

# Mapress CuNiFe

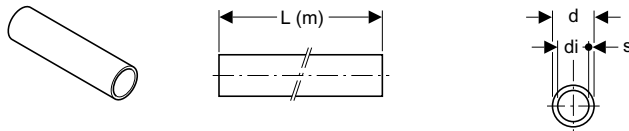
---

	Description
<b>Mapress pipes</b>	<ul style="list-style-type: none"><li>• Pipes → Page 194</li></ul>
<b>Mapress fittings</b>	<ul style="list-style-type: none"><li>• Couplings → Page 194</li><li>• Bends → Page 195</li><li>• Bends with plain ends → Page 196</li><li>• Bend adapters → Page 197</li><li>• Reducers → Page 198</li><li>• T-pieces → Page 198</li><li>• Adapters → Page 201</li><li>• Flanges → Page 202</li><li>• Pipe valve fittings → Page 203</li><li>• Bulkhead and deck passings → Page 204</li></ul>



## System pipes

### MapressCuNiFe system pipe



#### Application Purpose

- For pipe systems carrying sea water
- Not suitable for drinking water

#### Characteristics

- Noncombustible, combustible substance class A1 in acc. with DIN 4102-1
- Seamlessly drawn

#### Product Details

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
Thermal conductivity of pipe	50 W/(m·K)
Thermal expansion	0.017 mm/(m·K)

#### Scope Of Delivery

- Delivery in sections

#### Ordering Information

Article no.	dØ [mm]	diØ [mm]	s [mm]	L (m) [m]
56319	15	13	1	6
56321	22	20	1	6
56326	22	19	1,5	6
56322	28	25	1,5	6
56323	35	32	1,5	6
56324	42	39	1,5	6
56325	54	51	1,5	6
56327	76,1	72,1	2	6
56328	88,9	84,9	2	6
56329	108	104	2,5	6

## Couplings

### Coupling



#### Application Purpose

- For pipe systems carrying sea water
- Not suitable for drinking water

#### Characteristics

- Leaky if unpressed
- With pressing indicator

#### Product Details

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
------------------	---

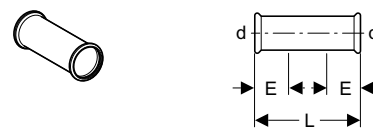
#### Scope Of Delivery

- Seal rings CIIR black

#### Ordering Information

Article no.	dØ [mm]	L [cm]	Z [cm]
67002	15	4,8	0,8
67004	22	5	0,8
67005	28	5,4	0,8
67006	35	6,2	1
67007	42	7,1	1,1
67008	54	8,3	1,3
67009	76,1	14,1	3,5
67010	88,9	16,2	4,2
67011	108	19,4	4,4

#### Slip coupling



#### Application Purpose

- For pipe systems carrying sea water
- Not suitable for drinking water

#### Characteristics

- Leaky if unpressed
- With pressing indicator

#### Product Details

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
------------------	---

#### Scope Of Delivery

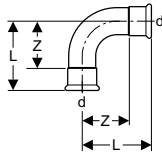
- Seal rings CIIR black

#### Ordering Information

Article no.	dØ [mm]	E [cm]	L [cm]
67102	15	2,5	8
67104	22	2,5	8,4
67105	28	3	9,1
67106	35	3	10,2
67107	42	4	12
67108	54	4	14
67109	76,1	6	23
67110	88,9	7	26
67111	108	8	31

**Bends**

**Bend 90°**



**Application Purpose**

- For pipe systems carrying sea water
- Not suitable for drinking water

**Characteristics**

- Leaky if unpressed
- With pressing indicator

**Product Details**

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
Elbow	90°

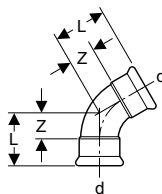
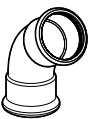
**Scope Of Delivery**

- Seal rings CIIR black

**Ordering Information**

Article no.	dØ [mm]	L [cm]	Z [cm]
68102	15	3,8	1,8
68104	22	4,7	2,6
68105	28	5,7	3,4
68106	35	6,8	4,2
68107	42	8	5
68108	54	10	6,5
68109	76,1	15,3	10
68110	88,9	17,9	11,9
68111	108	22,2	14,7

