

BLÜCHER®

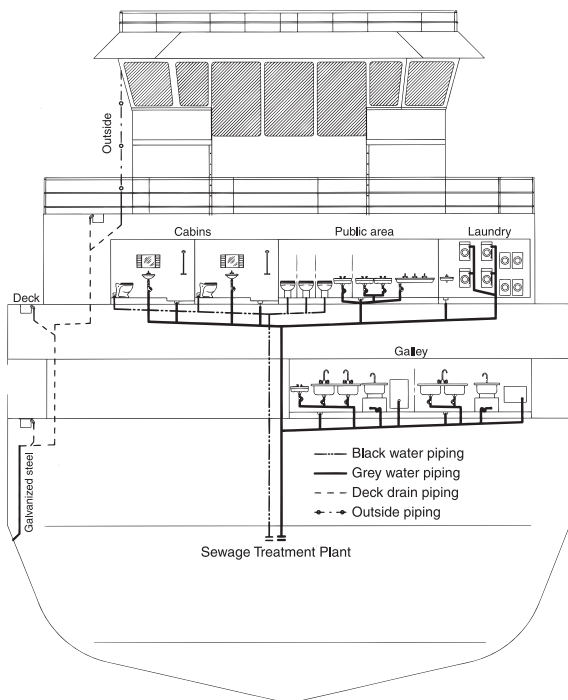
SANITARY DISCHARGE SYSTEM
FOR MARINE APPLICATIONS
POCKET GUIDE



BLÜCHER®

K E E P I N G U P T H E F L O W

STAINLESS STEEL DRAINAGE SYSTEMS



Applications and acceptable pressures

Gravity OD 40 - 200 mm + 0,50 bar

With joint clamps:

OD 40, 50, 75, 110 mm + 2,00 bar

OD 125, 160 mm + 1,00 bar

With projections and joint clamps:

OD 40, 50, 75, 110, 125, 160 mm + 3,00 bar

With pressure peak clamps:

OD 40, 50, 75, 110 mm + 10,00 bar in peaks

OD 125, 160 mm + 7,00 bar in peaks

Vacuum OD 40 - 75 mm - 0,85 bar

OD 110 - 160 mm - 0,60 bar

BLÜCHER® DRAIN MARINE

Marine drains for tiled floors and steel decks.	1
Marine lower parts for steel decks.	2
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BLÜCHER® EUROPIPE

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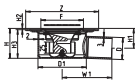


www.blucher-marine.com

Visit our website to see full technical specifications on all BLÜCHER® products including installation guides and videos, maintenance instructions and product data.



ADJUSTABLE MARINE DRAIN TYPE 491
WITH REMOVABLE WATER TRAP

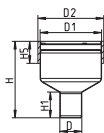


Type no.	EC/MED (Deck)	D	D1	F	Z	H	H1
491.200.050 VS	A0-A60	50	110	97x97	Ø166	68-78	45-55

Marine lower parts for steel decks

LOWER PART FOR MARINE DRAIN TYPE 470.000

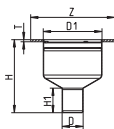
WITH WELDING SLEEVE



Type no.	EC/MED (Deck)	D	D1	H	H1	H5	D2	Kg
470.000.050 S	A0-A60	50	140	174	58	50	150	1,73
470.000.075 S	A0-A60	75	140	172	63	50	150	1,60
470.000.110 S	A0-A60	110	140	146	75	50	150	1,70

LOWER PART FOR MARINE DRAIN TYPE 470.200

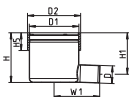
WITH WELDING FLANGE



Type no.	EC/MED (Deck)	D	D1	Z	H	H1	T	Kg
470.200.050 S	A0-A60	50	140	Ø200	174	58	5	1,30
470.200.075 S	A0-A60	75	140	Ø200	172	63	5	1,40
470.200.110 S	A0-A60	110	140	Ø200	141	75	5	1,24

LOWER PART FOR MARINE DRAIN TYPE 475.000

WITH WELDING SLEEVE

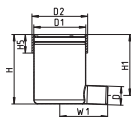


Type no.	EC/MED (Deck)	D	D1	H	H1	H5	W1	D2
475.000.050 S	A0-A60	50	140	140	117	50	129	150
475.000.075 S	A0-A60	75	140	140	105	50	134	150

Marine lower parts for steel decks

LOWER PART FOR MARINE DRAIN, HIGH MODEL TYPE 475.100

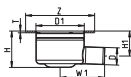
WITH WELDING SLEEVE



Type no.	EC/MED (Deck)	D	D1	H	H1	H5	W1	D2
475.100.050 S	A0-A60	50	140	187	164	50	129	150

LOWER PART FOR MARINE DRAIN TYPE 475.200

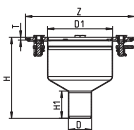
WITH WELDING FLANGE



Type no.	EC/MED (Deck)	D	D1	Z	H	H1	W1	T
475.200.050 S	A0-A60	50	140	Ø200	106	72	129	5
475.200.075 S	A0-A60	75	140	Ø200	106	71	134	5

LOWER PART FOR MARINE DRAIN TYPE 470.900

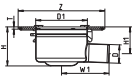
NON-WELDED



Type no.	EC/MED (Deck)	D	D1	Z	H	H1	T	Kg
470.900.050 S	A0-A60	50	140	Ø235	174	58	6	2,35
470.900.075 S	A0-A60	75	140	Ø235	172	63	6	2,37
470.900.110 S	A0-A60	110	140	Ø235	141	75	6	2,33

Marine lower parts for steel decks

LOWER PART FOR MARINE DRAIN TYPE 475.900 NON-WELDED



Type no.	EC/MED (Deck)	D	D1	Z	H	H1	W1	T
475.900.050 S	A0-A60	50	140	Ø235	106	72	129	6
475.900.075 S	A0-A60	75	140	Ø235	106	71	134	6

Marine lower parts for aluminium decks

LOWER PART FOR MARINE DRAIN TYPE 480

WITH BIMETAL FLANGE



Type no.	EC/MED (Deck)	D	D1	Z	H	H1	D2	Kg
480.200.050 S	A0-A60	50	140	Ø200	179	58	175	1,00
480.200.075 S	A0-A60	75	140	Ø200	177	63	175	1,50
480.200.110 S	A0-A60	110	140	Ø200	151	75	175	1,50

