C250

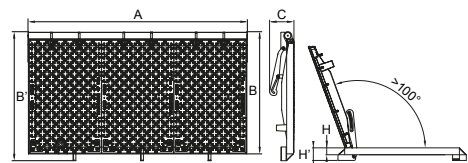


Description	Ref.	Lay-out	Clear opening	A	B	B'	C	H	H'	kg	Price €
K1TVAA	19190		750 x 750	870	910	960	190	60	110	102,00	1589,70
K2TVAA	19191		750 x 1500	1620	910	960	190	60	110	192,00	2803,90
K3TVAA	19192		750 x 2250	2380	910	960	190	60	110	234,13	4758,10



Hinged manhole cover

PTVAA C250



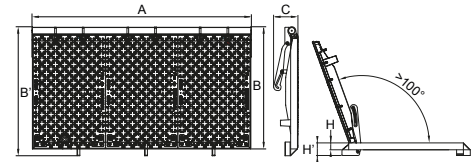
Description	Ref.	Lay-out	Clear opening	A	B	B'	C	H	H'	kg	Price €
1/2 P2TVAA	10010		638 x 887	760	1004	1130	220	60	110	93,50	2328,85
P2TVAA	7993		1161 x 887	1291	1004	1135	220	60	110	176,00	3305,55
L5TVAA	10012		1795 x 887	1925	1004	1135	220	60	110	258,50	5150,35
L6TVAA	10013		2429 x 887	2560	1004	1135	220	60	110	342,00	6135,55
M2TVAA	10014		3062 x 887	3062	1004	1135	220	60	110	420,50	7643,65

Access covers

LOCKED HINGED LIFT ASSISTED MANHOLE COVERS



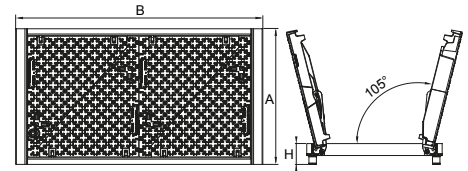
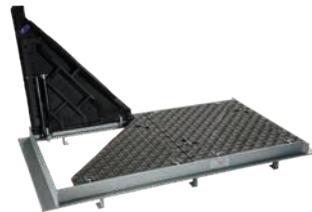
Hinged manhole cover PTVAA D400 slow traffic flow



Description	Ref.	Lay-out	Clear opening	A	B	B'	C	H	H'	kg	Price €
1/2 P2TVAA	19459		638 x 887	760	1004	1130	220	60	110	112,03	2577,90
P2TVAA	19375		1161 x 887	1291	1004	1135	220	60	110	216,91	3803,20
L5TVAA	19301		1795 x 887	1925	1004	1135	220	60	110	323,63	5896,95
L6TVAA	19460		2429 x 887	2560	1004	1135	220	60	110	427,33	7130,95
M2TVAA	19461		3062 x 887	3190	1004	1135	220	60	110	531,03	8887,95



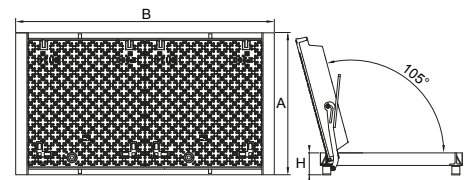
Hinged manhole cover KCVAA D400



Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
K1CVAA	8048		750 x 750	910	910	140	133,00	2263,90
K2CVAA	8028		750 x 1500	910	1660	140	246,00	3825,25
K3CVAA	8033		750 x 2250	910	2410	140	357,00	5874,00



Hinged manhole cover KFVAA F900 slow traffic flow

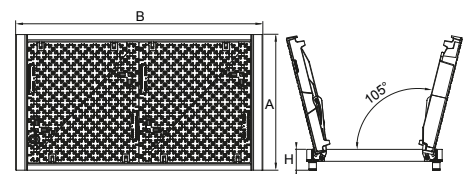


Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
K1FVAA	17230		750 x 750	911	912	140	209,18	3989,60
K2FVAA	9404		750 x 1500	911	1660	140	401,56	5822,35
K3FVAA	19197		750 x 2250	1015	2410	144	616,54	11534,80

E600 : CONSULT US



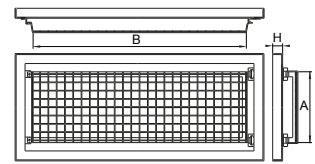
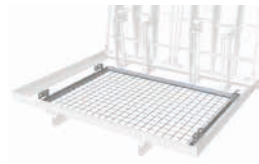
Hinged manhole cover KFVAA F900



Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
K1CVAA	25753		750 x 750	910	910	140	196,21	3249,60
K2CVAA	25754		750 x 1500	910	1660	140	367,19	4785,50
K3CVAA	25755		750 x 2250	910	2410	140	539,77	8271,20

E600 : CONSULT US

Fall safety equipment mesh grid of 50x50



Option :

Grid attached to the frame : CONSULT US

Ref. MHC	Ref.	A	B	H	kg	Price €
L1T	8089	425	305	80	3,00	163,30
L2T	8090	292	1080	80	6,00	208,50
L3T	8098	425	1300	80	8,00	247,00
L4T	8099	425	1800	80	10,00	317,45
1/2 L4T	8078	425	800	80	11,00	225,05
P2TC	8104	750	1080	70	11,00	300,50
L5T	8100	750	1715	70	15,00	379,10
L6T	8101	750	2350	70	17,00	465,80
K1C	8081	580	670	80	6,00	215,70
K2C	8082	580	1420	80	12,00	343,35
K3C	8083	580	2170	80	15,50	443,20

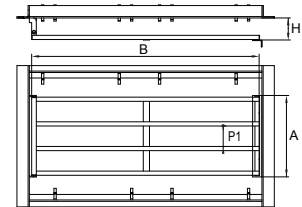
Remark : material : steel hot-dip galvanized



Accessories for mesh grid Fixing kit for concrete

Ref.	Price €
8105	25,45

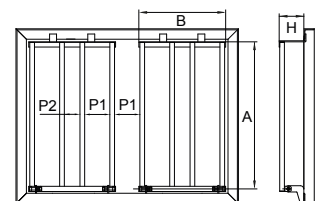
Fall safety equipment solidary bars for mhc LT, LC & KC



Ref. MHC	Ref. Grid + fixing kit	Nr. Grid	A	B	H	P1	kg	Price €
L1	29079	1	501	195	148	123	3,00	666,50
L2	/	1	1133	195	148	123	/	/
L3	26827	1	1353	345	148	123	6,00	1378,75
L4	/	1	1848	345	148	123	/	/
1/2 L4	27773	1	856	345	148	123	7,20	1381,35
K1	18370	1	720	510	140	132	9,60	650,55
K2	18214	1	1470	510	140	132	15,00	983,25
K3	23501	1	2220	510	140	132	18,00	1466,25

Remark : material : Stainless Steel

Fall safety equipment solidary bars for rectangular mhc



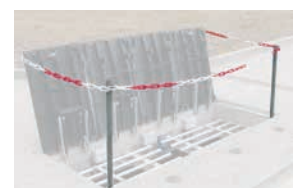
Variant :

Fall safety equipment with independent bars : CONSULT US

Ref. MHC	Ref. Grid + fixing kit	Nr. Grid	A	B	H	P1	P2	kg	Price €
1/2P2T		1	860	500	140	145	90	7,20	667,45
P2T		2	860	500	140	145	90	7,20	667,45
L5T	18369	3	860	500	140	145	90	7,20	667,45
L6T		4	860	500	140	145	90	7,20	667,45
M2T		5	860	500	140	145	90	7,20	667,45
K1T		1	727	627	140	123	123	9,60	650,55
K2T	19699	2	727	627	140	123	123	19,20	650,55
K3T		3	727	627	140	123	123	28,80	650,55
L5C	28603	1						17,00	2129,45

Remark : material : Stainless Steel

Grid railing for hinged manhole covers



Ref. MHC	Ref.	kg	Price €
L1T to M2T	12318	10,00	420,55

Designed to cover every underground structure with a side of 1 m, our brand new TITAN 1000 completes our range of D400 access solutions, available in several clear opening and various configurations.