**Bend 60°**



**Application Purpose**

- For pipe systems carrying sea water
- Not suitable for drinking water

**Characteristics**

- With pressing indicator
- Leaky if unpressed
- Sea water resistant

**Product Details**

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
Elbow	60°

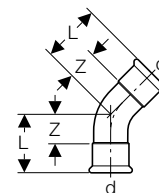
**Scope Of Delivery**

- Seal rings CIIR black

**Ordering Information**

Article no.	dØ [mm]	L [cm]	Z [cm]
68804	15	4	2
68806	22	4,7	2,6
68807	28	5,4	3,1
68808	35	5	2,4
68809	42	5,9	2,9
68810	54	7,2	3,7
68811	76,1	11,3	6
68812	88,9	13,1	7,1
68813	108	16,2	8,7

**Bend 45°**



**Application Purpose**

- For pipe systems carrying sea water
- Not suitable for drinking water

**Characteristics**

- Leaky if unpressed
- With pressing indicator

**Product Details**

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
Elbow	45°

**Scope Of Delivery**

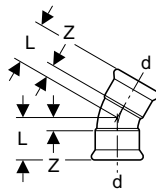
- Seal rings CIIR black

**Ordering Information**

Article no.	dØ [mm]	L [cm]	Z [cm]
67602	15	2,8	0,8
67604	22	3,2	1,1
67605	28	3,7	1,4
67606	35	4,3	1,7
67607	42	5,1	2,1
67608	54	6,2	2,7
67609	76,1	9,7	4,4
67610	88,9	11,2	5,2
67611	108	13,9	6,4



### Bend 30°



#### Application Purpose

- For pipe systems carrying sea water
- Not suitable for drinking water

#### Characteristics

- With pressing indicator
- Leaky if unpressed
- Sea water resistant

#### Product Details

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
Elbow	30°

#### Scope Of Delivery

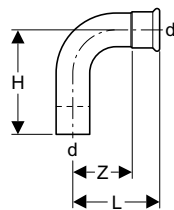
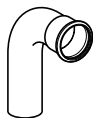
- Seal rings CIIR black

#### Ordering Information

Article no.	dØ [mm]	L [cm]	Z [cm]
68736	15	3,3	1,3
68738	22	3,7	1,6
68739	28	4,1	1,8
68740	35	3,7	1,1
68741	42	4,4	1,4
68742	54	5,2	1,7
68743	76,1	8,4	3,1
68744	88,9	9,6	3,6
68745	108	11,8	4,3

## Bends with plain ends

### Bend 90° with plain end



#### Application Purpose

- For pipe systems carrying sea water
- Not suitable for drinking water

#### Characteristics

- Leaky if unpressed
- With pressing indicator
- Plain end

#### Product Details

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
Elbow	90°

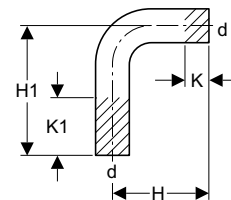
#### Scope Of Delivery

- Seal ring CIIR black

#### Ordering Information

Article no.	dØ [mm]	H [cm]	L [cm]	Z [cm]
68302	15	5,1	3,8	1,8
68304	22	6	4,7	2,6
68305	28	6,6	5,7	3,4
68306	35	7,7	6,8	4,2
68307	42	9	8	5
68308	54	11,1	10	6,5
68309	76,1	16,6	15,3	10
68310	88,9	19,4	17,9	11,9
68311	108	24	22,2	14,7

### Bend with plain ends 90°



#### Application Purpose

- For pipe systems carrying sea water
- Not suitable for drinking water

#### Product Details

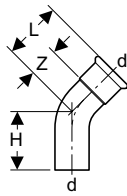
Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
Elbow	90°

#### Ordering Information

Article no.	dØ [mm]	H [cm]	H1 [cm]	K [cm]	K1 [cm]
67402	15	7	12	2,2	7,2
67404	22	7	12	0,9	5,9
67405	28	8	12	0,7	4,7
67406	35	12	20	3	11
67407	42	15	25	4,4	14,4
67408	54	20	30	6,5	16,5

