

## PURPOSE OF USE

Channel covers for MEA drainage channels, as part of a drainage system to catch, transport and evacuate rainwater from adjoining surfaces.

Stainless steels form a dense chromium oxide layer (passive layer) under the influence of oxygen to protect against corrosion. Contamination by environmental influences, such as rust film, Sulphur dioxides, soot particles, road salt, table salt, chloride-containing aqueous liquids, can lead to permanent damage of the protective layer.

It is therefore imperative to clean stainless steel products regularly. Under no circumstances should normally steel wool or steel brushes be used for cleaning, as abrasion can cause extraneous rust to form.

We recommend cleaning with steam cleaners and/or steel-free brushes, using suitable (hydrochloric acid-free) stainless steel cleaners.

\*\*) Not suitable for the diagonal or transverse travel of motorways and highways.

# MEA 100 CLIPFIX CHANNEL COVERS

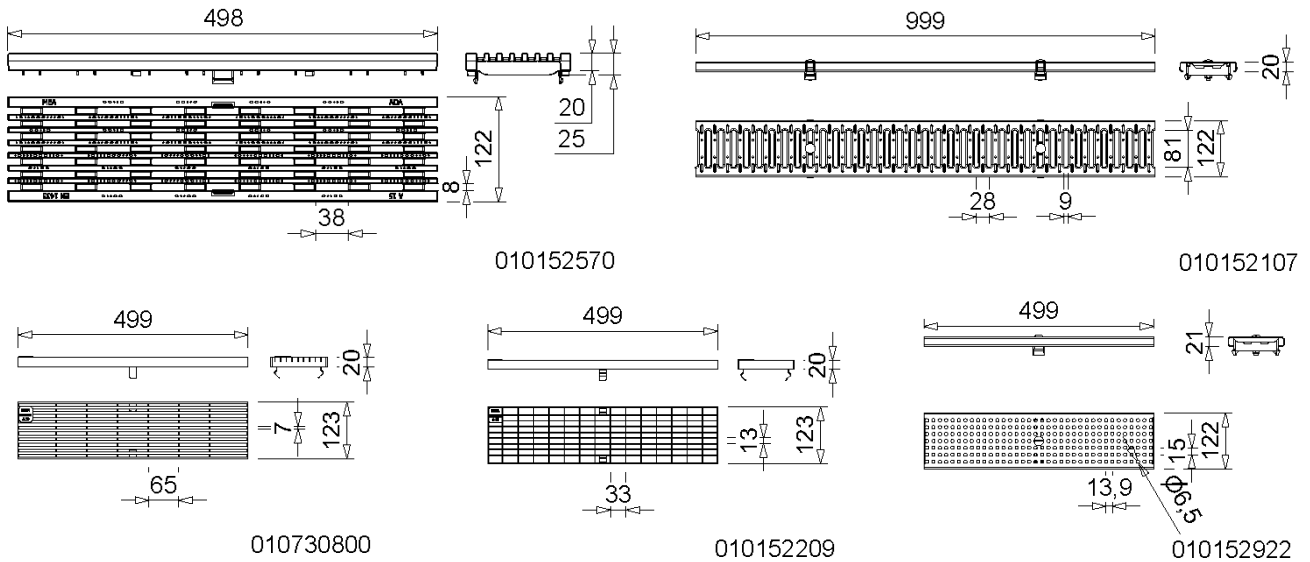
A 15, B 125, C 250, D 400\*\*, E 600\*\*

CW 100

BUILDING SUCCESS

## MEA 100 CLIPFIX CHANNEL COVERS

With non-bolted CLIPFIX channel cover securement, with and without longitudinal shift protection. Suitable for the systems **MEARIN PLUS/EXPERT 1000**, **MEARIN PLUS F 1000**, **MEAHOME PLUS**, **MEAFUID 1000**, **MEAPARK**, **MEADRAIN SV/SE/SG 1000** and **MEADRAIN SVF/SEF 1000**. For drainage channel body and silt box, total width of grates 122 mm. Loading classes A 15 to E 600\*\* according to EN 1433.