LOWER PART FOR MARINE DRAIN TYPE 485

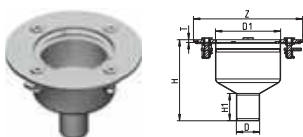
WITH BIMETAL FLANGE



Type no.	EC/MED (Deck)	D	D1	Z	H	H1	W1	D2
485.200.050 S	A0-A60	50	140	Ø200	111	78	128	175
485.200.075 S	A0-A60	75	140	Ø200	111	76	133	175

LOWER PART FOR MARINE DRAIN TYPE 470.900

NON-WELDED

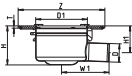


Type no.	EC/MED (Deck)	D	D1	Z	H	H1	T	Kg
470.900.050 S	A0-A60	50	140	235	174	58	6	2,35
470.900.075 S	A0-A60	75	140	235	172	63	6	2,37
470.900.110 S	A0-A60	110	140	235	141	75	6	2,33

Marine lower parts for aluminium decks

LOWER PART FOR MARINE DRAIN TYPE 475.900

NON-WELDED

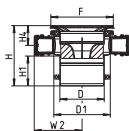


Type no.	EC/MED (Deck)	D	D1	Z	H	H1	W1	T
475.900.050 S	A0-A60	50	140	235	106	72	129	6
475.900.075 S	A0-A60	75	140	235	106	71	134	6

Marine upper parts for tiled and wooden floors

UPPER PART FOR MARINE DRAIN TYPE 471.300

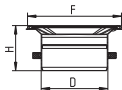
WITH SIDE INLETS



Type no.	D	D1	F	H	H1	H4	W2	Kg
471.300.110 S	110	140	155	150-160	74	49-59	119	3,00

3 inlets (Ø32/40mm)

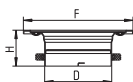
UPPER PART FOR MARINE DRAIN TYPE 472.300



Type no.	D	F	H	Kg
472.300.110 S	110	155x155	74	0,70

Marine upper parts for resin floors

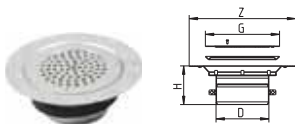
UPPER PART FOR MARINE DRAIN TYPE 472.320



Type no.	D	F	H	Kg
472.320.110 S	110	Ø180	59	0,57

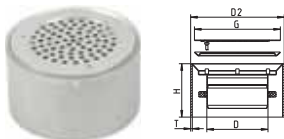
Marine upper parts for vinyl floors

UPPER PART FOR MARINE DRAIN TYPE 473.300



Type no.	D	Z	G	H	Kg
473.300.110 S	110	Ø222	Ø155	81	0,80

UPPER PART FOR MARINE DRAIN TYPE 473.301

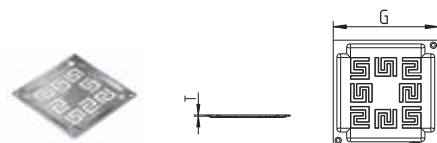


Type no.	D	G	H	D2	T	Kg
473.301.110 S	110	Ø155	96	168	3	0,80

For welding into floating decks

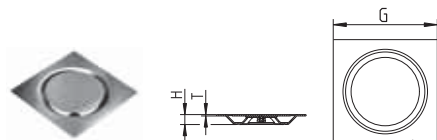
Accessories for marine drains

GRATING SQUARE ATHENS



Type no.	G	T	Screws	Kg
610.155.427	140x140	2	2	0,26

GRATING SQUARE COPENHAGEN



Type no.	G	H	T	Screws	Kg
610.155.521	140x140	16	2	0	0,44

GRATING SQUARE DETROIT



Type no.	G	T	Screws	Kg
610.155.428	140x140	2	2	0,25

GRATING SQUARE NEW YORK



Type no.	G	T	Screws	Kg
610.155.429	140x140	2	2	0,27

Accessories for marine drains

GRATING SQUARE OSLO



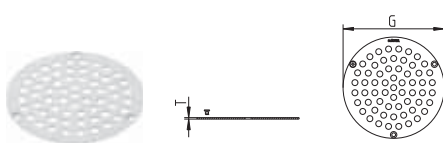
Type no.	G	T	Screws	Kg
610.155.426	140x140	2	2	0,29

GRATING SQUARE VIENNA



Type no.	G	T	Screws	Kg
610.155.421	140x140	2	2	0,33
610.155.421 S	140x140	2	2	0,33

GRATING CIRCLE VIENNA

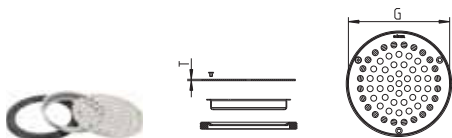


Type no.	G	T	Screws	Kg
620.135.021 S	Ø135	2	3	0,18

Accessories for marine drains

GRATING CIRCLE VIENNA

WITH SUPPORTING RING FOR WATER TRAP



Type no.	G	T	Screws	Kg
474.300.110 S	Ø135	2	3	0,20

GRATING CIRCLE, 8 MM SLOTS

FOR BAREFOOT AREAS



Type no.	G	T
620.135.028 S	Ø135	2

If the slots in the grating are to fit in a specific direction, the position of the screw holes in the drain is to be taken into account prior to installation of the drain.

REMOVABLE TWO-PART WATER TRAP TYPE 502.050



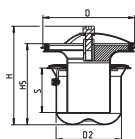
Type no.	D	H	S	D2	Max Flow (l/s)	Kg
502.050.110 MS	108	89	50	85	1.7	0,36

Fits into all drains except type 475.200 and 485.200 produced before 2008.
Accurate flow rate depending on type of drain and grating.

Accessories for marine drains

REMOVABLE MULTI WATER TRAP TYPE 503

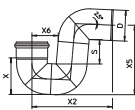
WITH CR SEALING RING, PREVENTS SMELL



Type no.	D	H	H5	S	D2	Max Flow (l/s)	Kg
503.000.110 CR	108	113	93	51	75	1.2	0,39

Accurate flow rate depending on type of drain and grating.

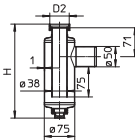
P-TRAP 87,5° TYPE 525.090



Type no.	D	S	X	X2	X5	X6	Max Flow (l/s)	Kg
525.090.050 S	50	74	67	175	145	60	1.7	0,45
525.090.075 S	75	81	93	222	189	74	2.5	0,84
525.090.110 S	110	89	132	289	249	94	3.4	1,49
525.090.125 S	125	110	158	330	292	102	4.4	1,88

Accurate flow rate depending on installation.