Bend adapters

**Bend 45° with plain end**



**Application Purpose**

- For pipe systems carrying sea water
- Not suitable for drinking water

**Characteristics**

- Leaky if unpressed
- With pressing indicator
- Plain end

**Product Details**

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
Elbow	45°

**Scope Of Delivery**

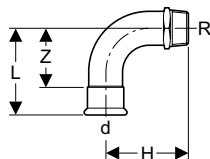
- Seal ring CIIR black

**Ordering Information**

Article no.	dØ [mm]	H [cm]	L [cm]	Z [cm]
67702	15	3,7	2,8	0,8
67704	22	4,4	3,2	1,1
67705	28	5	3,7	1,4
67706	35	5,2	4,3	1,7
67707	42	6,1	5,1	2,1
67708	54	7,3	6,2	2,7
67709	76,1	11,1	9,7	4,4
67710	88,9	13	11,2	5,2
67711	108	15,7	13,9	6,4

**Bend adapters**

**Bend adapter 90° with male thread**



**Application Purpose**

- For pipe systems carrying sea water
- Not suitable for drinking water

**Characteristics**

- Leaky if unpressed
- With pressing indicator
- Male thread

**Product Details**

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
Elbow	90°

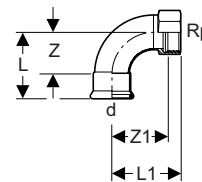
**Scope Of Delivery**

- Seal ring CIIR black

**Ordering Information**

Article no.	dØ [mm]	R ["]	H [cm]	L [cm]	Z [cm]
67515	15	1/2	7,5	3,8	1,8
67516	22	1/2	8,4	4,7	2,6
67517	22	3/4	8,8	4,7	2,6
67518	28	1	9,7	5,7	3,4
67519	35	1 1/4	11,2	6,8	4,2
67520	42	1 1/2	12,6	8	5
67521	54	2	15,3	10	6,5

**Bend adapter 90° with female thread**



**Application Purpose**

- For pipe systems carrying sea water
- Not suitable for drinking water

**Characteristics**

- Leaky if unpressed
- With pressing indicator
- Female thread

**Product Details**

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
Elbow	90°

**Scope Of Delivery**

- Seal ring CIIR black

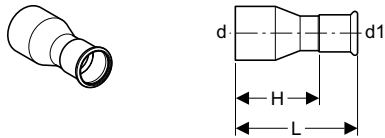
**Ordering Information**

Article no.	dØ [mm]	Rp ["]	L [cm]	L1 [cm]	Z [cm]	Z1 [cm]
67503	15	1/2	3,8	7,7	1,8	6,4
67506	22	1/2	4,7	8,6	2,6	7,3
67507	22	3/4	4,7	8,8	2,6	7,3
67508	28	1	5,7	9,7	4	7,8
67509	35	1 1/4	6,8	11	4,2	9,1
67510	42	1 1/2	8	12,3	5	10,4
67511	54	2	10	15,3	6,5	13



## Reducers

### Reducer with plain end



#### Application Purpose

- For pipe systems carrying sea water
- Not suitable for drinking water

#### Characteristics

- Leaky if unpressed
- With pressing indicator
- Plain end

#### Product Details

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
------------------	---

#### Scope Of Delivery

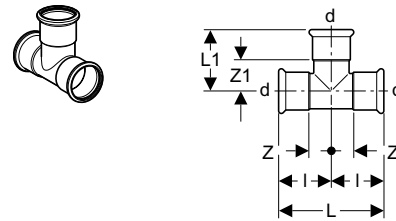
- Seal ring CIIR black

#### Ordering Information

Article no.	dØ [mm]	d1Ø [mm]	H [cm]	L [cm]
67305	22	15	3,9	5,9
67307	28	15	4,6	6,6
67309	28	22	3,9	6
67312	35	22	5	7,1
67313	35	28	4,5	6,8
67317	42	28	6	8,3
67318	42	35	4,7	7,3
67323	54	35	8	10,6
67324	54	42	5,9	8,9
67337	76,1	42	6,3	12,7
67325	76,1	54	11,1	14,6
67338	88,9	54	12,8	16,3
67327	88,9	76,1	10,7	16
67346	108	76,1	13,1	18,4
67330	108	88,9	14,4	20,4