## MEA 100 CHANNEL COVERS, LOADING CLASS A 15 WITH NON-BOLTED CLIPFIX CHANNEL COVER SECUREMENT

Designation	Ord. No.	Material	Length [mm]	Inlet sect. area Ø cm <sup>2</sup> /m above	kg/unit
MEA 100 Plastic longitudinal bar grating-A-0.5 m 39/7.7 CXL, black, heelguard	010152570	PP	500	159	0,40
MEA 100 Plastic longitudinal bar grating-A-0.5 m 39/7.7 CXL, grey, heelguard	010152572	PP	500	159	0,40
MEA 100 Galv. slotted grating-A 15-1 m 10/85 CX	010152107	Galv. steel	1000	280	1,42
MEA 100 Galv. slotted grating-A 15-0.5 m 10/85 CX	010152109	Galv. steel	500	280	0,85
MEA 100 Galv. longitudinal bar grating-A 15-1 m CX	010730798	Galv. steel	1000	609	2,87
MEA 100 Galv. longitudinal bar grating-A 15-0.5 m CX	010730800	Galv. steel	500	609	1,49
MEA 100 Galv. mesh grating-A 15-1 m 30/10 CX	010152204	Galv. steel	1000	845	2,48
MEA 100 Galv. mesh grating-A 15-0.5 m 30/10 CX	010152209	Galv. steel	500	845	1,25
MEA 100 Galv. perforated grating-A 15-1 m Ø 6 mm CX, heelguard *)	010152920	Galv. steel	1000	170	1,75
MEA 100 Galv. perforated grating-A 15-0.5 m Ø 6 mm CX, heelguard *)	010152922	Galv. steel	500	170	0,95
MEA 100 Stainl.steel slotted grating-A 15-1 m 10/85 CX *)	010152223	Edelstahl	1000	280	1,42
MEA 100 Stainl.steel slotted grating-A 15-0.5 m 10/85 CX *)	010152225	Edelstahl	500	280	0,87
MEA 100 Stainl.steel longitudinal bar grating-A 15-1 m CX *)	010730802	Edelstahl	1000	609	2,73
MEA 100 Stainl.steel longitudinal bar grating-A 15-0.5 m CX *)	010730804	Edelstahl	500	609	1,35
MEA 100 Stainl.steel mesh grating-A 15-1 m 30/10 CX *)	010730334	Edelstahl	1000	845	2,20
MEA 100 Stainl.steel mesh grating-A 15-0.5 m 30/10 CX *)	010730336	Edelstahl	500	845	1,40
MEA 100 Stainl. steel perforated grating-A 15-1 m Ø 6 mm CX, heelguard *)	010152924	Edelstahl	1000	170	1,75
MEA 100 Stainl. steel perforated grating-A 15-0.5 m Ø 6 mm CX, heelguard *)	010152926	Edelstahl	500	170	0,95