BOTTLE WATER TRAP TYPE 505

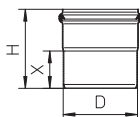


Type no.	H	D2	Kg
505.032.050 S	250	1¼	0,95
505.040.050 S	233	1½	0,85

75 mm water seal. D2 specified in inches ("). BSP thread.

Accessories for marine drains

EXTENSION PIPE TYPE 611



Type no.	D	H	X	Kg
611.300.001 S	110	117	55	0,40

MOUNTING BITS NV22

FOR NON-WELDED PENETRATIONS & DRAINS

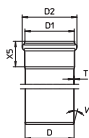


Type no.
001.900.001

Pipes

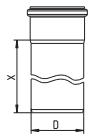
DIMENSIONAL DRAWING, SOCKET AND SPIGOT END

PIPES AND FITTINGS



Type no.	D	D1	D2	X5	T	V (°)
811.XXX.040	40	41	52	41	1	20
811.XXX.050	50	51	61	42	1	20
811.XXX.075	75	76	87	50	1	20
811.XXX.110	110	111	123	57	1	20
811.XXX.125	125	126	140	60	1	20
811.XXX.160	160	161	177	72	1.25	20
811.XXX.200	200	201	219	90	1.5	20

STRAIGHT PIPE WITH ONE SOCKET TYPE 811



Type no.	D	X	Kg
811.015.040 S	40	150	0,20
811.025.040 S	40	250	0,29
811.050.040 S	40	500	0,68
811.075.040 S	40	750	0,78
811.100.040 S	40	1000	1,02
811.150.040 S	40	1500	1,50
811.200.040 S	40	2000	1,99
811.300.040 S	40	3000	4,00
811.400.040 S	40	4000	3,92
811.500.040 S	40	5000	4,89
811.600.040 S	40	6000	5,86

811.015.050 S	50	150	0,25
811.025.050 S	50	250	0,38
811.050.050 S	50	500	0,68
811.075.050 S	50	750	1,00
811.100.050 S	50	1000	1,25
811.150.050 S	50	1500	1,90
811.200.050 S	50	2000	2,45
811.300.050 S	50	3000	3,82
811.400.050 S	50	4000	5,06
811.500.050 S	50	5000	6,31
811.600.050 S	50	6000	7,56

Continues on next page

All dimensions in mm - If Stainless Steel grade AISI 304 / EN 1.4301 is required specify type no. without suffix S

STRAIGHT PIPE WITH ONE SOCKET TYPE 811

Type no.	D	X	Kg
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811.015.075 S	75	150	0,41
811.025.075 S	75	250	0,58
811.050.075 S	75	500	1,00
811.075.075 S	75	750	1,50
811.100.075 S	75	1000	1,95
811.150.075 S	75	1500	2,75
811.200.075 S	75	2000	3,70
811.300.075 S	75	3000	5,78
811.400.075 S	75	4000	7,66
811.500.075 S	75	5000	9,54
811.600.075 S	75	6000	11,42

811.015.110 S	110	150	0,61
811.025.110 S	110	250	0,87
811.050.110 S	110	500	1,50
811.075.110 S	110	750	2,15
811.100.110 S	110	1000	2,85
811.150.110 S	110	1500	4,30
811.200.110 S	110	2000	5,40
811.300.110 S	110	3000	8,34
811.400.110 S	110	4000	11,26
811.500.110 S	110	5000	14,00
811.600.110 S	110	6000	16,78

811.015.125 S	125	150	0,70
811.025.125 S	125	250	1,01
811.050.125 S	125	500	1,78
811.075.125 S	125	750	2,55
811.100.125 S	125	1000	3,32
811.150.125 S	125	1500	4,86
811.200.125 S	125	2000	6,40
811.300.125 S	125	3000	9,47
811.400.125 S	125	4000	12,55
811.500.125 S	125	5000	15,63
811.600.125 S	125	6000	18,71

811.015.160 S	160	150	1,19
811.025.160 S	160	250	1,69
811.050.160 S	160	500	2,96
811.075.160 S	160	750	4,22
811.100.160 S	160	1000	5,48
811.150.160 S	160	1500	8,02
811.200.160 S	160	2000	10,54
811.300.160 S	160	3000	15,59
811.400.160 S	160	4000	20,64
811.500.160 S	160	5000	25,69
811.600.160 S	160	6000	30,74

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All dimensions in mm - If Stainless Steel grade AISI 304 / EN 1.4301 is required specify type no. without suffix S

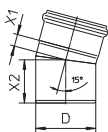
Pipes

STRAIGHT PIPE WITH ONE SOCKET TYPE 811

Type no.	D	X	Kg
Continued from previous page			
811.015.200 S	200	150	1,96
811.025.200 S	200	250	2,77
811.050.200 S	200	500	4,62
811.075.200 S	200	750	6,47
811.100.200 S	200	1000	8,32
811.200.200 S	200	2000	15,71
811.300.200 S	200	3000	23,10

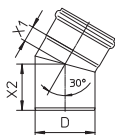
Fittings

BEND 15° TYPE 820.015



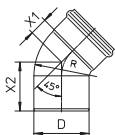
Type no.	D	X1	X2	Kg
820.015.040 S	40	15	53	0,12
820.015.050 S	50	19	53	0,15
820.015.075 S	75	21	65	0,28
820.015.110 S	110	25	78	0,47
820.015.125 S	125	19	84	0,56
820.015.160 S	160	29	99	1,08
820.015.200 S	200	31	123	1,99

BEND 30° TYPE 820.030



Type no.	D	X1	X2	Kg
820.030.040 S	40	18	55	0,13
820.030.050 S	50	23	57	0,16
820.030.075 S	75	25	70	0,28
820.030.110 S	110	33	86	0,51
820.030.125 S	125	28	98	0,63
820.030.160 S	160	40	110	1,15
820.030.200 S	200	45	137	2,20

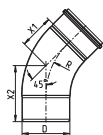
BEND 45° TYPE 820.045



Type no.	D	X1	X2	R	Kg
820.045.040 S	40	21	58	40	0,13
820.045.050 S	50	27	60	50	0,17
820.045.075 S	75	34	76	75	0,30
820.045.110 S	110	43	93	110	0,56
820.045.125 S	125	58	111	125	0,73
820.045.160 S	160	57	128	172	1,55

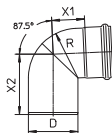
Fittings

BEND, LARGE RADIUS 45° TYPE 820.045



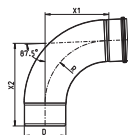
Type no.	D	X1	X2	R	Kg
820.045.200 S	200	144	234	300	4,18