## T-pieces

### T-piece 90° equal



#### Application Purpose

- For pipe systems carrying sea water
- Not suitable for drinking water

#### Characteristics

- Leaky if unpressed
- With pressing indicator

#### Product Details

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
Elbow	90°

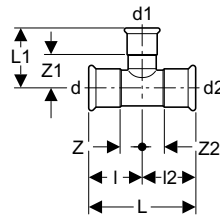
#### Scope Of Delivery

- Seal rings CIIR black

#### Ordering Information

Article no.	dØ [mm]	L [cm]	L1 [cm]	I [cm]	Z [cm]	Z1 [cm]
68002	15	6,4	4	3,2	1,2	2
68004	22	7,4	4,5	3,7	1,6	2,4
68005	28	8,4	5,1	4,2	1,9	2,8
68006	35	10	5,9	5	2,4	3,3
68007	42	11,4	6,6	5,7	2,7	3,6
68008	54	13,8	7,2	6,9	3,4	3,7
68009	76,1	23	11	11,5	6,2	5,7
68010	88,9	26	12,8	13	7	6,8
68011	108	31	15,3	15,5	8	7,8

T-piece 90° reduced



Application Purpose

- For pipe systems carrying sea water
- Not suitable for drinking water

Characteristics

- Leaky if unpressed
- With pressing indicator
- Reduced

Product Details

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
Elbow	90°

Scope Of Delivery

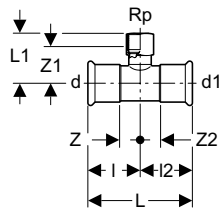
- Seal rings CIIR black

Ordering Information

Article no.	dØ [mm]	d1Ø [mm]	d2Ø [mm]	L [cm]	L1 [cm]	l [cm]	l2 [cm]	Z [cm]	Z1 [cm]	Z2 [cm]
67206	22	15	22	7,4	4,4	3,7	3,7	1,6	2,4	1,6
67209	28	15	28	8,4	4,7	4,2	4,2	1,9	2,7	1,9
67211	28	22	28	8,4	4,8	4,2	4,2	1,9	2,7	1,9
67212	35	15	35	10	4,9	5	5	2,4	2,9	2,4
67214	35	22	35	10	5,2	5	5	2,4	2,1	2,4
67215	35	28	35	10	5,5	5	5	2,4	3,2	2,4
67218	42	22	42	11,4	5,4	5,7	5,7	2,7	3,3	2,7
67219	42	28	42	11,4	5,8	5,7	5,7	2,7	3,5	2,7
67220	42	35	42	11,4	6,2	5,7	5,7	2,7	3,6	2,7
67227	54	22	54	13,8	6,1	6,9	6,9	3,4	4	3,4
67228	54	28	54	13,8	6,4	6,9	6,9	3,4	4,1	3,4
67225	54	35	54	13,8	6,8	6,9	6,9	3,4	4,2	3,4
67226	54	42	54	13,8	7,2	6,9	6,9	3,4	4,2	3,4
67229	76,1	22	76,1	23	7,7	11,5	11,5	6,2	5,6	6,2
67230	76,1	28	76,1	23	7,9	11,5	11,5	6,2	5,6	6,2
67231	76,1	35	76,1	23	8,1	11,5	11,5	6,2	5,5	6,2
67252	76,1	42	76,1	23	8,1	11,5	11,5	6,2	5,1	6,2
67253	76,1	54	76,1	23	8,7	11,5	11,5	6,2	5,2	6,2
67233	88,9	22	88,9	26	8,5	13	13	7	6,4	7
67250	88,9	28	88,9	26	8,7	13	13	7	6,4	7
67251	88,9	35	88,9	26	9	13	13	7	6,4	7
67239	88,9	42	88,9	26	9,2	13	13	7	6,2	7
67260	88,9	54	88,9	26	9,3	13	13	7	5,8	7
67261	88,9	76,1	88,9	26	11,4	13	13	7	6,1	7
67244	108	22	108	31	10,3	15,5	15,5	8	8,2	8
67245	108	28	108	31	10,5	15,5	15,5	8	8,2	8
67246	108	35	108	31	10,8	15,5	15,5	8	8,2	8
67247	108	42	108	31	11	15,5	15,5	8	8	8
67248	108	54	108	31	11,3	15,5	15,5	8	7,8	8
67269	108	76,1	108	31	12,4	15,5	15,5	8	7,1	8
67270	108	88,9	108	31	13,5	15,5	15,5	8	7,5	8