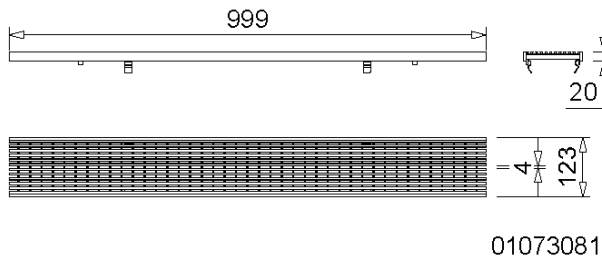
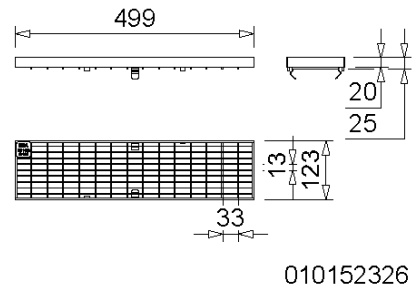
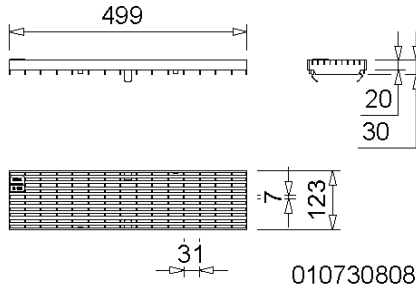
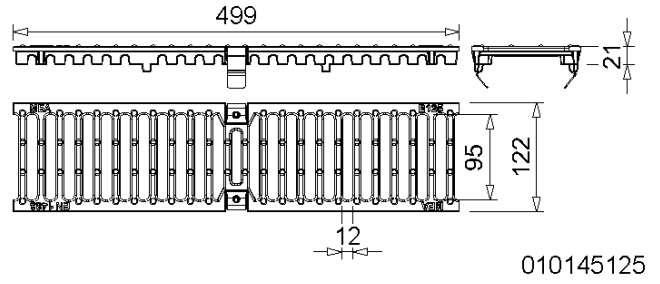
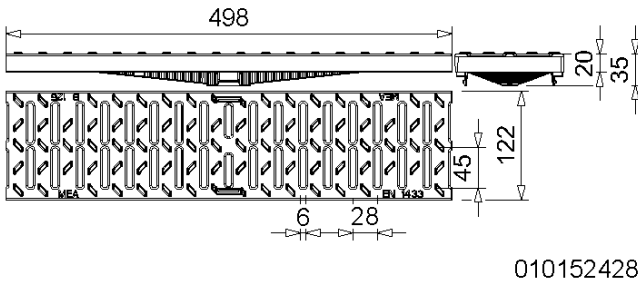
\*) Delivery time upon request

# MEA 100 CLIPFIX CHANNEL COVERS

A 15, B 125, C 250, D 400\*\*, E 600\*\*

CW 100

BUILDING SUCCESS



## MEA 100 CHANNEL COVERS, LOADING CLASS B 125 WITH NON-BOLTED CLIPFIX CHANNEL COVER SECUREMENT

Designation	Ord. No.	Material	Length [mm]	Inlet sect. area Ø cm <sup>2</sup> /m above	kg/unit
MEA 100 Ductile iron slotted grating-B 125-0.5 m 12/95 CXL *) *****)	010145125	Ductile iron	500	556	2,20
MEA 100 recycled plastic slotted grating-B 125-0.5 m 6/45 CXL, heelguard	010152428	Regranulate	500	207	0,85
MEA 100 Galv. longitudinal bar grating-B 125-1 m 31/7 CXL, heelguard	010730806	Galv. steel	1000	590	4,00
MEA 100 Galv. longitudinal bar grating-B 125-0.5 m 31/7 CXL, heelguard	010730808	Galv. steel	500	590	1,99
MEA 100 Galv. mesh grating-B 125-1 m 30/10 CXL	010152324	Galv. steel	1000	845	3,22
MEA 100 Galv. mesh grating-B 125-0.5 m 30/10 CXL	010152326	Galv. steel	500	845	1,71
MEA 100 Stainl. steel longitudinal bar grating-B 125-1 m 31/7 CXL, heelguard *)	010730810	Stainl. steel	1000	590	3,57
MEA 100 Stainl. steel longitudinal bar grating-B 125-0.5 m 31/7 CXL, heelguard *)	010730812	Stainl. steel	500	590	1,86
MEA 100 Stainl. steel (AISI 304) PRIME grating-B 125-1 m 30/5 CXL, heelguard *)	010730817	Stainl. steel	1000	436	4,50