Dense traffic flow



Runoff watertightness



Lift assistance



Fall protection



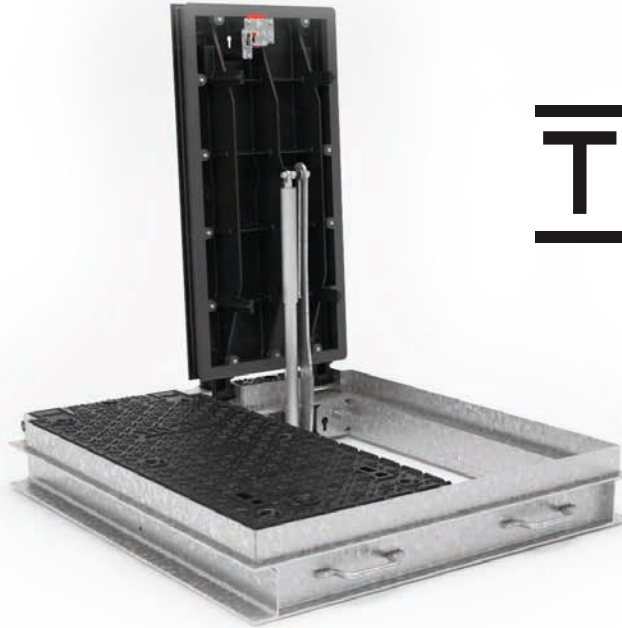
Locking



Grid railing



Bespoke

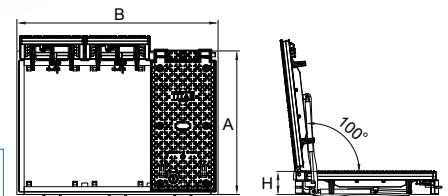


TITAN 1000



Mahole cover - hinged TITAN 1000 - D400

Other dimensions CONSULT US

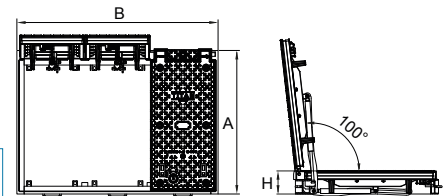


Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
Titan M2	32434		1000 x 1000	1200	1120	190	327,00	7886,50
Titan M3	32435		1000 x 1540	1200	1660	190	449,55	11865,20
Titan M4	32436		1000 x 2080	1200	2200	190	602,00	16751,00



Mahole cover - hinged TITAN 1000 - D400 Watertight

Other dimensions CONSULT US



Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
Titan M2	32437		1000 x 1000	1200	1120	190	327,00	9039,90
Titan M3	32438		1000 x 1540	1200	1660	190	479,00	13596,35
Titan M4	32439		1000 x 2080	1200	2200	190	630,26	19085,45



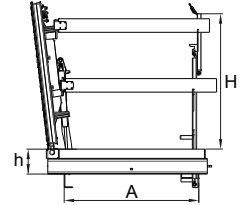
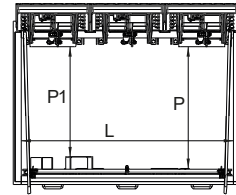
Special key
for lock TITAN

Ref.

31166

Price €

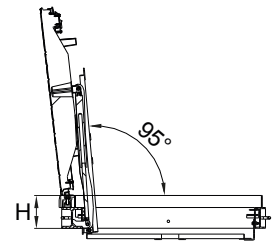
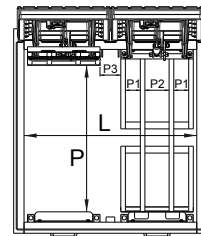
94,90



Fall safety equipment for TITAN 1000 grid railing

Description	Ref.	Freeway P x L	A	h	H	P1	kg	Price €
Titan M2	43225	882 x 1000	1000	378	1000	797	35,7	4457,20
Titan M3	43226	882 x 1540	1000	378	1000	797	45,02	5284,40
Titan M4	43227	882 x 2080	1000	378	1000	797	63,38	7867,20

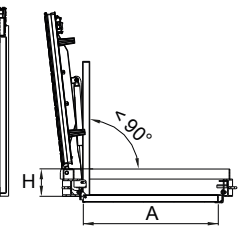
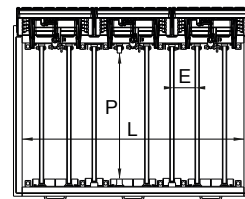
Remark : material : STAINLESS STEEL / Aluminium



Fall safety equipment for TITAN 1000 solidary bars

Description	Ref.	P x L	A	B	H	P1	P2	P3	kg	Price €
Titan M2	32452	850 x 1000	916	420	224	86	140	120	14,00	2018,30
Titan M3	32453	850 x 1540	916	420	224	86	140	120	21,00	3027,95
Titan M4	32454	850 x 2080	916	420	224	86	140	120	28,00	4036,95

Remark : material : STAINLESS STEEL



Fall safety equipment for TITAN 1000 independent bars

Description	Ref.	Freeway	A	E	H	kg	Price €
Titan M2	32455	870 x 1000	960	145	180	17,90	1575,75
Titan M3	32456	870 x 1540	960	145	180	28,80	2554,30
Titan M4	32457	870 x 2080	960	145	180	39,70	3532,30

Remark : material : STAINLESS STEEL

Designed to cover every underground structure with a side of 1,2m, our brand new TITAN 1200 completes our range of D400 access solutions, available in several clear opening and various configurations.