T-piece 90° with female thread



Application Purpose

- For pipe systems carrying sea water
- Not suitable for drinking water

Characteristics

- Leaky if unpressed
- Female thread
- With pressing indicator

Product Details

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
Elbow	90°

Scope Of Delivery

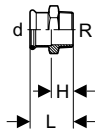
- Seal rings CIIR black

Ordering Information

Article no.	dØ [mm]	Rp ["]	d1Ø [mm]	L [cm]	L1 [cm]	l [cm]	l2 [cm]	Z [cm]	Z1 [cm]	Z2 [cm]
67344	15	1/2	15	6,4	3,7	3,2	3,2	0,8	2,4	0,8
67347	22	1/2	22	7,4	4,1	3,7	3,7	1,6	2,8	1,6
67348	22	3/4	22	7,4	4,6	3,7	3,7	1,6	3,1	1,6
67349	28	1/2	28	8,4	4,4	4,2	4,2	1,9	3,1	1,9
67350	28	3/4	28	8,4	4,6	4,2	4,2	1,9	3,1	1,9
67352	35	1/2	35	10	4,8	5	5	2,4	3,5	2,4
67353	35	3/4	35	10	5,3	5	5	2,4	4	2,4
67356	42	1/2	42	11,4	5,1	5,7	5,7	2,7	3,8	2,7
67357	42	3/4	42	11,4	5,6	5,7	5,7	2,7	4,3	2,7
67360	54	1/2	54	13,8	5,7	6,9	6,9	3,4	4,4	3,4
67361	54	3/4	54	13,8	6,2	6,9	6,9	3,4	4,9	3,4
67366	76,1	3/4	76,1	23	7,9	11,5	11,5	6,2	6,4	6,2
67369	88,9	3/4	88,9	26	8,8	13	13	7	7,3	7
67373	108	3/4	108	31	10,5	15,5	15,5	8	9	8

## Adapters

## Adapter with male thread



## Application Purpose

- For pipe systems carrying sea water
- Not suitable for drinking water

## Characteristics

- Leaky if unpressed
- With pressing indicator
- Male thread

## Product Details

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
------------------	---

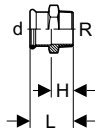
## Scope Of Delivery

- Seal ring CIIR black

## Ordering Information

Article no.	dØ [mm]	R ["]	H [cm]	L [cm]
68703	15	1/2	3,3	5,3
68715	22	1/2	3,3	5,4
68707	22	3/4	3,7	5,8
68708	28	1	4,1	6,4
68709	35	1 1/4	4,6	7,2
68710	42	1 1/2	4,7	7,7
68711	54	2	5,4	8,9

## Adapter with male thread



## Application Purpose

- For pipe systems carrying sea water
- Not suitable for drinking water

## Characteristics

- With pressing indicator
- Leaky if unpressed
- Sea water resistant
- Male thread NPT

## Product Details

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
------------------	---

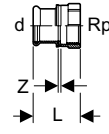
## Scope Of Delivery

- Seal ring CIIR black

## Ordering Information

Article no.	dØ [mm]	R ["]	H [cm]	L [cm]
68833	15	1/2 NPT	4,1	6,1
68837	22	3/4 NPT	4,2	6,3
68838	28	1 NPT	4,9	7,2
68839	35	1 1/4 NPT	5,2	7,8
68840	42	1 1/2 NPT	5,3	8,3
68841	54	2 NPT	5,5	9

## Adapter with female thread



## Application Purpose

- For pipe systems carrying sea water
- Not suitable for drinking water

## Characteristics

- Leaky if unpressed
- With pressing indicator
- Female thread

## Product Details

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
------------------	---

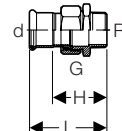
## Scope Of Delivery

- Seal ring CIIR black

## Ordering Information

Article no.	dØ [mm]	Rp ["]	L [cm]	Z [cm]
67802	15	1/2	5,5	2,2
67805	22	1/2	5,6	2,2
67806	22	3/4	5,8	2,2
67809	28	1	6,4	2,4
67811	35	1 1/4	7	2,5
67814	42	1 1/2	7,4	2,5
67818	54	2	8,9	3,1

