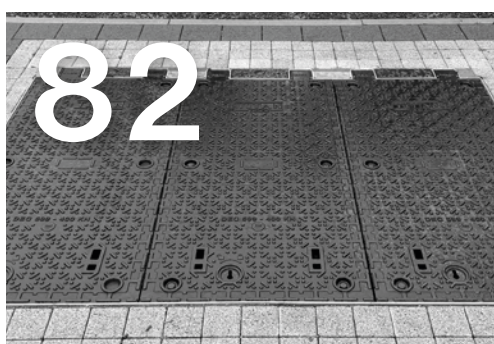
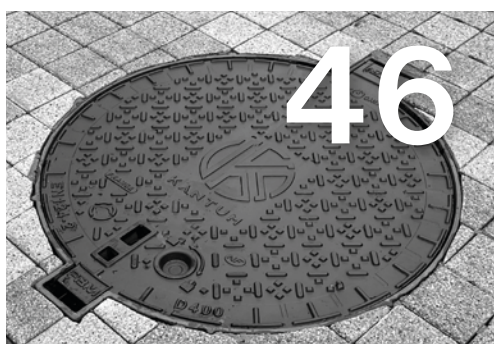
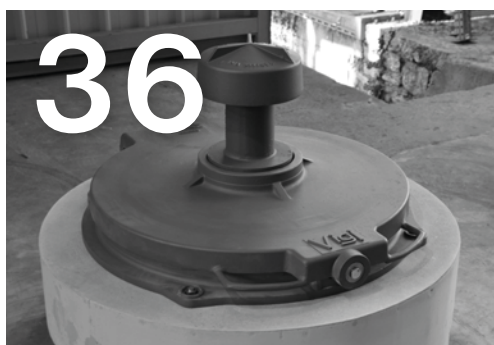




CATALOGUE
PRODUIT

 **SOVAL**
Groupe Somborn Lang Ferry

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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



19
agencies

> Assembly of the flanges

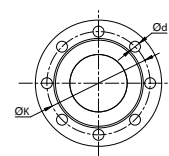
The movable flange segments of our fittings are assembled using **steel rings for greater resilience**.



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	168	166/192	186
175	193,7	201	196	180		180		207/225	
200	219,1	229/240	222	200 ou 225	200	200/225	220	218/238	242/254
250	273	281	274	250 ou 280	250	250/280	272	272/292	299/318
300	323,9	331	326	315	315	315	315/324	326/350	355/376
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								

Fittings for water networks

Souplesur-T fittings

SOUPLESSUR-T Tyton

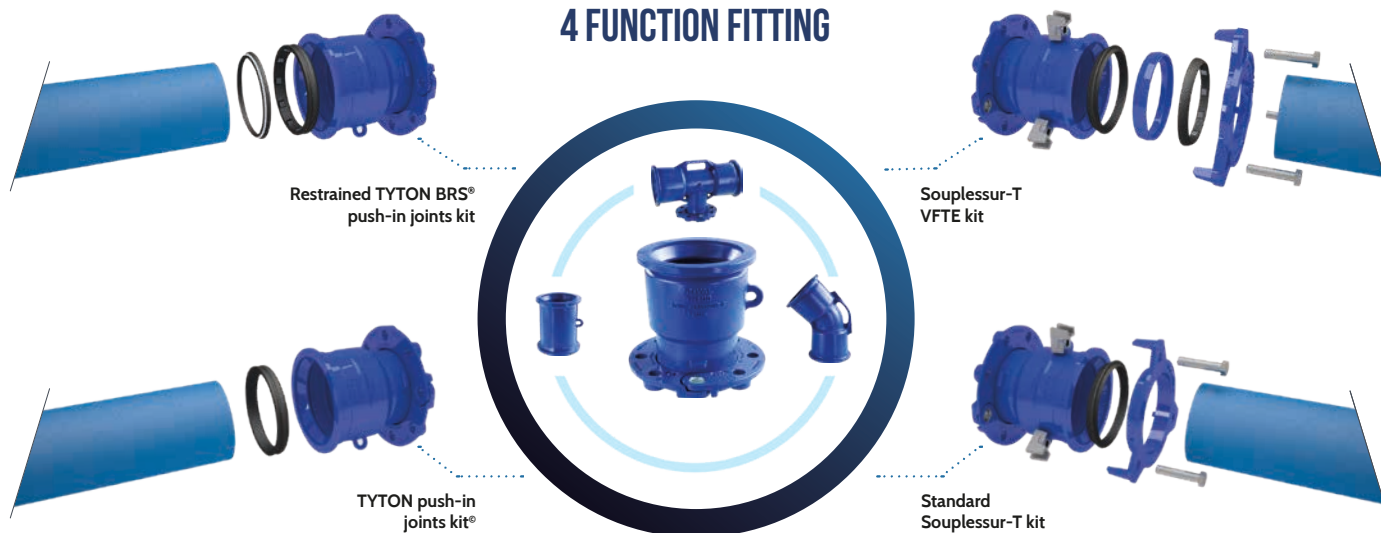
AUTOMATIC JOINT FITTING

PN10 - PN16 - PN25

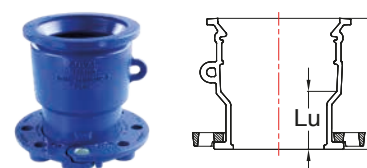
MECHANICAL JOINT FITTING

PN10 - PN16

4 FUNCTION FITTING



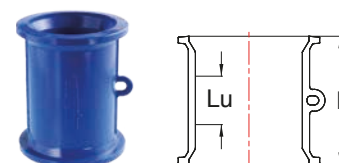
SOUPLESSUR-T Flanged socket



DN	Ref.	Working pressure	Range	L	Lu	kg	Price€
100	24843	PN 10 - PN 16	115 - 119	203	90	8,02	177,65
100	29950	PN 25	115 - 119	203	90	9,26	184,75
125	29617	PN 10 - PN 16	141 - 145	219	100	11,58	226,00
125	40199	PN 25	141 - 145	219	100	15,78	227,70
150	24844	PN 10 - PN 16	167 - 171	226	100	13,52	257,60
150	40747	PN 25	167 - 171	226	100	15,34	276,50
200	24845	PN 10	219 - 223	225	100	19,48	328,60
200	27338	PN 16	219 - 223	225	100	19,90	349,10
200	40749	PN 25	219 - 223	225	100	21,42	367,70
250	35951	PN 10	271 - 275	242	105	32,10	484,30
250	40496	PN 16	271 - 275	242	105	32,88	517,85
250	40751	PN 25	271 - 275	242	105	34,80	491,25
300	35952	PN 10	323 - 327	253	110	40,30	617,05
300	43821	PN 16	323 - 327	253	110	40,30	630,15

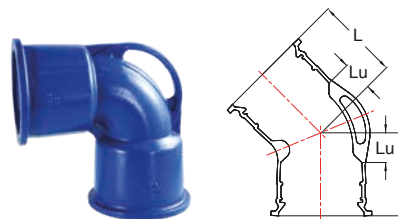
SOUPLESSUR-T Coupling

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



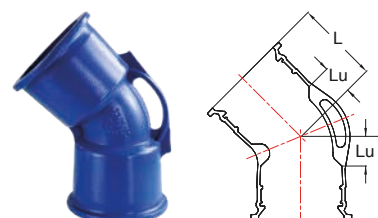
DN	Ref.	Range	L	Lu	kg	Price€
100	25788	115 - 126	218	170	7,20	195,15
125	29626	141 - 152	210	165	7,40	235,05
150	25774	167 - 178	212	160	8,80	310,75
200	25803	219 - 229	216	160	13,15	355,15
250	35964	271 - 282	400	336	32,00	499,50
300	35965	323 - 335	400	336	38,00	604,60

SOUPLESSUR-T 90° double socket bend



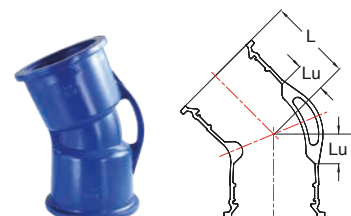
DN	Ref.	Range	L	Lu	kg	Price €
100	25789	115 - 119	213	100	11,00	239,60
125	29618	141 - 145	234	115	16,30	266,45
150	25777	167 - 171	259	135	20,00	391,00
200	25800	219 - 223	290	165	28,50	497,05

SOUPLESSUR-T 45° double socket bend



DN	Ref.	Range	L	Lu	kg	Price €
100	24840	115 - 119	168	55	10,50	239,60
125	29619	141 - 145	184	65	14,50	266,45
150	24841	167 - 171	196	70	16,00	391,00
200	24842	219 - 223	200	75	24,00	497,05
250	35945	271 - 275	257	120	49,50	670,25
300	35946	323 - 327	283	140	64,30	863,60

SOUPLESSUR-T 22°30' double socket bend



DN	Ref.	Range	L	Lu	kg	Price €
100	25790	115 - 119	153	40	10,00	239,60
125	29620	141 - 145	174	55	14,00	266,45
150	25776	167 - 171	174	50	16,00	391,00
200	25801	219 - 223	180	55	21,80	497,05
250	35947	271 - 275	207	70	42,50	576,10
300	35948	323 - 327	223	80	54,30	745,15

SOUPLESSUR-T 11°15' double socket bend



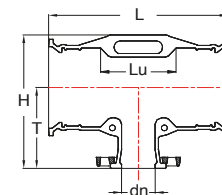
DN	Ref.	Range	L	Lu	kg	Price €
100	25791	115 - 119	148	35	9,30	239,60
125	29621	141 - 145	159	40	13,00	266,45
150	25775	167 - 171	169	45	16,00	391,00
200	25802	219 - 223	170	45	21,10	497,05
250	35949	271 - 275	257	120	40,20	518,95
300	35950	323 - 327	283	140	50,80	722,40

Fittings for water networks

Souplesur-T fittings

SOUPLESSUR-T

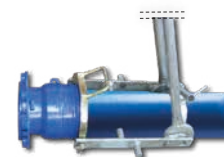
Double socket tee with loose flange branch



DN	dn	Ref.	Range	L	Lu	T	H	kg	Price €
100	60	25792	115 - 119	381	155	165	266	12,00	248,70
100	80	25793	115 - 119	391	165	170	271	13,00	248,70
100	100	25794	115 - 119	421	195	180	281	17,00	248,70
125	60	29622	141 - 145	398	160	180	295	17,00	317,70
125	80	29623	141 - 145	413	175	185	300	18,00	317,70
125	100	29624	141 - 145	433	195	195	310	19,00	317,70
125	125	29625	141 - 145	463	225	200	315	20,60	317,70
150	60	25778	167 - 171	408	160	190	330	20,38	382,05
150	80	25779	167 - 171	428	180	200	330	21,66	382,05
150	100	25780	167 - 171	448	200	205	335	22,82	382,05
150	125	25781	167 - 171	478	230	215	345	25,58	382,05
150	150	25782	167 - 171	508	260	220	351	28,82	382,05
200	60	25795	219 - 223	430	180	215	371	27,58	523,30
200	80	25796	219 - 223	430	180	225	381	28,96	523,30
200	100	25797	219 - 223	450	200	230	386	30,02	523,30
200	150	25798	219 - 223	510	260	245	401	37,12	523,30
200	200	25799	219 - 223	570	320	260	416	41,00	523,30

SOUPLESSUR-T

Connection kit



DN	Ref.	kg	Price €
100	27022	25,37	3765,65
125	29614	26,25	4182,25
150	26985	27,25	4183,90
200	27023	29,84	4363,30
250	35974	35,00	6086,90
300	35975	45,00	7258,50

TYTON push-in joints

Control kit



Ref.	Price €
25592	17,55

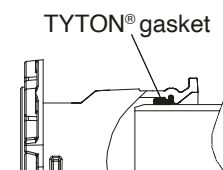
Cast iron connection

Lubricating grease 250GR



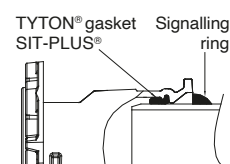
Ref.	Price €
27079	17,55

SOUPLESSUR-T TYTON gasket kit



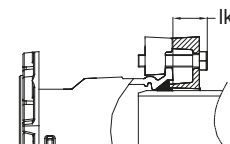
DN	Ref.	Range	kg	Price €
100	24852	115 - 119	0,20	18,40
125	29633	141 - 145	0,20	21,65
150	24853	167 - 171	0,20	23,70
200	24854	219 - 223	0,40	30,20
250	35966	271 - 275	0,44	67,30
300	35967	323 - 327	0,63	84,35

SOUPLESSUR-T TYTON BRS gasket kit



DN	Ref.	Range	kg	Price €
100	24855	115 - 119	0,17	74,60
125	29634	141 - 145	0,25	88,05
150	24856	167 - 171	0,31	99,35
200	24857	219 - 223	0,25	188,85
250	35968	271 - 275	0,51	268,30
300	35969	323 - 327	0,71	374,45

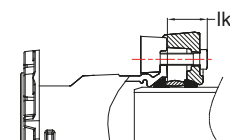
SOUPLESSUR-T Standard gasket kit



DN	Ref.	Range	lk	kg	Price €
100	24846	115 - 119	50	4,00	73,90
125	29615	141 - 145	50	4,94	74,60
150	24847	167 - 171	50	7,37	85,25
200	24848	219 - 223	55	7,70	102,90
250	35970	271 - 275	55	11,00	181,75
300	35971	323 - 327	55	13,20	196,25

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	197,90
125	29616	141 - 145	65	6,99	252,55
150	24850	167 - 171	60	9,57	303,10
200	24851	219 - 223	65	10,01	382,45
250	35972	271 - 275	70	15,80	565,95
300	35973	323 - 327	70	18,10	628,60

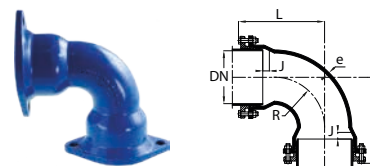
Remarks: Fasteners class 8.8 and cast iron nuts GEOMET-500 Grade B coated

Fittings for water networks

Souplesur fittings

SOUPLESSUR

90° double socket bend



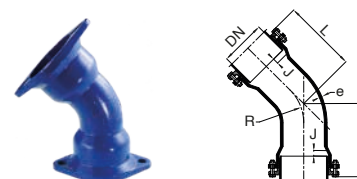
Dimensions							
Coude	DN	Range	L	R	J	e	Bolts
1/4	60	76 - 86	200	66	10	8	2
1/4	80	95 - 106	225	85	15	8,5	2

Bend + standard gasket	
Ref.	Price €
22078	193,25
22079	240,55

Bend alone		
Ref.	kg	Price €
15420	6,00	151,05
15421	8,20	177,65

SOUPLESSUR

45° double socket bend



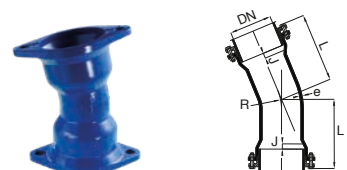
Dimensions							
Coude	DN	Range	L	R	J	e	Bolts
1/8	60	76 - 86	170	89	10	8	2
1/8	80	95 - 106	185	11	15	8,5	2

Bend + standard gasket	
Ref.	Price €
22086	193,25
22087	240,55

Bend alone		
Ref.	kg	Price €
15428	5,20	151,05
15429	6,54	177,65

SOUPLESSUR

22°30' double socket bend



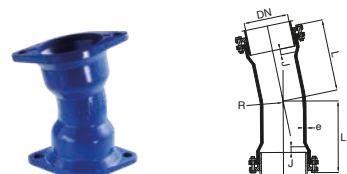
Dimensions							
Coude	DN	Range	L	R	J	e	Bolts
1/16	60	76 - 86	160	121	10	8	2
1/16	80	95 - 106	170	141	15	8,5	2

Bend + standard gasket	
Ref.	Price €
22094	193,25
22095	240,55

Bend alone		
Ref.	kg	Price €
15436	4,68	151,05
15437	6,42	177,65

SOUPLESSUR

11°15' double socket bend



Dimensions							
Coude	DN	Range	L	R	J	e	Bolts
1/32	60	76 - 86	155	183	10	8	2
1/32	80	95 - 106	160	203	15	8,5	2

Bend + standard gasket	
Ref.	Price €
22102	193,25
22103	240,55

Bend alone		
Ref.	kg	Price €
15443	4,54	151,05
15444	6,80	177,65

SOUPLESSUR

Loose flanged socket



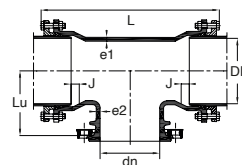
Dimensions						
DN	Range	L	Lu	J	e	Bolts
60	76 - 86	170	70	10	8	2
80	95 - 106	190	70	15	8,5	2

BE + joint standard	
Ref.	Price €
22066	134,75
22067	177,10

BE seul		
Ref.	kg	Price €
15406	3,90	113,65
15407	5,06	145,65

SOUPLESSUR

Double socket Tee with loose flange branch



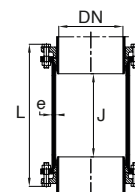
Dimensions								
DN	dn	Range	L	Lu	J	e1	e2	Bolts
60	60	76 - 86	370	140	10	8	8	2
80	60	95 - 106	400	170	15	8,5	8	2
80	80	95 - 106	400	170	15	8,5	8,5	2

Tee + standard gasket	
Ref.	Price €
22110	205,70
22111	292,20
22112	292,20

Tee alone		
Ref.	kg	Price €
15451	8,08	163,50
15452	10,88	229,30
15453	11,10	229,30

SOUPLESSUR

Coupling



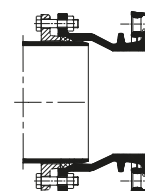
Dimensions					
DN	Range	L	J	e	Bolts
60	76 - 86	300	20	8	2
80	95 - 106	300	30	8,5	2

Coupling + standard gasket	
Ref.	Price €
22032	170,00
22036	249,45

Coupling alone		
Ref.	kg	Price €
15390	4,55	127,80
15391	7,52	186,55

SOUPLESSUR

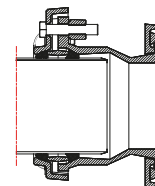
Standard gasket kit



DN	Ref.	Range	Bolts / kit	Tightening torque	kg	Price €
60	15494	76 - 86	2xM16-80	80 Nm	1,73	21,10
80	15495	95 - 106	2xM18-90	80 Nm	2,59	31,45

SOUPLESSUR

VFTE gasket kit



DN	Ref.	Range	Bolts / kit	Tightening torque	kg	Price €
60	15305	76 - 86	2xM16-80	80 Nm	2,88	145,25
80	15306	95 - 106	2xM18-90	80 Nm	3,64	158,10

Fittings for water networks

Loose flanges fitting

Loose flanges

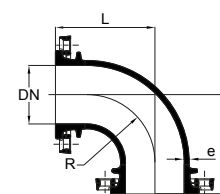
Flange segments



PN 16				PN 25			
DN	Ref.	kg	Price€	DN	Ref.	kg	Price€
200	25813	5,40	84,90	60	25805	1,76	25,30
250	25814	8,64	139,90	65	25806	2,16	34,80
300	25815	9,56	153,10	100	25807	3,04	34,80
350	47124	13,02	139,65	125	25808	4,20	61,70
400	47126	18,26	244,00	150	25809	5,20	62,00
450	15968	21,00	379,20	200	25810	6,88	89,50
500	47128	34,02	320,55	250	25811	10,56	117,80
600	47130	44,00	436,60	300	25812	14,12	144,20

Loose flanges fitting

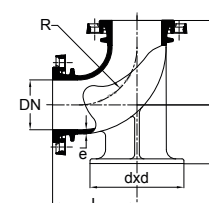
90° bend



DN	Ref.	Working pressure	L	R	e	kg	Price€
40	33	PN 10 à PN 40	140	100	8,0	5,12	97,65
60	35	PN 10 - PN 16	160	105	8,0	7,36	97,00
80	37	PN 10 à PN 40	165	110	8,5	9,86	112,50
100	39	PN 10 à PN 40	180	125	8,5	12,18	126,90
125	41	PN 10 - PN 16	200	140	9,0	16,68	148,90
150	43	PN 10 - PN 16	220	160	9,5	23,24	236,35
200	46	PN 10 - PN 16	260	195	9,5	32,56	335,00
200	16559	PN 16	260	195	9,5	33,88	383,40
250	48	PN 10	350	290	12,0	64,78	786,15
250	16769	PN 16	350	290	12,0	68,86	840,90
300	50	PN 10	400	335	9,5	88,00	1077,50
300	47429	PN 16	400	335	9,5	77,00	1172,60
350	58	PN 10	450	380	10,2	115,50	2601,70
350	47433	PN 16	450	380	10,2	112,00	3574,65
400	59	PN 10	500	425	10,8	163,60	3347,30
400	47498	PN 16	500	425	10,8	166,60	3581,00
500	10856	PN 10	600	515	12,0	266,20	3782,80
500	47502	PN 16	600	515	12,0	260,20	4678,25
600	15955	PN 10	700	605	13,2	388,40	6642,70
600	47444	PN 16	700	605	13,2	349,00	8480,10

Loose flanges fitting

Duckfoot 90° bend

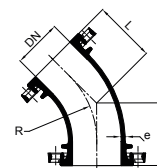


DN	Ref.	Working pressure	L	R	e	c	dxd	kg	Price€
60	9963	PN 10 - PN 16	160	105	8,5	100	160	10,32	137,60
80	38	PN 10 à PN 40	165	120	8,5	110	180	14,92	168,10
100	40	PN 10 - PN 16	180	125	8,5	125	200	16,82	187,30
125	42	PN 10 - PN 16	200	140	9,0	140	200	24,00	290,65
150	44	PN 10 - PN 16	220	160	9,5	160	250	32,04	313,15
200	47	PN 10	260	195	9,5	190	300	48,26	536,85
200	17414	PN 16	260	195	9,5	190	300	49,58	578,90
250	49	PN 10	350	290	12,0	210	350	95,28	1127,35
300	51	PN 10	400	335	13,0	240	400	137,28	1536,55
300	23217	PN 16	400	335	13,0	240	400	139,12	1583,00

Fittings for water networks

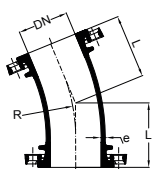
Loose flanges fitting

Loose flanges fitting 45° bend



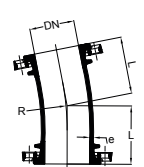
DN	Ref.	Working pressure	L	R	e	kg	Price€
40	85	PN 10 à PN 40	140	230	8,0	5,74	97,65
60	87	PN 10 - PN 16	160	255	7,0	7,80	96,15
80	89	PN 10 à PN 40	130	175	8,5	9,28	111,40
100	90	PN 10 - PN 16	140	200	7,2	10,42	123,20
125	91	PN 10 - PN 16	150	220	9,0	15,26	144,50
150	92	PN 10 - PN 16	160	265	7,8	18,74	218,65
200	94	PN 10	180	195	8,4	28,36	310,75
200	16478	PN 16	180	195	8,4	29,68	373,05
250	95	PN 10	245	565	12,0	52,38	574,10
250	16908	PN 16	245	565	12,0	56,46	633,85
300	96	PN 10	275	/	9,5	68,68	987,75
300	19474	PN 16	275	/	9,5	79,20	1112,40
350	97	PN 10	298	550	10,2	99,50	1297,65
350	47496	PN 16	298	550	10,2	93,50	1432,30
400	84	PN 10	320	591	10,8	107,04	1523,60
400	47436	PN 16	320	591	10,8	112,00	1713,95
500	10857	PN 10	375	700	12,0	197,20	2827,25
500	47501	PN 16	375	700	12,0	203,20	3525,95
600	15956	PN 10	426	799	13,2	286,10	4257,30
600	47503	PN 16	426	799	13,2	289,50	5234,10

Loose flanges fitting 22°30' bend



DN	Ref.	Working pressure	L	R	e	kg	Price€
40	120	PN 10 à PN 40	95	210	8,0	4,92	97,65
60	122	PN 10 - PN 16	115	300	8,0	6,86	93,45
80	124	PN 10 à PN 40	105	240	8,5	8,88	103,20
100	125	PN 10 - PN 16	110	265	8,5	10,08	119,45
125	126	PN 10 - PN 16	105	235	9,0	13,32	132,65
150	127	PN 10 - PN 16	110	245	9,5	17,24	188,55
200	129	PN 10	130	340	9,5	27,76	280,30
200	16479	PN 16	130	340	9,5	29,08	336,05
250	130	PN 10	140	405	12,0	49,48	532,95
250	16909	PN 16	140	405	12,0	53,56	539,15
300	131	PN 10	240	/	9,5	58,50	841,80
300	47495	PN 16	240	/	9,5	67,40	1034,65
350	15714	PN 10	215	729	10,2	85,40	3274,85
350	47431	PN 16	215	729	10,2	85,00	3521,90
400	15715	PN 10	239	824	10,8	106,00	1278,70
400	47435	PN 16	239	824	10,8	111,00	1821,80
500	15716	PN 10	272	940	12,0	157,20	2781,00
500	47500	PN 16	272	940	12,0	173,20	2718,50
600	18749	PN 10	320	1131	13,2	234,00	5487,70
600	47442	PN 16	320	1131	13,2	245,00	5631,75

Loose flanges fitting 11°15' bend

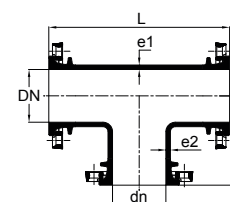


DN	Ref.	Working pressure	L	R	e	kg	Price€
60	145	PN 10 - PN 16	120	655	8,0	7,24	93,45
80	147	PN 10 à PN 40	115	570	8,5	9,02	104,05
100	148	PN 10 - PN 16	115	590	8,5	10,22	119,45
125	149	PN 10 - PN 16	110	540	9,0	13,80	132,65
150	150	PN 10 - PN 16	115	540	9,5	19,34	188,55
200	151	PN 10	130	680	9,5	27,96	280,30
200	19473	PN 16	130	680	9,5	29,28	326,25
250	152	PN 10	105	450	14,5	43,00	532,95
250	47426	PN 16	105	450	14,5	44,00	689,75
300	153	PN 10	115	500	15,5	54,00	843,40
300	47494	PN 16	115	500	15,5	59,50	904,80
350	15717	PN 10	190	1218	10,2	78,40	3155,70
350	47430	PN 16	190	1218	10,2	77,00	3189,20
400	15718	PN 10	205	1320	10,8	96,70	1212,70
400	47497	PN 16	205	1320	10,8	94,70	1566,20
500	15719	PN 10	233	1503	12,0	146,40	1937,55
500	47499	PN 16	233	1503	12,0	159,40	2434,50

Fittings for water networks

Loose flanges fitting

Loose flanges fitting Tee DN 40 to DN 300



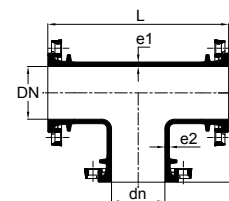
DN	dn	Ref.	Working pressure	L	l	e1	e2	kg	Price €
40	40	244	PN 10 à PN 40	280	140	8	8	8,36	110,30
50	50	316	PN 10 à PN 40	280	140	8	8	11,38	120,75
60	40	245	PN 10 / 16	300	130	8	8	9,80	134,90
60	60	246	PN 10 / 16	320	160	8	8	10,94	134,90
80	40	250	PN 10 à PN 40	330	140	8,5	8	12,76	166,95
80	60	251	PN 10 / 16	330	160	8,5	8	14,00	166,95
80	80	253	PN 10 à PN 40	330	165	8,5	8,5	15,20	166,95
100	40	254	PN 10 / 16	320	150	8,5	8	16,92	178,95
100	60	255	PN 10 / 16	320	170	8,5	8	17,72	178,95
100	80	257	PN 10 / 16	320	175	8,5	8,5	20,52	178,95
100	100	258	PN 10 / 16	360	180	7,2	7,2	21,08	178,95
125	40	259	PN 10 / 16	400	165	9	8	23,70	242,35
125	60	260	PN 10 / 16	400	185	9	8	23,76	242,35
125	80	262	PN 10 / 16	400	190	9	8,5	28,12	242,35
125	100	263	PN 10 / 16	400	195	9	8,5	29,34	242,35
125	125	264	PN 10 / 16	400	200	7,5	7,5	26,06	242,35
150	60	265	PN 10 / 16	440	195	9,5	8	32,24	301,25
150	80	267	PN 10 / 16	440	205	9,5	8,5	40,34	301,25
150	100	268	PN 10 / 16	380	205	7,8	7,2	44,16	301,25
150	125	269	PN 10 / 16	440	210	9,5	9,0	41,02	301,25
150	150	270	PN 10 / 16	440	220	7,8	7,8	45,06	301,25
200	60	274	PN 10	520	220	9,5	8	45,38	454,55
200	80	276	PN 10	520	235	9,5	8,5	41,66	454,55
200	100	277	PN 10	400	230	8,4	7,2	45,48	454,55
200	125	278	PN 10	520	240	9,5	8,5	42,34	454,55
200	150	279	PN 10	520	250	9,5	9,5	46,38	454,55
200	200	280	PN 10	520	260	8,4	8,4	46,68	454,55
200	60	16775	PN 16	520	220	9,5	8	51,02	526,95
200	80	16755	PN 16	520	235	9,5	8,5	55,68	526,95
200	100	11254	PN 16	400	230	8,4	7,2	56,04	526,95
200	125	17825	PN 16	520	240	9,5	8,5	58,58	526,95
200	150	16761	PN 16	520	250	9,5	9,5	61,00	526,95
200	200	11440	PN 16	520	260	8,4	8,4	66,06	526,95
250	60	281	PN 10	550	275	12	8	68,52	802,75
250	80	283	PN 10	550	275	12	8,5	59,76	802,75
250	100	284	PN 10	550	275	12	8,5	60,12	802,75
250	125	285	PN 10	550	275	12	8,5	62,56	802,75
250	150	286	PN 10	550	275	12	9,5	65,08	802,75
250	200	287	PN 10	550	275	12	9,5	70,80	802,75
250	250	288	PN 10	550	275	12	12	74,64	802,75
250	60	16911	PN 16	550	275	12	8	69,04	857,65
250	80	16754	PN 16	550	275	12	8,5	89,06	857,65
250	100	16753	PN 16	550	275	12	8,5	93,92	857,65
250	125	22621	PN 16	550	275	12	8,5	99,92	857,65
250	150	16760	PN 16	550	275	12	9,5	65,08	857,65
250	200	16759	PN 16	550	275	12	9,5	70,80	857,65
250	250	16758	PN 16	550	275	12	12	74,64	857,65
300	100	289	PN 10	450	300	13	8,5	69,04	1109,90
300	150	290	PN 10	630	315	13	9,5	83,80	1109,90
300	200	291	PN 10	630	315	13	9,5	89,06	1109,90
300	250	292	PN 10	630	315	13	12,0	93,92	1109,90
300	300	293	PN 10	630	315	13	13,0	99,92	1109,90
300	100	16752	PN 16	450	300	13	8,5	70,96	1175,65
300	150	17295	PN 16	630	315	13	9,5	85,72	1175,65
300	200	16757	PN 16	630	315	13	9,5	91,64	1175,65
300	250	16756	PN 16	630	315	13	12,0	97,88	1175,65
300	300	17294	PN 16	630	315	13	13,0	102,80	1175,65