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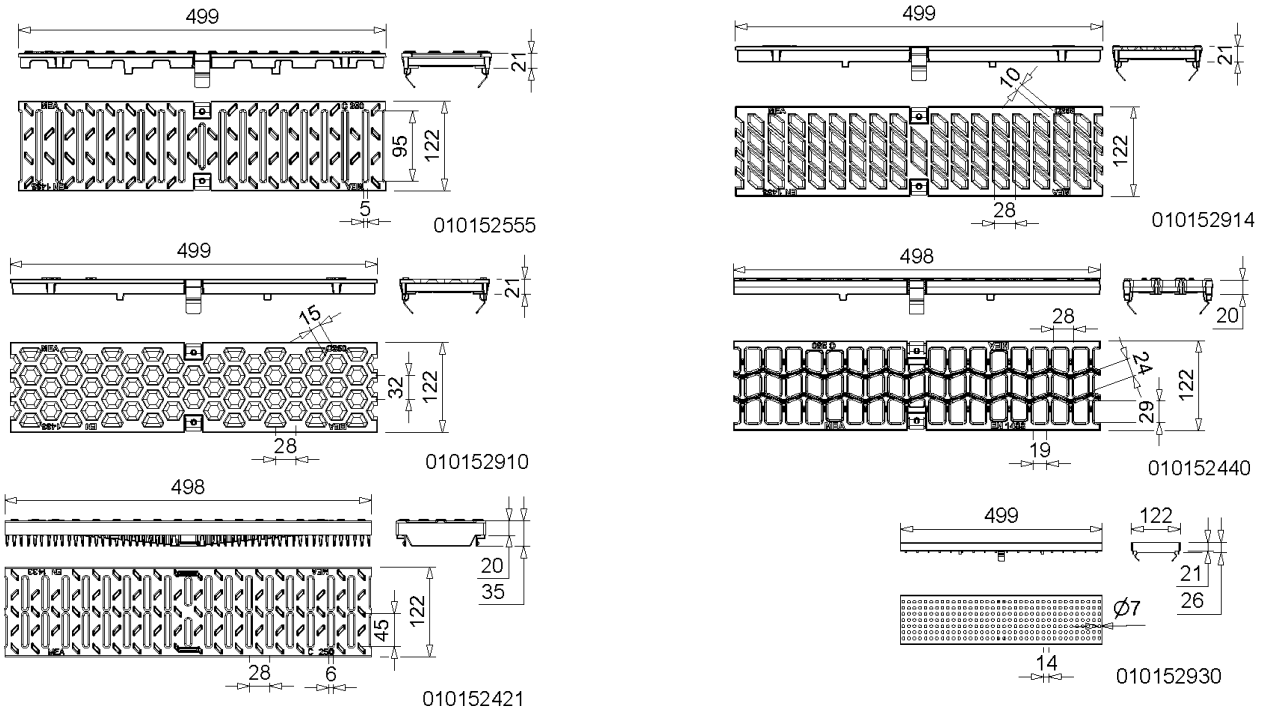
\*\*\*\*\*) The surface coating of ductile iron parts only has a temporary and cosmetic function. Ductile iron is virtually impervious to surface oxidation from environmental influences (e.g. thawing salt). Superficial rust does not constitute a product defect. Of course, the resignation of surface coating is in accordance with all corresponding standards.