BEND 87.5° TYPE 820.090



Type no.	D	X1	X2	R	Kg
820.090.040 S	40	32	79	40	0,16
820.090.050 S	50	41	87	50	0,21
820.090.075 S	75	54	108	75	0,39
820.090.110 S	110	74	136	110	0,67
820.090.125 S	125	93	161	125	1,68
820.090.160 S	160	103	184	171	2,10

BEND, LARGE RADIUS 87.5° TYPE 820.090



Type no.	D	X1	X2	R	Kg
820.090.200 S	200	307	397	300	6,41

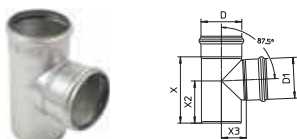
Fittings

BEND, LONG RADIUS 87.5°, 50 MM TYPE 821.000



Type no.	D	X	X1	X2	X5	Kg
821.000.050 S	50	77	26	72	120	0,30
821.000.075 S	75	90	32	86	141	0,50

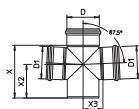
BRANCH 87.5° TYPE 830



Type no.	D	D1	X	X2	X3	Kg
830.040.040 S	40	40	101	69	30	0,22
830.040.050 S	50	40	106	71	35	0,26
830.050.050 S	50	50	106	71	35	0,27
830.050.075 S	75	50	139	98	49	0,44
830.050.110 S	110	50	132	93	66	0,64
830.075.075 S	75	75	139	90	52	0,50
830.075.110 S	110	75	152	104	69	0,76
830.075.125 S	125	75	187	110	77	0,94
830.110.110 S	110	110	183	117	69	0,88
830.110.125 S	125	110	205	127	77	1,25
830.110.160 S	160	110	236	152	93	1,83
830.125.125 S	125	125	220	135	82	1,17
830.160.160 S	160	160	288	184	104	2,40
830.160.200 S	200	160	293	186	125	3,45
830.200.200 S	200	200	333	206	128	4,17

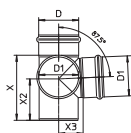
Fittings

DOUBLE BRANCH 87.5° TYPE 831



Type no.	D	D1	X	X2	X3	Kg
831.050.050 S	50	50	106	71	35	0,36
831.050.075 S	75	50	139	98	49	0,54
831.050.110 S	110	50	132	93	66	0,72
831.075.075 S	75	75	139	90	52	0,66
831.075.110 S	110	75	152	104	69	0,89
831.110.110 S	110	110	183	116	69	1,13
831.110.160 S	160	110	236	152	94	2,05
831.160.160 S	160	160	288	184	104	2,91

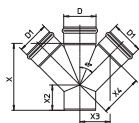
DOUBLE BRANCH 87.5° TYPE 832



Type no.	D	D1	X	X2	X3	Kg
832.050.050 S	50	50	106	71	35	0,36
832.050.075 S	75	50	139	98	49	0,54
832.050.110 S	110	50	132	93	66	0,72
832.075.075 S	75	75	139	90	52	0,66
832.075.110 S	110	75	152	104	69	0,89
832.110.110 S	110	110	183	116	69	1,13
832.110.160 S	160	110	236	152	94	2,07
832.160.160 S	160	160	288	184	104	2,91

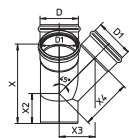
Fittings

DOUBLE BRANCH 45° TYPE 836



Type no.	D	D1	X	X2	X3	X4	Kg
836.050.050 S	50	50	128	57	54	76	0,59
836.050.075 S	75	50	144	56	66	94	0,69
836.050.110 S	110	50	147	42	84	119	0,80
836.075.075 S	75	75	183	74	78	110	1,15
836.075.110 S	110	75	182	60	95	135	1,31
836.110.110 S	110	110	233	88	105	149	2,10
836.110.125 S	125	110	250	90	110	155	1,65
836.110.160 S	160	110	258	80	131	186	2,85
836.125.125 S	125	125	273	103	120	170	2,10
836.160.160 S	160	160	331	120	156	221	5,28
836.200.200 S	200	200	415	151	194	274	5,28

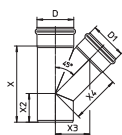
DOUBLE BRANCH 45° TYPE 837



Type no.	D	D1	X	X2	X3	X4	Kg
837.050.050 S	50	50	128	57	54	76	0,49
837.050.075 S	75	50	144	56	66	94	0,67
837.050.110 S	110	50	147	42	84	119	0,92
837.075.075 S	75	75	183	74	78	110	1,43
837.075.110 S	110	75	182	60	95	135	1,31
837.110.110 S	110	110	233	88	105	149	2,07
837.110.160 S	160	110	258	80	131	186	2,07
837.160.160 S	160	160	331	120	156	221	4,02

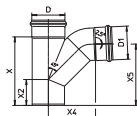
Fittings

OBLIQUE BRANCH 45° TYPE 838



Type no.	D	D1	X	X2	X3	X4	Kg
838.040.040 S	40	40	118	58	45	63	0,50
838.040.050 S	50	40	119	55	50	71	0,30
838.050.050 S	50	50	133	62	54	76	0,32
838.050.075 S	75	50	144	56	66	94	0,48
838.050.110 S	110	50	147	42	84	119	0,70
838.075.075 S	75	75	183	78	78	110	0,64
838.075.110 S	110	75	181	60	95	135	0,88
838.075.125 S	125	75	200	65	100	141	1,32
838.110.110 S	110	110	236	91	105	149	1,16
838.110.125 S	125	110	250	90	110	155	1,50
838.110.160 S	160	110	258	80	131	186	2,11
838.125.125 S	125	125	273	103	120	170	1,49
838.160.160 S	160	160	331	120	156	220	3,04
838.160.200 S	200	160	359	123	177	250	4,37
838.200.200 S	200	200	415	151	194	274	5,47

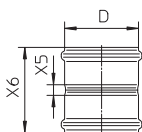
SWEPT BRANCH 87.5° TYPE 839



Type no.	D	D1	X	X2	X4	X5	Kg
839.050.050 S	50	50	133	62	84	121	0,44
839.050.075 S	75	50	144	56	97	128	0,60
839.050.110 S	110	50	147	42	115	132	0,81
839.075.075 S	75	75	183	78	114	160	0,87
839.075.110 S	110	75	182	60	130	160	1,11
839.110.110 S	110	110	236	91	161	212	1,64
839.110.160 S	160	110	258	80	186	227	2,53
839.160.160 S	160	160	331	120	223	298	4,52
839.200.200 S	200	200	415	151	428	434	15,00