## Adapter union with male thread



## Application Purpose

- For pipe systems carrying sea water
- Not suitable for drinking water

## Characteristics

- Leaky if unpressed
- With pressing indicator
- Male thread
- Removable, flat seal

## Product Details

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
------------------	---

## Scope Of Delivery

- Seal ring CIIR black
- EPDM flat gasket

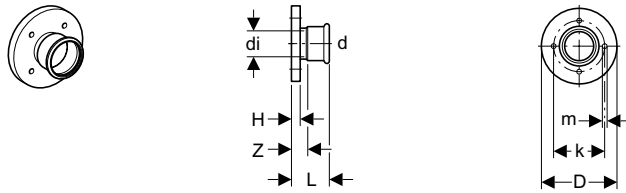
## Ordering Information

Article no.	dØ [mm]	R ["]	G ["]	H [cm]	L [cm]
67232	15	1/2	3/4	6,1	8,1
67234	22	1/2	1	6,3	8,4
67243	22	3/4	1	6,4	8,5
67235	28	1	1 1/4	7,3	9,6
67236	35	1 1/4	1 1/2	7,8	10,4
67237	42	1 1/2	1 3/4	7,9	10,9
67238	54	2	2 3/8	8,9	12,4



## Flanges

### Flange with pressing socket PN 6



#### Application Purpose

- For pipe systems carrying sea water
- Not suitable for drinking water

#### Characteristics

- Leaky if unpressed
- With pressing indicator
- With pressing socket

#### Product Details

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
------------------	---

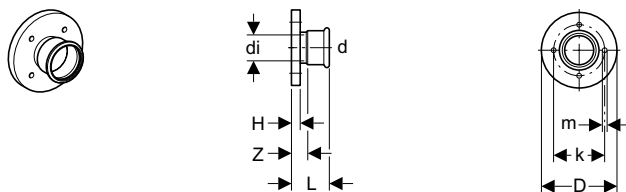
#### Scope Of Delivery

- Seal ring CIIR black
- Excluded: Set of bolts for flange
- Excluded: Flange gasket

#### Ordering Information

Article no.	dØ [mm]	diØ [mm]	D [cm]	k [cm]	m [cm]	H [cm]	L [cm]	Z [cm]
68774	15	13	8	5,5	1,1	0,6	5	3
68776	22	19	9	6,5	1,1	0,6	5,1	3
68777	28	25	10	7,5	1,1	0,8	5,9	3,6
68778	35	32	12	9	1,4	0,8	6,1	3,5
68779	42	39	13	10	1,4	0,9	7	4
68780	54	51	14	11	1,4	1,1	8,3	4,8
68781	76,1	72,1	16	13	1,4	1,3	12,3	7
68782	88,9	84,9	19	15	1,8	1,3	13,8	7,8
68783	108	104	21	17	1,8	1,6	16,6	9,1

### Flange with pressing socket PN 10 / 16



#### Application Purpose

- For pipe systems carrying sea water
- Not suitable for drinking water

#### Characteristics

- Leaky if unpressed
- With pressing indicator
- With pressing socket

#### Product Details

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
------------------	---

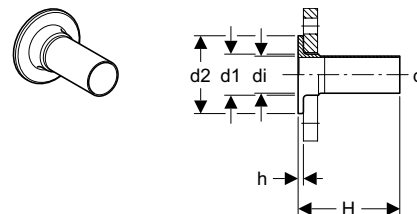
#### Scope Of Delivery

- Seal ring CIIR black
- Excluded: Set of bolts for flange
- Excluded: Flange gasket

#### Ordering Information

Article no.	dØ [mm]	diØ [mm]	D [cm]	k [cm]	m [cm]	H [cm]	L [cm]	Z [cm]
68764	15	13	9,5	6,5	1,4	0,8	5,3	3,3
68766	22	19	10,5	7,5	1,4	0,8	5,5	3,4
68767	28	25	11,5	8,5	1,4	0,9	6	3,7
68768	35	32	14	10	1,8	1	6,4	3,8
68769	42	39	15	11	1,8	1,1	7,2	4,2
68770	54	51	16,5	12,5	1,8	1,3	8,2	4,7
68771	76,1	72,1	18,5	14,5	1,8	1,3	12,1	6,8
68772	88,9	84,9	20	16	1,8	1,3	13,6	7,6
68773	108	104	22	18	1,8	1,6	16,4	8,9