Fittings for water networks

Loose flanges fitting

Loose flanges fitting

Tee DN 350 to DN 600



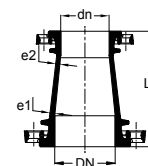
DN	dn	Ref.	PN	L	I	e1	e2	kg	Price €
350	100	15722	PN 10	470	330	10,2	7,2	101,00	1707,10
350	150	15723	PN 10	530	340	10,2	7,8	108,00	1707,10
350	200	318	PN 10	585	350	10,2	8,4	130,00	1723,85
350	250	9391	PN 10	645	360	10,2	9,0	131,00	1723,85
350	300	319	PN 10	705	370	10,2	9,6	151,00	1723,85
350	350	320	PN 10	760	380	10,2	10,2	157,00	1723,85
350	100	47445	PN 16	470	330	10,2	7,2	120,00	1813,70
350	150	47446	PN 16	530	340	10,2	7,8	125,00	1862,35
350	200	47447	PN 16	585	350	10,2	8,4	129,00	1943,50
350	250	47448	PN 16	645	360	10,2	9,0	135,00	2158,55
350	300	47449	PN 16	705	370	10,2	9,6	140,00	2195,10
350	350	47450	PN 16	760	380	10,2	10,2	148,00	2247,80
400	100	304	PN 10	490	360	10,8	7,2	142,00	2108,95
400	150	322	PN 10	550	370	10,8	7,8	166,00	2129,20
400	200	323	PN 10	610	380	10,8	8,4	173,00	2129,20
400	250	15724	PN 10	665	390	10,8	9,0	160,00	2108,95
400	300	324	PN 10	725	400	10,8	9,6	186,00	2129,20
400	350	15725	PN 10	780	420	10,8	10,2	185,00	2108,95
400	400	325	PN 10	840	420	10,8	10,8	195,00	2129,20
400	100	47451	PN 16	490	360	10,8	7,2	147,00	2187,00
400	150	47452	PN 16	550	370	10,8	7,8	151,00	2215,40
400	200	47453	PN 16	610	380	10,8	8,4	156,00	2296,50
400	250	47454	PN 16	665	390	10,8	9,0	161,00	2479,10
400	300	47455	PN 16	725	400	10,8	9,6	166,00	2527,80
400	350	47456	PN 16	780	420	10,8	10,2	176,00	2596,80
400	400	47457	PN 16	840	420	10,8	10,8	184,00	2722,55
500	100	10862	PN 10	535	420	12	7,2	158,00	3196,40
500	150	15726	PN 10	535	420	12	7,8	170,00	3196,40
500	200	10861	PN 10	650	440	12	8,4	181,00	3196,40
500	250	15727	PN 10	650	440	12	9,0	192,00	3196,40
500	300	10860	PN 10	765	460	12	9,6	208,00	3196,40
500	350	15728	PN 10	825	480	12	10,2	228,00	3196,40
500	400	10859	PN 10	885	480	12	10,8	240,00	3196,40
500	500	10858	PN 10	1000	500	12	12,0	306,00	3196,40
500	100	47458	PN 16	535	420	12	7,2	247,00	4012,80
500	150	47459	PN 16	535	420	12	7,8	251,00	4057,45
500	200	47460	PN 16	650	440	12	8,4	255,00	4150,80
500	250	47461	PN 16	650	440	12	9,0	259,00	4215,70
500	300	47462	PN 16	765	460	12	9,6	265,00	4276,55
500	350	47463	PN 16	825	480	12	10,2	271,00	4341,50
500	400	47464	PN 16	885	480	12	10,8	284,00	4536,25
500	500	47465	PN 16	1000	500	12	12,0	309,00	4653,90
600	100	18752	PN 10	700	480	13,2	7,2	286,00	4577,75
600	150	18753	PN 10	700	490	13,2	7,8	303,00	4712,15
600	200	18754	PN 10	700	500	13,2	8,4	312,00	5360,15
600	300	15962	PN 10	810	520	13,2	9,6	326,00	5582,40
600	400	15963	PN 10	930	540	13,2	10,8	334,00	5582,40
600	500	15964	PN 10	975	550	13,2	12,0	394,00	5582,40
600	600	15965	PN 10	1100	550	13,2	13,2	449,00	5582,40
600	100	47466	PN 16	700	480	13,2	7,2	331,00	5372,10
600	150	47467	PN 16	700	490	13,2	7,8	335,00	5469,45
600	200	47468	PN 16	700	500	13,2	8,4	339,00	5562,80
600	300	47469	PN 16	810	520	13,2	9,6	349,00	5696,70
600	400	47470	PN 16	930	540	13,2	10,8	365,00	5891,45
600	500	47471	PN 16	975	550	13,2	12,0	393,00	6106,50
600	600	47472	PN 16	1100	550	13,2	13,2	419,00	6276,90

Fittings for water networks

Loose flanges fitting

Loose flanges fitting

Taper

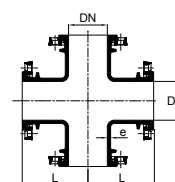


DN	dn	Ref.	PN	L	e1	e2	kg	Price €
60	40	444	PN 10 / 16	150	8,0	8,0	4,87	69,10
60	50	445	PN 10 / 16	150	8,0	8,0	5,39	69,10
80	40	446	PN 10 à PN 40	150	8,5	8,0	5,74	82,70
80	50	447	PN 10 à PN 40	150	8,5	8,0	6,17	82,70
80	60	448	PN 10 / 16	150	8,5	8,0	6,68	82,70
100	40	450	PN 10 / 16	150	8,5	8,0	9,12	108,10
100	50	451	PN 10 / 16	150	8,5	8,0	9,43	108,10
100	60	452	PN 10 / 16	150	8,5	8,0	10,40	108,10
100	80	453	PN 10 / 16	200	8,5	8,5	12,10	108,10
125	40	454	PN 10 / 16	200	9,0	8,0	12,87	140,40
125	60	455	PN 10 / 16	200	9,0	8,0	13,28	140,40
125	80	456	PN 10 / 16	200	9,0	8,5	19,06	140,40
125	100	457	PN 10 / 16	200	9,0	8,5	21,56	140,40
150	60	458	PN 10 / 16	200	9,5	8,0	22,06	173,15
150	80	459	PN 10 / 16	200	9,5	8,5	23,40	173,15
150	100	460	PN 10 / 16	200	9,5	8,5	21,92	173,15
150	125	461	PN 10 / 16	200	9,5	9,0	22,50	173,15
200	100	462	PN 10	200	9,5	8,5	24,44	243,90
200	125	463	PN 10	200	9,5	9,0	28,16	243,90
200	150	464	PN 10	200	9,5	9,5	29,42	243,90
200	100	16451	PN 16	200	9,5	8,5	24,54	273,20
200	125	20041	PN 16	200	9,5	9,0	26,48	273,20
200	150	16328	PN 16	200	9,5	9,5	30,20	273,20
250	100	465	PN 10	200	12,0	8,5	22,50	302,50
250	125	466	PN 10	200	12,0	9,0	24,44	302,50
250	150	467	PN 10	200	12,0	9,5	28,16	302,50
250	200	468	PN 10	200	12,0	9,5	29,42	331,30
250	100	16913	PN 16	200	12,0	8,5	24,54	374,45
250	125	16768	PN 16	200	12,0	9,0	26,48	374,45
250	150	16764	PN 16	200	12,0	9,5	30,20	374,45
250	200	16767	PN 16	200	12,0	9,5	32,12	374,45
300	150	469	PN 10	200	13,0	9,5	32,46	497,05
300	200	470	PN 10	200	13,0	9,5	35,42	497,05
300	250	471	PN 10	200	13,0	12,0	39,48	497,05

DN	dn	Ref.	PN	L	e1	e2	kg	Price €
300	150	16766	PN 16	200	13,0	9,5	33,42	526,95
300	200	16763	PN 16	200	13,0	9,5	37,04	526,95
300	250	16765	PN 16	200	13,0	12,0	42,48	526,95
350	200	10155	PN 10	290	10,2	8,4	55,00	1014,90
350	250	15957	PN 10	300	10,2	9,0	61,00	1014,90
350	300	478	PN 10	290	10,2	9,6	67,00	1024,85
350	200	47504	PN 16	290	10,2	8,4	49,30	750,60
350	250	47505	PN 16	300	10,2	9,0	56,40	888,55
350	300	47506	PN 16	290	10,2	9,6	64,20	985,95
400	200	10156	PN 10	300	10,8	8,4	59,00	1193,00
400	250	9728	PN 10	300	10,8	9,0	62,00	1193,00
400	300	9729	PN 10	300	10,8	9,6	68,00	1193,00
400	350	15958	PN 10	300	10,8	10,2	79,00	1193,00
400	200	47507	PN 16	300	10,8	8,4	58,60	953,50
400	250	47508	PN 16	300	10,8	9,0	62,80	1050,90
400	300	47478	PN 16	300	10,8	9,6	70,00	1160,45
400	350	47509	PN 16	300	10,8	10,2	77,80	1241,60
450	300	18746	PN 10	457	11,4	9,6	92,00	1540,20
450	400	18747	PN 10	300	11,4	10,8	96,00	1540,20
500	200	10867	PN 10	600	12,0	8,4	149,00	2814,50
500	300	10866	PN 10	600	12,0	9,6	157,00	2814,50
500	350	15720	PN 10	600	12,0	10,2	160,00	2814,50
500	400	10865	PN 10	600	12,0	10,8	171,00	2814,50
500	450	15721	PN 10	300	12,0	11,4	147,00	2814,50
500	200	47523	PN 16	600	12,0	8,4	105,46	3611,15
500	300	47511	PN 16	600	12,0	9,6	126,10	1943,50
500	350	47482	PN 16	600	12,0	10,2	125,04	3915,45
500	400	47512	PN 16	600	12,0	10,8	140,70	2231,60
600	400	15959	PN 10	600	13,2	10,8	171,00	3433,60
600	450	15960	PN 10	600	13,2	11,4	181,00	3433,60
600	500	15961	PN 10	600	13,2	12,0	193,00	3433,60
600	400	47513	PN 16	600	13,2	10,8	178,50	2771,25
600	500	47514	PN 16	600	13,2	12,0	201,80	3063,35

Loose flanges fitting

Cross

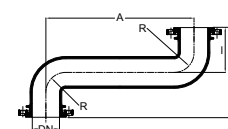


DN	Ref.	Working pressure	L	R	e	kg	Price €
80	712	PN 10 - PN 16	180	9,5	19	17,40	422,15
100	713	PN 10 - PN 16	200	8,5	30	26,74	491,25
125	714	PN 10 - PN 16	225	9,0	38	31,70	703,50
150	715	PN 10 - PN 16	250	9,5	55	51,58	918,75
200	716	PN 10	300	9,5	90	85,12	1261,35
200	12054	PN 16	300	9,5	90	87,76	1345,50
250*	718	PN 10	350	14,0	135	150,00	4248,85
300*	719	PN 10	400	15,5	186	186,00	5444,65
300*	10073	PN 16	400	15,5	186	186,00	5999,55

*fixed flanged fitting

Loose flanges fitting

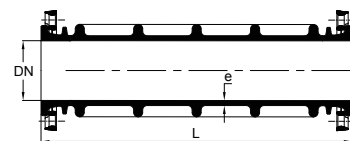
S-piece



DN	Ref.	Working pressure	R	A	I	L	e	kg	Price €
100	9402	PN 10 - PN 16	75	500	175	300	8,5	24,02	322,40
150	31688	PN 10 - PN 16	75	500	200	400	8,5	39,00	510,55

Loose flanges fitting

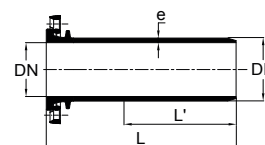
Flanged anchoring sleeve



DN	Ref.	Working pressure	L	e	kg	Price €
60	694	PN 10 - PN 16	600	9,5	17,56	408,30
80	695	PN 10 à PN 40	600	10,5	21,20	472,20
100	696	PN 10 - PN 16	600	12,0	26,42	511,40
125	697	PN 10 - PN 16	600	9,0	28,10	594,60
150	698	PN 10 - PN 16	600	12,0	40,44	675,55
200	700	PN 10	600	15,0	62,56	925,85
200	17413	PN 16	600	15,0	63,88	1027,25
250	701	PN 10	600	13,0	80,48	1202,50
250	16621	PN 16	600	13,0	84,56	1367,25
300	702	PN 10	750	16,0	109,28	1894,60
300	16550	PN 16	750	16,0	111,20	2102,50
350	23661	PN 10	1000	11,0	130,00	3538,65
350	47874	PN 16	1000	11,0	156,04	4013,25
400	23662	PN 10	1000	12,0	183,00	3863,65
400	47875	PN 16	1000	12,0	192,48	4345,15
500	23663	PN 10	1000	13,0	214,00	4799,25
500	47876	PN 16	1000	13,0	282,04	5249,10
600	23664	PN 10	1000	14,0	260,00	5932,65
600	47877	PN 16	1000	14,0	348,00	6393,20

Loose flanges fitting

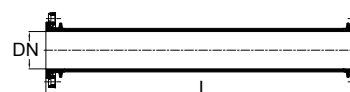
Spigot



DN	Ref.	Working pressure	L	L'	e	DE	kg	Price €
60	735	PN 10 - PN 16	300	200	8,5	77	5,64	93,60
80	737	PN 10 à PN 40	300	215	9	98	7,56	103,20
100	738	PN 10 - PN 16	300	215	9	118	9,12	112,20
125	739	PN 10 - PN 16	300	220	9,5	144	12,50	143,55
150	740	PN 10 - PN 16	300	220	10	170	14,42	162,45
200	742	PN 10	400	230	11	222	33,78	222,55
200	17242	PN 16	400	230	11	222	34,44	250,85
250	743	PN 10	450	240	12	274	39,14	477,85
250	731	PN 16	450	240	12	274	41,18	510,55
300	744	PN 10	450	250	13	326	51,04	652,40
300	18213	PN 16	450	250	13	326	52,00	702,95

Loose flanges fitting

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	426,25
125	533	PN 10 - PN 16	1000	9,0	40,60	521,65
150	534	PN 10 - PN 16	1000	9,5	45,84	661,75
200	536	PN 10	1000	9,5	63,56	909,25
200	18154	PN 16	1000	9,5	64,88	1084,85
250	537	PN 10	1000	12,0	86,28	1645,15
250	17278	PN 16	1000	12,0	90,36	1891,90
300	538	PN 10	1000	13,0	111,28	1507,75
300	21659	PN 16	1000	13,0	113,12	1801,25

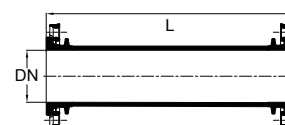
Remark: length > 1m.on request

Fittings for water networks

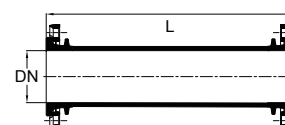
Loose flanges fitting

Loose flanges fitting

Flanged collar length. 0,25m



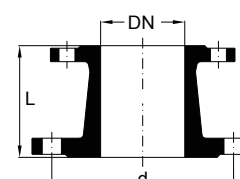
DN	Ref.	Working pressure	L	e	kg	Price €
100	615	PN 10 - PN 16	150	8,5	9,52	95,70
40	616	PN 10 à PN 40	250	8,0	5,44	69,45
50	643	PN 10 à PN 40	250	8,0	8,00	76,00
60	617	PN 10 - PN 16	250	7,0	6,77	84,20
80	618	PN 10 à PN 40	250	8,5	9,01	96,05
100	619	PN 10 - PN 16	250	7,2	10,97	100,15
125	620	PN 10 - PN 16	250	9,0	16,10	125,00
150	621	PN 10 - PN 16	250	7,8	18,64	166,85
200	622	PN 10	250	9,5	22,76	238,35
200	18153	PN 16	250	9,5	29,18	277,75
250	624	PN 10	250	12,0	35,03	409,10
250	16912	PN 16	250	12,0	39,11	462,40
300	625	PN 10	250	13,0	40,28	458,35
300	24011	PN 16	250	13,0	42,12	493,70
350	9323	PN 10	250	/	69,00	985,10
350	47515	PN 16	250	/	64,40	969,75
400	9325	PN 10	250	17,5	80,00	1191,10
400	47517	PN 16	250	17,5	75,90	1261,90
500	10863	PN 10	250	20,0	125,00	2227,65
500	47519	PN 16	250	20,0	114,80	1720,35
600	15966	PN 10	250	22,5	168,00	2801,05
600	47521	PN 16	250	22,5	153,70	2544,05



Loose flanges fitting

Flanged collar length. 0,50m

DN	Ref.	Working pressure	L	e	kg	Price €
40	626	PN 10 à PN 40	500	8,0	7,84	106,95
50	646	PN 10 à PN 40	500	8,0	9,06	127,25
60	627	PN 10 - PN 16	500	7,0	9,76	125,65
80	628	PN 10 à PN 40	500	8,5	13,30	133,10
100	629	PN 10 - PN 16	500	7,2	13,92	148,45
125	630	PN 10 - PN 16	500	9,0	19,90	173,95
150	631	PN 10 - PN 16	500	9,5	27,44	199,15
200	632	PN 10	500	9,5	41,16	304,30
200	17824	PN 16	500	9,5	42,48	351,80
250	633	PN 10	500	12,0	54,28	563,95
250	16916	PN 16	500	12,0	58,36	629,10
300	634	PN 10	500	13,0	65,88	714,40
300	18226	PN 16	500	13,0	67,80	735,90
350	9324	PN 10	500	/	105,40	1157,75
350	47516	PN 16	500	/	86,30	1314,60
400	9326	PN 10	500	17,5	113,00	1457,40
400	47518	PN 16	500	17,5	102,60	1687,90
500	10864	PN 10	500	20,0	170,00	2484,80
500	47520	PN 16	500	20,0	149,50	2280,30
600	15967	PN 10	500	22,5	201,00	3249,30
600	47522	PN 16	500	22,5	201,50	3327,10



Loose flanges fitting

Flanged collar standard / VP

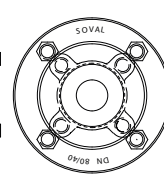
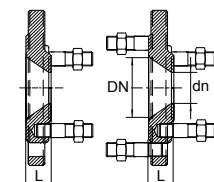
DN	Ref.	Working pressure	d	Holes	L	kg	Price €
60/40	649	PN 10	165-125	3	90	6,80	135,90
80/60	650	PN 10	185-165	3	90	8,00	146,95
125/100	651	PN 10	232-205	4	95	13,02	177,05
150	652	PN 10	257	6	100	15,50	200,60
200	653	PN 10	306	6	110	21,72	253,70

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.

Loose flanges fitting Reducing flange



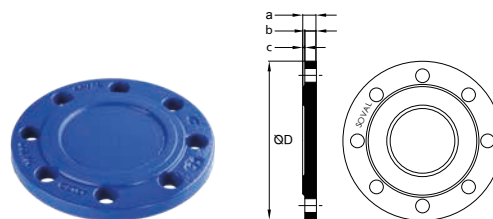
DN	dn	Ref.	Working pressure	Studs	Number and diameter of studs or drilling	L	kg	Price €
60	40	4676	PN 10 - PN 16	double	4M16/4M16	55	6,57	92,70
60	50	4677	PN 10 - PN 16	double	4M16/4M16	55	6,66	92,70
65	40	4678	PN 10 - PN 16	double	4M16/4M16	55	6,57	92,70
65	50	4679	PN 10 - PN 16	double	4M16/4M16	55	6,66	92,70
80	40	4681	PN 10	double	4M16/4M16	30	5,82	101,00
80	40	4682	PN 10 - PN 16- PN 25- PN 40	double	8M16/4M16	30	6,38	108,65
80	50	4683	PN 10	double	4M16/4M16	55	8,27	101,00
80	50	4684	PN 10 - PN 16- PN 25- PN 40	double	8M16/4M16	55	8,83	108,65
80	60	4685	PN 10	double	4M16/4M16	55	8,06	101,00
80	60	4686	PN 10 - PN 16	double	8M16/4M16	55	8,62	108,65
80	65	4687	PN 10	double	4M16/4M16	55	8,06	101,00
80	65	4688	PN 10 - PN 16	double	8M16/4M16	55	8,62	108,65
100	40	4689	PN 10 - PN 16	single	8Ø19/4M16	30	6,54	103,65
100	60	4691	PN 10 - PN 16	double	8M16/4M16	30	8,18	108,65
100	65	4692	PN 10 - PN 16	double	8M16/4M16	30	8,38	118,65
100	80	4693	PN 10	double	8M16/4M16	30	7,88	122,45
100	80	4694	PN 10 - PN 16	double	8M16/8M16	55	8,48	138,55
125	60	4695	PN 10 - PN 16	single	8Ø23/4M16	30	8,64	128,40
125	65	4696	PN 10 - PN 16	double	8M16/4M16	30	9,71	128,40
125	80	4697	PN 10	double	8M16/4M16	30	10,68	134,60
125	80	4698	PN 10 - PN 16	double	8M16/8M16	30	11,24	158,10
125	100	4699	PN 10 - PN 16	double	8M16/8M16	55	12,70	138,55
150	60	4700	PN 10 - PN 16	single	8Ø23/4M16	30	10,86	142,05
150	65	4701	PN 10 - PN 16	single	8Ø23/4M16	30	10,28	142,05
150	80	4702	PN 10	single	8Ø23/4M16	30	8,72	142,05
150	80	4703	PN 10 - PN 16	single	8Ø23/8M16	30	9,28	148,35
150	100	4704	PN 10 - PN 16	double	8Ø23/8M16	30	13,64	172,05
150	125	4705	PN 10 - PN 16	double	8M20/8M16	60	17,22	172,05
200	60	4706	PN 10	single	8Ø23/4M16	45	15,86	172,05
200	60	32933	PN 16	single	8Ø23/4M16	45	15,86	188,00
200	65	4707	PN 10	single	8Ø23/4M16	45	16,16	172,05
200	80	4708	PN 10	single	8Ø23/4M16	45	16,10	177,95
200	80	4709	PN 10	single	8Ø23/8M16	45	16,82	187,70
200	80	16860	PN 16	single	8Ø23/8M16	45	16,00	252,70
200	100	4710	PN 10	single	8Ø23/8M16	45	16,62	177,95
200	100	32934	PN 16	single	8Ø23/8M16	45	16,62	168,25
200	125	4711	PN 10	single	8Ø23/8M16	30	14,68	177,95
200	125	35658	PN 16	single	8Ø23/8M16	30	14,68	177,80
200	150	4712	PN 10	double	8M20/8M20	35	19,02	207,75
200	150	32935	PN 16	double	8M20/8M20	35	19,02	205,25
200	175	4713	PN 10	double	8M20/8M20	60	18,56	207,75
250	150	4714	PN 10	single	12Ø23/8M20	45	23,36	335,95
250	200	4715	PN 10	double	12M20/8M20	45	24,20	375,75
300	200	4716	PN 10	single	12Ø23/8M20	55	27,56	435,15
300	250	4717	PN 10	double	12M20/12M20	40	28,78	474,55

Remarks: stainless steel studs on request

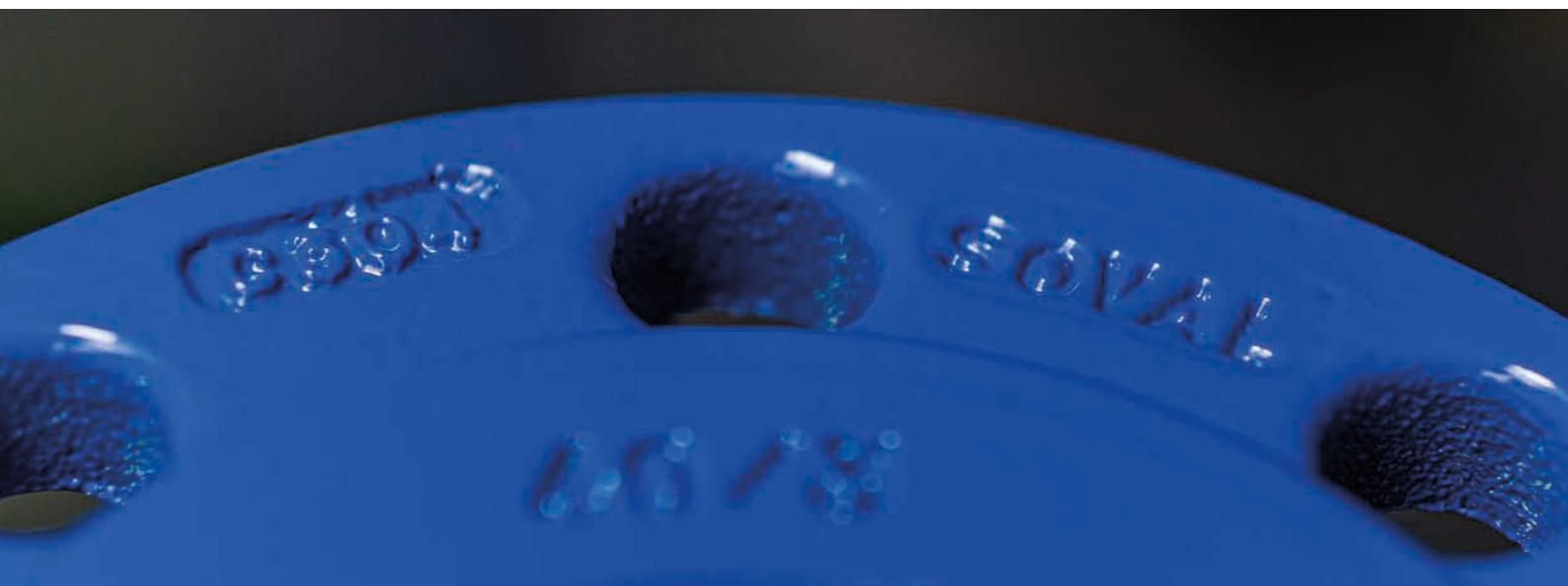
Fittings for water networks

Blind flange

Loose flanges fitting Blind flange



DN	Ref.	Working pressure	ØD	a	b	c	nr of holes	kg	Price €
40	4892	PN 10 à PN 40	150	19	16	3	4	2,00	19,25
50	4893	PN 10 à PN 40	165	19	16	3	4	2,44	24,90
60/65	4895	PN 10 - PN 16	185	19	16	3	4	2,88	28,60
80	4897	PN 10 à PN 40	200	19	16	3	8	3,60	35,45
100	4898	PN 10 - PN 16	220	19	16	3	8	4,24	40,90
100	26939	PN 25	220	19	16	3	8	6,00	1226,35
125	4899	PN 10 - PN 16	250	19	16	3	8	5,60	53,20
150	4900	PN 10 - PN 16	285	19	16	3	8	7,20	68,40
200	4902	PN 10	340	20	17	3	12	10,44	93,95
200	4903	PN 16	340	20	17	3	12	11,22	110,20
200	17172	PN 25	340	20	17	3	12	16,10	1187,95
250	4904	PN 10	400	22	19	3	12	17,00	153,35
250	4905	PN 16	400	22	19	3	12	17,00	160,85
300	46152	PN 10 - PN 16	455	24,5	20,5	4	16	24,60	212,35
300	32393	PN 25	455	24,5	20,5	4	16	33,00	1362,90
350	4907	PN 10	510	24,5	20,5	4	16	37,50	503,80
350	16923	PN 16	510	24,5	20,5	4	16	37,50	554,45
400	4908	PN 10	570	24,5	20,5	4	16	37,40	473,50
400	4916	PN 16	570	24,5	20,5	4	16	60,00	725,70
400	26726	PN 25	620	42	32	10	20	60,00	1593,20
450	4721	PN 10	620	42	32	10	20	69,00	800,95
450	23792	PN 16	620	42	32	10	20	70,00	894,65
500	4909	PN 10	675	44	34	10	20	88,00	1189,55
500	16379	PN 16	675	44	34	10	20	88,00	1731,10
600	4910	PN 10	785	48	38	10	20	134,00	1412,85
600	25676	PN 16	785	48	38	10	20	152,00	1696,35
700	18541	PN 10	900	53,5	43,5	10	24	185,00	2166,75
700	29241	PN 16	900	53,5	43,5	10	24	178,00	2560,25
800	22734	PN 10	/	/	/	/	/	218,00	2735,70