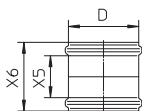
Fittings

DOUBLE COUPLING TYPE 841



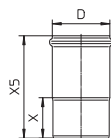
Type no.	D	X5	X6	Kg
841.040.040 S	40	20	104	0,13
841.050.050 S	50	13	97	0,15
841.075.075 S	75	20	120	0,26
841.110.110 S	110	16	130	0,45
841.125.125 S	125	20	140	0,54
841.160.160 S	160	20	162	1,05
841.200.200 S	200	20	200	1,85

DOUBLE SLIP COUPLING TYPE 842



Type no.	D	X5	X6	Kg
842.040.040 S	40	76	104	0,13
842.050.050 S	50	71	97	0,12
842.075.075 S	75	91	120	0,21
842.110.110 S	110	97	130	0,45
842.125.125 S	125	104	140	0,47
842.160.160 S	160	118	162	1,05
842.200.200 S	200	147	200	1,82

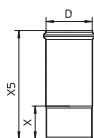
EXPANSION SOCKET TYPE 843



Type no.	D	X	X5	Kg
843.095.040 S	40	55	150	0,17
843.105.050 S	50	57	159	0,21
843.115.075 S	75	62	175	0,36
843.125.110 S	110	79	200	0,57
843.140.125 S	125	100	240	0,81
843.182.160 S	160	122	292	1,55

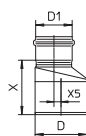
Fittings

EXPANSION SOCKET, LONG MODEL TYPE 869



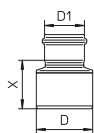
Type no.	D	X	X5	Kg
869.143.050 S	50	57	200	0,25
869.163.075 S	75	62	225	0,40
869.181.110 S	110	79	260	0,70
869.200.125 S	125	100	300	0,99
869.238.160 S	160	122	360	1,85
869.300.200 S	200	120	420	2,43

INCREASER ECCENTRIC TYPE 850



Type no.	D	D1	X	X5	Kg
850.040.050 S	50	40	85	5	0,16
850.050.075 S	75	50	87	7	0,22
850.050.110 S	110	50	114	25	0,38
850.075.110 S	110	75	116	15	0,42
850.075.160 S	160	75	178	37	1,20
850.110.125 S	125	110	109	8	0,49
850.110.160 S	160	110	140	22	1,06
850.125.160 S	160	125	138	18	0,95
850.160.200 S	200	160	165	20	1,67

INCREASER CONCENTRIC TYPE 850



Type no.	D	D1	X	Kg
850.050.075 CS	75	50	82	0,20
850.050.110 CS	110	50	94	0,30
850.075.110 CS	110	75	95	0,37
850.110.125 CS	125	110	103	0,52
850.110.160 CS	160	110	117	1,00

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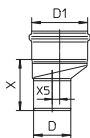
All dimensions in mm - If Stainless Steel grade AISI 304 / EN 1.4301 is required specify type no. without suffix S

Fittings

INCREASER CONCENTRIC TYPE 850

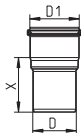
Type no.	D	D1	X	Kg
Continued from previous page				
850.125.160 CS	160	125	145	1,00
850.160.200 CS	200	160	170	1,50

REDUCER ECCENTRIC TYPE 850



Type no.	D	D1	X	X5	Kg
850.075.050 S	50	75	80	7	0,28
850.110.050 S	50	110	99	25	0,50
850.110.075 S	75	110	104	15	0,55
850.125.110 S	110	125	96	8	1,00
850.160.110 S	110	160	123	22	1,08
850.160.125 S	125	160	136	18	0,50
850.200.160 S	160	200	153	20	1,77

REDUCER CONCENTRIC TYPE 850

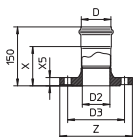


Type no.	D	D1	X	Kg
850.050.032 S	32	50	52	0,15
850.082.075 CS	75	82	94	1,00

Fittings

DIN FLANGE ADAPTOR TYPE 854.X00

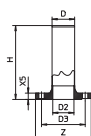
WITH SOCKET AND FLANGE PN16 DIN 2633/EN1092-1



Type no.	D	Z.	D2	D3	X	X5	Kg
854.200.040 S	40	Ø150	43	110	108	18	2,21
854.200.050 S	50	Ø150	43	110	108	19	2,10
854.200.075 S	75	Ø185	70	145	100	21	3,40
854.300.040 S	40	Ø165	55	125	108	18	2,62
854.300.050 S	50	Ø165	51	125	108	21	2,80
854.300.110 S	110	Ø220	107	180	95	23	5,00

DIN FLANGE ADAPTOR TYPE 854.X10

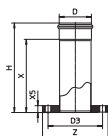
WITH SPIGOT AND FLANGE PN16 DIN 2633/EN1092-1



Type no.	D	Z.	H.	D2	D3	X5	Kg
854.210.040 S	40	Ø150	150	43	110	18	2,19
854.210.050 S	50	Ø150	234	43	110	19	2,32
854.210.075 S	75	Ø185	245	70	145	21	3,45
854.310.040 S	40	Ø165	150	55	125	18	2,60
854.310.050 S	50	Ø165	192	51	125	21	2,80
854.310.110 S	110	Ø220	259	107	180	23	5,15

ANSI FLANGE ADAPTOR TYPE 854.025

WITH SOCKET AND FLANGE ANSI B16.5



Type no.	D	Z.	H.	D3	X	X5	Kg
854.025.040 S	40	Ø152	292	121	250	19	2,56
854.025.050 S	50	Ø152	297	121	255	20	2,52
854.025.075 S	75	Ø191	305	153	255	24	4,72

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All dimensions in mm - If Stainless Steel grade AISI 304 / EN 1.4301 is required specify type no. without suffix S

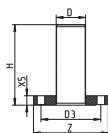
Fittings

ANSI FLANGE ADAPTOR TYPE 854.025

Type no.	D	Z.	H.	D3	X	X5	Kg
Continued from previous page							
854.025.110 S	110	Ø229	312	191	255	24	6,14
854.025.160 S	160	Ø279	328	242	255	24	6,50

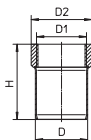
ANSI FLANGE ADAPTOR TYPE 854.035

WITH SPIGOT AND FLANGE ANSI B16.5



Type no.	D	Z.	H.	D3	X5	Kg
854.035.040 S	40	Ø152	200	121	19	2,56
854.035.050 S	50	Ø152	197	121	19	2,39
854.035.075 S	75	Ø191	205	152	24	4,52
854.035.110 S	110	Ø229	212	191	24	5,85

FEMALE ADAPTOR TYPE 885

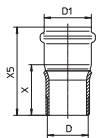


Type no.	D	D1	H.	D2	Kg
885.032.040 S	40	1¼	70	45	0,20
885.040.040 S	40	1½	73	57	0,20
885.025.050 S	50	1	93	40	0,18
885.032.050 S	50	1¼	72	48	0,17
885.040.050 S	50	1½	72	58	0,19
885.050.050 S	50	2	77	67	0,22

D1 specified in inches ("). BSP thread.