# MEA 100 CLIPFIX CHANNEL COVERS

A 15, B 125, C 250, D 400\*\*, E 600\*\*

CW 100

BUILDING SUCCESS



## MEA 100 CHANNEL COVERS, LOADING CLASS C 250 WITH CLIPFIX CHANNEL COVER SECUREMENT

Designation	Ord. No.	Material	Length [mm]	Inlet sect. area Ø cm <sup>2</sup> /m above	kg/unit
MEA 100 Ductile iron slotted grating-C 250-0.5 m 10/95 CXL *) ****)	010152553	Ductile iron	500	350	3,18
MEA 100 Ductile iron slotted grating-C 250-0.5 m 5/95 CXL, heelguard *) ****)	010152555	Ductile iron	500	156	3,31
MEA 100 Design grating BAVARIA-C 250-0.5 m 10/21 CXL *) ****)	010152914	Ductile iron	500	292	2,95
MEA 100 Design grating HONEYCOMB-C 250-0.5 m 15/17 CXL *) ****)	010152910	Ductile iron	500	206	3,38
MEA 100 Ductile iron WAVE-grating-C 250-0.5 m 19/24 CXL *) ****)	010152440	Ductile iron	500	546	3,84
MEA 100 Plastic slotted grating-C 250-0.5 m 6/45 CXL, heelguard	010152421	Kunststoff	500	207	1,07
MEA 100 Galv. slotted grating-C 250-1 m 10/85 CXL	010152442	Galv. steel	1000	280	4,40
MEA 100 Galv. slotted grating-C 250-0.5 m 10/85 CXL	010152444	Galv. steel	500	280	2,10
MEA 100 Galv. mesh grating-C 250-1 m 30/10 CXL	010152328	Galv. steel	1000	857	5,92
MEA 100 Galv. mesh grating-C 250-0.5 m 30/10 CXL	010152330	Galv. steel	500	857	2,76
MEA 100 perforated grating-Ø 6 mm-C 250-galv.steel-1 m CXL, heelguard	010152928	Galv. steel	1000	170	4,11
MEA 100 perforated grating-Ø 6 mm-C 250-galv.steel-0.5 m CXL, heelguard	010152930	Galv. steel	500	170	2,05
MEA 100 Stainl. steel slotted grating-C 250-1 m 10/85 CXL *)	010152446	Stainl. steel	1000	280	4,24
MEA 100 Stainl. steel slotted grating-C 250-0.5 m 10/85 CXL *)	010152448	Stainl. steel	500	280	2,10
MEA 100 Stainl. steel longitudinal bar grating-C 250-1 m 31/7 CXL, heelguard *)	010152450	Stainl. steel	1000	590	4,48
MEA 100 Stainl. steel longitudinal bar grating-C 250-0.5 m 31/7 CXL, heelguard *)	010152452	Stainl. steel	500	590	2,86
MEA 100 Stainl.steel mesh grating-C 250-1 m 30/10 CXL *)	010152332	Stainl. steel	1000	857	5,17
MEA 100 Stainl.steel mesh grating-C 250-0.5 m 30/10 CXL *)	010152334	Stainl. steel	500	857	2,64
MEA 100 perforated grating-Ø 6 mm-C 250-stainl.steel-1 m CXL, heelguard *)	010152932	Stainl. steel	1000	170	4,11
MEA 100 perforated grating-Ø 6 mm-C 250-stainl.steel-0.5 m CXL, heelguard *)	010152934	Stainl. steel	500	170	2,05

\*) Delivery time upon request.