Loose flanges fitting

Reducing plate DN 40 to DN 150



DN	Ref.	Ref. of reducing plate	Tapping (in inches)	Working pressure	kg	Price€
40	4746	15/21	1/2"	PN 10 - PN 16	1,94	36,60
40	4747	20/27	3/4"	PN 10 - PN 16	1,92	36,60
40	4748	26/34	1"	PN 10 - PN 16	1,93	36,60
40	4749	33/42	1"1/4	PN 10 - PN 16	1,82	36,60
40	4750	40/49	1"1/2	PN 10 - PN 16	1,76	36,60
40	4751	50/60	2"	PN 10 - PN 16	1,72	36,60
40	4753	40,5/300 small boss	/	PN 10 - PN 16	1,87	35,45
40	4752	55/300 large boss	/	PN 10 - PN 16	1,71	35,45
40	4887	66/76	2"1/2	PN 10 - PN 16	1,63	36,60
50	4755	15/21	1/2"	PN 10 - PN 16	2,30	43,90
50	4756	20/27	3/4"	PN 10 - PN 16	2,38	43,90
50	4757	26/34	1"	PN 10 - PN 16	2,35	43,90
50	4758	33/42	1"1/4	PN 10 - PN 16	2,32	43,90
50	4759	40/49	1"1/2	PN 10 - PN 16	2,31	43,90
50	4760	50/60	2"	PN 10 - PN 16	2,19	43,90
50	4764	40,5/300 small boss	/	PN 10 - PN 16	2,37	43,90
50	4763	55/300 large boss	/	PN 10 - PN 16	2,18	43,90
50	4761	60/70	2"1/4	PN 10 - PN 16	2,30	43,90
50	4762	66/76	2"1/2	PN 10 - PN 16	2,30	43,90
60	4778	15/21	1/2"	PN 10 - PN 16	3,00	46,25
60	4779	20/27	3/4"	PN 10 - PN 16	2,90	46,25
60	4780	26/34	1"	PN 10 - PN 16	2,83	46,25
60	4781	33/42	1"1/4	PN 10 - PN 16	2,78	46,25
60	4782	40/49	1"1/2	PN 10 - PN 16	2,86	46,25
60	4783	50/60	2"	PN 10 - PN 16	2,76	46,25
60	4787	40,5/300 small boss	/	PN 10 - PN 16	2,84	44,55
60	4891	55/300 large boss	/	PN 10 - PN 16	2,68	44,55
60	4784	60/70	2"1/4	PN 10 - PN 16	3,00	46,25
60	4785	66/76	2"1/2	PN 10 - PN 16	3,00	46,25
60	4786	80/90	3"	PN 10 - PN 16	3,00	46,25
80	4798	15/21	1/2"	PN 10 - PN 16	5,00	55,35
80	4799	20/27	3/4"	PN 10 - PN 16	4,48	55,35
80	4800	26/34	1"	PN 10 - PN 16	3,50	55,35
80	4801	33/42	1"1/4	PN 10 - PN 16	3,88	55,35
80	4802	40/49	1"1/2	PN 10 - PN 16	3,46	55,35
80	4803	50/60	2"	PN 10 - PN 16	3,10	55,35
80	4809	40,5/300 small boss	/	PN 10 - PN 16	3,80	53,60
80	4808	55/300 large boss	/	PN 10 - PN 16	3,42	53,60
80	4804	60/70	2"1/4	PN 10 - PN 16	4,13	55,35
80	4805	66/76	2"1/2	PN 10 - PN 16	4,10	55,35
80	4806	80/90	3"	PN 10 - PN 16	3,78	55,35
80	4797	102/114	4"	PN 10 - PN 16	3,29	55,35
100	4811	15/21	1/2"	PN 10 - PN 16	4,00	63,75
100	4812	20/27	3/4"	PN 10 - PN 16	4,00	63,75
100	4813	26/34	1"	PN 10 - PN 16	4,00	63,75
100	4814	33/42	1"1/4	PN 10 - PN 16	4,10	63,75
100	4815	40/49	1"1/2	PN 10 - PN 16	4,03	63,75
100	4816	50/60	2"	PN 10 - PN 16	4,00	63,75
100	4822	40,5/300 small boss	/	PN 10 - PN 16	4,00	61,85
100	4821	55/300 large boss	/	PN 10 - PN 16	4,10	61,85
100	4817	60/70	2"1/4	PN 10 - PN 16	4,00	63,75
100	4818	66/76	2"1/2	PN 10 - PN 16	3,95	63,75
100	4819	80/90	3"	PN 10 - PN 16	3,65	63,75
100	4810	102/114	4"	PN 10 - PN 16	3,34	63,75
125	4824	15/21	1/2"	PN 10 - PN 16	5,74	76,90
125	4825	20/27	3/4"	PN 10 - PN 16	5,60	76,90
125	4826	26/34	1"	PN 10 - PN 16	5,30	76,90
125	4827	33/42	1"1/4	PN 10 - PN 16	5,46	76,90
125	4828	40/49	1"1/2	PN 10 - PN 16	5,46	76,90
125	4829	50/60	2"	PN 10 - PN 16	5,46	76,90
125	4835	40,5/300 small boss	/	PN 10 - PN 16	5,64	74,60
125	4834	55/300 large boss	/	PN 10 - PN 16	5,45	74,60
125	4830	60/70	2"1/4	PN 10 - PN 16	5,46	76,90
125	4831	66/76	2"1/2	PN 10 - PN 16	5,46	76,90
125	4832	80/90	3"	PN 10 - PN 16	5,46	76,90
125	4823	102/114	4"	PN 10 - PN 16	4,98	76,90
150	27080	15/21	1/2"	PN 10 - PN 16	6,80	93,45
150	4838	20/27	3/4"	PN 10 - PN 16	6,20	93,45
150	4839	26/34	1"	PN 10 - PN 16	6,20	93,45
150	4744	33/42	1"1/4	PN 10 - PN 16	6,20	93,45
150	4840	40/49	1"1/2	PN 10 - PN 16	6,20	93,45
150	4841	50/60	2"	PN 10 - PN 16	6,20	93,45
150	4846	40,5/300 small boss	/	PN 10 - PN 16	6,20	90,65
150	4845	55/300 large boss	/	PN 10 - PN 16	6,20	90,65
150	4842	60/70	2"1/4	PN 10 - PN 16	6,20	93,45
150	4837	66/76	2"1/2	PN 10 - PN 16	6,20	93,45
150	4843	80/90	3"	PN 10 - PN 16	11,00	93,45
150	4836	102/114	4"	PN 10 - PN 16	6,20	93,45



Loose flanges fitting

Reducing plate DN 200 to DN 600

DN	Ref.	Ref. of reducing plate	Tapping (in inches)	Working pressure	kg	Price €
200	4855	20/27	3/4"	PN 10	10,45	127,55
200	4856	26/34	1"	PN 10	10,45	127,55
200	4857	33/42	1"1/4	PN 10	10,20	127,55
200	4858	40/49	1"1/2	PN 10	10,45	127,55
200	4859	50/60	2"	PN 10	10,45	127,55
200	4864	40,5/300 small boss	/	PN 10	10,25	124,15
200	4863	55/300 large boss	/	PN 10	10,45	124,15
200	4860	60/70	2"1/4	PN 10	10,45	127,55
200	4861	66/76	2"1/2	PN 10	10,45	127,55
200	4862	80/90	3"	PN 10	10,45	127,55
200	4854	102/114	4"	PN 10	10,45	127,55
250	4867	20/27	3/4"	PN 10	26,00	186,55
250	4868	26/34	1"	PN 10	26,00	186,55
250	4869	33/42	1"1/4	PN 10	26,00	186,55
250	4870	40/49	1"1/2	PN 10	24,00	186,55
250	4871	50/60	2"	PN 10	26,00	186,55
250	4874	40,5/300 small boss	/	PN 10	16,16	181,25
250	4873	55/300 large boss	/	PN 10	26,00	181,25
250	4872	66/76	2"1/2	PN 10	26,00	186,55
250	4866	102/114	4"	PN 10	26,00	186,55
300	48283	15/21	1/2"	PN 10 - PN 16	23,40	244,60
300	48284	20/27	3/4"	PN 10 - PN 16	23,30	244,60
300	48285	26/34	1"	PN 10 - PN 16	23,30	244,60
300	48286	33/42	1"1/4	PN 10 - PN 16	23,20	244,60
300	48287	40/49	1"1/2	PN 10 - PN 16	23,20	244,60
300	47193	50/60	2"	PN 10 - PN 16	23,41	244,60
300	47191	40,5/300 small boss	/	PN 10 - PN 16	23,41	244,60
300	47192	55/300 large boss	/	PN 10 - PN 16	23,41	244,60
300	48288	60/70	2"1/4	PN 10 - PN 16	23,00	244,60
300	48289	66/76	2"1/2	PN 10 - PN 16	22,81	244,60
300	47194	102/114	4"	PN 10 - PN 16	23,41	244,60
350	17981	20/27	3/4"	PN 10	37,50	684,80
350	9976	26/34	1"	PN 10	37,50	684,80
350	22333	33/42	1"1/4	PN 10	37,50	684,80
350	16889	40/49	1"1/2	PN 10	37,50	684,80
350	4884	50/60	2"	PN 10	37,50	684,80
350	4886	40,5/300 small boss	/	PN 10	37,50	538,50
350	4885	55/300 large boss	/	PN 10	37,50	538,50
350	43804	60/70	2"1/4	PN 10	37,50	684,80
350	21483	102/114	4"	PN 10	37,50	684,80
400	15839	20/27	3/4"	PN 10	53,00	562,40
400	16109	26/34	1"	PN 10	53,00	562,40
400	17859	40/49	1"1/2	PN 10	53,00	562,40
400	16110	50/60	2"	PN 10	53,00	562,40
400	4889	40,5/300 small boss	/	PN 10	53,00	546,30
400	4888	55/300 large boss	/	PN 10	53,00	546,30
400	29451	60/70	2"1/4	PN 10	53,00	562,40
400	41390	80/90	3"	PN 10	37,40	562,40
400	23699	102/114	4"	PN 10	53,00	562,40
500	15838	20/27	3/4"	PN 10	80,00	1398,15
500	12111	26/34	1"	PN 10	80,00	1398,15
500	25667	33/42	1"1/4	PN 10	80,00	1398,15
500	18537	40/49	1"1/2	PN 10	80,00	1398,15
500	12112	50/60	2"	PN 10	80,00	1398,15
500	10814	40,5/300 small boss	/	PN 10	80,00	1357,75
500	16281	55/300 large boss	/	PN 10	80,00	1357,75
600	15837	20/27	3/4"	PN 10	126,00	2336,90
600	23487	26/34	1"	PN 10	126,00	2336,90
600	32322	40/49	1"1/2	PN 10	134,00	2336,90
600	24073	50/60	2"	PN 10	126,00	2336,90
600	23514	40,5/300 small boss	/	PN 10	126,00	1583,55
600	4890	55/300 large boss	/	PN 10	126,00	1583,55
600	26349	102/114	4"	PN 10	126,00	2336,90

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	43,65
80	80	9210	PN 10 - PN 16	3,22	50,15
100	100	9213	PN 10 - PN 16	3,85	63,10
125	125	9217	PN 10 - PN 16	5,62	93,45
150	150	9221	PN 10 - PN 16	7,48	116,75
200	200	9224	PN 10	10,38	223,10
250	250	9227	PN 10	12,07	275,50
300	300	9229	PN 10	14,93	328,95

Remark: without fasteners

Flange adaptors

390 for PVC pipes



DE	Flange DN	Ref.	Working pressure	kg	Price €
50	40/50	9202	PN 10 - PN 16	2,26	34,85
63	50/60/65	9206	PN 10 - PN 16	2,65	38,15
75	60/65	9207	PN 10 - PN 16	2,79	43,65
90	80	9211	PN 10 - PN 16	3,30	51,45
110	100	9214	PN 10 - PN 16	3,98	65,20
125	125	9218	PN 10 - PN 16	6,36	85,90
140	125	9219	PN 10 - PN 16	5,69	94,65
160	150	9222	PN 10 - PN 16	7,72	120,45
200	200	9225	PN 10	11,57	213,25
225	200	9226	PN 10	10,40	200,00
250	250	9228	PN 10	14,45	267,80

Remark: without fasteners

Flange adaptors

390 grip for PVC/PE pipes



FOR PVC AND PE PIPES - FROM OD 25 TO OD 200					
DE	Flange DN	Ref.	Working pressure	kg	Price €
25	20	5101	PN 10	0,53	20,30
32	25	5102	PN 10	0,60	23,80
40	40	5103	PN 10	1,23	37,15
50	40/50	9201	PN 10 - PN 16	2,29	39,85
63	50/60/65	9203	PN 10 - PN 16	2,69	44,30
75	60/65	9204	PN 10 - PN 16	2,95	62,95
90	80	9209	PN 10 - PN 16	3,50	62,70
110	100	9212	PN 10 - PN 16	4,21	83,10
125	125	9215	PN 10 - PN 16	6,56	100,15
140	125	9216	PN 10 - PN 16	5,89	109,60
160	150	9220	PN 10 - PN 16	8,30	156,90
200	200	9223	PN 10	12,53	248,35

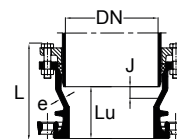
Remark: without fasteners except OD 25 and OD 32

Fittings for water networks

Very large tolerance flange adaptor

Mechanical joint fitting

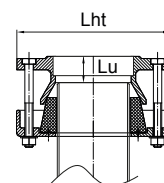
Flanged socket Maxi Fonte



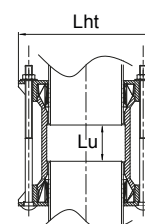
DN	Ref.	Range	L	LU	J	e	nr of bolts	kg	Price €
100	27866	115 - 126	200	85	15	8,5	3	10,30	240,60
125	29627	141 - 152	225	90	15	9	3	15,32	287,15
150	27867	167 - 178	225	90	15	9,5	3	18,97	366,40
200	27868	219 - 229	240	100	15	9,5	4	29,39	449,30

Very large tolerance flange adaptor

Flanged socket TLT - PN10 / PN16



DN	Ref.	Range	Flange DN	Lu	Lht	nr of bolts - Ø x Lg	kg	Price €
40/50	18687	47-60	40/50	30	155	2M12 x 120	3,10	79,70
50/65	18688	57-72	50/65	31	171	2M12 x 120	3,72	95,50
50/65	18689	68-85	50/65	18	184	2M12 x 160	4,73	118,50
80/100	18690	83-106	80/100	25	216	4M12 x 120	6,15	120,00
100/125	18691	103-124	100/125	29	231	4M12 x 120	6,92	131,95
100/125	18692	117-132	100/125	25	226	4M12 x 120	6,22	129,10
125/150	18693	120-135	125/150	25	261	4M12 x 120	8,29	162,90
125/150	18694	134-154	125/150	27	263	4M12 x 130	8,22	165,90
150	18695	153-179	150	30	296	4M12 x 130	9,34	165,90
150	18696	165-185	150	35	296	4M12 x 130	8,47	205,95
200	18697	184-208	200	36	331	4M12 x 130	11,82	205,95
200	18698	206-225	200	35	341	4M12 x 130	10,53	261,30
200	18699	218-234	200	37	336	4M12 x 130	9,70	261,30
200	18700	232-255	200	35	370	4M12 x 180	13,82	353,60
250	18701	242-262	250	58	391	6M12 x 160	15,55	353,60
250	18702	260-282	250	55	396	6M12 x 180	15,47	377,95
250	18703	279-306	250	30	429	6M12 x 160	22,21	389,40
300	18704	305-331	300	46	452	6M12 x 160	19,70	430,25
300	18705	315-338	300	50	452	6M12 x 160	18,22	467,40
300	18706	337-361	300	30	478	6M12 x 180	22,50	467,40
350	18707	360-386	350	48	506	8M12 x 160	24,09	617,85
400	18708	408-435	400	52	561	8M12 x 160	27,02	728,30



Very large tolerance flange adaptor

Coupling TLT - PN10 / PN 16

DN	Ref.	Range	Lu	Lht	nr of bolts - Ø x Lg	kg	Price €
40/50	18709	47-60	50	155	2M12 x 210	3,50	73,90
50/65	18710	57-72	52	171	2M12 x 210	4,08	95,50
50/65	18711	68-85	44	184	2M12 x 210	4,75	101,40
80/100	18712	83-106	37	216	4M12 x 220	7,77	116,25
100/125	18713	103-124	63	231	4M12 x 240	8,48	151,15
100/125	18714	117-132	58	226	4M12 x 230	7,46	125,90
125/150	18715	120-135	70	261	4M12 x 230	8,42	168,85
125/150	18716	134-154	58	263	4M12 x 240	9,62	168,85
150	18717	153-179	50	296	4M12 x 240	12,70	193,65
150	18718	165-185	60	296	4M12 x 230	11,46	190,70
200	18719	184-208	60	331	4M12 x 240	13,86	228,15
200	18720	206-225	65	341	4M12 x 230	13,01	297,95
200	18721	218-234	67	336	4M12 x 230	12,37	282,70
200	18722	232-255	60	370	4M12 x 240	15,14	291,25
250	18723	242-262	80	391	6M12 x 240	15,81	307,25
250	18724	260-282	70	396	6M12 x 240	18,17	327,40
250	18725	279-306	45	429	6M12 x 240	21,73	390,05
300	18726	305-331	46	452	6M12 x 240	23,18	456,50
300	18727	315-338	55	452	6M12 x 240	21,84	439,50
300	18728	337-361	55	478	6M12 x 250	23,63	445,75
350	18729	360-386	66	506	8M12 x 250	27,02	550,65
400	18730	408-435	60	561	8M12 x 250	32,19	651,00

According to
EN-12842



Ductile iron fittings for PVC pipes

All socket tee



OD	Ref.	Working pressure	kg	Price €
110	1499	PN 10 - PN 16	10,80	223,00
125	10707	PN 10 - PN 16	11,60	275,50
140	1500	PN 10 - PN 16	14,20	360,90
140 x 125	27041	PN 10 - PN 16	14,00	361,05
160	9694	PN 10 - PN 16	16,00	424,45
160 x 140	10708	PN 10 - PN 16	15,50	424,45
200	9704	PN 10 - PN 16	25,30	847,15

Ductile iron fittings for PVC pipes

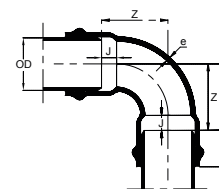
Double socket taper



OD	Ref.	Working pressure	kg	Price €
125/110	31624	PN 10 - PN 16	6,60	163,85
140/125	10652	PN 10 - PN 16	8,00	173,70
160/125	31625	PN 10 - PN 16	9,40	203,65
160/140	1549	PN 10 - PN 16	9,50	203,65
200/160	9541	PN 10 - PN 16	14,00	277,75

Ductile iron fittings for PVC pipes

90° double socket bend



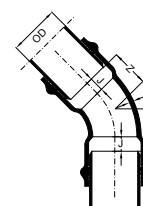
OD	Ref.	Working pressure	Z	J	e	kg	Price €
63	1452	PN 10 - PN 16	80	10	8,0	3,60	45,15
75	1453	PN 10 - PN 16	95	15	8,5	4,40	61,35
90	1454	PN 10 - PN 16	100	15	8,5	5,60	78,55
110	1455	PN 10 - PN 16	130	15	8,5	7,80	101,95
125	1456	PN 10 - PN 16	145	15	9,0	11,00	125,40
140	1457	PN 10 - PN 16	160	15	9,0	12,50	152,05
160	1458	PN 10 - PN 16	180	15	9,5	16,80	177,45
200	1459	PN 10 - PN 16	215	15	9,5	25,40	271,70
225	1460	PN 10 - PN 16	235	15	9,5	30,90	394,30
250	1451	PN 10 - PN 16	265	15	9,5	43,30	554,45
315	1450	PN 10 - PN 16	275	20	10,0	67,60	855,00

PVC range

Ductile iron fittings for PVC pipes

Ductile iron fittings for PVC pipes

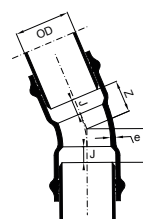
45° double socket bend



OD	Ref.	Working pressure	Z	J	e	kg	Price €
63	1461	PN 10 - PN 16	50	10	8,0	3,30	39,70
75	1462	PN 10 - PN 16	60	15	8,5	3,90	53,20
90	1463	PN 10 - PN 16	65	15	8,5	4,70	67,85
110	1464	PN 10 - PN 16	75	15	8,5	6,40	89,50
125	1465	PN 10 - PN 16	80	15	9,0	9,40	108,65
140	1466	PN 10 - PN 16	85	15	9,0	9,60	129,70
160	1467	PN 10 - PN 16	95	15	9,5	12,70	153,80
200	1468	PN 10 - PN 16	110	15	9,5	19,70	235,60
225	1469	PN 10 - PN 16	125	15	9,5	25,70	328,95
250	1470	PN 10 - PN 16	135	15	9,5	33,60	471,70
315	1471	PN 10 - PN 16	165	20	10,0	53,20	727,55

Ductile iron fittings for PVC pipes

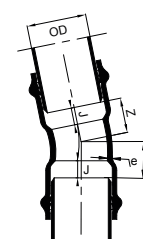
22°30 double socket bend



OD	Ref.	Working pressure	Z	J	e	kg	Price €
63	1472	PN 10 - PN 16	35	10	8,0	3,00	43,50
75	1473	PN 10 - PN 16	40	15	8,5	3,50	49,45
90	1474	PN 10 - PN 16	45	15	8,5	4,50	61,35
110	1475	PN 10 - PN 16	50	15	8,5	5,80	80,25
125	1476	PN 10 - PN 16	60	15	9,0	8,00	101,00
140	1477	PN 10 - PN 16	65	15	9,0	9,80	114,70
160	1478	PN 10 - PN 16	70	15	9,5	12,10	141,15
200	1482	PN 10 - PN 16	80	15	9,5	17,30	216,95
225	1479	PN 10 - PN 16	95	15	9,5	24,70	305,90
250	1480	PN 10 - PN 16	105	15	9,5	29,70	418,85
315	1481	PN 10 - PN 16	115	20	10,0	45,00	648,30

Ductile iron fittings for PVC pipes

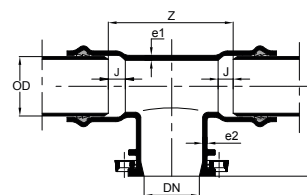
11°15 double socket bend



OD	Ref.	Working pressure	Z	J	e	kg	Price €
90	1484	PN 10 - PN 16	45	15	8,5	5,20	67,70
110	1485	PN 10 - PN 16	50	15	8,5	6,70	77,15
125	1486	PN 10 - PN 16	60	15	9,0	8,30	100,25
140	1487	PN 10 - PN 16	60	15	9,0	8,80	108,30
160	1488	PN 10 - PN 16	65	15	9,5	11,20	132,65
200	1489	PN 10 - PN 16	80	15	9,5	16,70	212,75
225	1490	PN 10 - PN 16	80	15	9,5	23,40	332,50
250	1491	PN 10 - PN 16	80	15	9,5	29,70	455,80
315	1483	PN 10 - PN 16	80	15	9,5	44,00	606,35

Ductile iron fittings for PVC pipes

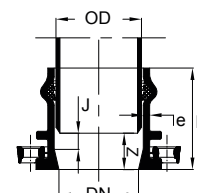
Double socket tee with loose flange branch



OD	Tubing	Ref.	Z	I	J	e1	e2	kg	Price €
63	40	1509	80	125	10	8,0	8,0	8,00	95,80
63	60	1510	95	125	10	8,0	8,0	8,10	95,80
75	40	1511	85	135	15	8,5	8,0	8,00	106,80
75	60	1512	105	135	15	8,5	8,0	8,40	106,80
90	40	1513	95	165	15	8,5	8,0	8,10	111,25
90	60	1514	115	165	15	8,5	8,0	9,50	128,40
90	80	1515	135	165	15	8,5	8,5	10,40	128,40
110	40	1516	100	175	15	8,5	8,0	9,80	134,70
110	60	1517	115	175	15	8,5	8,0	11,90	147,65
110	80	1518	135	175	15	8,5	8,5	12,20	147,65
110	100	1519	155	175	15	8,5	8,5	13,50	147,65
125	40	1520	115	175	15	9,0	8,0	11,60	156,80
125	60	1521	135	175	15	9,0	8,0	14,20	190,30
125	80	1522	155	175	15	9,0	8,5	14,30	190,30
125	100	1523	175	185	15	9,0	8,5	15,70	194,35
125	125	1524	200	185	15	9,0	9,0	17,70	194,35
140	40	1525	115	175	15	9,0	8,0	12,50	169,25
140	60	1526	135	195	15	9,0	8,0	13,90	187,70
140	80	1527	155	195	15	9,0	8,5	15,70	203,15
140	100	1528	175	205	15	9,0	8,5	16,90	212,75
140	125	1529	200	205	15	9,0	9,0	19,30	212,75
160	60	1530	125	210	15	9,1	7,9	18,40	217,60
160	80	1531	145	200	15	9,1	8,1	19,30	232,40
160	100	1532	165	210	15	9,1	8,4	19,80	253,70
160	125	1533	185	220	15	9,1	8,8	23,10	270,90
160	150	1534	215	220	15	9,1	9,1	27,00	270,90
200	60	1535	150	230	15	9,8	7,9	23,00	292,70
200	80	1536	170	225	15	9,8	8,1	27,30	312,00
200	100	1537	190	240	15	9,8	8,4	28,90	340,70
200	125	1538	215	235	15	9,8	8,8	31,60	403,80
200	150	1539	240	250	15	9,8	9,1	33,80	408,65
200	200	1540	290	260	15	9,8	9,8	40,00	469,95
225	60	1543	130	215	15	8,4	7,0	25,00	364,10
225	80	1541	145	225	15	8,4	7,0	26,50	386,10
225	100	1542	165	230	15	8,4	7,2	29,00	418,45
250	100	1505	180	255	15	9,0	7,2	36,00	527,15
250	200	1506	280	275	15	9,0	8,4	51,00	740,00
315	100	9727	180	300	15	9,6	7,2	50,30	727,55
315	150	1503	230	310	15	9,6	7,8	58,00	855,00

Ductile iron fittings for PVC pipes

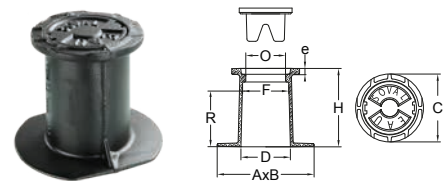
Flanged socket



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	64,85
75	60	1559	PN 10 - PN 16	150	65	15	8,5	5,80	68,40
90	80	1560	PN 10 - PN 16	165	70	15	8,5	6,50	71,90
110	100	1553	PN 10 - PN 16	125	35	15	8,5	7,50	87,95
125	125	1554	PN 10 - PN 16	145	40	15	9,0	9,50	109,60
140	125	1555	PN 10 - PN 16	195	90	15	9,0	11,00	115,50
160	150	1556	PN 10 - PN 16	205	85	15	9,5	13,90	144,50
200	200	1557	PN 10	185	50	15	9,5	18,30	211,30

Surface box

Ref. 137



Dimensions							
e	C	O	F	D	H	A x B	R
10	Ø140	82	95	102	160	200 x 170	125
10	140	82	95	102	160	200 x 170	125
10	140	82	95	102	160	200 x 170	125

Cast iron lid and body			
Description	Ref.	kg	Price €
Round	17186	5,10	33,00
Square	17187	5,10	33,00
Hex.	17188	5,20	33,00

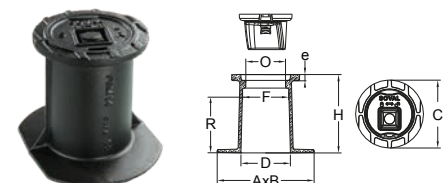
Cast iron body and polyamid lid			
Description	Ref.	kg	Price €
Round	24989	3,80	31,15
Square	24990	4,10	31,15
Hex.	24991	4,10	31,15

Surface box

Ref. 137 secured

Specifications:

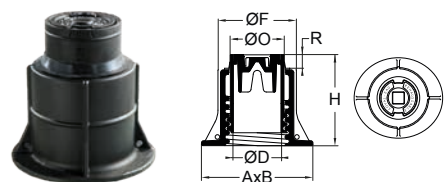
- 1/4-turn lock with coded imprint.
- cap adaptable to all existing SURFACE BOX 137.
- custom imprint of the lock.