Fittings

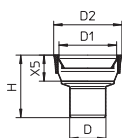
MALE ADAPTOR TYPE 886



Type no.	D	D1	X	X5	Kg
886.050.032 S	1¼	50	55	97	0,25
886.050.040 S	1½	50	56	98	0,23
886.050.050 S	2	50	56	98	0,27

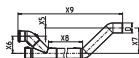
D specified in inches ("). BSP thread.

TOILET ADAPTOR STRAIGHT TYPE 855.090



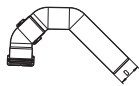
Type no.	D	D1	H.	D2	X5	Kg
855.090.075 S	75	110	129	141	54	0,42
855.090.110 S	110	110	124	141	54	0,39

TRANSPORT POCKET TYPE 873



Type no.	D	X5	X6	X7	X8	X9	Kg
873.000.050 S	50	61	93	154	809	1224	2,16
873.000.075 S	75	61	128	188	819	1344	4,63

GOOSE NECK TYPE 874

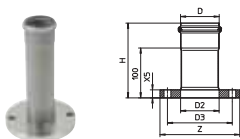


Type no.	D	Kg
874.000.050 S	50	0,78
874.000.075 S	75	1,38

Fittings

JIS FLANGE ADAPTOR TYPE 854.X45

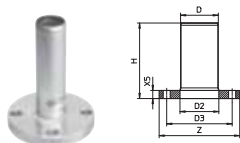
WITH SOCKET AND FLANGE JIS 5K



Type no.	JIS 5K	D	Z	H	D2	D3	X5	Kg
854.145.050 S	5K40	50	120	150	49	95	12	1,02
854.045.050 S	5K50	50	130	150	61	105	14	1,26
854.045.075 S	5K65	75	155	150	77	130	14	1,79
854.045.110 S	5K100	110	200	150	115	165	16	2,82

JIS FLANGE ADAPTOR TYPE 854.X55

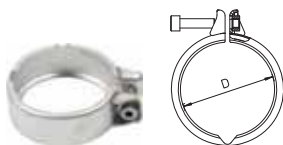
WITH SPIGOT AND FLANGE JIS 5K



Type no.	JIS 5K	D	Z	H	D2	D3	X5	Kg
854.155.050 S	5K40	50	120	234	49	95	12	1,11
854.055.050 S	5K50	50	130	192	61	105	14	1,31
854.055.075 S	5K65	75	155	245	77	130	14	1,97
854.055.110 S	5K100	110	200	259	115	165	16	3,09

Accessories

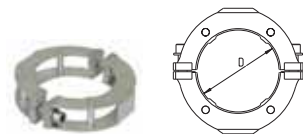
PIPE JOINT CLAMP TYPE 847



Type no.	D
847.040.040	40
847.050.050	50
847.075.075	75
847.110.110	110
847.125.125	125
847.160.160	160
847.200.200	200

Clamps are recommended to be used at each deck/bulkhead penetration and drain for marine installations.

PRESSURE PEAK PIPE JOINT CLAMP TYPE 847.001

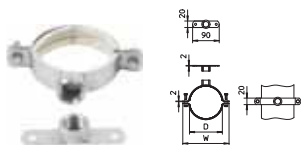


Type no.	D
847.001.040	40
847.001.050	50
847.001.075	75
847.001.110	110
847.001.125	125
847.001.160	160

If the system is designed to resist peak pressure then clamps must be fitted on all joints.
 Pipework D=40mm - D=110mm can withstand brief pressure peak up to +10 bar and D=125mm - D=160mm up to +7 bar when fitted with pressure peak pipe joint clamps

Accessories

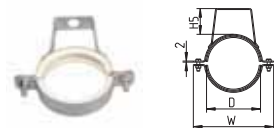
PIPE HANGER WITH EPDM RUBBER TYPE 895.012



Type no.	D	W
895.012.040 GS	40	90
895.012.050 GS	50	101
895.012.075 GS	75	126
895.012.110 GS	110	161
895.012.160 GS	160	211

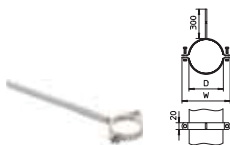
With ½" BSP thread.

PIPE HANGER WITH EPDM RUBBER TYPE 895.200



Type no.	D	H5.	W
895.200.040 S	40	38	90
895.200.050 S	50	38	101
895.200.075 S	75	54	126
895.200.110 S	110	52	161
895.200.160 S	160	71	211

PIPE HANGER WITH EPDM RUBBER TYPE 895.300



Type no.	D	W
895.300.040 GS	40	90
895.300.050 GS	50	101
895.300.075 GS	75	126
895.300.110 GS	110	161
895.300.160 GS	160	211

Accessories

PIPE HANGER WITH EPDM RUBBER TYPE 895.403

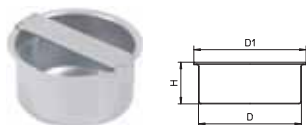
IN STAINLESS STEEL



Type no.	D	H.	W	X5	T	Nut
895.403.040 S	40	20	85	32	1.5	M8
895.403.050 S	50	20	97	41	1.5	M8
895.403.075 S	75	20	118	51	2	M8
895.403.110 S	110	20	158	72	2.5	M10
895.403.125 S	125	20	170	78	2.5	M10
895.403.160 S	160	25	233	101	2.5	M10
895.403.200 S	200	25	273	123	3	M10

D=75mm fits D=82mm as well.

SOCKET PLUG TYPE 844.000

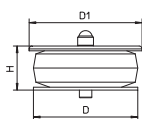


Type no.	D	D1	H.
844.000.040 S	40	50	47
844.000.050 S	50	58	50
844.000.075 S	75	85	45
844.000.110 S	110	120	45
844.000.125 S	125	135	43
844.000.160 S	160	170	45
844.000.200 S	200	210	50

Use of pipe joint clamp type 847 is necessary if any pressure in the pipe system is expected.