Dense traffic flow



Runoff watertightness



Lift assistance



Fall protection



Locking



Grid railing



Bespoke

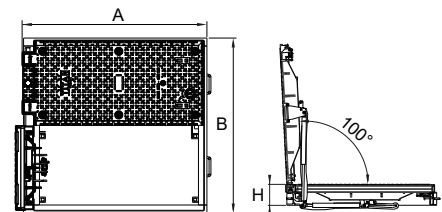


Mahole cover - hinged

TITAN 1200 400 KN - slow traffic flow



TITAN 1200



Description	Vérin	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
Titan 2	gas strut	42342	□□	1200 x 1200	1400	1320	190	435.00	12141,85
	mechanical spring	42345	□□						13796,65
Titan 2 dense traffic	gas strut	42343	□□	1200 x 1200	1400	1320	190	435.00	12568,80
	mechanical spring	42346	□□						14223,60
Titan 2 watertight	gas strut	42344	□□	1200 x 1200	1400	1320	190	435.00	13579,15
	mechanical spring	42347	□□						15234,00
Titan 3	gas strut	42348	□□□	1200 x 1840	1400	1960	190	621,00	19182,55
	mechanical spring	42351	□□□						21664,80
Titan 3 dense traffic	gas strut	42349	□□□	1200 x 1840	1400	1960	190	621,00	19823,00
	mechanical spring	42352	□□□						22305,20
Titan 3 watertight	gas strut	42350	□□□	1200 x 1840	1400	1960	190	621,00	21338,50
	mechanical spring	42353	□□□						23820,70
Titan 4	gas strut	42354	□□□□	1200 x 2480	1400	2600	190	816.00	23888,35
	mechanical spring	42357	□□□□						27197,90
Titan 4 dense traffic	gas strut	42355	□□□□	1200 x 2480	1400	2600	190	816.00	24742,30
	mechanical spring	42358	□□□□						28051,85
Titan 4 watertight	gas strut	42356	□□□□	1200 x 2480	1400	2600	190	816.00	26763,00
	mechanical spring	42359	□□□□						30072,65
Titan 5	gas strut	42360	□□□□□	1200 x 3120	1520	3240	190	1030.00	30867,80
	mechanical spring	42363	□□□□□						35004,80
Titan 5 dense traffic	gas strut	42361	□□□□□	1200 x 3120	1520	3240	190	1030.00	31935,30
	mechanical spring	42364	□□□□□						36072,30
Titan 5 watertight	gas strut	42362	□□□□□	1200 x 3120	1520	3240	190	1030.00	34461,20
	mechanical spring	42365	□□□□□						38598,10



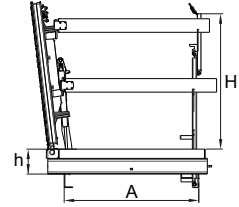
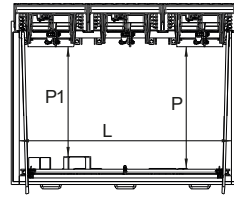
Special key
for lock TITAN

Ref.

31166

Price €

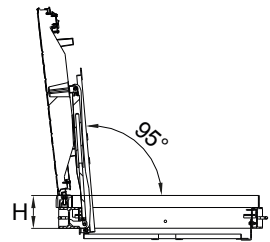
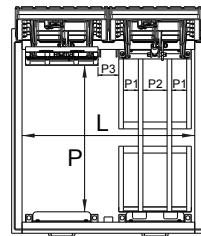
94,90



Fall safety equipment for TITAN 1200 grid railing

Description	Ref.	Freeway P x L	A	h	H	P1	kg	Price €
Titan M2	43185	1082 x 1200	1200	403	1125	997	44,30	5014,90
Titan M3	43186	1082 x 1840	1200	403	1125	997	56,19	6319,50
Titan M4	43187	1082 x 2480	1200	403	1125	997	78,89	9494,10

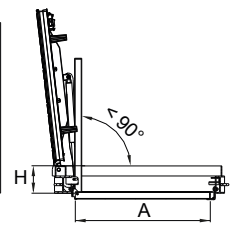
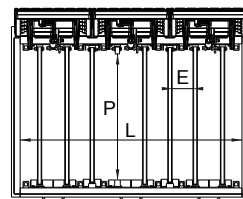
Remark : material : SAINLESS STEEL / Aluminium