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	79,55

Surface box

Ref. 118 adjustable height



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	116,90
Square	TP1	6904	110	145	95	200 x 220	30	150	255	10,33	116,90
Hex.	TP1	6902	110	145	95	200 x 220	30	150	255	10,33	116,90
Round	TP4	33350	110	145	95	200 x 220	30	150	255	10,36	116,90
Square	TP4	33351	110	145	95	200 x 220	30	150	255	10,33	116,90
Hex.	TP4	33352	110	145	95	200 x 220	30	150	255	10,33	116,90
Round	TP4 fire	32832	110	152	95	200 x 200	30	150	255	9,94	124,55



Lid TP1



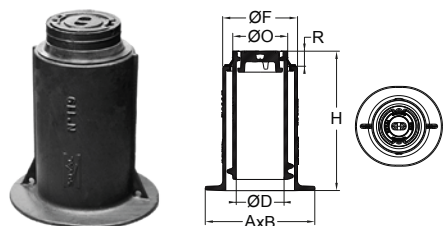
Lid TP4
lockable



Lid TP4
locked fire

Surface box

Ref. 119 adjustable height

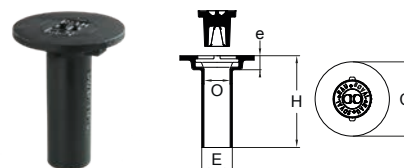


Description	Lid	Ref.	ØO	ØF	ØD	A x B	R	H min.	H max.	kg	Price €
Round	TP4	30860	110	150	95	220 x 240	30	280	464	14,00	180,75
Square	TP4	30861	110	150	95	220 x 240	30	280	464	14,00	180,75
Hex.	TP4	30862	110	150	95	220 x 240	30	280	464	14,00	180,75



Lid TP4
lockable

Surface box extension Ref. 131



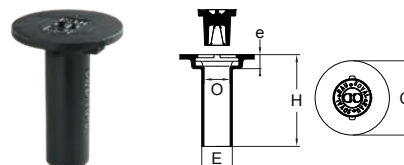
Dimensions				
C	O	H	e	
Ø170	65	207	32	
130	65	207	32	
150	65	207	32	

Ref 131 - ØE = 77mm				
Description	Ref.	E	kg	Price €
Round	6929	77	3,68	38,95
Square	6927	77	3,22	38,95
Hex.	6928	77	3,41	38,95

Ref 131 - ØE = 70mm				
Description	Ref.*	E	kg	Price €
Round	6930	70	3,60	38,95
Square	6926	70	3,30	38,95
Hex.	11186	70	3,56	38,95

* gasket on request

Surface box extension Ref. 133



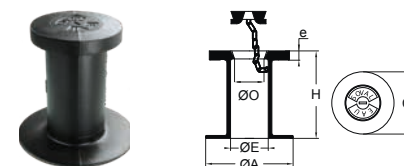
Dimensions				
C	O	E	H	e
Ø170	65	77	400	32
130	65	77	400	32
150	65	77	400	32

Ref. 133			
Description	Ref.*	kg	Price €
Round	6925	6,00	67,50
Square	6923	6,00	67,50
Hex.	6924	6,00	67,50

Ref. 133 without lock			
Description	Ref.	kg	Price €
Round	22710	6,80	67,50
Square	22708	6,80	67,50
Hex.	22709	6,80	67,50

* gasket on request

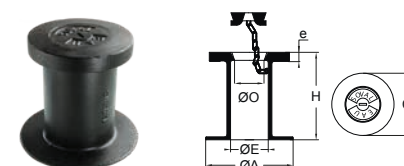
Surface box Ref. 120 lockable



Description	Ref.	C	ØA	ØE	H	ØA	e	kg	Price €
Round	6914	Ø170	82	103	240	240	25	9,54	78,15
Square	6887	132	82	103	240	240	25	8,74	78,15
Hex.	6896	168	82	103	240	240	25	8,94	78,15

Remark: equipped with chain

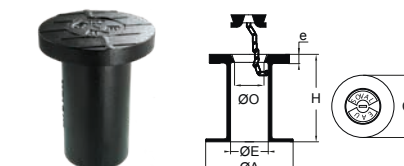
Surface box Ref. 120 BIS lockable



Description	Ref.	C	ØA	ØE	H	ØA	e	kg	Price €
Round	6910	Ø160	82	103	180	200	25	6,32	62,90
Square	6886	132	82	103	180	200	25	6,09	62,90
Hex.	6893	162	82	103	180	200	25	6,19	62,90

Remark: equipped with chain

Surface box Ref. 121 lockable without base



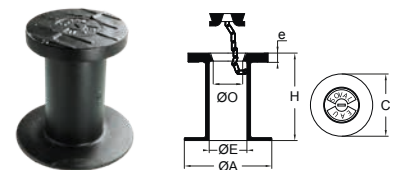
Description	Ref.	C	ØO	ØE	H	ØA	e	kg	Price €
Round	6913	Ø190	82	103	240	240	25	9,10	87,05
Hex.	6895	220	82	103	240	240	25	8,80	87,05

Remark: equipped with chain

Service connection

Surface box units

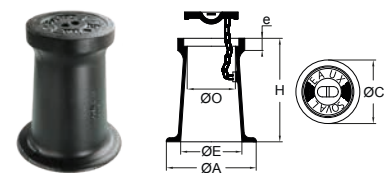
Surface box Ref. 121 lockable



Description	Ref.	C	ØO	ØE	H	ØA	e	kg	Price €
Round	6906	Ø190	82	103	240	240	25	11,61	87,05
Square	6885	180	82	103	240	240	25	12,19	87,05
Hex.	6894	220	82	103	240	240	25	11,69	87,05

Remark: equipped with chain

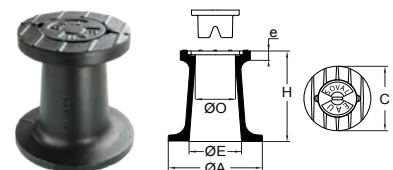
Surface box Ref. 124



Description	Ref.	ØC	ØO	ØE	H	ØA	e	kg	Price €
Round	6916	165	120	150	255	220	30	9,09	103,65

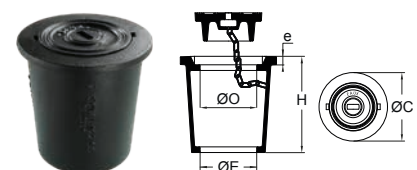
Remark: equipped with chain

Surface box Ref. 126



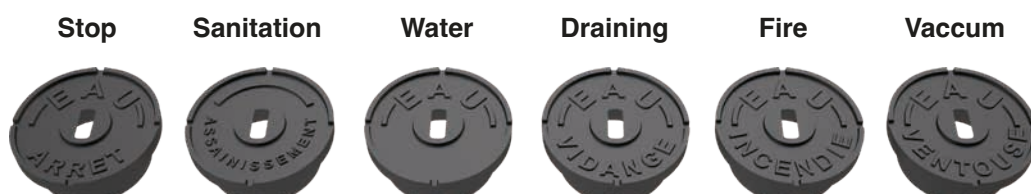
Description	Ref.	C	ØO	ØE	H	ØA	e	kg	Price €
Round	6905	Ø190	92	120	212	220	25	11,80	74,15
Hex.	6898	183	92	120	212	220	25	11,80	74,15

Surface box Ref. 127



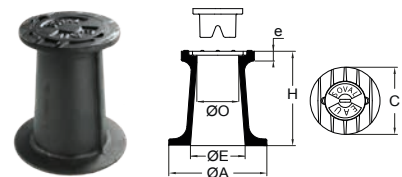
Description	Lid	Ref.	ØC	ØO	ØE	H	e	kg	Price €
Round	Stop	44544	170	100	100	170	10	6,00	70,70
Round	Sanitation	44549	170	100	100	170	10	6,00	70,70
Round	Water	44545	170	100	100	170	10	6,00	70,70
Round	Draining	44548	170	100	100	170	10	6,00	70,70
Round	Fire	44546	170	100	100	170	10	6,00	70,70
Round	Vacuum	44547	170	100	100	170	10	6,00	70,70

Remark: equipped with chain



Surface box

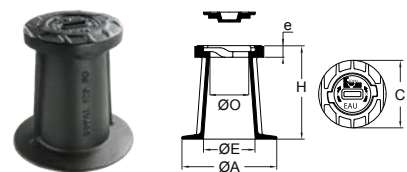
Ref. 128



Description	Ref.	C	ØO	ØE	H	ØA	e	kg	Price€
Round	6892	Ø160	92	120	215	200	10	5,96	37,35
Square	6890	140	92	120	215	200	10	5,96	37,35
Hex.	6891	152	92	120	215	200	10	5,96	37,35

Surface box

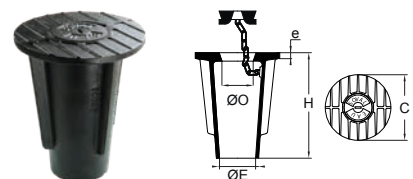
Ref. 129 lockable



Description	Ref.	C	ØO	ØE	H	ØA	e	kg	Price€
Round	6918	Ø160	92	120	215	220	20	7,70	57,90
Square	6880	140	92	120	215	220	20	7,54	57,90
Hex.	6882	152	92	120	215	220	20	7,64	57,90

Surface box

Ref. 130 lockable

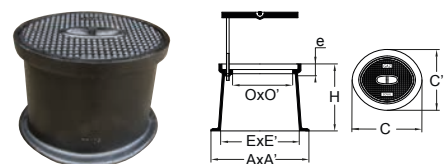


Description	Ref.	C	ØO	ØE	H	e	kg	Price€
Round	6919	Ø220	82	95	275	20	12,24	123,20
Square	6889	220	82	95	275	20	12,84	123,20
Hex.	6899	190	82	95	275	20	11,09	123,20

Remark: equipped with chain

Surface box

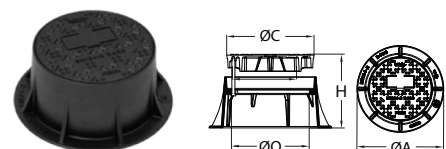
Ref. 140



Badging	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	482,10
GAZ	17557	267 x 370	275 x 220	363 x 261	448 x 353	300	37	29,20	482,55

Surface box

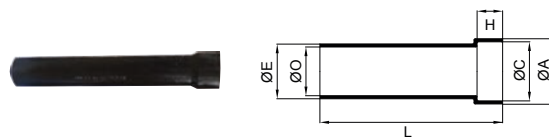
Ref. 480 D400



Badging	Ref.	ØC	ØO	ØA	H	kg	Price€
EU	45656	341	304	480	200	34,70	273,15
EP	45657	341	304	480	200	34,70	273,15
EAU	45655	341	304	480	200	34,70	355,30

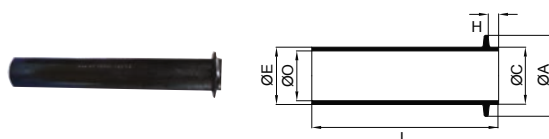
Remark: Locking system and other badging : consult us

Protection tube cast iron with socket end Ref. 135



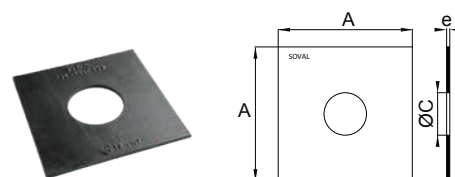
Type	Ref.	L	ØC	ØO	ØE	H	ØA	kg	Price €
135T	6831	150	95	80	90	30	107	1,65	19,45
135B	6830	300	95	80	90	40	107	3,20	27,45
135	6829	600	95	80	90	65	107	6,00	58,95

Protection tube cast iron with collar end Ref. 136



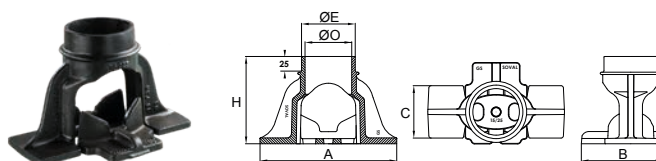
Type	Ref.	L	ØC	ØO	ØE	H	ØA	kg	Price €
136	6832	600	92	80	92	16	130	6,20	58,95
136B	6813	1000	92	80	92	16	130	12,70	110,65

Tabernacle square plate cast iron Ref. 132



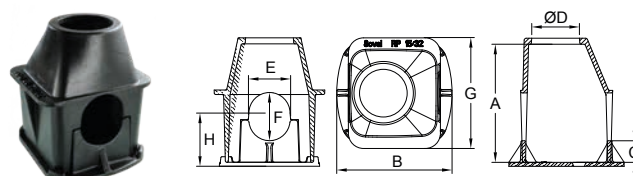
Ref.	A x A	ØC	e	kg	Price €
6774	250 x 250	95	6	2,35	26,15
6775	300 x 300	95	7	3,60	36,80
6776	345 x 345	95	7	5,40	63,75

Tabernacle 2 pieces cast iron RP 15/25



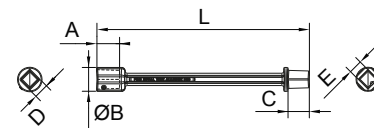
Ref.	ØE	ØO	H	A	B	C	kg	Price €
6732	90	81	150	235	140	90	3,18	56,90

Tabernacle cast iron RP 15/32



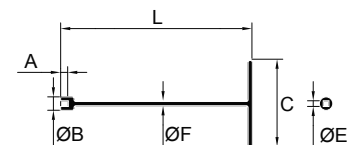
Ref.	A	B	C	ØD	E	F	G	H	kg	Price €
6733	248	220	40	95	82	95	220	105	12,38	143,75

Extension spindle



Ref.	Blocking screw	L	A	ØB	C	DxD	ExE	kg	Price €
6791	Slotted set with cone point ss A2	300	54	56	50	30 x 30	30 x 30	2,10	34,75
6792		500	54	56	50	30 x 30	30 x 30	3,00	37,00
6803	Hex. head 8.8	600	54	56	50	30 x 30	30 x 30	2,90	47,90
6805		1000	54	56	50	30 x 30	30 x 30	4,70	55,55
6808		1250	54	56	50	30 x 30	30 x 30	4,60	68,10
6796		1500	54	56	50	30 x 30	30 x 30	6,80	71,55
6789		2000	54	56	50	30 x 30	30 x 30	8,30	97,55
6785		3000	54	56	50	30 x 30	30 x 30	12,00	134,35

T key



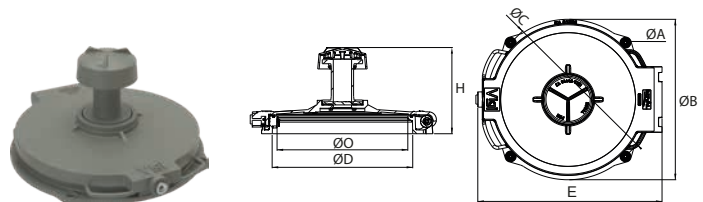
Ref.	L	A	ØB	C	ØE	ØF	kg	Price €
6703	1	40	60	450	30	22	3,70	74,20
6695	1,25	40	60	450	30	22	5,80	78,40
6704	1,5	40	60	450	30	22	5,90	81,30
6702	1,75	40	60	450	30	22	7,30	89,35
6705	2	40	60	450	30	22	7,10	94,15
6706	2,5	40	60	450	30	22	8,00	109,30
/	> 2,5	/	/	/	/	/	/	Consult us

Source protection

High security access cover VIGI

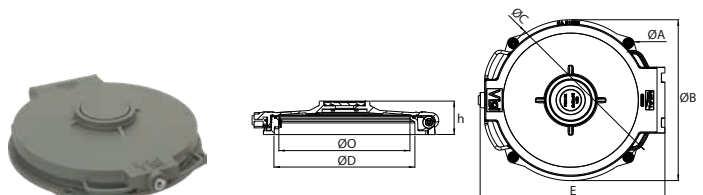


Access cover high security VIGI with chimney



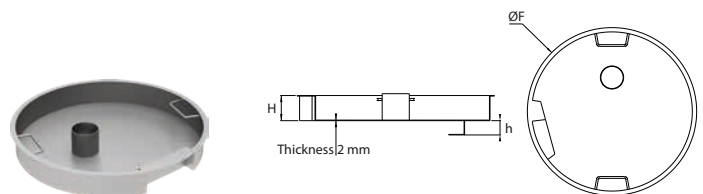
Diameter	Ref.	Locking system	ØO	ØD	ØC	ØB	ØA	E	H	kg	Price-€
600	37528	euro cylinder lock	608	663	745	750	18	867	459	114,30	3619,75
700	36754	euro cylinder lock	714	767	885	885	18	1006	475	174,00	8728,90

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	2749,50
700	36753	euro cylinder lock	714	767	885	885	18	1006	184	151,00	7303,55

Retention tank for access cover VIGI



Ref.	Diameter	ØF	H	h	kg	Price-€
33013	600	625	95	60	8,40	1995,30
33014	700	740	95	60	10,50	2230,15

Option upon request : intrusion detector sensor



Ref.	Price €
37529	1009,10

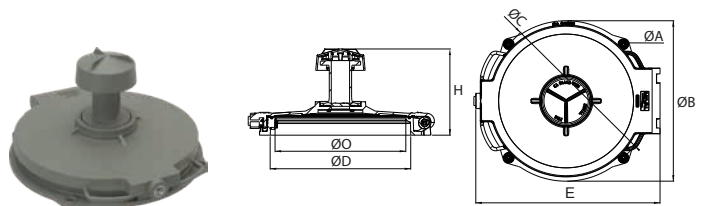
Option upon request : fixing kit



Ref.	kg	Price-€
37531*	1,00	256,15

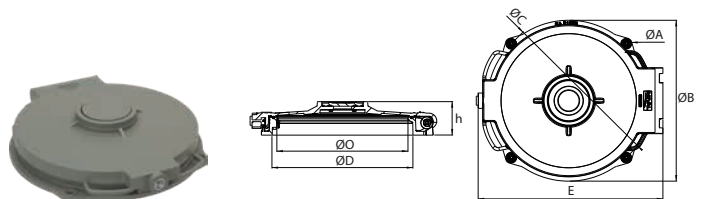
*4no self-locking nuts + 4no anchor bolts M16

Access cover regular with chimney



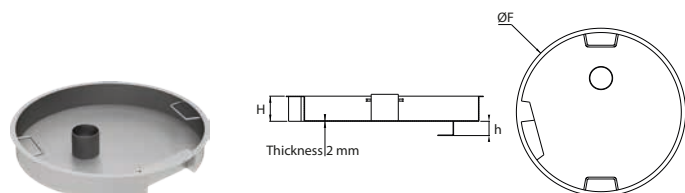
Diameter	Ref.	Locking system	ØO	ØD	ØC	ØB	ØA	E	H	kg	Price €
600	37526	triangular head	608	663	745	750	18	867	459	118,00	2577,70
600	40234	euro cylinder lock	608	663	745	750	18	867	459	118,00	3085,85
700	36780	triangular head	714	767	885	885	18	1006	475	168,69	4156,85
700	40235	euro cylinder lock	714	767	885	885	18	1006	475	168,69	4666,25

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	1841,45
600	40238	euro cylinder lock	608	663	745	750	18	867	459	96,26	2349,05
700	36781	triangular head	714	767	885	885	18	1006	475	144,61	3623,35
700	40239	euro cylinder lock	714	767	885	885	18	1006	475	144,61	4132,30

Retention tank for standard access cover



Ref.	Diameter	ØF	H	h	kg	Price €
33013	600	625	95	60	8,40	1995,30
33014	700	740	95	60	10,50	2230,15

Option upon request: High security lock



Ref.	Price €
37530	1606,60

Option upon request: Fixing kit



Ref.	kg	Price €
37531*	1,00	256,15

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

Key for access cover: with triangular imprint



Ref.	Price €
7877	35,60

Fall safety grid for VIGI & standard access cover

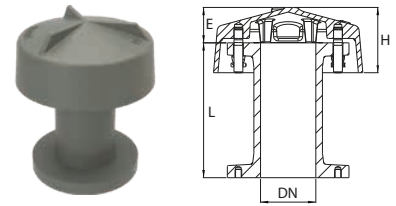


Ref.	Diameter	kg	Price €
41496	600	12,00	1811,30

Source protection

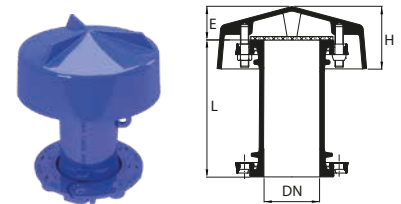
Access covers & suction strainer

Chimney for regular access cover



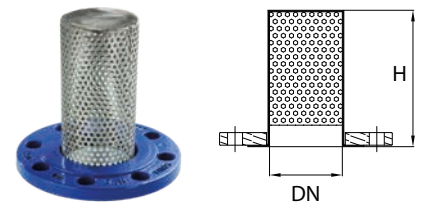
DN	Ref.	L	E	H	kg	Price €
100	38347	250	65	120	28,56	870,30
100	17082	500	65	120	32,50	529,55
100	38451	1000	65	120	41,26	707,50

Chimney for water tank



DN	Ref.	L	E	H	kg	Price €
100	4193	500	65	120	27,18	529,55
100	12058	1000	65	120	40,74	707,40
150	4200	250	125	155	42,80	647,50
150	4201	500	125	155	54,50	742,50
150	4202	1000	125	155	77,10	997,10

Flanged strainer



Dimensions		Flange alone			Stainless steel basket		
DN	H	Ref.	kg	Price €	Ref.	kg	Price €
40	105	4308	2,00	45,35	19848	0,20	179,30
60/65	135	4309	2,96	49,25	19850	0,30	193,00
80	165	4310	3,70	57,35	19852	0,40	227,70
100	195	4311	4,18	64,35	19853	0,50	229,90
125	225	4312	4,06	97,30	19854	0,60	284,65
150	265	4313	4,96	107,45	19855	0,80	375,65
200	335	4315	8,00	118,35	19791	1,30	475,30
250	380	4316	12,00	197,30	19856	1,30	600,40
300	430	4317	17,80	268,65	19857	2,30	744,95

Remark: other DN - consult us





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 ...).

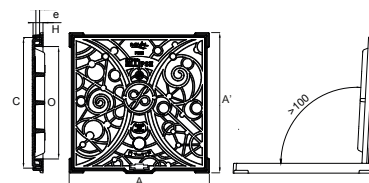
Municipal castings & access covers ELLIPSE...	p.42
Round manhole covers MAXUM	p.43
Round manhole covers KANTUM	p.46
Round manhole covers	p.47
Hydraulic access covers	p.48
Connection box	p.50
Gratings	p.52
Kerb gully unit	p.56
Gargoyles	p.57
Kerb gully covers	p.58
Cast iron plates	p.59
Heat networks (district heating)	p.60





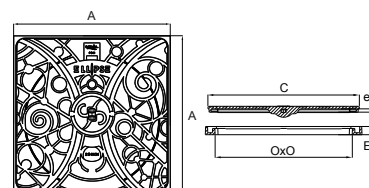


HYDR'O hydraulic access cover
ELLIPSE B125 & C250



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	142,40
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	C250	37745	water based black paint	400 x 400	500 x 500	465 x 465	35	11	23,15	251,80
Hydr'o 500	C250	37746	color paint	400 x 400	500 x 500	465 x 465	35	11	23,15	N.C

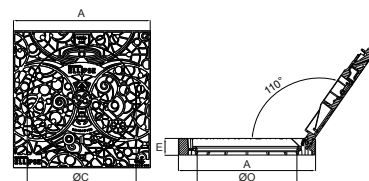
Hydraulic access cover 800
ELLIPSE 250 KN



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	740,75
30568	color paint	700 x 700	800 x 800	773 x 773	42	6	74,00	N.C



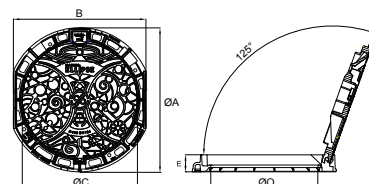
MAXUM 600 manhole cover
ELLIPSE exposed frame D400



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	1222,55
30424	color paint	safety	610	850 x 850	675	100	157,00	N.C



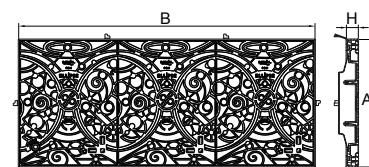
MAXUM 600 manhole cover
ELLIPSE D400



Frame	Ref.	Coating	Version	ØO	ØA	ØC	E	kg	Price €
round	37743	water based black paint	safety	610	Ø 850	675	100	97,00	735,85
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	857,55
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	91,30
	30569	color paint							415,85
L2T	37740	water based black paint		1269 x 427	507	1279	60	85,00	536,25
	30570	color paint							788,40
L3T	37741	water based black paint		1489 x 527	647	1499	60	122,00	778,30
	30571	color paint							1156,60
L4T	/	water based black paint		1876 x 527	647	1996	60	141,40	N.C
	35490	color paint							1561,50
1/2 L4T	37742	water based black paint		992 x 527	647	1002	60	76,20	571,80
	32349	color paint							823,95

"Naked" cast iron

A 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



TECHNICAL & COST IMPACT

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



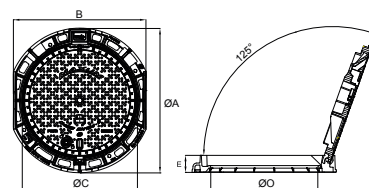
PRODUCT COMPLIANCE

Extract of european standard EN 124-2

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



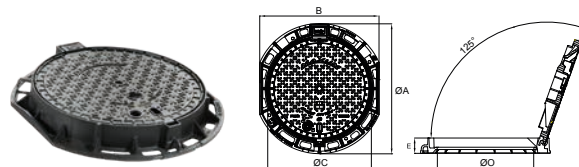
**MAXUM manhole cover
600 RAW D400**



Frame	Ref.	Version	ØO	ØA	B	ØC	E	kg	Price €
round	42237	Easy-Shut Raw	610	850	780	675	100	87,77	576,45
square	42238	Easy-Shut Raw	610	850 x 850	/	675	100	97,32	662,95



Manhole cover MAXUM 600 D400

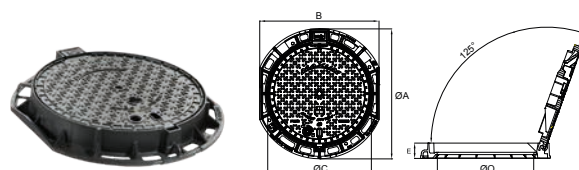


Frame	Ref.	Version	ØO	ØA	B	ØC	E	kg	Price €
round	18791	Easy-Shut	610	850	780	675	100	87,77	570,15
square	12132	Easy-Shut	610	850 x 850	/	675	100	97,32	720,55



Manhole cover MAXUM 600 E600

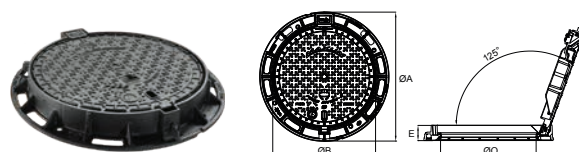
Remark: square frame - consult us



Frame	Ref.	Version	ØO	ØA	B	ØC	E	kg	Price €
round	25390	Easy-Shut	610	850	780	675	100	96,00	826,70



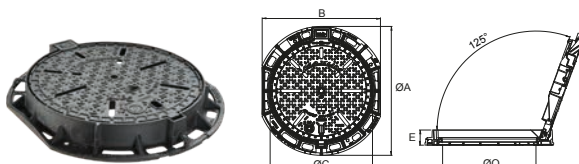
Manhole cover MAXUM 600 F900



Frame	Ref.	Version	ØO	ØA	ØB	E	kg	Price €
round	26849	Easy-Shut	610	850	675	100	120,60	1130,85
square	35186	Easy-Shut	610	850 x 850	675	100	124,67	1385,95



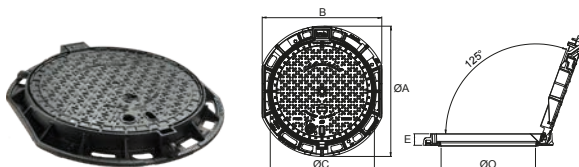
Manhole cover MAXUM 600 D400 vented



Frame	Ref.	Version	ØO	ØA	B	ØC	E	kg	Price €
round	19049	Easy-Shut	610	850	Ø 780	675	100	84,72	624,00
square	17191	Easy-Shut	610	850 x 850	/	675	100	94,27	720,55



Manhole cover MAXUM 600 D400 ht.75mm

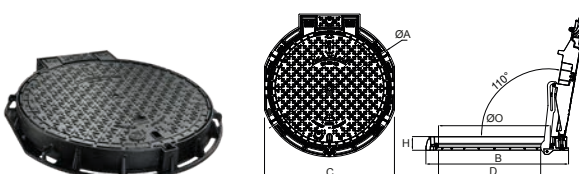


Frame	Ref.	Version	ØO	ØA	B	ØC	E	kg	Price €
round	23490	Easy-Shut	610	850	780	675	75	84,67	665,85



Manhole cover MAXUM 800 D400

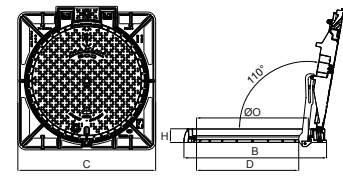
Remark: assist lift with gas struts (ref. 22570) - consult us



Frame	Ref.	Version	ØO	ØA	B	C	D	H	kg	Price €
round	22393	safety	817	1000	1040	950	762	100	120,10	1260,45
round	22395	SAE	817	1000	1040	950	762	100	122,48	1595,75



Manhole cover MAXUM 800 D400 square

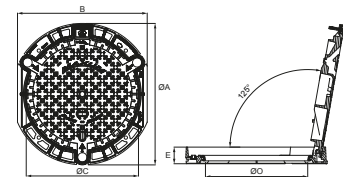


Frame	Ref.	Version	ØO	B	C	D	H	kg	Price €
square	25817	safety	817	1040	1000	762	100	134,30	1410,00
square	25818	SAE	817	1040	1000	762	100	136,68	1734,40

Remark: assist lift with gas struts (ref. 25993) - consult us



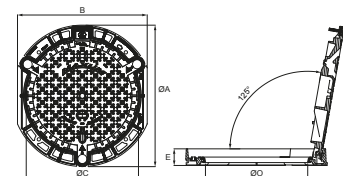
Manhole cover MAXUM D400 watertight



Frame	Ref.	Version	ØO	ØA	B	ØC	E	kg	Price €
round	25816	Easy-Shut	610	850	780	675	100	98,05	1046,60



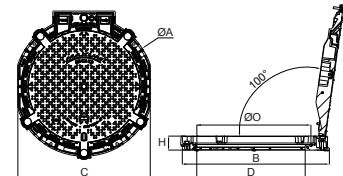
Manhole cover MAXUM E600 watertight



Frame	Ref.	Version	ØO	ØA	B	ØC	E	kg	Price €
round	25906	Easy-Shut	Ø 610	Ø 850	780	Ø 675	100	98,00	1248,95

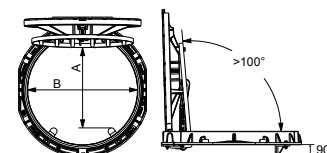


Manhole cover MAXUM 800 D400 watertight



Frame	Ref.	Version	ØO	ØA	B	C	D	H	kg	Price €
round	45564	Easy-Shut	817	1000	1065	950	774	100	136,00	1660,55
round	45565	Assist lift	817	1000	1065	950	774	100	136,00	2510,10

Fall safety grid for Maxum manhole cover



Description	Ref.	A	B	kg	Price €
Maxum 600	24834	504	617	9,30	956,05
Maxum 800	25607	597	817	13,50	1523,60

Remark: Fall safety equipment made of Stainless Steel 316L.