Accessories

SOCKET PLUG TYPE 844.100

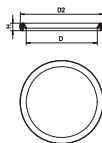


Type no.	D	D1	H.
844.100.050 S	50	59	31
844.100.075 S	75	83	36
844.100.110 S	110	118	36
845.000.160 S	160	170	45

Use of pipe joint clamp type 847 is recommended if the pressure in the pipe system is expected to exceed 0.5 bar for D<110mm and 0.3 bar for D=110mm.

EPDM LIP SEALING RING BLACK TYPE 801

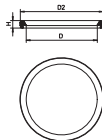
FOR STANDARD USE



Type no.	D	H	D2
801.EPDM.040	40	7.8	51.7
801.EPDM.050	50	7.8	61.8
801.EPDM.075	75	7.8	87.1
801.EPDM.110	110	8.9	124.2
801.EPDM.125	125	10.2	142.3
801.EPDM.160	160	11.5	180.1
801.EPDM.200	200	12.8	223.8

FPM LIP SEALING RING TYPE 801

FOR HIGH TEMPERATURES



Type no.	D	H	D2
801.FPM.040	40	7.8	51.7
801.FPM.050	50	7.8	61.8
801.FPM.075	75	7.8	87.1
801.FPM.110	110	8.9	124.2

Continues on next page

All dimensions in mm - If Stainless Steel grade AISI 304 / EN 1.4301 is required specify type no. without suffix S

Accessories

FPM LIP SEALING RING TYPE 801

Type no.	D	H	D2
Continued from previous page			
801.FPM.125	125	10.2	142.3
801.FPM.160	160	11.5	180.1
801.FPM.200	200	12.8	223.8

NBR LIP SEALING RING BLACK/YELLOW TYPE 801

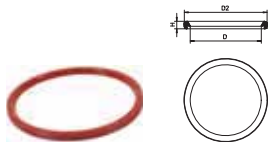
FOR USE WITH OIL



Type no.	D	H	D2
801.NBR.040	40	7.8	51.7
801.NBR.050	50	7.8	61.8
801.NBR.075	75	7.8	87.1
801.NBR.110	110	8.9	124.2
801.NBR.125	125	10.2	142.3
801.NBR.160	160	11.5	180.1
801.NBR.200	200	12.8	223.8

SI LIP SEALING TYPE 801

FOR USE IN FIRE-APPROVED PRODUCTS

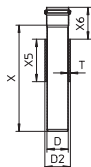


Type no.	D	H	D2
801.SI.040	40	7.8	51.7
801.SI.050	50	7.8	61.8
801.SI.075	75	7.8	87.1
801.SI.110	110	8.9	124.2
801.SI.160	160	11.5	180.1

Fittings

PENETRATION TYPE 866

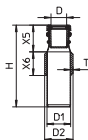
WITH SLEEVE FOR WELDING



Type no.	EC/MED (Bulkhead)	EC/MED (Deck)	D	D2	X	X5	X6	T	Kg
866.025.040.10FS	A0-A60	A0-A60	40	50	250	100	75	5	0,83
866.025.050.10FS	A0-A60	A0-A60	50	60	250	100	75	5	1,00
866.025.075.10FS	A0-A60	A0-A60	75	85	250	100	75	5	1,50
866.025.110.10FS	A0-A60	A0-A60	110	120	250	100	75	5	2,20
866.025.125.10FS	A0-A60	A0-A60	125	135	250	100	75	5	2,63
866.025.160.10FS	A0-A60	A0-A60	160	170	250	100	80	5	3,80
866.025.200.10FS		A0-A60	200	210	250	100	110	5	5,25

PENETRATION FOR WASH BASIN TYPE 866.032

WITH SLEEVE FOR WELDING

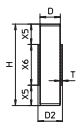


Type no.	D	D1	H	D2	X5	X6	T	Kg
866.032.050.05	32	50	173	60	57	50	5	0,60

Inlet diameter can be changed to D=40mm

TOILET PENETRATION FOR VACUUM SYSTEM TYPE 867

WITH SLEEVE FOR WELDING

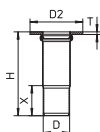


Type no.	EC/MED (Bulkhead)	EC/MED (Deck)	D	H	D2	X5	X6	T	Kg
867.020.040.10 S	A0-A60	A0-A60	40	200	50	50	100	5	0,90
867.020.050.10 S	A0-A60	A0-A60	50	200	60	50	100	5	0,90

All dimensions in mm - If Stainless Steel grade AISI 304 / EN 1.4301 is required specify type no. without suffix S

FLANGED PENETRATION TYPE 868.1

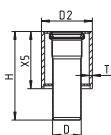
WITH FLANGE FOR WELDING



Type no.	EC/MED (Bulkhead)	EC/MED (Deck)	D	H	D2	X	T	Kg
868.100.040FS	A0-A30	A0-A60	40	152	90	55	5	0,36
868.105.050FS	A0-A30	A0-A60	50	159	100	57	5	0,40
868.115.075FS	A0-A30	A0-A60	75	175	135	62	5	0,70
868.125.110FS	A0-A30	A0-A60	110	200	160	79	5	1,00

PENETRATION TYPE 870

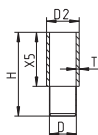
WITH SLEEVE FOR WELDING



Type no.	EC/MED (Deck)	D	H	D2	X5	T	Kg
870.000.040FS	A0-A60	40	152	90	55	5	0,36
870.000.040FS	A0-A60	50	159	100	57	5	0,40
870.000.040FS	A0-A60	75	175	135	62	5	0,70
870.000.040FS	A0-A60	110	200	160	79	5	1,00

PENETRATION TYPE 872

WITH SLEEVE FOR WELDING

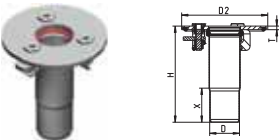


Type no.	EC/MED (Bulkhead)	EC/MED (Deck)	D	H	D2	X5	T	Kg
872.050.040 S	A0-A60	A0-A60	40	150	50	100	5	0,83
872.060.050 S	A0-A60	A0-A60	50	155	60	100	5	0,82
872.076.075 S	A0-A60	A0-A60	75	160	76	100	5	0,99
872.089.075 S	A0-A60	A0-A60	75	160	89	100	5	1,25
872.114.110 S	A0-A60	A0-A60	110	155	114	100	5	1,77