Fall safety equipment for TITAN 1200 solidary bars

Description	Ref.	P x L	A	B	H	P1	P2	P3	kg	Price €
Titan 2	43114	1025 x 1200	1090	520	225	66	126	120	26,36	2091,10
Titan 3	43117	1025 x 1840	1090	520	225	66	126	120	39,54	3136,10
Titan 4	43120	1025 x 2480	1090	520	225	66	126	120	52,72	4181,10
Titan 5	43124	1025 x 3120	1090	520	225	66	126	120	65,90	5227,20

Remark : material : STAINLESS STEEL

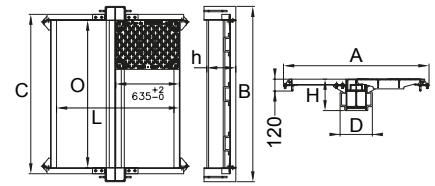
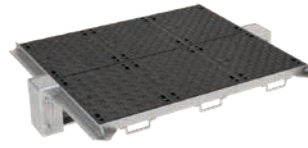


Fall safety equipment for TITAN 1000 independent bars

Description	Ref.	Freeway	A	E	H	kg	Price €
Titan 2	43112	1030 x 1200	1125	135	235	31,20	2157,10
Titan 3	43115	1030 x 1840	1125	135	235	49,05	3458,40
Titan 4	43118	1030 x 2480	1125	135	235	66,90	4764,10
Titan 5	43122	1030 x 3120	1125	135	235	84,75	6069,80

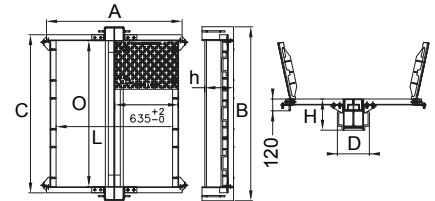
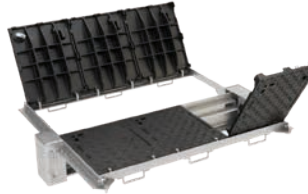
Remark : material : STAINLESS STEEL

Evolution manhole cover
2xLT - 250 kN



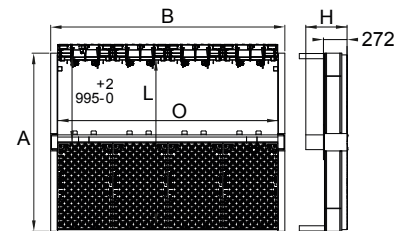
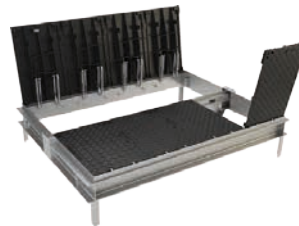
Description	Ref.	Lay-out	O x L	A	B	C	D	H	h	kg	Price €
2xL3T	22397		1489 x 1172	1452	1771	1609	322	317	289	328,90	7859,30

Evolution manhole cover
2xLTVA - 250 kN



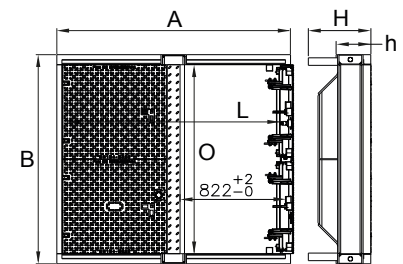
Description	Ref.	Lay-out	O x L	A	B	C	D	H	h	kg	Price €
2xL3TVA	22192		1489 x 1172	1452	1771	1609	322	317	289	438,86	10569,10
2xL4TVA	21754		1984 x 1172	1452	2266	2104	322	317	289	310,24	13747,75

Evolution manhole cover
2xPTVAA frame monobloc - 250 kN



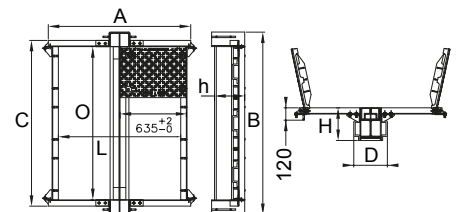
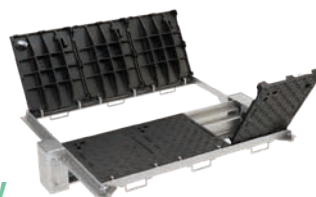
Description	Ref.	Lay-out	O x L	A	B	H	kg	Price €
2xL5TVAA	39517		1903 x 1892	2052	2697	475	863,00	22350,95
2xL6TVAA	39519		2537 x 1892	2052	3330	515	1335,00	26166,90
2xM2TVAA	39521		3170 x 1892	2052	1431	475	1654,00	29983,00