Accessory 1/4 turn lock



Ref.	Price €
11442	74,35

Accessory MAXUM gasket



Description	Ref.	Price €
Maxum 600	11999	38,95
Maxum 800	28612	71,10

Accessory security kit



Ref.	Price €
43363	260,80



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



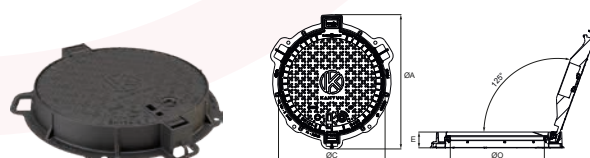
> **Self-locking** by means of cast Iron/EPDM compression (patented)



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



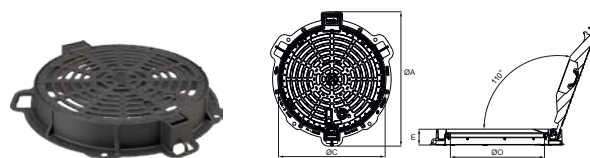
Manhole cover
KANTUM D400



Frame	Ref.	Version	ØO	ØA	ØC	H	kg	Price €
round	43362	Easy-Shut	600	850	640	100	54,00	513,60



Grating
KANTUM D400



Frame	Ref.	Version	ØO	ØA	ØC	H	kg	Price €
round	44011	Easy-Shut	600	850	640	100	55,34	466,90

Fall safety equipment



Accessory
1/4 turn lock



Accessory
KANTUM gasket



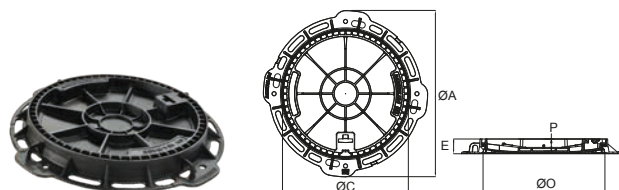
Ref.	kg	Price €
44012	10,77	1018,55

Ref.	kg	Price €
46155	0,50	74,35

Ref.	kg	Price €
44013	0,50	39,80

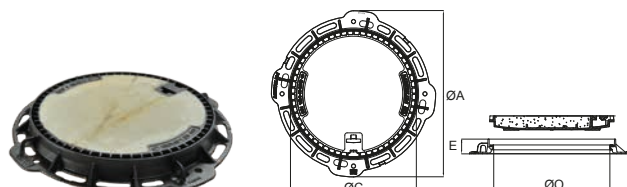
Remark: Fall safety equipment made of Stainless Steel

Manhole cover medium 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	359,30

Manhole cover medium traffic flow MEDIUM D400

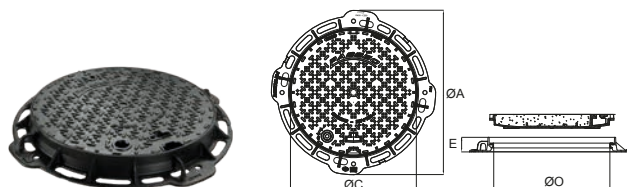


Frame	Ref.	ØO	ØA	ØC	E	kg	Price €
round	10053*	600	850	645	75	79,10	463,35

*equipped with anchoring devices



Pavement manhole cover PASSEO C250

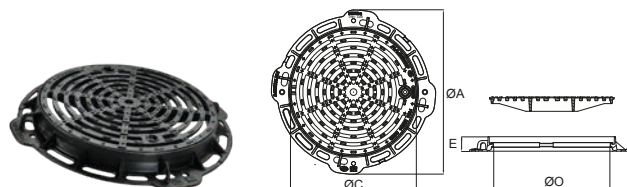


Frame	Ref.	ØO	ØA	ØC	E	kg	Price €
round	17917	600	850	645	75	51,50	428,35

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	431,90

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	67,00

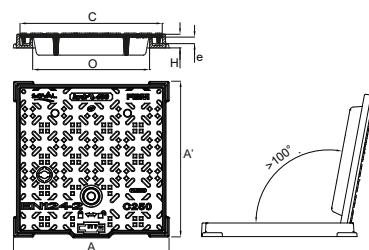
Sealing nail «ici commence la mer» Seagull pattern



Ref.	Diameter	kg	Price €
43184	140	1,00	67,00



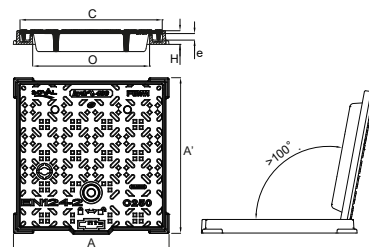
**Hydraulic access cover
HYDR'O B125**



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	80,45
Hydr'o 400	22384	without lock	305 x 305	400 x 400	365 x 365	35	11	15,10	112,35
Hydr'o 500	22385	without lock	400 x 400	500 x 500	465 x 465	35	11	22,80	187,15
Hydr'o 600	22386	without lock	500 x 500	600 x 600	565 x 565	41	8	32,70	294,20
Hydr'o 700	22387	without lock	600 x 600	700 x 700	665 x 665	41	9	42,20	417,65
Hydr'o 300	23441	with lock	230 x 230	330 x 330	295 x 295	35	9	11,05	159,10
Hydr'o 400	23442	with lock	305 x 305	400 x 400	365 x 365	35	11	15,61	191,45
Hydr'o 500	23443	with lock	400 x 400	500 x 500	465 x 465	35	11	22,51	266,90
Hydr'o 600	23444	with lock	500 x 500	600 x 600	565 x 565	41	8	33,21	374,40
Hydr'o 700	23445	with lock	600 x 600	700 x 700	665 x 665	41	9	42,71	497,75



**Hydraulic access cover
HYDR'O C250**

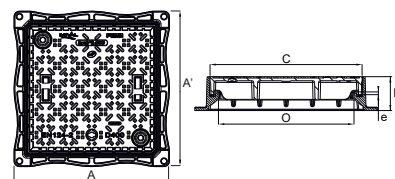


Description	Ref.	Version	O	A x A'	C	H	e	kg	Price €
Hydr'o 400	35524	without lock	305 x 305	400 x 415	365 x 365	35	11	18,50	133,60
Hydr'o 500	35525	without lock	400 x 400	500 x 515	465 x 465	35	11	21,60	236,20
Hydr'o 600	35526	without lock	500 x 500	600 x 615	565 x 565	41	8	46,50	405,80
Hydr'o 400	35527	with lock	305 x 305	400 x 415	365 x 365	35	11	18,51	237,85
Hydr'o 500	35528	with lock	400 x 400	500 x 515	465 x 465	35	11	22,27	340,55
Hydr'o 600	35529	with lock	500 x 500	600 x 615	565 x 565	41	8	46,50	510,65
Hydr'o 400	46433	Captive lid*	305 x 305	400 x 415	365 x 365	35	11	18,51	187,05
Hydr'o 500	46434	Captive lid*	400 x 400	500 x 515	465 x 465	35	11	22,27	272,65
Hydr'o 600	46368	Captive lid*	500 x 500	600 x 615	565 x 565	41	8	46,50	474,10

*Captive cover: Anti-theft cover



**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	276,90
Hydr'o 500	43806	without lock	400	540 x 540	450	100	8	41,10	364,20
Hydr'o 600	43808	without lock	500	640 x 640	550	100	8	53,90	524,65
Hydr'o 700	43810	without lock	600	740 x 740	650	100	8	69,20	715,55
Hydr'o 400	44936	with lock	305	440 x 440	350	100	8	28,50	331,70
Hydr'o 500	43807	with lock	400	540 x 540	450	100	8	41,10	421,85
Hydr'o 600	43809	with lock	500	640 x 640	550	100	8	53,90	582,25
Hydr'o 700	43811	with lock	600	740 x 740	650	100	8	69,20	773,20



**Network identification
EPDM colored dots**

Dots	Ref.	kg	Price €
Eu & EP	36513	0.14	14,85
AEP	36514	0.07	9,55



**Locking kit
1/4 turn**

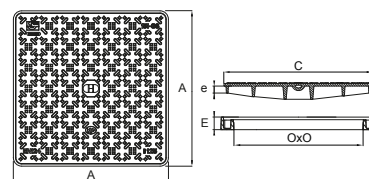
Ref.	Price €
35978	95,95



Option: Locking system, Consult us

Hydraulic access cover

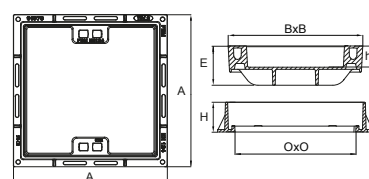
Ref.151 B125



Ref.	O x O	A	C	E	e	kg	Price €
7680	190 x 190	250 x 250	230 x 230	30	10	6,76	53,80
7685	700 x 700	800 x 800	773 x 773	42	6	63,85	534,25

Recessed infill hydraulic access cover

Ref.401 400 KN slow traffic flow



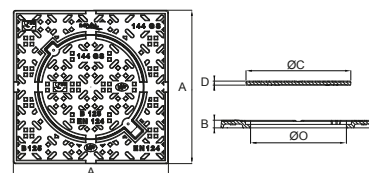
Version	Ref.	O x O	A x A	B x B	E	H	h	kg	Price €
350 x 350	32911	300 x 300	400 x 400	345 x 345	140	112	80	35,30	331,50
500 x 500	32912	450 x 450	580 x 580	500 x 500	150	112	80	54,50	396,25
650 x 650	32913	600 x 600	740 x 740	650 x 650	160	112	80	81,00	695,00



Option: Locking system, Consult us

Pavement manhole cover

Ref.144 B125



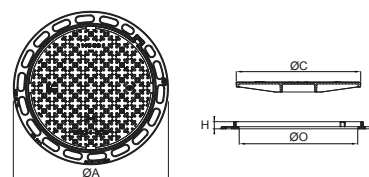
Ref.	ØO	A x A	B	ØC	D	kg	Price €
7727	150	250 x 250	17	174	10	4,20	41,25
7715	175	300 x 300	17	200	12	6,30	44,55
7716	245	400 x 400	19,5	271	10,5	11,10	83,55
7717	350	500 x 500	30	375	19,5	19,60	144,20
7767	425	600 x 600	28	446	21	25,00	191,70
7718	500	700 x 700	36	523	26	43,90	362,40
7719	610	800 x 800	35,5	640	26	50,90	503,10



Option: Locking system, Consult us

Pavement manhole cover

Ref.145 B125



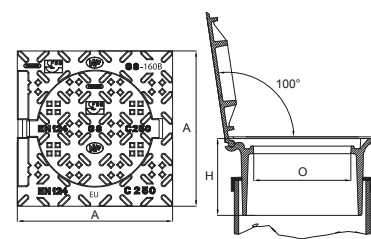
Ref.	ØO	ØA	ØC	H	kg	Price €
7728	610	800	635	37	43,20	393,10

Municipal casting

Connection boxes



Connection box for PVC pipes 250mm Ref.159 C250



Description	Ref.	O	A x A	H	kg	Price €
Ref.159	15341	Ø 180	300 x 300	125	13,72	145,75

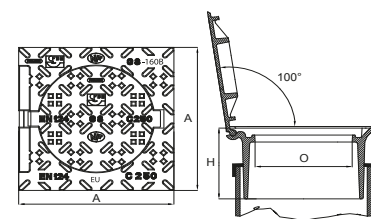
Remarks: - with gasket and hinged lid PVC 250
- fitting : PVC 250 + gasket
- with single seal



Option: Locking system, Consult us



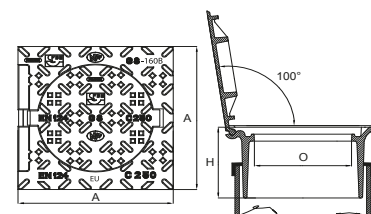
Connection box for PVC pipes 315mm Ref.160 bis C250



Description	Ref.	O	A x A	H	kg	Price €
Ref.160 BIS	15342	Ø 230	360 x 360	155	20,43	159,90

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

Connection box for PVC pipes 315mm Ref.160 bis 400 KN - slow traffic flow

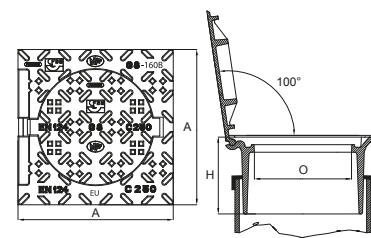


Description	Ref.	O	A x A	H	kg	Price €
Ref.160 BIS	26641	Ø 230	360 x 360	155	20,43	264,45

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



Connection box for PVC pipes 315mm without single seal Ref.160 bis SGH C250



Description	Ref.	O	A x A	H	kg	Price €
Ref.160 BIS SGH	35457	Ø 230	360 x 360	178	17,13	159,90

Remarks: - with gasket and hinged lid PVC 315
- fitting : PVC 315 + gasket
- without single seal



Option: Locking system & watertightness

Locking kit for access cover Ref.160



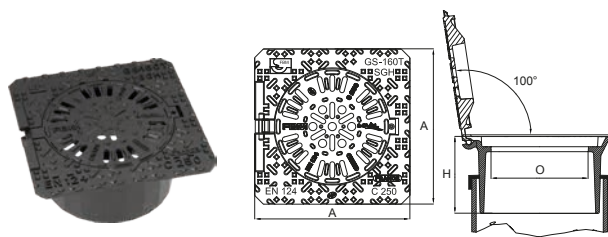
Description	Ref.	kg	Price €
Locking kit with watertightness gasket	35848	0,04	58,00
Locking kit	35870	0,03	31,40

Municipal casting

Connection boxes



Connection grating for PVC pipes 315mm Grating Ref.160 ter C250

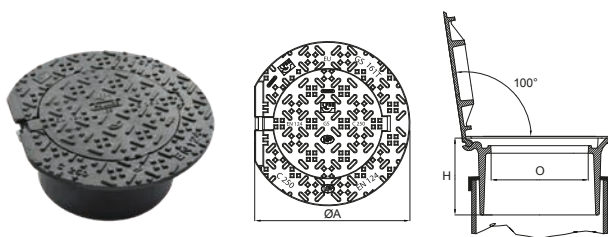


Description	Ref.	Absorption surface	O	A x A	H	kg	Price €
Ref.160 TER	28864	1,2 dm²	Ø 225	360 x 360	178	24,23	253,95
Ref.160 TER with lock	28568	1,2 dm²	Ø 225	360 x 360	178	24,23	264,85

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



Connection box for PVC pipes 315mm Ref.161 ter C250

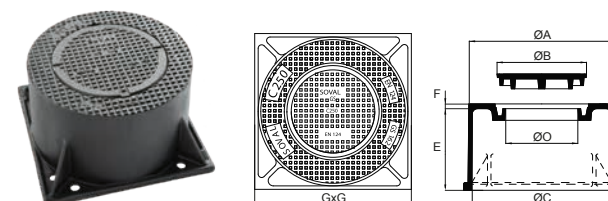


Description	Ref.	O	ØA	H	kg	Price €
Ref.161 TER	15347	Ø 230	400	155	24,63	159,90

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



Connection box for PVC pipes 315mm Ref.162 ter C250

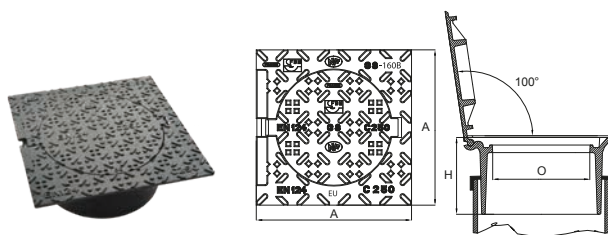


Description	Ref.	ØO	ØA	ØB	ØC	E	F	G x G	kg	Price €
ref.162	7903	180	336	235	320	185	15	360	26,95	205,00

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



Connection box for PVC pipes 400mm Ref.163 C250



Description	Ref.	O	A x A	H	kg	Price €
Ref.163	15350	Ø 285	460 x 460	168	31,41	313,35

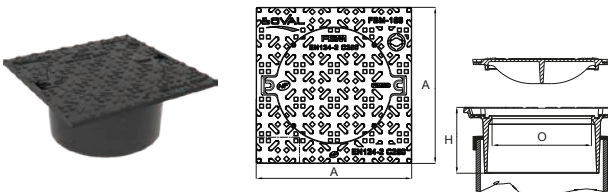
Remarks: - with gasket and hinged lid PVC 400
- fitting : PVC 400 + gasket
- with single seal



Option: Locking system, Consult us



Connection box for PVC pipes 315mm Ref.166 C250



Description	Ref.	O	A x A	H	kg	Price €
Ref.166	36984	Ø 230	360 x 360	150	16,33	171,00
Ref.166 with lock	36986	Ø 230	360 x 360	150	16,33	239,70

Remarks: - with gasket and lid PVC 315
- fitting : PVC 315 + gasket
- with single seal



Option: watertightness, consult us

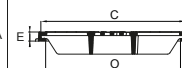
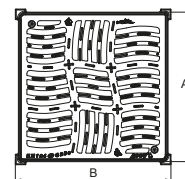
Municipal casting

Gratings



Option: Locking system, Consult us

Flat grating ACCY'O C250

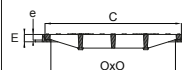
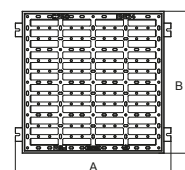


Ref.	O x O	A x A	B x B	C x C	E	Absorption surface	kg	Price €
27179	250 x 250	300 x 300	320 x 320	282 x 282	30	3,35 dm ²	8,80	102,55
26941	350 x 350	400 x 400	420 x 420	382 x 382	30	5,9 dm ²	15,65	156,35
26942	450 x 450	500 x 500	520 x 520	482 x 482	30	9,6 dm ²	24,70	234,20
28458	550 x 550	600 x 600	620 x 620	582 x 582	30	13,2 dm ²	35,86	368,45
28702	650 x 650	700 x 700	720 x 720	681 x 681	30	15 dm ²	56,10	462,95



Option: Locking system, Consult us

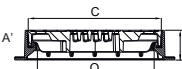
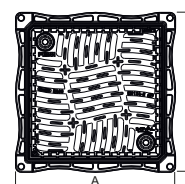
Flat grating Ref.700 C250



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	51,75
7784	215 x 215	265 x 265	250 x 250	38	27	2,7 dm ²	10,70	64,70



Flat grating ACCY'O D400

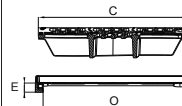
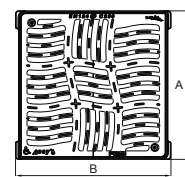


Description	Ref.	Version	O	A x A'	C	H	Absorption surface	kg	Price €
Accy'o 400	44933	without lock	305	440 x 440	350	100	3,6 dm ²	27,90	258,10
Accy'o 500	43812	without lock	400	540 x 540	450	100	7,2 dm ²	42,98	372,70
Accy'o 600	43813	without lock	500	640 x 640	550	100	11,6 dm ²	55,88	537,40
Accy'o 700	43814	without lock	600	740 x 740	650	100	15,1 dm ²	74,28	745,25
Accy'o 400	44934	with lock	305	440 x 440	350	100	3,6 dm ²	27,90	312,90
Accy'o 500	43815	with lock	400	540 x 540	450	100	7,2 dm ²	42,98	430,40
Accy'o 600	43816	with lock	500	640 x 640	550	100	11,6 dm ²	55,90	595,00
Accy'o 700	43817	with lock	600	740 x 740	650	100	15,1 dm ²	74,30	802,85



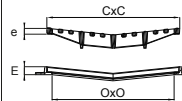
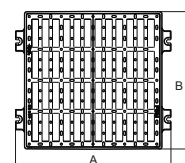
Option: Locking system, Consult us

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	148,45
28613	450 x 450	581 x 520	520	500 x 500	30	9,4 dm ²	26,00	221,75
28704	550 x 550	681 x 620	620	600 x 600	30	13,2 dm ²	36,55	367,35

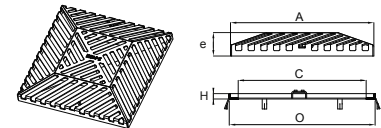
Concave grating slow traffic flow Ref.701 400 KN



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	213,25
29023	450 x 450	580 x 520	500 x 500	38	27	7,5 dm ²	35,20	310,90
30119	550 x 550	680 x 620	600 x 600	36	26	18,6 dm ²	41,20	478,35



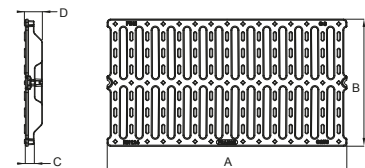
Grating KEOPS C250



Ref.	Material	O	A	C	H	h	Absorption surface	kg	Price €
15785	Cast iron	380	400	470	96	38	8,0 dm ²	17,80	1035,30
15786	Steel	470	500	570	120	40	13,0 dm ²	31,00	1389,40
46934	Steel	510	600	680	120	30	19,0 dm ²	24,00	1590,55
15784	Steel	714	810	814	130	30	34,0 dm ²	83,00	1951,20



Flat grating Ref.709 C250



Ref.	A	B	H	h	Absorption surface	kg	Price €
19382	750	200	44	27	5,6 dm ²	10,70	80,20
25886	750	300	45	27	6,2 dm ²	19,40	138,55
23111	750	400	53	27	8,9 dm ²	32,00	209,15

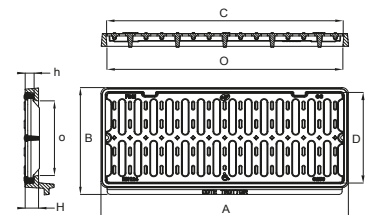


Chaining for flat grating Ref.709

Ref.	Price €
17189	11,75



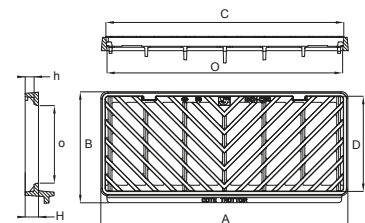
Flat grating with cast iron frame Ref.709 C250



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	251,25



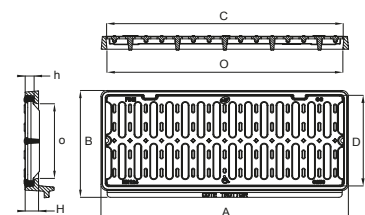
Flat grating with cast iron frame Ref.703 C250



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	276,25



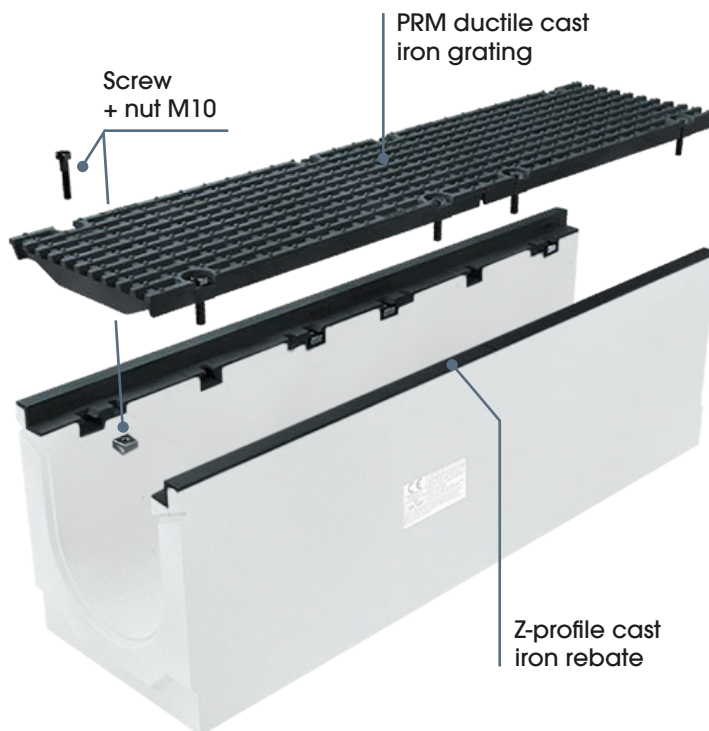
Flat grating with cast iron frame Ref.709 400 KN



Ref.	O x o	A	B	C	D	H	h	Absorption surface	kg	Price €
31472	744 x 244	774	347	750	300	40	27	9,7 dm ²	35,70	251,25

BIG 47

IG 47 is a ductile cast iron channel grating designed to meet the requirements of heavy traffic areas. Combining mechanical strength with high hydraulic capacity, it ensures efficient stormwater drainage while delivering safety and long-term durability, including in urban and industrial environments.