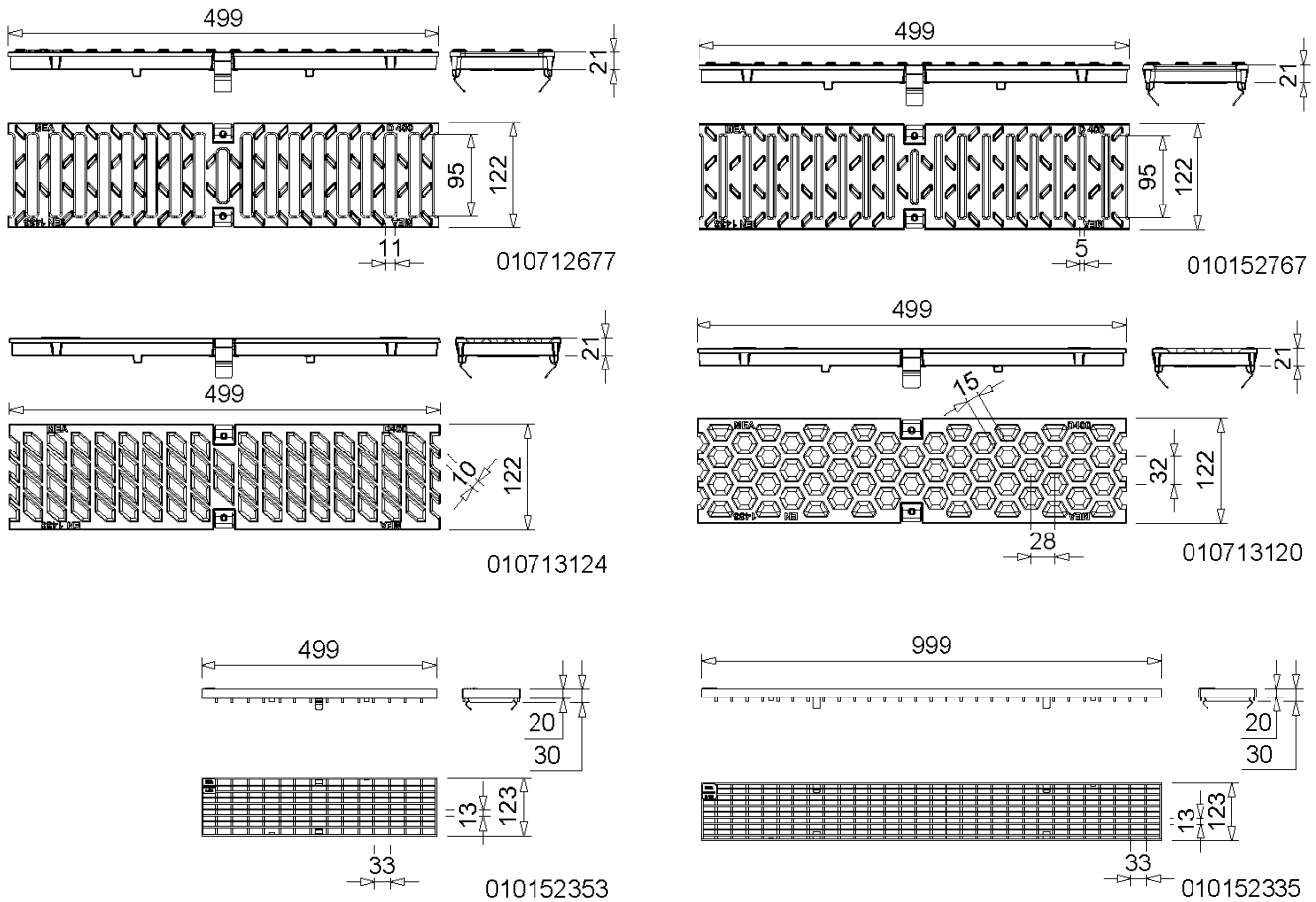
\*\*\*\*) The surface coating of ductile iron parts only has a temporary and cosmetic function. Ductile iron is virtually impervious to surface oxidation from environmental influences (e.g. thawing salt). Superficial rust does not constitute a product defect. Of course, the resignation of surface coating is in accordance with all corresponding standards.

# MEA 100 CLIPFIX CHANNEL COVERS

A 15, B 125, C 250, D 400\*\*, E 600\*\*

CW 100

BUILDING SUCCESS



## MEA 100 CHANNEL COVERS, LOADING CLASS D 400 WITH NON-BOLTED CLIPFIX CHANNEL COVER SECUREMENT \*\*)

Designation	Ord. No.	Material	Length [mm]	Inlet sect. area Ø cm²/m above	kg/unit
MEA 100 Ductile iron slotted grating-D 400-0.5 m 11/95 CXL *) **) ****)	010712677	Ductile iron	500	410	3,50
MEA 100 Ductile iron slotted grating-D 400-0.5 m 5/95 CXL, heelguard *) **) ****)	010152767	Ductile iron	500	186	4,18
MEA 100 Design grating BAVARIA-D 400-0.5 m 10/21 CXL *) **) ****)	010713124	Ductile iron	500	292	3,48
MEA 100 Design grating HONEYCOMB-D 400-0.5 m 15/17 CXL *) **) ****)	010713120	Ductile iron	500	206	3,42
MEA 100 Galv. mesh grating-D 400-1 m 30/10 CXL *) **) **)	010152335	Galv. steel	1000	845	5,90
MEA 100 Galv. mesh grating-D 400-0.5 m 30/10 CXL *) **) **)	010152337	Galv. steel	500	845	2,90
MEA 100 Stainl. steel mesh grating-D 400-1 m 30/10 CXL *) **) **)	010152351	Stainl. steel	1000	845	5,90
MEA 100 Stainl. steel mesh grating-D 400-0.5 m 30/10 CXL *) **) **)	010152353	Stainl. steel	500	845	2,90

\*) Delivery time upon request.