Evolution manhole cover slow traffic flow
2xKTVAA frame monobloc - 250 kN

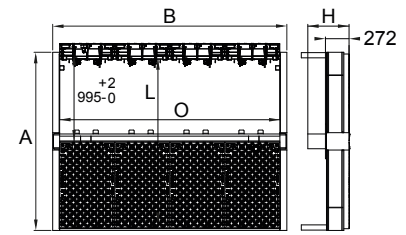
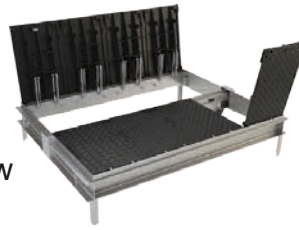


Description	Ref.	Lay-out	O x L	A	B	H	h	kg	Price €
2xK2TVAA	42019		1500 x 1674	1834	1661	414	272	636,00	12877,30

Evolution manhole cover
2xLTVA - 400 kN slow traffic flow

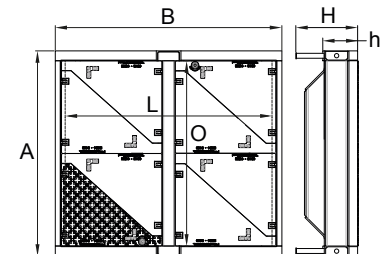
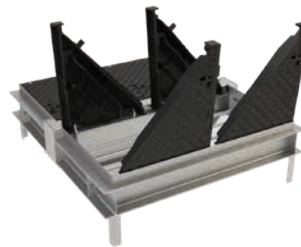


Description	Ref.	Lay-out	O x L	A	B	C	D	H	h	kg	Price €
2xL3TVA	19263		1489 x 1172	1452	1771	1609	362	357	329	424,42	11093,40
2xL4TVA	21748		1984 x 1172	1452	2266	2104	382	377	349	312,44	15130,45



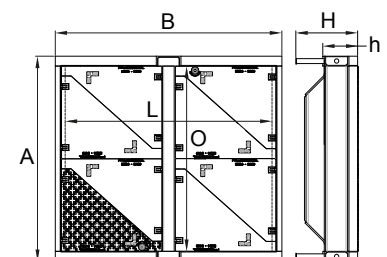
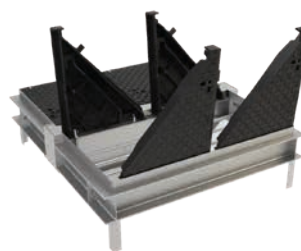
Evolution manhole cover slow traffic flow
2xPTVAA frame monobloc - 400 kN

Description	Ref.	Lay-out	OL	A	B	H	kg	Price €
2xL5TVAA	39518		1903 x 1892	2052	2063	475	863,00	24912,65
2xL6TVAA	39520		2537 x 1892	2052	2697	475	1335,00	30200,10
2xM2TVAA	39237		3170 x 1892	2052	3330	515	1654,00	34344,05



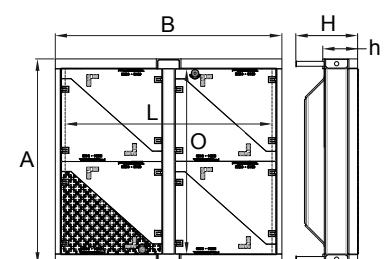
Evolution manhole cover
2xK2CVA frame monobloc - 400 kN

Description	Ref.	Lay-out	OL	A	B	H	h	kg	Price €
2xK2CVA	28929		1500 x 1674	1660	1834	520	282	542,84	12663,40
2xK3CVA	28930		2250 x 1674	2410	1834	520	282	921,84	16536,60



Evolution manhole cover
2xK3CVA frame monobloc - 400 kN

Description	Ref.	Lay-out	OL	A	B	H	h	kg	Price €
2xK2CVAA	28928		1500 x 1674	1660	1834	520	282	542,84	13685,70
2xK3CVAA	28774		2250 x 1674	2410	1834	520	282	936,24	18072,55



Evolution manhole cover
2xKEVAA - frame monobloc 600 kN

Description	Ref.	Lay-out	OL	A	B	H	h	kg	Price €
2xKEVAA	30194		1500 x 1674	1660	1834	560	282	905,00	Nous consulter