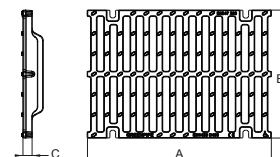
Industrial areas



Road infrastructure & logistics hubs



Major infrastructure



Drainage channel gratings BIG47 D400 - E600 - F900

Ref.	Class	A	B	C	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

Example: 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

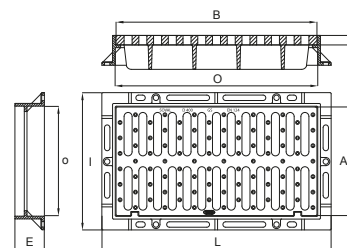
Fixing kit for grating BIG47



Ref.	Price €
40303	N.C



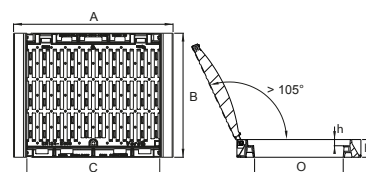
Flat grating Ref.706 D400



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	639,10
Grating alone	10135	/	/	/	750	400	/	35	10,0 dm ²	24,65	345,50



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

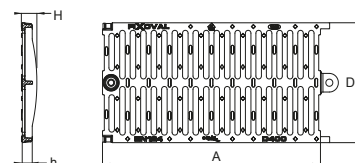


Ref.	Version	O	A	B	C	H	h	Absorption surface	kg	Price €
26239	2 T section frame	500	750	575	/	100	/	17,5 dm ²	88,70	752,00
33272	with cast iron frame	500	900	750	700	100	35	17,5 dm ²	105,20	1494,70

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



Flat grating FIXOVAL Ref.705 D400 & E600



Version	Ref.	A	B	H	h	Absorption surface	kg	Price €
D400	24030	750	400	50	34	12,5 dm ²	33,00	232,60
D400	24031	750	500	60	34	16,4 dm ²	43,00	295,40
E600	9609	750	300	60	34	9,5 dm ²	25,00	154,65



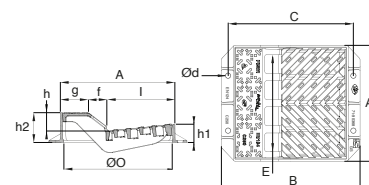
Accessory for FIXOVAL Locking kit

Ref.	Price €
22965	16,40





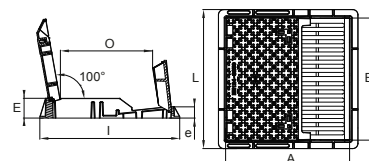
Kerb gully unit A and T profile with grating Ref.702 C250



Description	Ref.	A x A	O	B	C	d	E	f	g	h	h1	h2	I	Absorption surface	kg	Price €
A profile	7779	500 x 500	Ø 475	605	545	Ø 22	424	80	120	80	80	130	300	8,8 dm ²	52,25	441,65
T profile	7780	500 x 500	Ø 475	605	550	Ø 22	422	30	170	140	77	187	300	10,7 dm ²	52,00	449,50



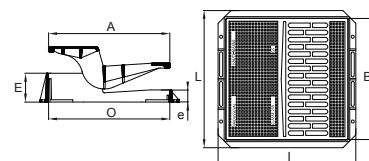
Kerb gully unit A profile with grating Ref.102 C250



Description	Ref.	O	A x B	L	I	E	e	Absorption surface	kg	Price €
A profile	11048	600	800 x 805	920	900	130	74	17,0 dm ²	143,00	1324,55



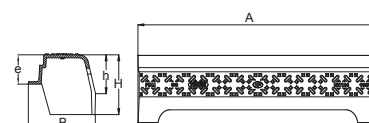
Kerb gully unit T profile with grating Ref.100 bis C250



Description	Ref.	O x O	A x B	L	I	E	e	Absorption surface	kg	Price €
T profile	17545	800 x 800	800 x 800	906	926	190	80	22,0 dm ²	156,00	1262,65

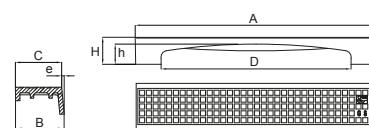


Kerb gully unit Ref.298 C250



Description	Ref.	A	B	H	h	e	Absorption surface	kg	Price €
A profile	16914	800	225	120	78	78	3,4 dm ²	17,60	185,65
T profile	16915	800	225	200	130	98	5,7 dm ²	25,00	240,50

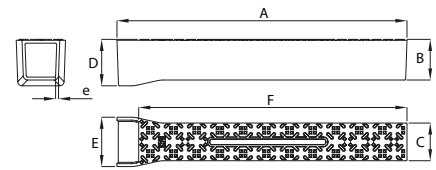
Kerb gully unit Ref.309, 310, 314 - 250 KN



Description	Ref.	A	B	C	D	e	H	h	Absorption surface	kg	Price €
Ref.309	7776	1060	180	180	740	20	160	100	9,2 dm ²	39,00	686,05
Ref.310	10142	1440	275	275	1130	20	160	120	14,0 dm ²	114,00	956,95
Ref.314	7777	1300	200	200	1200	20	220	125	12,0 dm ²	64,00	791,60

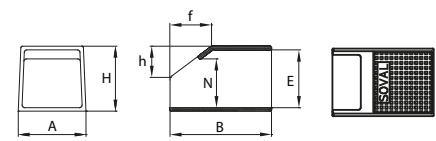


Gargoyle PRM for Pavement Length 1000



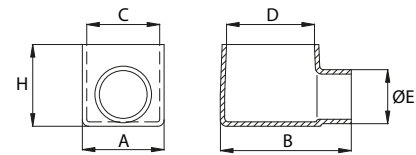
Ref.	A	B	C	D	E	F	e	kg	Price €
23714	1000	100	130	120	170	925	10	29,50	604,15
23715	1000	140	130	160	170	925	10	35,00	781,35

Gargoyle - head connectors Ref.297 et Ref.290 - A&T profile



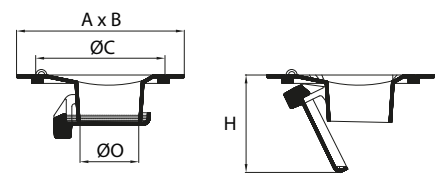
Description	Ref.	A	B	H	f	N	E	h	kg	Absorption surface	Price €
290 T profile	7882	138	215	130	30	102	110	/	5,95	1 dm ²	72,45
290 A profile	7881	130	195	125	80	90	110	60	4,06	1,1 dm ²	66,05
297	7883	138	215	130	30	102	95	/	7,50	1,1 dm ²	113,60

Gargoyle - shoe to head connector Ref.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	66,05

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	581,95



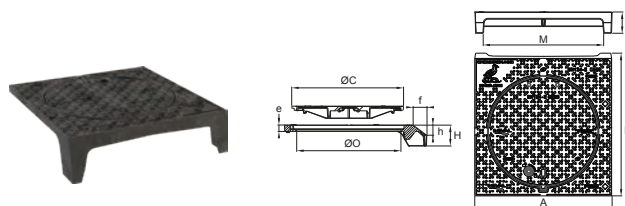
Municipal casting

Kerb gully cover



Kerb gully cover

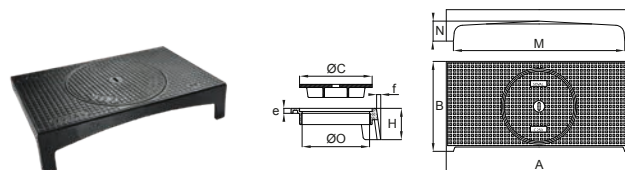
Ref.296 C250



Type	Ref.	ØO	A x B	M	N	H	h	e	ØC	f	Absorption surface	kg	Price €
A profile	7802	609	795 x 830	700	80	120	60	37	640	80	4,7 dm²	68,40	522,80
T profile	7803	609	795 x 830	700	150	200	140	37	640	30	5,6 dm²	74,70	522,80

Kerb gully cover

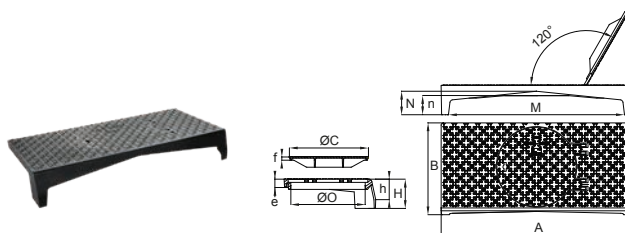
Ref.249, 288 - 250 KN



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 dm²	104,95	1213,65
7799	510	1300 x 630	1200	140	220	35	547	30	14,5 dm²	162,00	1770,80

Kerb gully cover

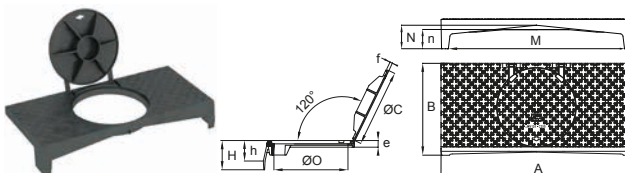
Ref.286 - 250 KN



Type	Ref.	ØO	A x B	M	N	n	H	h	e	ØC	f	Absorption surface	kg	Price €
T profile	20203	508	1300 x 625	1200	160	130	200	140	58	544	20	15,3 dm²	131,70	1961,40

Kerb gully cover

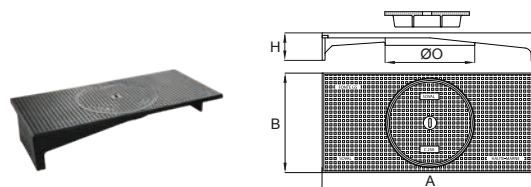
Ref.287 - 250 KN



Type	Ref.	ØO	A x B	M	N	n	H	h	e	ØC	f	Absorption surface	kg	Price €
T profile	10143	508	1300 x 625	1200	160	130	200	140	58	544	20	15,3 dm²	121,00	2066,00

Kerb gully covers

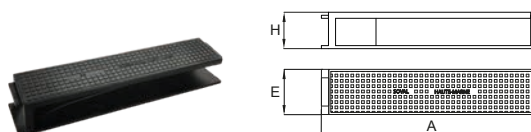
Ref.289, 289 bis, 289 ter - 250 KN



Type	Ref.	ØO	A	B	H	Absorption surface	kg	Price €
Ref.289	7804	510	1300	600	180	17,0 dm²	145,95	2050,70
Ref.289 Bis	7800	510	1300	600	180	15,0 dm²	157,95	2050,70
Ref.289 Ter	7801	510	1300	600	180	15,0 dm²	149,95	2050,70

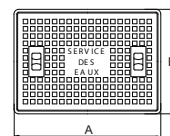
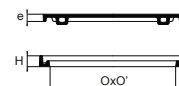
Kerb gully unit

Ref.315 right, 315 left - 250 KN



Type	Ref.	A	E	H	Absorption surface	kg	Price €
Ref.315 Right	7805	1035	216	180	13,0 dm²	66,0	905,70
Ref.315 Left	7806	1035	216	180	13,0 dm²	66,0	905,70

Hydraulic cast iron plate Ref.253 - 125 KN



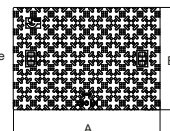
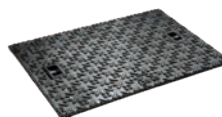
Ref.	O x O'	A	B	H	e	kg	Price €
7675	450 x 300	520	370	39	26	22,40	159,50
7679	400 x 250	510	360	60	12	30,95	248,75

Cast iron plate Ref.254 - 125 KN



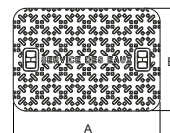
Ref.	O x O'	A	B	H	e	kg	Price €
7674	625 x 375	650	400	34	13	32,50	241,60

Cast iron plate Ref.256 - 125 & 250 KN



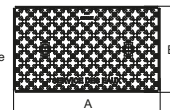
Version	Ref.	A	B	H	e	P	kg	Price €
125 kN	7707	660	460	45	18	30	20,50	166,45
250 kN	7708	660	460	70	18	30	29,35	220,20

Cast iron plate for water meter shelter Ref.257 - 125 KN



Ref.	A	B	H	kg	Price €
6932	500	350	40,0	17,10	122,85

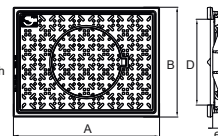
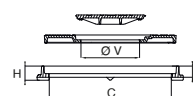
Cast iron plate Ref.261 - 125 & 250 KN



Version	Ref.	O x O	A	B	H	e	kg	Price €
125 kN	29094	776 x 426	845	495	67	50	55,50	504,45
250 kN	29095	776 x 426	845	495	67	50	55,50	546,15
250 kN	32174*	776 x 426	845	495	67	50	55,22	565,50

* stainless steel frame

Access cover with opening 250 KN

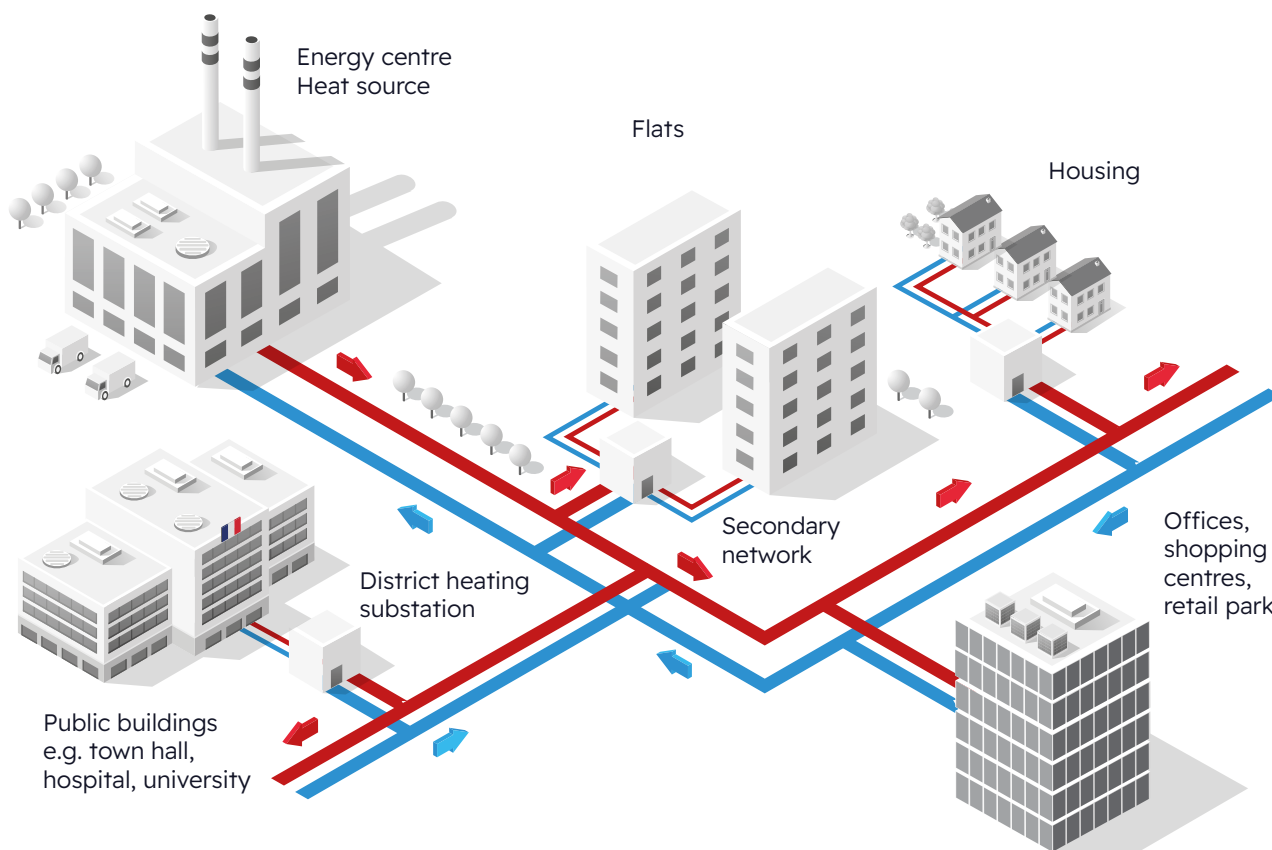


Version	Ref.	ØV	A x B	C x D	H	h	e	kg	Price €
cast iron frame	29173	240	600 x 450	500 x 350	58	46	31	35,80	320,95
cast iron frame	29174	240	800 x 500	700 x 400	58	46	31	50,30	368,60
stainless steel frame	29176	240	800 x 500	700 x 400	66	36	31	41,50	543,60

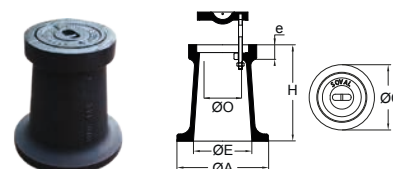
What is a district heating network?

Heat networks (district heating) supply heat generated in a centralized location to consumers through a system of underground insulated pipes, carrying chilled or hot water or steam.

Soval offers a range of cast iron parts specifically designed for use in municipal heating networks. They guarantee optimum durability and resistance.

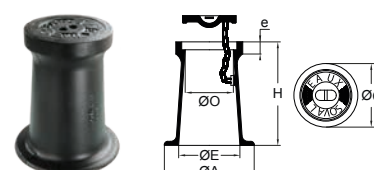


Surface box Ref. 122 RCU



Description	Ref.	ØC	ØO	ØE	H	ØA	e	kg	Price€
Round	34091	210	104	180	300	280	20	7,70	210,75

Surface box Ref. 124 RCU

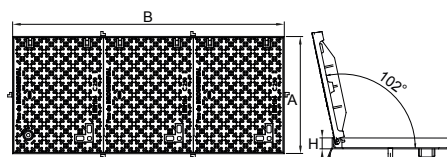


Description	Ref.	ØC	ØO	ØE	H	ØA	e	kg	Price€
Round	43375	165	120	150	255	220	30	9,09	103,65

Remark: equipped with chain



Hinged access cover LTA RCU C250

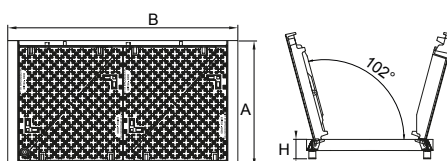
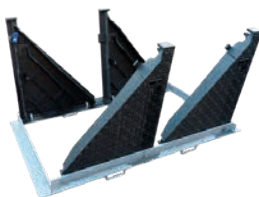


Description	Ref.	Lay-out	OL	A	B	H	kg	Price €
L1TA R-CU	40334		527 x 389	509	647	60	40,00	N.C
L2TA R-CU	39538		1161 x 389	509	1281	60	78,00	N.C

* Without locking system



Hinged access cover KCA RCU D400

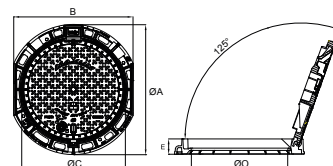


Description	Ref.	Lay-out	OL	A	B	H	kg	Price €
K1CA R-CU	39539		750 x 750	910	910	140	130,00	N.C
K2CA R-CU	42669		750 x 1500	910	1660	140	240,00	2511,05

* Without locking system



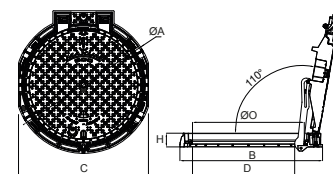
Manhole cover MAXUM 600 RCU D400



Description	Ref.	Version	ØO	ØA	B	ØC	E	kg	Price €
round	42273	Easy-Shut	610	850	780	675	100	87,77	570,15



Manhole cover MAXUM 800 RCU D400



Description	Ref.	Version	ØO	ØA	B	C	D	H	kg	Price €
round	39238	Easy-Shut	817	1000	1040	950	762	100	120,10	1235,70



Network identification dots EPDM RCU

Dots	Ref.	kg	Price €
RCU	44380	0.07	9,55



SEWERAGE

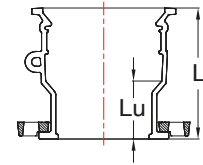
Sewage, sanitation, waste water, rainwater ... a whole range of products for water drainage.

Fittings & gaskets.....	p.64
Nozzle check valve	p.66



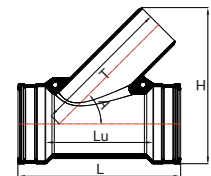


SOUPLESSUR-T
Flanged socket without gasket



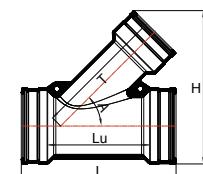
DN	Ref.	Range	L	Lu	kg	Price€
100	28500	115 - 119	203	90	8,20	141,60
125	31132	141 - 145	219	100	11,60	196,90
150	28501	167 - 171	226	100	13,60	276,15
200	28502	219 - 223	225	100	19,20	408,05

SOUPLESSUR-T
Fitting EEU without gasket



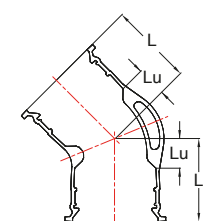
DN	Tubing	Description	Ref.	Range	L	Lu	T	H	A	kg	Price€
200	150	EEU	36867	219 - 223	545	361	470	522	45	34,10	655,40

SOUPLESSUR-T
Fitting EEE without gasket



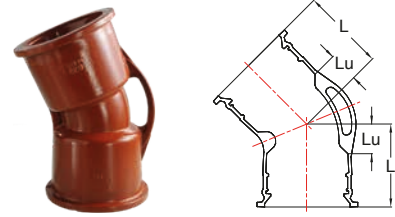
DN	Tubing	Description	Ref.	Range	L	Lu	T	H	A	kg	Price€
200	150	EEE	36868	219 - 223	545	361	470	540	45	36,20	655,40

SOUPLESSUR-T
45° double socket bend without gasket



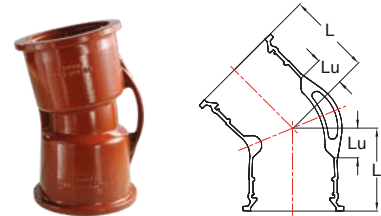
DN	Ref.	Range	L	Lu	kg	Price€
100	28497	115 - 119	168	55	10,50	276,60
125	31129	141 - 145	184	65	14,50	348,35
150	28498	167 - 171	196	70	15,80	387,60
200	28499	219 - 223	200	75	24,00	682,20

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



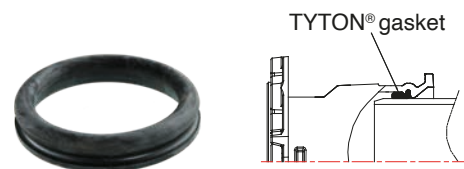
DN	Ref.	Range	L	Lu	kg	Price€
100	28505	115 - 119	153	40	9,60	263,05
125	31130	141 - 145	174	55	14,00	291,70
150	28504	167 - 171	174	50	16,00	372,25
200	28507	219 - 223	180	55	21,80	672,25

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



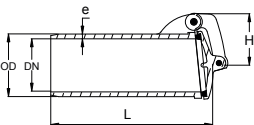
DN	Ref.	Range	L	Lu	kg	Price€
100	28506	115 - 119	148	35	9,30	262,70
125	31131	141 - 145	159	40	13,00	274,45
150	28503	167 - 171	169	45	15,40	361,45
200	28508	219 - 223	170	45	21,10	673,65

SOUPLESSUR-T
TYTON NBR gasket



DN	Ref.	Range	kg	Price€
100	19837	115 - 119	0,16	67,20
125	30779	141 - 145	0,19	80,15
150	19842	167 - 171	0,20	97,10
200	20703	219 - 223	0,37	107,60

Nozzle check valve
Ref.37 BIS



DN	OD	Ref.	L	H	e	kg	Price€
60	77	4482	205	60	8,5	2,92	204,95
80	98	4503	265	80	9,0	5,50	239,25
100	118	4499	285	95	9,0	7,50	303,65



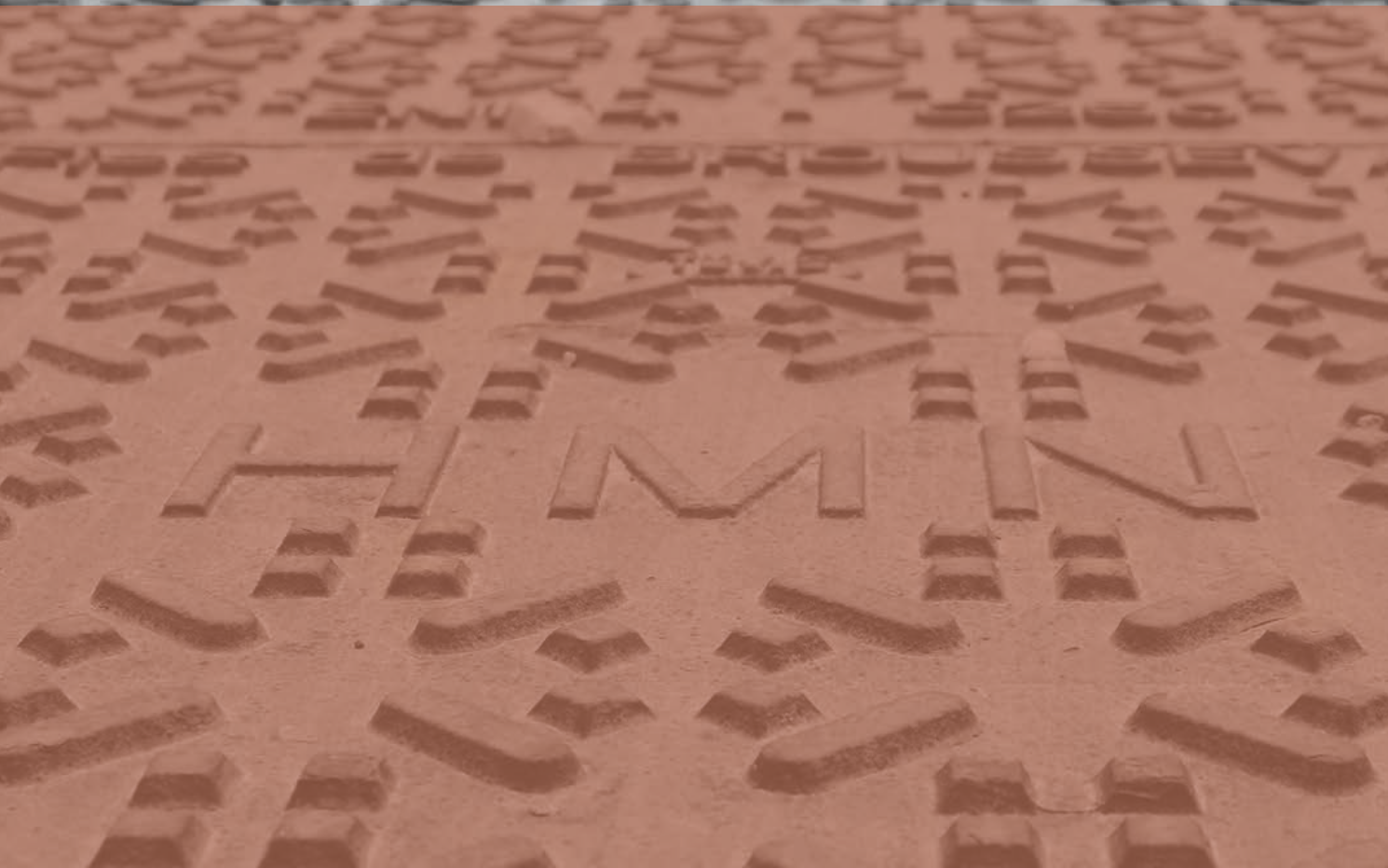


ACCESS COVER SOLUTIONS

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

Airport runway lighting support AERO	p.70
Multi-network access covers ARES	p.71
Locking systems	p.72
Standard access covers	p.73
Secured access covers	p.75
Recessed infill access covers	p.76
Hinged access covers.....	p.78
Fall safety equipment	p.80
TITAN 1000 access cover.....	p.82
TITAN 1200 access cover.....	p.84
Multi-leaf access covers	p.86
Accessories	p.88





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.



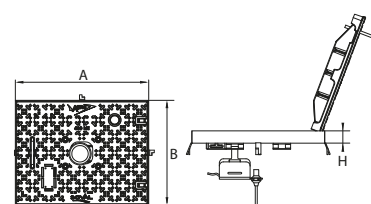
EASIER TO HANDLE, MAINTAIN AND TRACK

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

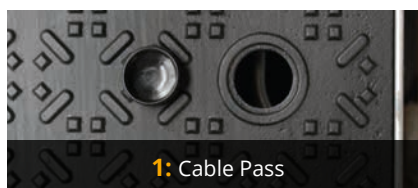


Airport runway lighting support

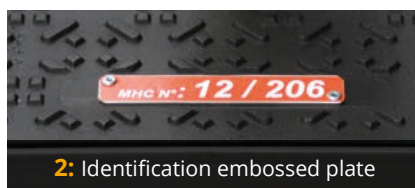
AERO 400 KN



Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
L1T AERO	30824		527 x 389	509	647	60	54,46	945,15
L2T AERO	36666		1161 x 389	509	1281	60	105,26	1326,80



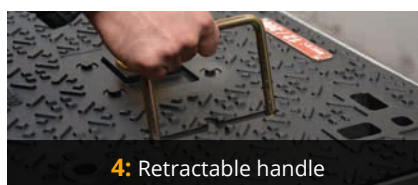
1: Cable Pass



2: Identification embossed plate



3: Transformer basket



4: Retractable handle



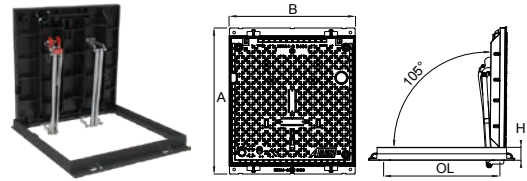
5: Runway lighting adjustment (X,Y)



6: EPDM shock absorbers



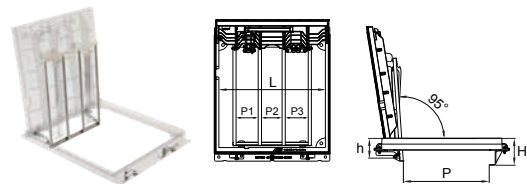
Multi-network access cover ARES 900 D400 & E600



Class	Ref.	Lay-out	OL (clear opening)	A	B	H	kg	Price €
D400	38154		900 x 900	1130	980	102	224,00	5270,95
E600	38155		900 x 900	1130	980	102	224,00	5971,45

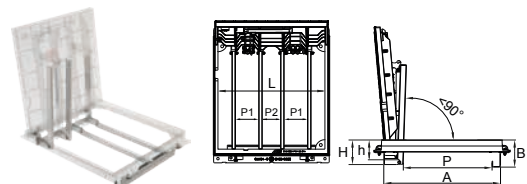
Remark: cast iron frame

Fall safety equipment for ARES 900 solidary bars



Ref.	P x L	P1	P2	P3	H	h	kg	Price €
40867	900 x 716	187	174	194	226	144	10,58	N.C

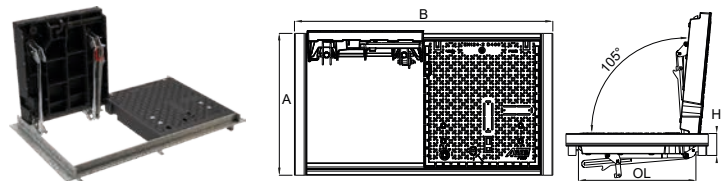
Fall safety equipment for ARES 900 independent bars



Ref.	P x L	P1	P2	A	B	H	h	kg	Price €
41352	900 x 737	196	154	968	226	205	129	18,76	1784,35



Multi-network access cover ARES 750 D400



Description	Ref.	Lay-out	OL (clear opening)	A	B	H	kg	Price €
ARES-1	40836		750 x 750	912	912	140	180,00	3889,45
ARES-2	40840		750 x 1500	912	1661	140	341,00	7003,05

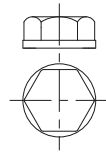
Remark: steel hot-dip galvanized frame



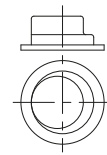
These locking systems are equipped as standard with H22 hex heads.