### Flanged stub with plain end for loose flange PN 6



#### Application Purpose

- For loose flange
- For pipe systems carrying sea water
- Not suitable for drinking water

#### Characteristics

- Resistant to sea water
- Plain end

#### Product Details

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
------------------	---

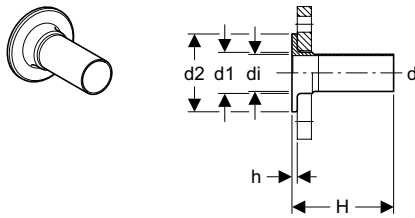
#### Scope Of Delivery

- Excluded: Loose flange
- Excluded: Set of bolts for flange
- Excluded: Flange gasket

#### Ordering Information

Article no.	dØ [mm]	d1Ø [mm]	d2Ø [mm]	diØ [mm]	H [cm]	h [cm]
68756	22	27	50	19	13,5	0,6
68757	28	32	60	25	13,5	0,6
68758	35	40	70	32	13,5	0,6
68759	42	47	80	39	13,5	0,6
68760	54	59	90	51	13,5	0,8
68761	76,1	78	110	72,1	13,5	0,8
68762	88,9	91	128	84,9	13,5	1
68763	108	110	148	104	13,5	1

**Flanged stub with plain end for loose flange  
PN 10 / 16**



**Application Purpose**

- For pipe systems carrying sea water
- For loose flange
- Not suitable for drinking water

**Characteristics**

- Resistant to sea water
- Plain end

**Product Details**

Product material	CuNi10Fe1.6Mn, product material no. 2.1972.11
------------------	---

**Scope Of Delivery**

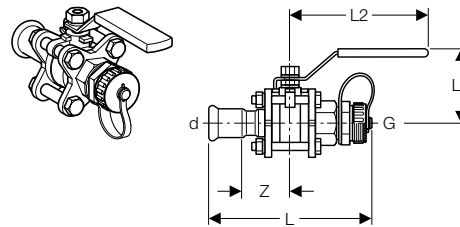
- Excluded: Loose flange
- Excluded: Set of bolts for flange
- Excluded: Flange gasket

**Ordering Information**

Article no.	dØ [mm]	d1Ø [mm]	d2Ø [mm]	diØ [mm]	H [cm]	h [cm]
68791	22	27	58	19	13,5	0,6
68793	28	32	68	25	13,5	0,6
68794	35	40	78	32	13,5	0,6
68795	42	47	88	39	13,5	0,6
68796	54	59	102	51	13,5	0,8
68797	76,1	78	122	72,1	13,5	0,8
68798	88	91	138	84,9	13,5	1
68799	108	110	158	104	13,5	1

**Pipe valve fittings**

**Mapress ball valve flanged, with hose connector**



**Characteristics**

- Connection flange made from CuNi10Fe1.6Mn
- Valve body made from CrNiMo steel
- Pressing socket made from CuNi10Fe1.6Mn
- Threaded nipple with brass sealing cap

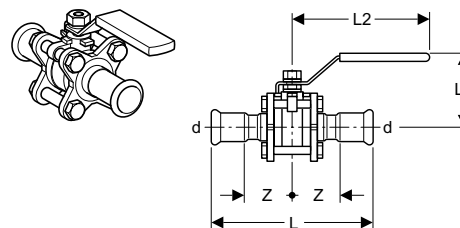
**Scope Of Delivery**

- Seal ring CIIR black

**Ordering Information**

Article no.	dØ [mm]	G ["]	L [cm]	L1 [cm]	L2 [cm]	Z [cm]	PN [bar]
92033	22	1	13,8	12,5	6	4	13

**Mapress flanged ball valve**



**Characteristics**

- Connection flange made from CuNi10Fe1.6Mn
- Valve body made from CrNiMo steel
- Leaky if unpressed
- Pressing sockets made from CuNi10Fe1.6Mn