Lifter
for cast iron cover

Ref.	elevation height	kg	Price €
26350	30 cm	15,00	1435,45

Remarks : - maximum load 400 kg
- ref item for a set of 2no cover lifters



Hammer
for cast iron cover

Ref.	Length	kg	Price €
8106	1000	5,50	613,35

Remarks : - pad made of copper
- material: steel E24



Frame
alone

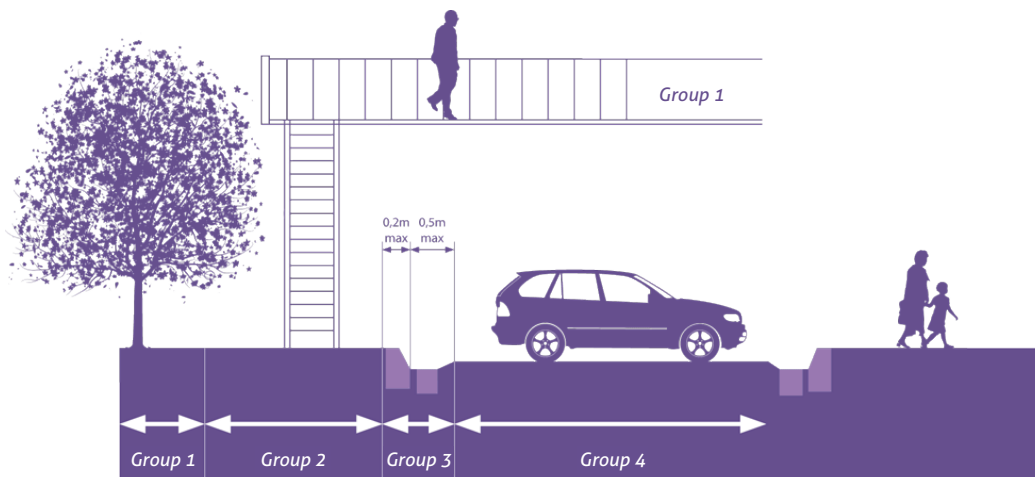
Ref. MHC	Description	Ref.	kg	Price €
LOT	Optimum	24543	4,30	53,45
L1T		8063	7,30	89,95
L2T		8064	13,00	126,05
L3T		8066	14,80	160,80
L4T		8068	28,80	242,75
1/2 L4T		8059	12,00	123,90
P2TC		8072	24,00	165,65
L5T		8069	39,00	292,80
L6T		8074	45,00	302,10
M2T		8071	52,00	383,30

Kits
of hinge & assist lift



Ref. MHC	Description	Ref.	kg	Price €
KT/P2T	standard	29007	3,03	324,10
KC	standard	29008	1,41	230,75
KCR	standard	35455	0,89	440,85
KT/P2T	stainless steel	29009	3,23	785,20
KC	stainless steel	29010	1,51	459,15
KF	ductile iron frame	31210	2,41	352,45
TITAN 1000	/	35657	3,02	1243,45
TITAN	gas strut 3430N	34493	8,00	1142,25
TITAN	gas strut 4000N	34494	7,80	869,90

Remark : 1 kit per lid



Group 1 - Class A 15

Areas which can only be used by pedestrians and pedal cyclists.



Group 2 - Class B 125

Footways, pedestrian and comparable areas, car parks or car parking decks.



Group 3 - Class C 250

For gully tops installed in the area of kerbside channels of roads which when measured from the kerb edge, extend a maximum of 0,5m into the carriageway and a maximum of 0,2m into the footway.



Group 4 - Class D 400

Carriageways of roads (including pedestrian streets), hard shoulders and parking areas, for all types of road vehicles.



Group 5 - Class E 600

Areas imposing high wheel loads, e.g. docks, aircraft pavements.




Group 6 - Class F 900

Areas imposing particularly high wheel loads, e.g. aircraft pavements.



Access covers, gully grates and others access solutions should meet the requirements of the European Standard EN 124. This applies to all situations, on and off-road and to all materials. Products designed according to EN 124 are grouped and classified depending on their place of installation. It is the responsibility of the main contractor to ensure that the correct product is specified. The appropriate class to be used depends upon the place of installation. The selection of the appropriate class is the responsibility of the design office. Where there is any doubt the stronger class should be selected.


Le Référentiel NF 110 précise les conditions particulières d'application des règles générales de la marque  aux dispositifs de couronnement et de fermeture pour les zones de circulation utilisées par les piétons et les véhicules.

Cette marque certifie la conformité au Référentiel NF 110 accessible sur www.marque-nf.com et les valeurs des caractéristiques annoncées grâce à un contrôle permanent exercé par AFNOR Certification.

Le tableau ci-dessous indique les caractéristiques certifiées essentielles, pour les valeurs se reporter à la norme EN 124 (partie 1 à 6) : 2015 ou au Référentiel.