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

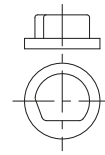
Hex. Head



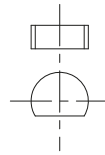
EXC Head



OTC Head

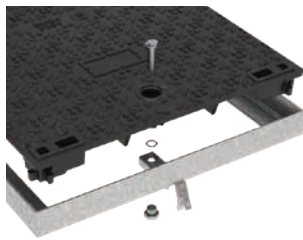


MPE Head



SCREW NUT SYSTEM

- Screw and captive nut on the frame.



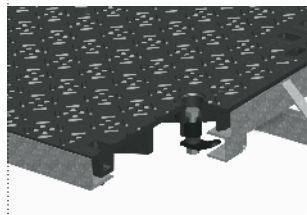
H head



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 € : 76,95



Hex.
Head key

Ref.	Price €
12181	40,10



EXC
Head key

Ref.	Price €
8075	70,45



Cap

Ref.	Price €
8109	0,50

SAE BURGLAR-PROOF DEVICE

Patented N° FR 2 919 001

Outside:

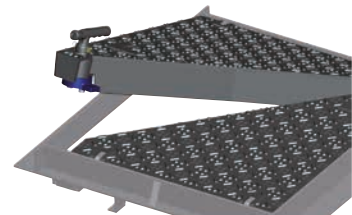
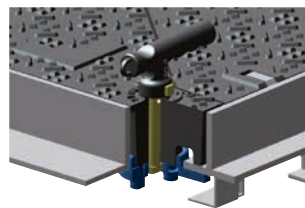
- Resistance to opening 20 min (certified CNPP France).
- No possible access to the lock when lids are closed.

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).



Handling and operating key
SAE burglar-proof device

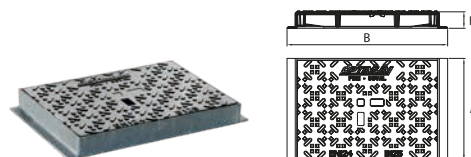
Ref.	Price €
21710	96,50

Access covers

Standard access covers



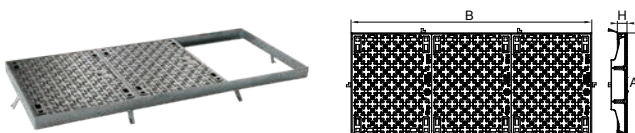
Standard access cover LOT B125



Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
LOT	24544		428 x 248	308	488	50	12,90	138,60



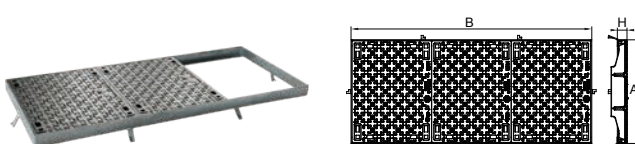
Standard access cover LT B125



Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
L1T	9776		633 x 427	507	645	60	33,10	283,30
L2T	12488		1269 x 427	507	1279	60	64,60	511,95
L3T	11621		1489 x 565	645	1499	60	92,20	739,20
L4T	15674		1876 x 527	647	1996	60	148,80	1014,40
1/2 L4T	9231		992 x 565	645	1002	60	63,60	509,75
	7929	cover alone	633 x 495				25,80	192,00



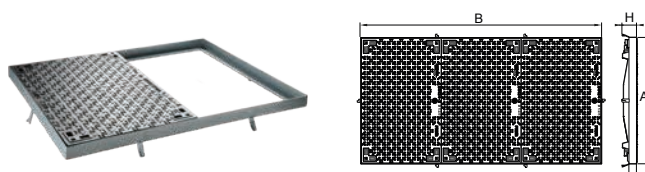
Standard access cover LT C250



Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
L1T	9245		633 x 427	507	645	60	39,40	317,00
L2T	9247		1269 x 427	507	1279	60	77,20	579,35
L3T	9249		1489 x 565	647	1499	60	111,10	840,30
L4T	15653		1876 x 527	647	1996	60	157,20	1149,20
1/2 L4T	17930		992 x 565	647	1002	60	78,00	577,15
	7979	cover alone	633 x 495				25,50	225,70



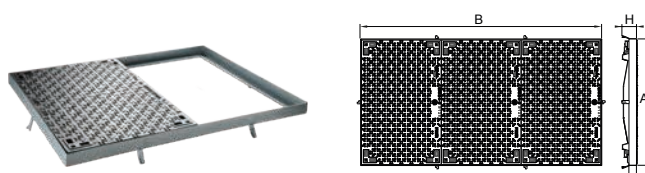
Standard access cover PT B125



Description	Ref.	Lay-out	Clear opening	A	B	H	h	kg	Price €
P2TC	9236		1161 x 884	1004	1281	120	60	151,90	992,45
L5T	9768		1795 x 884	1004	1915	120	60	234,00	1533,65
L6T	19649		2429 x 884	1004	2549	120	60	306,00	1955,25
M2T	9235		3062 x 884	1004	3182	120	60	377,00	2449,80
	7932	cover alone	990 x 633					63,95	412,15



Standard access cover PT C250



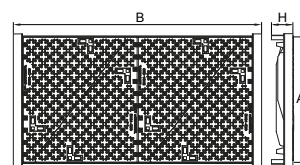
Description	Ref.	Lay-out	Clear opening	A	B	H	h	kg	Price €
P2TC	9251		1161 x 884	1004	1281	120	60	150,30	1204,95
L5T	15654		1795 x 884	1004	1915	120	60	228,45	1852,40
L6T	9250		2429 x 884	1004	2549	120	60	297,60	2380,25
M2T	21418		3062 x 884	1004	3182	120	60	367,75	2981,05
	7990	cover alone	990 x 633					63,15	518,40

Access covers

Standard access covers



Standard access cover KT C250

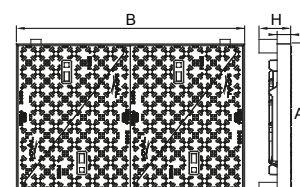


Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
K1T	10562		750 x 750	850	870	140	95,00	863,05
K2T	10158		750 x 1500	850	1620	140	196,40	1572,35
K3T*	19145		750 x 2250	850	2370	140	280,00	2424,60
cover alone							44,00	

*locked version, consult us



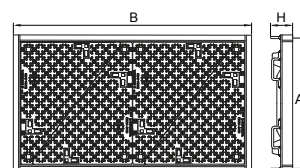
Standard access cover LC D400



Description	Ref.	Lay-out	Clear opening	A	B	H	h	kg	Price €
L1C	40024		531 x 393	691	513	60	120	71,00	720,80
L2C	40025		1165 x 393	553	1285	60	120	136,20	1294,05
L3C	40026		1385 x 531	691	1505	60	120	194,00	1846,00
L4C	40027		1880 x 531	691	2000	60	120	250,00	2378,15
1/2 L4C	40028		888 x 531	691	1008	60	120	132,00	1314,20
cover alone								50,00	



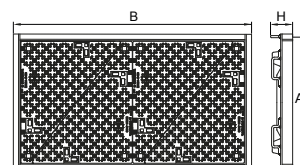
Standard access cover KC D400



Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
K1C	40021		750 x 750	910	910	140	148,00	1215,25
K2C	40022		750 x 1500	910	1660	140	274,00	2191,10
K3C	40023		750 x 2250	910	2410	140	402,00	3178,20
cover alone							55,00	

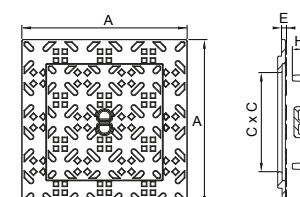
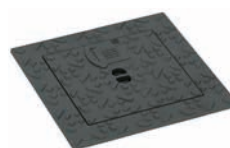


Standard access cover KE E600



Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
K1E	15871		750 x 750	910	910	140	171,00	1440,20
K2E	12435		750 x 1500	910	1660	140	312,00	2640,75
K3E	17209		750 x 2250	910	2410	140	459,00	3852,65
	11546		cover alone				64,00	513,55

POA 10 125 KN



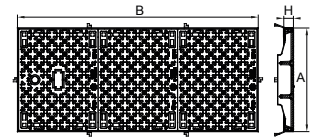
Ref.	Clear opening	A x A	C x C	H	E	kg	Price €
16653	180 x 180	300 x 300	210 x 210	24	14	5,78	56,05

Access covers

Secured access covers



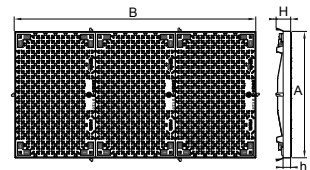
Secured access cover **LTV C250**



Description	Ref.	Lay-out	OL	A	B	H	kg	Price €
L1TV	22624		527 x 389	509	647	60	45,66	506,60
L2TV	22625		1161 x 389	509	1281	60	86,32	879,30
L3TV	20730		1381 x 527	647	1501	60	131,86	1198,25
L4TV	25532		1876 x 527	647	1996	60	162,98	1523,55
1/2 L4TV	28803		884 x 527	647	1004	60	83,48	867,95



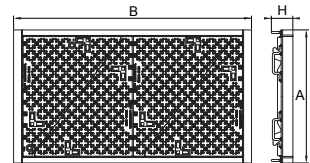
Secured access cover **PTV C250**



Description	Ref.	Lay-out	OL	A	B	H	h	kg	Price €
P2TV	21433		1161 x 884	1004	1281	120	60	166,43	1553,75
L5TV	20731		1795 x 884	1004	1915	120	60	251,03	2256,95
L6TV	21476		2429 x 884	1004	2549	120	60	326,53	2914,40
M2TV	7963		3062 x 884	1004	3182	120	60	402,62	3745,55



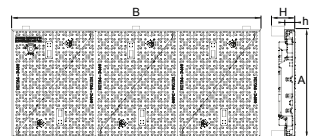
Secured access cover **KCV D400**



Description	Ref.	Lay-out	OL	A	B	H	kg	Price €
K1CV	25481		750 x 750	910	910	140	150,96	1555,15
K2CV	19835		750 x 1500	910	1660	140	278,06	2510,75
K3CV	25533		750 x 2250	910	2410	140	403,86	3441,00



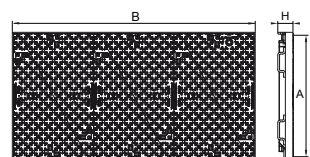
Secured access cover **LCV D400**



Description	Ref.	Lay-out	OL	A	B	H	h	kg	Price €
L1CV	30881		531 x 393	691	513	60	120	72,00	993,25
L2CV	30882		1161 x 393	553	1285	60	120	136,00	1707,00
L3CV	29452		1385 x 531	691	1505	60	120	185,83	1979,70
L4CV	30883		1880 x 531	691	2000	60	120	257,00	2868,05



Secured access cover **PCV D400**



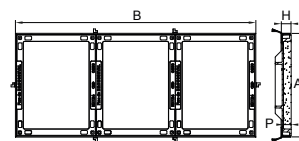
Description	Ref.	Lay-out	OL	A	B	H	kg	Price €
P2CV	22185		1166 x 888	1008	1286	120	279,66	2913,15
L5CV	22533		1799 x 888	1008	1919	120	411,13	4197,40
L6CV	23535		2433 x 888	1008	2553	120	543,43	5576,60

Access covers

Recessed infill access covers



Recessed infill access cover **LTR C250**

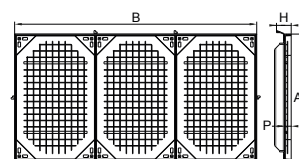


Description	Ref.	Lay-out	Clear opening	A	B	H	P	kg	Price €
LOT-R48	19458		428 x 248	328	508	60	48	29,50	222,95
L1T-R48	22935		527 x 389	509	647	60	48	47,30	504,20
L2T-R48	22960		1161 x 389	509	1281	60	48	97,00	953,75
L3T-R48	17393		1381 x 527	647	1501	60	48	140,80	1401,90
L4T-R48	17394		1876 x 527	647	1996	60	48	165,40	1898,00
1/2 L4T-R48	17395		884 x 527	647	1004	60	48	96,00	951,55
	19457	cover alone	495 X 316					21,00	159,35
	18237	cover alone	633 X 485					34,15	412,90

Remark: layer height 48mm = R48



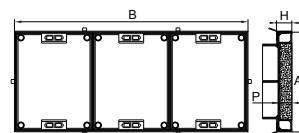
Recessed infill access cover **PTR C250**



Description	Ref.	Lay-out	Clear opening	A	B	H	P	kg	Price €
1/2 P2T-R48	17396		884 x 527	1004	647	60	48	69,00	1110,75
P2T-R48	17397		1161 x 884	1004	1281	60	48	128,40	2138,15
L5T-R48	17398		1795 x 884	1004	1915	60	48	195,60	3252,20
L6T-R48	17399		2429 x 884	1004	2549	60	48	253,80	4246,65
M2T-R48	17400		3062 x 884	1004	3182	60	48	313,00	5314,05
	10882	cover alone						52,20	985,00

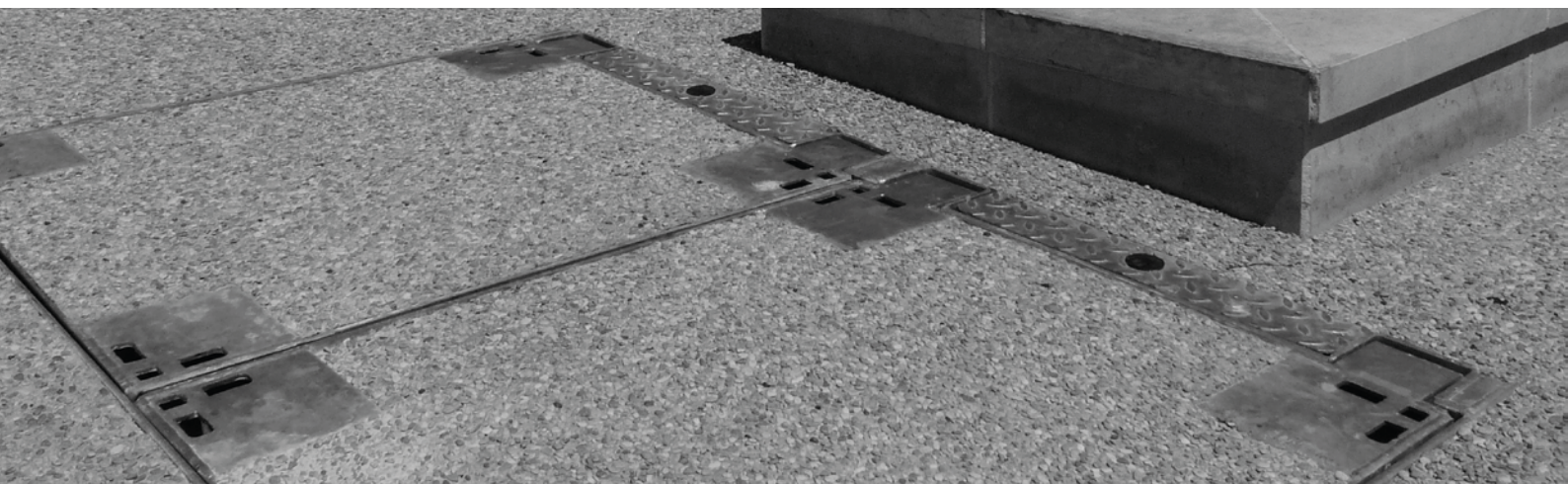
Remark: layer height 48mm = R48

Recessed infill access cover **LTR 400 KN**



Description	Ref.	Lay-out	Clear opening	A	B	H	P	kg	Price €
LOT-R80	28804		428 x 248	368	548	94	80	33,00	N.C
L1T-R80	28805		527 x 389	617	509	97	80	55,00	N.C
L2T-R80	46144		1161 x 389	509	1281	97	80	104,00	3182,65
L3T-R80	28806		1381 x 527	647	1501	97	80	149,00	N.C
1/2 L4T-R80	28807		884 x 527	647	1004	97	80	102,00	N.C

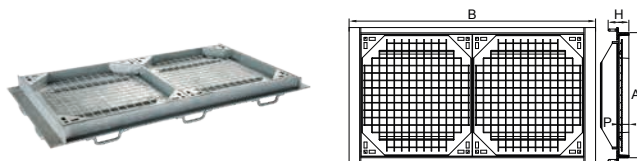
Remark: layer height 80mm = R80



Access covers

Recessed infill access covers

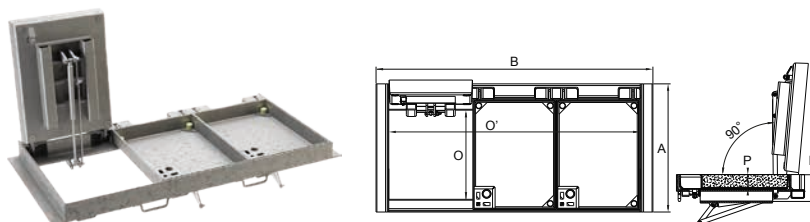
Recessed infill access cover KCR 400 KN - slow traffic flow



Description	Ref.	Lay-out	Clear opening	A	B	H	P	kg	Price €
K1C-R66	24096		750 x 750	910	910	80	66	105,00	2147,00
K2C-R66	22787		750 x 1500	910	1660	80	66	188,00	4003,15
K3C-R66	24097		750 x 2250	910	2410	80	66	273,00	5973,05
	22786	cover alone						67,00	1733,90

Remark: layer height 66mm = R66

Recessed infill access cover LTRVAA 400 KN

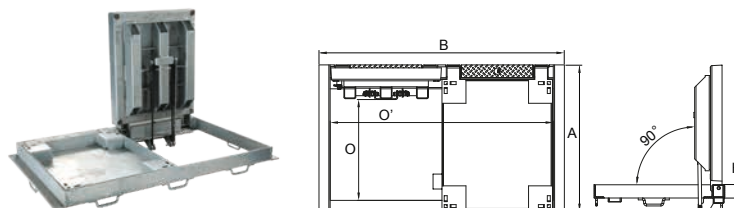


Description	Ref.	Lay-out	O x O'	A	B	H	P	kg	Price €
L1TVAA-R80	31583		528 x 498	759	648	160	80	75,00	3226,45
L2TVAA-R80	40865		394 x 1187	514	1497	150	80	122,00	6176,20
L3TVAA-R80	33010		528 x 1490	759	1640	160	80	181,00	8087,50
1/2 L4TVAA-R80	31584		528 x 993	759	1143	160	80	127,00	5575,65

Remark: layer height 80mm = R80



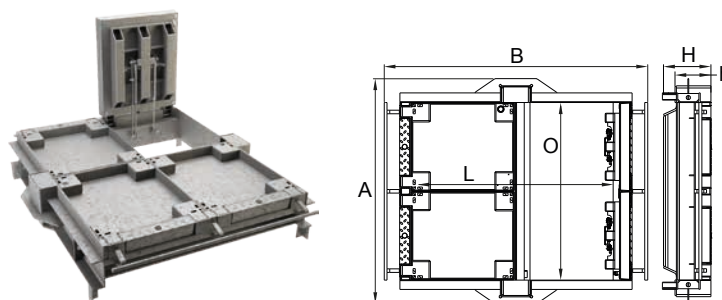
Recessed infill access cover KCRVAA 400 KN - slow traffic flow



Description	Ref.	Lay-out	Clear opening	O x O'	A	B	H	kg	Price €
K1CRVAA-R80	25015		750 x 750	680 x 750	986	900	200	133,67	5897,80
K2CRVAA-R80	23926		750 x 1500	680 x 1500	986	1650	200	246,93	9307,55
K3CRVAA-R80	23927		750 x 2250	680 x 2250	986	2400	200	360,00	14625,95

Remark: layer height 80mm = R80

Recessed infill access cover Description 2xKCRVAA 400 KN



Version	Ref.	Lay-out	Clear opening	A	B	H	h	kg	Price €
2xK2CVAA-R80	46610		1500 x 1642	1902	2226	401	303	835,00	31521,80
2xK3CVAA-R80	45658		2250 x 1642	2652	2226	401	303	1182,00	41948,05

Remark: layer height 80mm = R80

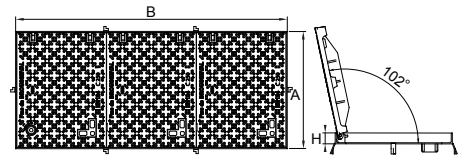
Access covers

Locked, hinged & lift assisted access covers



Hinged access cover

LTVA * C250



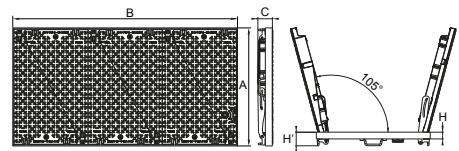
Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
L1TVA	19181		527 x 389	509	647	60	40,00	695,70
L2TVA	19182		1161 x 389	509	1281	60	78,00	1203,15
L3TVA	19183		1381 x 527	647	1501	60	113,00	1651,25
L4TVA	19184		1876 x 527	647	1996	60	147,00	2210,40
1/2 L4TVA	19185		884 x 527	647	1004	60	76,00	1186,15

* WITHOUT ASSIST LIFT



Hinged access cover

PCVAA D400

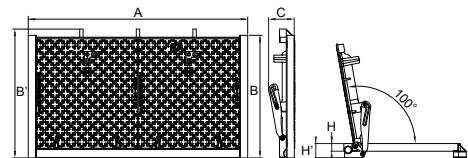
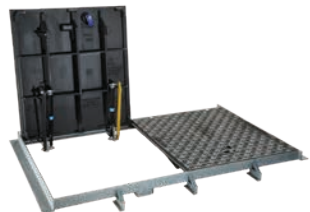


Description	Ref.	Lay-out	Clear opening	A	B	C	H	H'	kg	Price €
P2CVAA	30017		1166 x 888	1286	1008	125	60	120	275,00	4243,40
L5CVAA	30018		1799 x 888	1919	1008	125	60	120	406,00	7343,85
L6CVAA	30019		2433 x 888	2553	1008	125	60	120	530,00	9079,60



Hinged access cover

KTVAA C250

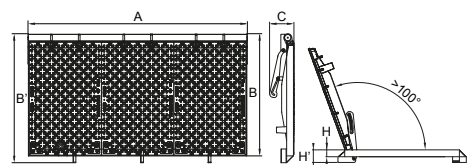


Description	Ref.	Lay-out	Clear opening	A	B	B'	C	H	H'	kg	Price €
K1TVAA	19190		750 x 750	870	910	960	190	60	110	102,00	1645,80
K2TVAA	19191		750 x 1500	1620	910	960	190	60	110	192,00	2902,90
K3TVAA	19192		750 x 2250	2380	910	960	190	60	110	234,13	4926,05



Hinged access 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	2411,10
P2TVAA	7993		1161 x 887	1291	1004	1135	220	60	110	176,00	3422,20
L5TVAA	10012		1795 x 887	1925	1004	1135	220	60	110	258,50	5332,15
L6TVAA	10013		2429 x 887	2560	1004	1135	220	60	110	342,00	6352,10
M2TVAA	10014		3062 x 887	3190	1004	1135	220	60	110	420,50	7913,45

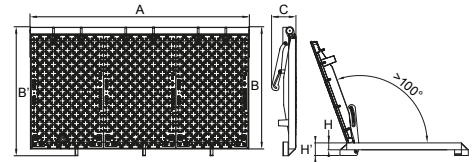
Access covers

Locked, hinged & lift assisted access covers



Hinged access cover

PTVAA D400 slow traffic flow

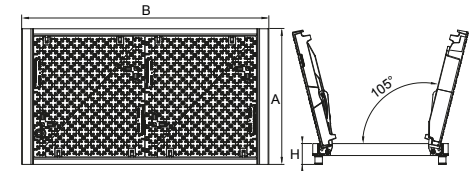
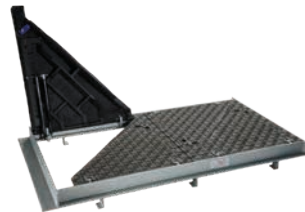


Description	Ref.	Lay-out	Clear opening	A	B	B'	C	H	H'	kg	Price €
1/2 P2TVAA	19459		638 x 887	760	1004	1130	220	60	110	112,03	2708,95
P2TVAA	19375		1161 x 887	1291	1004	1135	220	60	110	216,91	3996,50
L5TVAA	19301		1795 x 887	1925	1004	1135	220	60	110	323,63	6196,70
L6TVAA	19460		2429 x 887	2560	1004	1135	220	60	110	427,33	7493,40
M2TVAA	19461		3062 x 887	3190	1004	1135	220	60	110	531,03	9339,75



Hinged access cover

KCVAA D400

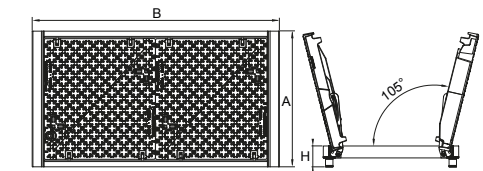
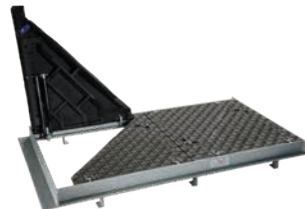


Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
K1CVAA	8048		750 x 750	910	910	140	133,00	2379,00
K2CVAA	8028		750 x 1500	910	1660	140	246,00	4019,70
K3CVAA	8033		750 x 2250	910	2410	140	357,00	6172,55



Hinged access cover

KEVAA E600

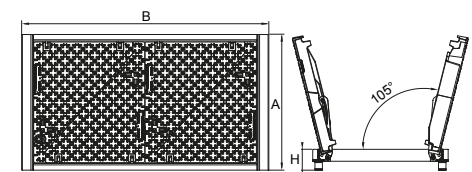
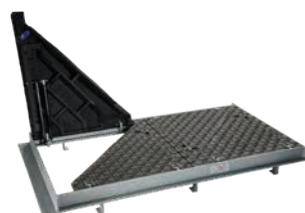


Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
K1EVAA	25761		750 x 750	910	910	140	196,21	3414,75
K2EVAA	25762		750 x 1500	910	1660	140	367,19	5028,70
K3EVAA	25763		750 x 2250	910	2410	140	539,77	8691,60



Hinged access cover

KFVAA F900

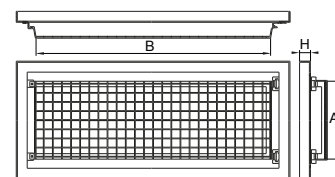
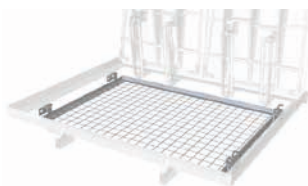


Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
K1FVAA	25753		750 x 750	910	910	140	196,21	3414,75
K2FVAA	25754		750 x 1500	910	1660	140	367,19	5028,70
K3FVAA	25755		750 x 2250	910	2410	140	539,77	8691,60

Fall safety mesh grid of 50 x 50

Option:

grid attached to the frame : CONSULT US



Description	Ref. grid	A	B	H	kg	Price €
L1T	8089	425	305	80	3,00	171,60
L2T	8090	292	1080	80	6,00	219,10
L3T	8098	425	1300	80	8,00	259,60
L4T	8099	425	1800	80	10,00	333,60
1/2 L4T	8078	425	800	80	11,00	236,50
P2TC	8104	750	1080	70	11,00	315,75
L5T	8100	750	1715	70	15,00	398,40
L6T	8101	750	2350	70	17,00	489,50
K1C	8081	580	670	80	6,00	226,65
K2C	8082	580	1420	80	12,00	360,80
K3C	8083	580	2170	80	15,50	465,75

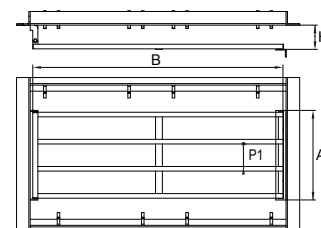
Remark: Material: Steel hot-dip galvanized



Adaptation kit for fall safety mesh grid

Ref.	Price €
8105	26,75

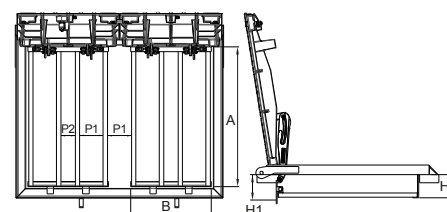
Fall safety equipment solidary bars for LT, LC access covers



Description	Ref. grid + Fixing kit	Nr. grid	A	B	H	P1	kg	Price €
L1	29079	1	501	195	148	123	3,00	700,40
L3	26827	1	1353	345	148	123	6,00	1448,85
1/2 L4	27773	1	856	345	148	123	7,20	1451,60

Remark: Material: Stainless steel

Fall safety equipment solidary bars for PT, KT access covers



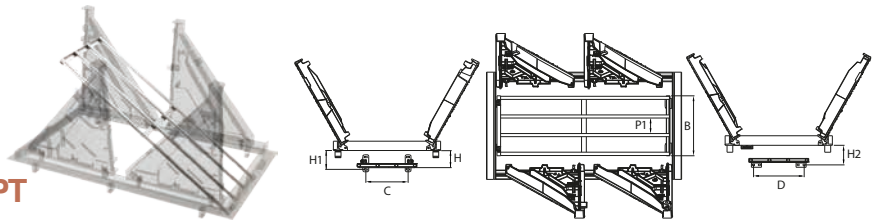
Description	Ref. grid	Nr. grid	Clear opening	A	B	C	H	H1	P1	P2	kg	Price €
1/2P2T	18369	1	630 x 810	866	500	350	145	160	145	90	7,20	701,35
P2T		2	1161 x 810	866	500	350	145	160	145	90	14,40	701,35
L5T		3	1795 x 810	866	500	350	145	160	145	90	21,60	701,35
L6T		4	2429 x 810	866	500	350	145	160	145	90	28,80	701,35
M2T		5	3062 x 810	866	500	350	145	160	145	90	36,00	701,35
K1T	19699	1	750 x 640	727	627	577	145	160	123	123	9,60	683,60
K2T		2	1500 x 640	727	627	577	145	160	123	123	19,20	683,60
K3T		3	2250 x 640	727	627	577	145	160	123	123	28,80	683,60

Remark: Material: Stainless steel. Fixing kit included with the grid.