**Scope Of Delivery**

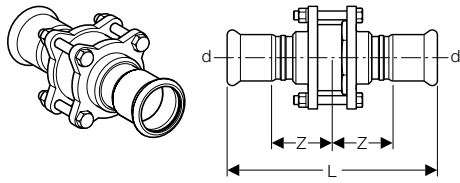
- Seal rings CIIR black

**Ordering Information**

Article no.	dØ [mm]	L [cm]	L1 [cm]	L2 [cm]	Z [cm]	PN [bar]
92000	15	12,5	10,5	5	4,3	13
92002	22	13,5	6,5	11	4,7	13
92003	28	14,7	7,5	14	5,1	13
92004	35	17,3	8	14	6,1	13
92005	42	19,6	9,5	16,5	6,8	13
92006	54	22,4	10,5	16,5	7,7	13
92007	76,1	30,1	13,5	22	9,8	10
92008	88,9	34	14,5	22	11	10
92009	108	41,8	17,5	32	13,4	10



### Mapress check valve flanged



#### Characteristics

- Connection flange made from CuNi10Fe1.6Mn
- Valve body made from CrNiMo steel
- Leaky if unpressed
- Pressing sockets made from CuNi10Fe1.6Mn

#### Scope Of Delivery

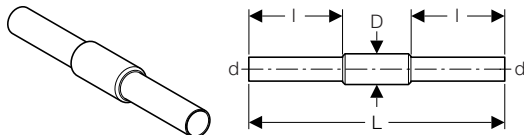
- Seal rings CIIR black

#### Ordering Information

Article no.	dØ [mm]	L [cm]	Z [cm]	PN [bar]
92010	15	13	4,5	13
92012	22	12,6	4,2	13
92013	28	13,6	4,5	13
92014	35	15,5	5,2	13
92015	42	17,9	6	13
92016	54	20,1	6,6	13
92017	76,1	27,6	8,5	10
92018	88,9	30,7	9,4	10
92019	108	38,2	11,6	10

### Bulkhead and deck passings

#### Bulkhead and deck passing with plain ends



#### Application Purpose

- For pipe systems carrying sea water
- To weld into ship bulkheads
- Not suitable for drinking water

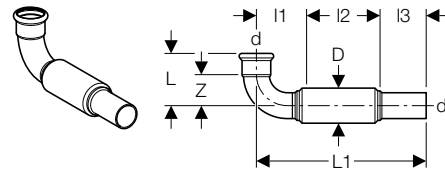
#### Product Details

Product material | CuNi10Fe1.6Mn, product material no. 2.1972.11

#### Ordering Information

Article no.	dØ [mm]	D [cm]	L [cm]	l [cm]
92080	15	2,5	45	16,5
92082	22	3,4	45	16,5
92083	28	3,8	45	16,5
92084	35	4,5	45	16,5
92085	42	5,4	45	16,5
92086	54	7	45	16,5
92087	76,1	8,9	45	16,5
92088	88,9	10,8	45	16,5
92089	108	13,3	45	16,5

#### Bulkhead and deck passing with plain end and bend 90°



#### Application Purpose

- To weld into ship bulkheads

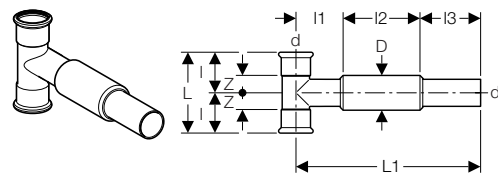
#### Product Details

Product material | CuNi10Fe1Mn, product material no. CW352H

#### Ordering Information

Article no.	dØ [mm]	D [cm]	L [cm]	L1 [cm]	I1 [cm]	I2 [cm]	I3 [cm]	Z [cm]
92094	28	3,8	5,7	23,4	5	7,9	10,5	3,4

#### Bulkhead and deck passing with plain end and T-piece



#### Application Purpose

- To weld into ship bulkheads

#### Product Details

Product material | CuNi10Fe1Mn, product material no. CW352H

#### Ordering Information

Article no.	dØ [mm]	D [cm]	L [cm]	L1 [cm]	I [cm]	I1 [cm]	I2 [cm]	I3 [cm]	Z [cm]
92093	28	3,8	8,4	20	4,2	3	12	5	1,9