Reférentiel	CARACTÉRISTIQUES	B 125	C 250	D 400	E 600	F 900
EN 124	Orifices d'aération des tampons	✓	✓	✓	✓	✓
EN 124	Cote de passage	✓	✓	✓	✓	✓
EN 124	Profondeur d'emboîtement			✓	✓	✓
EN 124	Compatibilité des assises	✓	✓	✓	✓	✓
EN 124	Essai de basculement			✓	✓	✓
EN 124	Assurance du tampon/de la Grating dans le cadre	✓	✓	✓	✓	✓
EN 124	Absorption surface	✓	✓	✓	✓	✓
EN 124	Pression d'appui du cadre	✓	✓	✓	✓	✓
EN 124	Hauteur du cadre			✓	✓	✓
EN 124	Angle d'ouverture des tampons/Gratings articulé(e)s	✓	✓	✓	✓	✓
EN 124	Force de contrôle (résistance sous charge)	✓	✓	✓	✓	✓
EN 124	Désignation du matériau	✓	✓	✓	✓	✓
NF	Essais routiers			✓	✓	✓
NF	Accessibilité des personnes à mobilité réduite aux lieux publics et privés (le cas échéant)	✓	✓	✓	✓	✓
NF	Hauteur de garde d'eau	✓	✓	✓	✓	✓
NF	Marquages EN124 + NF	✓	✓	✓	✓	✓
EN 124	Réaction au feu	✓	✓	✓	✓	✓
EN 124	Si applicable : Durabilité des dispositifs en matériau plastique (déflexion sous charge, résistance aux chocs, effets de la chaleur)	✓	✓			
EN 124	Si applicable : Durabilité des dispositifs en matériau composite (déflexion sous charge, fatigue, résistance aux chocs, effets de la chaleur)	✓	✓	✓		
EN 124	Si applicable : Durabilité des dispositifs en béton (compression, absorption d'eau, gel/dégel)	✓	✓	✓	✓	✓
NF	Compatibilité avec la NF P.16-346-2			✓	✓	✓
NF	Ouverture des dispositifs	✓	✓	✓	✓	✓
NF	Spécifications d'essais avaloirs	✓	✓			
NF	Service rendu aux collectivités et installateurs	✓	✓	✓	✓	✓
NF	Spécifications d'essais des plaques et Gratings de caniveaux	✓	✓	✓	✓	✓
NF	Tampons à remplissage béton	✓	✓	✓	✓	✓

✓ AFNOR Certification - 11, rue Francis de Pressensé - 93571 LA PLAINE SAINT-DENIS Cedex.

La marque  Voirie complète les exigences de l'EN 124 en garantissant la maîtrise de la conception et de l'après-vente, selon le système d'Assurance Qualité conforme à l'ISO 9001 : 2015.



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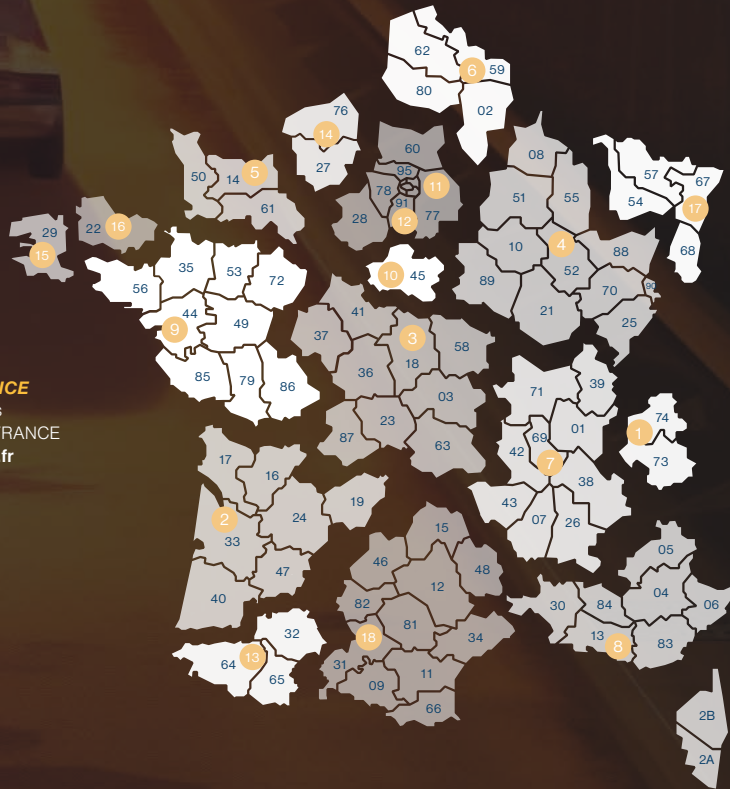
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