Access covers

Fall safety equipment

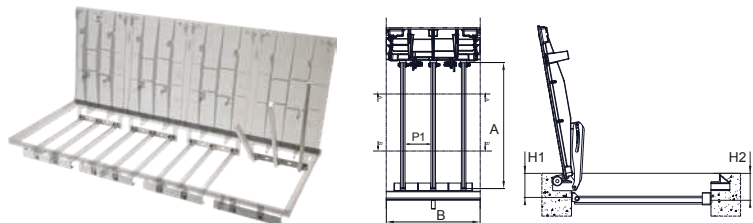
Fall safety equipment independent bars for KC, KT, PT



Description	Ref. grid	Nr. grid	Clear opening	Freeway	B	C	D	H	H1	H2	P1	kg	Price €
K1	18370	1	750 x 750	670 x 610	510	360	430	143	160	167	132	9,60	683,60
K2	18214	1	750 x 1500	1420 x 610	510	360	430	143	160	167	132	15,00	1033,20
K3	23501	1	750 x 2250	2170 x 610	510	360	430	143	160	167	132	18,00	1540,80
P2C	42271	1	888 x 1166	1031 x 760	630	580	500	143	160	167	123	12,00	1752,15
L5C	28603	1	888 x 1799	1664 x 760	630	580	500	143	160	167	123	17,00	2237,70
L6C	44187	1	888 x 2433	2298 x 760	630	580	500	143	160	167	123	22,00	2443,60

Remark: Material: Stainless steel. Fixing kit included with the grid.

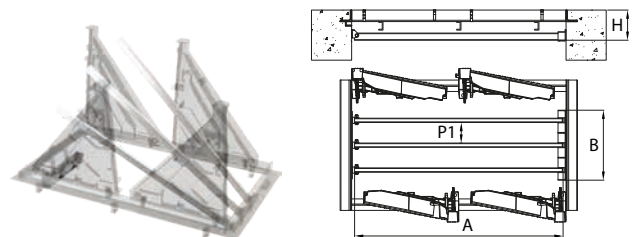
Fall safety equipment independent bars for 1/2P2T to M2T



Description	Ref. grid	Nr. grid	Clear opening	A	B	H1	H2	P1	kg	Price €
1/2P2T	25017	1	630 x 762	850	530	153	171	175	20,00	859,35
P2T		2	1161 x 762	850	530	153	171	175	40,00	859,35
L5T		3	1795 x 762	850	530	153	171	175	60,00	859,35
L6T		4	2429 x 762	850	530	153	171	175	80,00	859,35
M2T		5	3062 x 762	850	530	153	171	175	100,00	859,35

Remark: Material: Stainless steel. Fixing kit included with the grid.

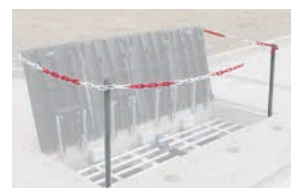
Fall safety equipment independent bars for KC, PC



Description	Ref. grid	Nr. grid	Clear opening	A	B	H	P1	kg	Price €
K1C	24553	1	625 x 610	705	490	211	144	41,00	2158,05
K2C	24554	1	1375 x 610	1455	490	211	144	10,00	2470,30
K3C	24555	1	2125 x 610	2205	490	211	144	55,00	3094,00
1/2P2C	38777	1	888 x 533	490	700	190	108	11,70	2030,75
P2C	38778	1	888 x 1166	1120	700	190	108	19,00	2784,70
L5C	31182	1	888 x 1799	1755	700	190	108	25,20	2318,40
L6C	32518	1	888 x 2433	2390	700	190	108	32,50	2781,00

Remark: Material: Stainless steel. Fixing kit included with the grid.

Grid railing for hinged access covers

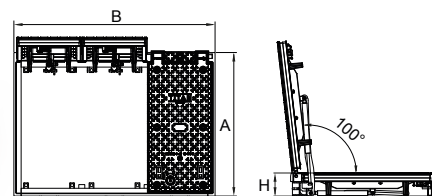


Description	Ref.	kg	Price €
L1T to M2T	12318	10,00	441,95



Other dimensions : consult us

Hinged access cover TITAN 1000 - D400

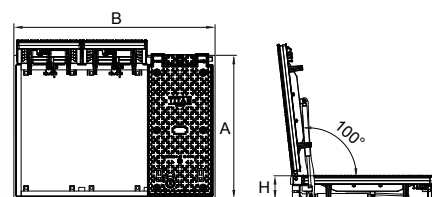


Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
Titan M2	32434		1000 x 1000	1200	1120	190	327,00	8287,35
Titan M3	32435		1000 x 1540	1200	1660	190	449,55	12468,30
Titan M4	32436		1000 x 2080	1200	2200	190	602,00	17602,45

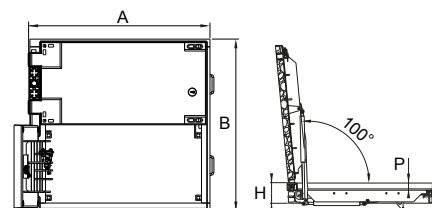


Other dimensions : consult us

Hinged access cover TITAN 1000 - D400 watertight



Description	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
Titan M2	32437		1000 x 1000	1200	1120	190	327,00	9499,40
Titan M3	32438		1000 x 1540	1200	1660	190	479,00	14287,45
Titan M4	32439		1000 x 2080	1200	2200	190	630,26	20055,55



Recessed infill access cover TITAN 1000 - 400 kN slow traffic flow

Description	Ref.	Lay-out	Clear opening	A	B	H	P	kg	Price €
Titan M1-R62	48641		1000 x 460	1225	580	190	62	202,00	8212,50
Titan M2-R62	48642		1000 x 1000	1225	1120	190	62	374,00	13362,85
Titan M3-R62	48643		1000 x 1540	1225	1660	190	62	545,00	19772,50
Titan M4-R62	48644		1000 x 2080	1225	2200	190	62	718,00	26451,30

Remark: layer height 62mm = R62

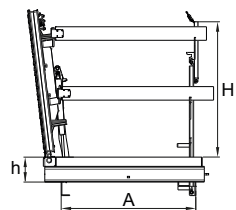
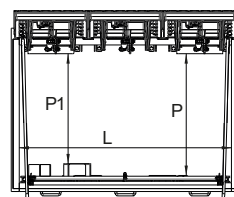


Handling and operating key
for TITAN acces cover

Ref.	Price €
31166	99,70



Fall safety equipment for TITAN 1000 grid railing

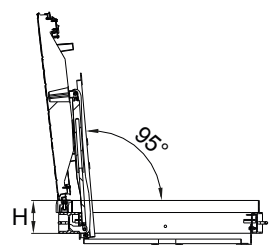
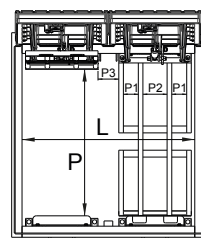


Description	Ref.	Freeway P x L	A	h	H	P1	kg	Price €
Titan M2	43225	882 x 1000	1000	378	1000	797	35,7	4683,75
Titan M3	43226	882 x 1540	1000	378	1000	797	45,02	5553,00
Titan M4	43227	882 x 2080	1000	378	1000	797	63,38	8267,05

Remark: Material: Stainless steel / Aluminium



Fall safety equipment for TITAN 1000 solidary bars

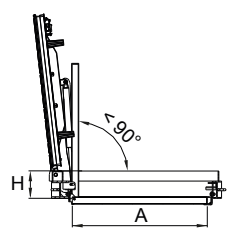
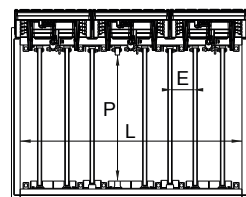


Description	Ref.	Freeway P x L	A	B	H	P1	P2	P3	kg	Price €
Titan M2	32452	850 x 1000	916	420	224	86	140	120	14,00	2120,90
Titan M3	32453	850 x 1540	916	420	224	86	140	120	21,00	3181,85
Titan M4	32454	850 x 2080	916	420	224	86	140	120	28,00	4242,15

Remark: Material: Stainless steel



Fall safety equipment for TITAN 1000 independent bars



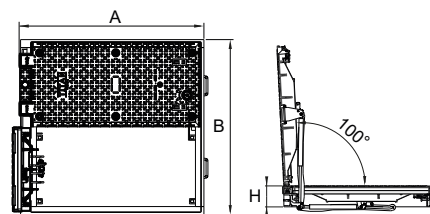
Description	Ref.	Freeway P x L	A	E	H	kg	Price €
Titan M2	32455	870 x 1000	960	145	180	17,90	1655,80
Titan M3	32456	870 x 1540	960	145	180	28,80	2684,15
Titan M4	32457	870 x 2080	960	145	180	39,70	3711,85

Remark: Material: Stainless steel



Hinged access cover

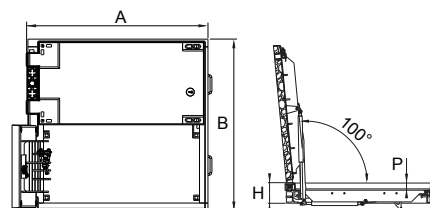
TITAN 1200 400 KN - slow traffic flow



Description	Assist lift	Ref.	Lay-out	Clear opening	A	B	H	kg	Price €
Titan 2	gas strut	42342		1200 x 1200	1400	1320	190	435.00	12759,00
	mechanical spring	42345							14497,95
Titan 2 dense traffic	gas strut	42343		1200 x 1200	1400	1320	190	435.00	13207,70
	mechanical spring	42346							14946,55
Titan 2 watertight	gas strut	42344		1200 x 1200	1400	1320	190	435.00	14269,40
	mechanical spring	42347							16008,40
Titan 3	gas strut	42348		1200 x 1840	1400	1960	190	621.00	20157,60
	mechanical spring	42351							22766,00
Titan 3 dense traffic	gas strut	42349		1200 x 1840	1400	1960	190	621.00	20830,60
	mechanical spring	42352							23438,95
Titan 3 watertight	gas strut	42350		1200 x 1840	1400	1960	190	621.00	22423,15
	mechanical spring	42353							25031,45
Titan 4	gas strut	42354		1200 x 2480	1400	2600	190	816.00	25102,55
	mechanical spring	42357							28580,35
Titan 4 dense traffic	gas strut	42355		1200 x 2480	1400	2600	190	816.00	25999,95
	mechanical spring	42358							29477,75
Titan 4 watertight	gas strut	42356		1200 x 2480	1400	2600	190	816.00	28123,30
	mechanical spring	42359							31601,20
Titan 5	gas strut	42360		1200 x 3120	1520	3240	190	1030.00	32436,80
	mechanical spring	42363							36784,05
Titan 5 dense traffic	gas strut	42361		1200 x 3120	1520	3240	190	1030.00	33558,55
	mechanical spring	42364							37905,85
Titan 5 watertight	gas strut	42362		1200 x 3120	1520	3240	190	1030.00	36212,80
	mechanical spring	42365							40560,00

Recessed infill access cover

TITAN 1200 - 400 kN slow traffic flow



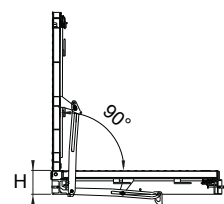
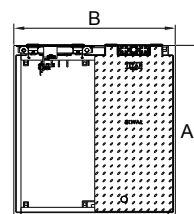
Description	Ref.	Lay-out	OL	A	B	H	P	kg	Price €
Titan 1-R62	48645		1200 x 560	1425	680	190	62	265,00	9629,50
Titan 2-R62	48646		1200 x 1200	1425	1320	190	62	490,00	15447,20
Titan 3-R62	48647		1200 x 1840	1425	1660	190	62	715,00	22296,15
Titan 4-R62	48648		1200 x 2480	1425	2600	190	62	915,00	29588,05

Remark: layer height 62mm = R62



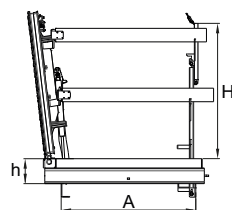
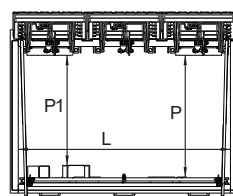
Handling and operating key for TITAN acces cover

Ref.	Price €
31166	99,70



Hinged access cover TITAN 1200 - 125 kN with steel covers

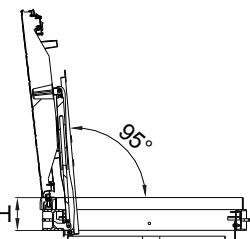
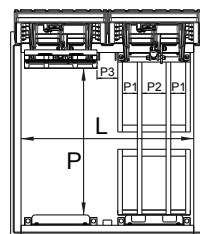
Description	Ref.	Clear opening	A	B	H	kg	Price €
Titan 1	48649	1200 x 560	1425	680	190	140,00	6578,55
Titan 2	48650	1200 x 1200	1425	1320	190	245,00	9956,55
Titan 3	48651	1200 x 1840	1425	1660	190	350,00	14283,10
Titan 4	48652	1200 x 2480	1425	2600	190	450,00	18647,60



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	5269,85
Titan M3	43186	1082 x 1840	1200	403	1125	997	56,19	6640,75
Titan M4	43187	1082 x 2480	1200	403	1125	997	78,89	9976,70

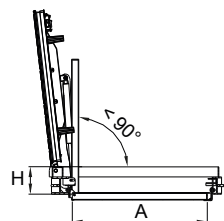
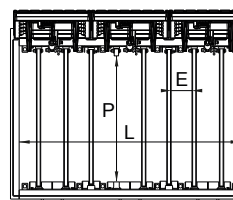
Remark: Material: Stainless steel / Aluminium



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	2197,35
Titan 3	43117	1025 x 1840	1090	520	225	66	126	120	39,54	3295,50
Titan 4	43120	1025 x 2480	1090	520	225	66	126	120	52,72	4393,60
Titan 5	43124	1025 x 3120	1090	520	225	66	126	120	65,90	5492,95

Remark: Material: Stainless steel



Fall safety equipment for TITAN 1200 independent bars

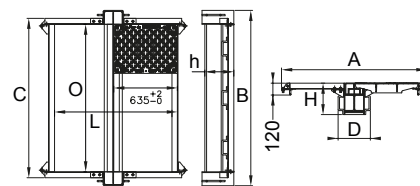
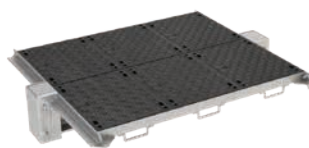
Description	Ref.	Freeway	A	E	H	kg	Price €
Titan 2	43112	1030 x 1200	1125	135	235	31,20	2266,75
Titan 3	43115	1030 x 1840	1125	135	235	49,05	3634,15
Titan 4	43118	1030 x 2480	1125	135	235	66,90	5006,30
Titan 5	43122	1030 x 3120	1125	135	235	84,75	6378,30

Remark: Material: Stainless steel

Access covers

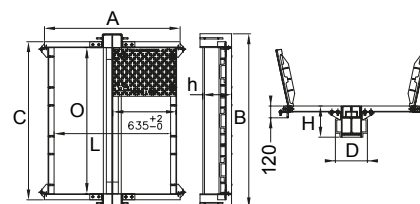
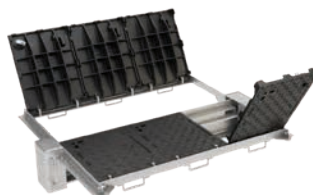
Multi-leaf access covers

Multi-leaf access cover 2xLT - 250 kN



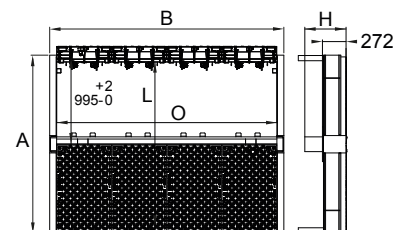
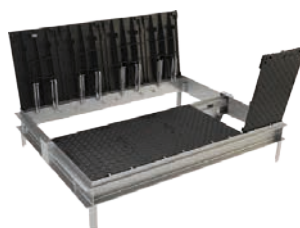
Description	Ref.	Lay-out	O x L	A	B	C	D	H	h	kg	Price €
2xL3T	22397		1489 x 1172	1452	1771	1609	322	317	289	328,90	8136,75

Multi-leaf access cover 2xLTVA - 250 kN



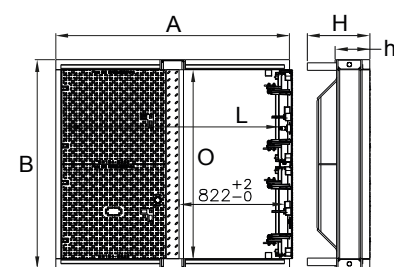
Description	Ref.	Lay-out	O x L	A	B	C	D	H	h	kg	Price €
2xL3TVA	22192		1489 x 1172	1452	1771	1609	322	317	289	438,86	10942,20
2xL4TVA	21754		1984 x 1172	1452	2266	2104	322	317	289	310,24	14233,05

Multi-leaf access cover 2xPTVAA monobloc frame - 250 kN



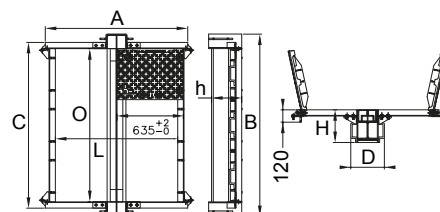
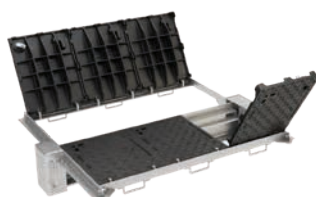
Description	Ref.	Lay-out	OL	A	B	H	kg	Price €
2xL5TVAA	39517		1903 x 1892	2052	2063	475	863,00	23487,00
2xL6TVAA	39519		2537 x 1892	2052	2697	475	1335,00	27496,95
2xM2TVAA	39521		3170 x 1892	2052	3330	515	1654,00	31507,00

Multi-leaf access cover slow traffic flow 2xKTVAA monobloc frame - 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	13331,85

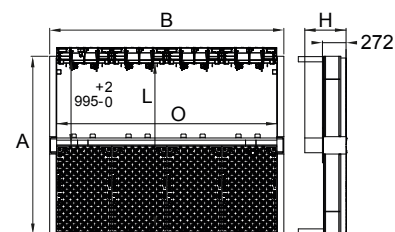
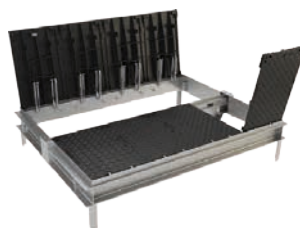
Multi-leaf access cover slow traffic flow 2xLTVA - 400 kN



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	11657,25
2xL4TVA	21748		1984 x 1172	1452	2266	2104	382	377	349	312,44	15899,50

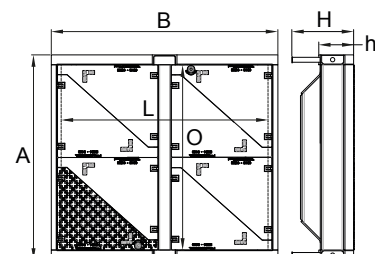
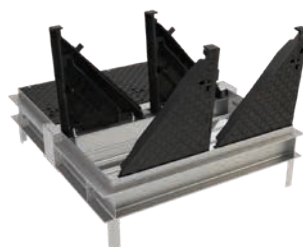
Access covers

Multi-leaf access covers



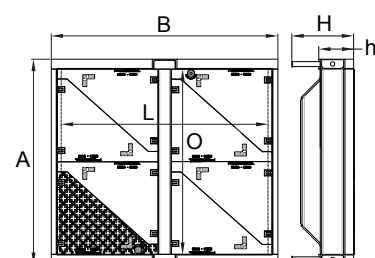
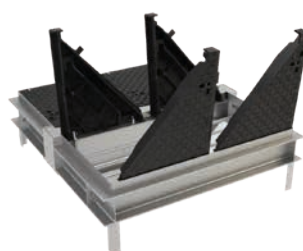
Multi-leaf access cover slow traffic flow
2xPTVAA monobloc frame - 400 kN

Description	Ref.	Lay-out	O x L	A	B	H	kg	Price €
2xL5TVAA	39518		1903 x 1892	2052	2063	475	863,00	26178,95
2xL6TVAA	39520		2537 x 1892	2052	2697	475	1335,00	31735,15
2xM2TVAA	39237		3170 x 1892	2052	3330	515	1654,00	36089,75



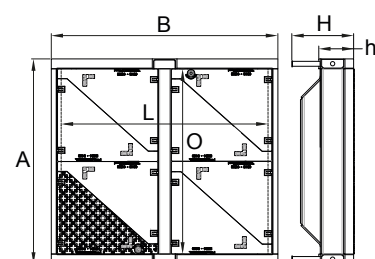
Multi-leaf access cover
2xKCVA monobloc frame - 400 kN

Description	Ref.	Lay-out	O x L	A	B	H	h	kg	Price €
2xK2CVA	28929		1500 x 1674	1660	1834	520	282	542,84	13307,05
2xK3CVA	28930		2250 x 1674	2410	1834	520	282	921,84	17377,15



Multi-leaf access cover
2xKCVAA monobloc frame - 400 kN

Description	Ref.	Lay-out	O x L	A	B	H	h	kg	Price €
2xK2CVAA	28928		1500 x 1674	1660	1834	520	282	542,84	14381,35
2xK3CVAA	28774		2250 x 1674	2410	1834	520	282	936,24	18991,15



Multi-leaf access cover
2xKEVAA - monobloc frame 600 kN

Description	Ref.	Lay-out	O x L	A	B	H	h	kg	Price €
2xKEVAA	30194		1500 x 1674	1660	1834	560	282	905,00	Consult us

Access covers

Accessory

Cover lifter

Remarks: - Lifting capacity 400 kg
- ref item for a set of 2 no cover lifters



Ref.	Lifting height	kg	Price €
26350	30 cm	15,00	1508,40

Hammer for cast iron cover

Remarks: - pad made of copper
- Material: steel E24.



Ref.	Length	kg	Price €
8106	1000	5,50	644,50

Hammer for Ares cast iron cover



Ref.	kg	Price €
41790	2,40	476,60

Frames alone



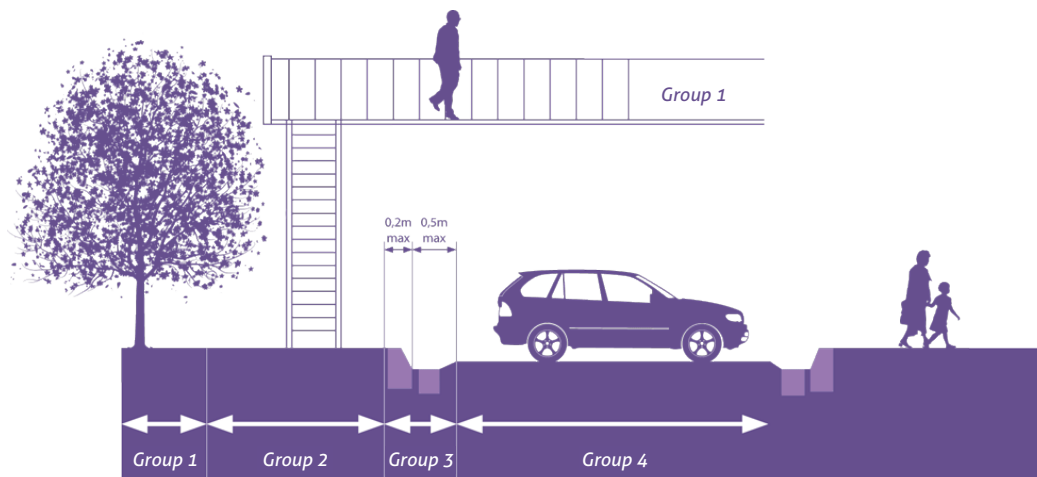
Ref. access cover	Ref.	kg	Price €
LOT	24543	4,30	54,25
L1T	8063	7,30	91,30
L2T	8064	13,00	127,95
L3T	8066	14,80	163,20
L4T	8068	28,80	246,40
1/2 L4T	8059	12,00	125,75
P2TC	8072	24,00	168,15
L5T	8069	39,00	297,20
L6T	8074	45,00	306,65
M2T	8071	52,00	389,05

Kits of hinge & assist lift

Remark : 1 kit per lid



Ref. access cover	Description	Ref.	kg	Price €
KT/PT	standard gas strut	29007	3,03	340,60
KT/PT	stainless steel gas strut	29009	3,23	825,10
KC/PC	standard gas strut	29008	1,41	242,50
KC/PC	stainless steel gas strut	29010	1,51	482,55
LTR	standard gas strut	46430	1,57	1003,00
KCR	standard gas strut	35455	0,89	463,25
KE/KF triangulaire	standard gas strut	46429	2,31	338,50
KE/KF triangulaire	stainless steel gas strut	46428	1,81	711,20
TITAN 1000	standard gas strut	35657	3,02	1306,60
TITAN 1000	stainless steel gas strut	45984	3,19	1864,40
TITAN 1000	mechanical spring	46425	9,52	2385,40
TITAN 1200	standard gas strut	45654	8,51	1168,80
TITAN 1200	mechanical spring	46427	14,45	2545,10
TITAN 1200	stainless steel gas strut	45461	5,39	1763,25



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

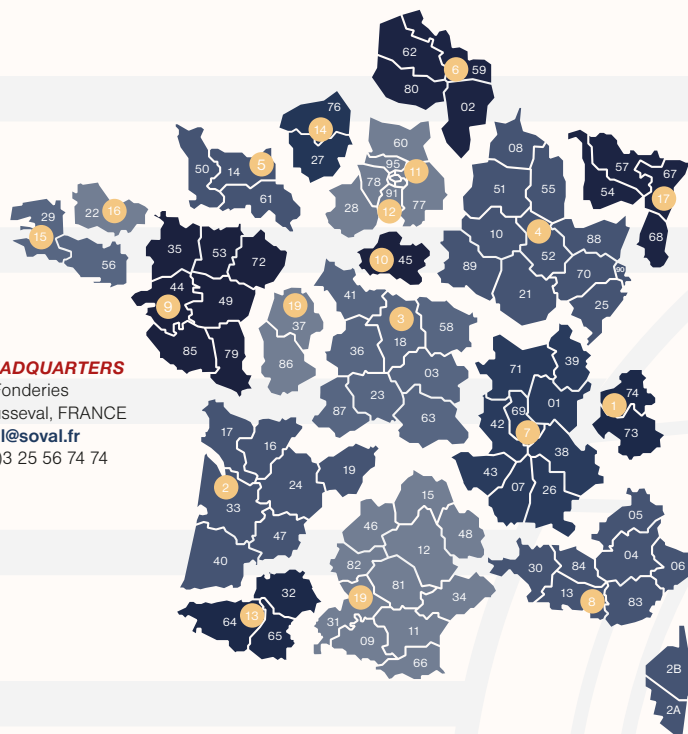
Areas imposing particularly high wheel loads, e.g. aircraft pavements.



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.



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