Penetrations

FLANGED PENETRATION TYPE 868.9

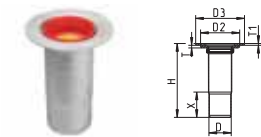
NON-WELDED



Type no.	EC/MED (Bulkhead)	EC/MED (Deck)	D	H.	D2	X	T
868.900.050FS	A0-A30	A0-A60	50	161	145	57	6
868.900.075FS	A0-A30	A0-A60	75	177	170	62	6
868.900.110FS	A0-A30	A0-A60	110	202	205	79	6

FLANGED PENETRATION TYPE 878

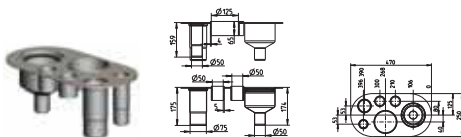
WITH BIMETAL FLANGE FOR WELDING



Type no.	EC/MED (Bulkhead)	EC/MED (Deck)	D	H.	D2	D3	X
878.105.050 S	A0-A60	A0-A60	50	166	88	110	57
878.115.075 S	A0-A60	A0-A60	75	182	113	136	62
878.125.110 S	A0-A60	A0-A60	110	207	148	172	79

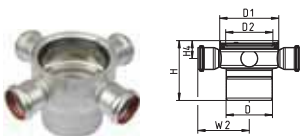
Jointing unit

GROUP PENETRATION TYPE 490.001



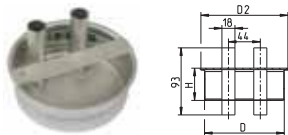
Type no.	EC/MED (Deck)	Kg
490.001.050 S	A0-A60	4,86

INTERMEDIATE SECTION FOR GROUP PENETRATION TYPE 479



Type no.	D	D1	H	H4	W2	D2	Kg
479.303.110 S	110	140	142	43	122	113	0,92

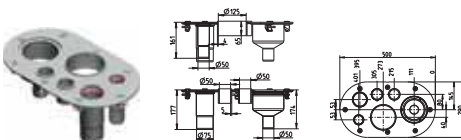
PLUG FOR GROUP PENETRATION TYPE 844.218



Type no.	D	H	D2
844.218.110 S	110	45	120

GROUP PENETRATION TYPE 490.900

NON-WELDED



Type no.	EC/MED (Deck)	Kg
490.900.050 S	A0-A60	7,70

Pipe cutters and other tools

MANUAL PIPE CUTTER

Cutting is done by a special disc cutter, which cuts and grips at the same time.

N.B.: Do not cut fittings.



Type no.	Designation
006.050.110	Manual pipe cutter (40 - 110 mm)
006.125.200	Manual pipe cutter (110 - 200 mm)
006.000.005	Spindle for 006.050.110
006.000.000	Cutting disc for 006.050.110
006.000.001	Cutting disc for 006.125.200 &

ELECTRICAL PIPE CUTTER

Cutting time:
Seconds.

Changeover time:
Changeover from one cutting disc to another can be effected within a matter of seconds.

Cutting quality:
The cutting motion has been developed to produce a bevelled leading edge to cut ends. As a result only the application of BLÜCHER jointing lubricant is required prior to jointing cut ends.

Power supply:
110 Volt/Min 2 kVA/60 Hz or 220 Volt/50 Hz.

Pipe diametres:
50-160 mm

N.B.: Do not cut fittings.



Type no.	Designation
800.050.160	Electrical pipe cutter 220 V
800.050.160 GB	Electrical pipe cutter 110 V, 16 A
800.050.160 US	Electrical pipe cutter 110 V, USA plug
800.030.006	Cutting disc
006.050.160	Support base for electrical pipe cutter

Pipe cutters and other tools

CUTTING OIL/JOINTING LUBRICANT

Jointing lubricant is applied to make jointing a simple action. After a few days the lubricant will dry out and lose its lubricity making subsequent demounting of a joint difficult. If subsequent demounting of joints can be envisaged then we can supply a silicone based lubricant that will not dry out. BLÜCHER jointing lubricant is based on a mild and harmless liquid detergent that is biologically degradable. BLÜCHER cutting oil is recommended for use with BLÜCHER® EuroPipe pipe cutters.

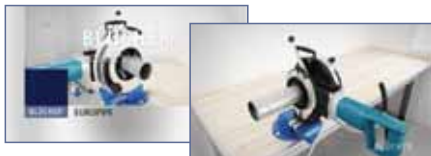


Type no.	Designation
007.000.000	Atomizer
007.100.050	Jointing lubricant 0.5 L
007.500.050	Cutting oil 0.5 L

Installation videos at www.blucher.com

As a supplement to the printed installation instructions for the BLÜCHER® products used in marine applications, the following installation videos are available at www.blucher.com (select the tab "Installation"):

BLÜCHER® EuroPipe
Cutting of pipes with
electrical pipe cutter



BLÜCHER® EuroPipe
Cutting of pipes with
manual pipe cutter



BLÜCHER® EuroPipe
Introduction to use and
applications



BLÜCHER® Drain Marine
Installation in decks



BLÜCHER® Non-welded
penetrations



Approved drainage solutions for marine applications

Safe Solutions for Marine

Since the early 1980's, BLÜCHER's sanitary discharge system for marine applications has been the first-choice sanitary discharge system for newbuilding and refitting of ships in Denmark, quickly followed by leading shipyards world-wide.

To date BLÜCHER® sanitary discharge system has been installed in more than 1000 vessels worldwide ranging from cruise liners, luxury yachts and ferries to merchant ships, naval vessels and off-shore facilities. BLÜCHER is the preferred supplier to several of the largest shipyards worldwide, among them Meyer Werft GmbH, Fincantieri, STX Europe France, STX Europe Finland, Daewoo.

Danish Design and production

Founded in Denmark in 1965, BLÜCHER has developed into a leading manufacturer of stainless steel drainage systems. Today, BLÜCHER is an international company and with subsidiaries and representations worldwide. The BLÜCHER Group employs more than 350 staff worldwide.

Customers all over the world appreciate our know-how, dedicated service and common sense.

Through quality stainless steel products and drainage solutions that lead waste water away, BLÜCHER is committed to the promise of keeping up the flow.

The BLÜCHER® drainage products are manufactured in Denmark using the most modern production methods and in accordance with the internationally recognised quality standard ISO 9001. Furthermore, the most respected classification societies endorse the BLÜCHER® drainage products worldwide.

BLÜCHER®

BLÜCHER® EuroPipe

BLÜCHER® Channel

BLÜCHER® Drain

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25055

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KEEPING UP THE FLOW