\*\*) Not suitable for the diagonal or transverse travel of motorways and highways.

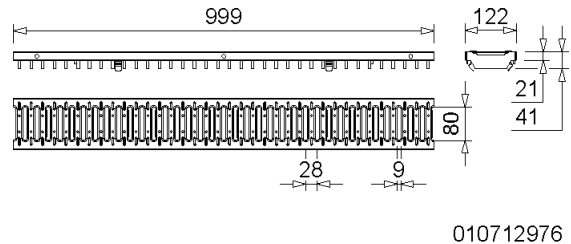
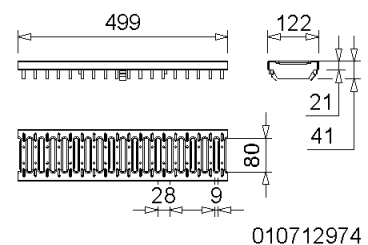
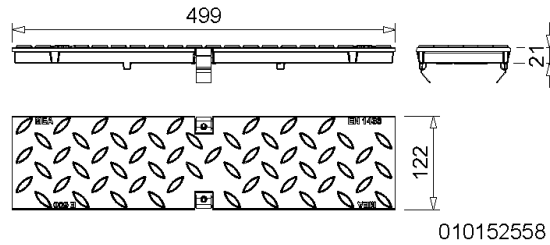
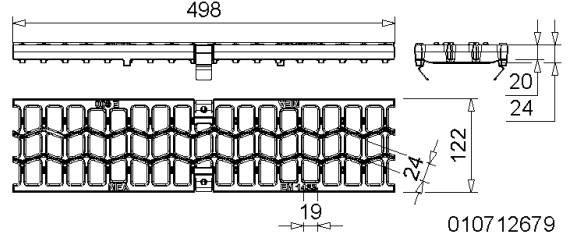
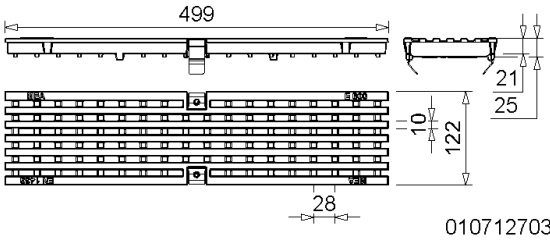
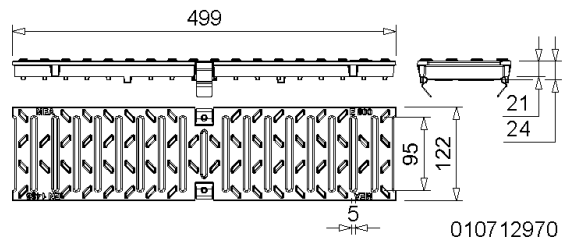
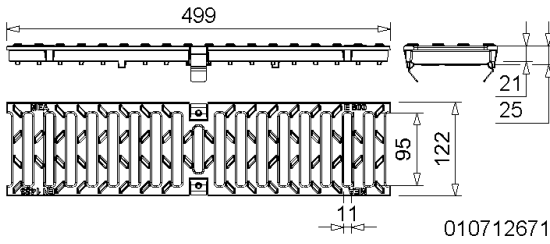
\*\*\*\*) The surface coating of ductile iron parts only has a temporary and cosmetic function. Ductile iron is virtually impervious to surface oxidation from environmental influences (e.g. thawing salt). Superficial rust does not constitute a product defect. Of course, the resignation of surface coating is in accordance with all corresponding standards.

# MEA 100 CLIPFIX CHANNEL COVERS

A 15, B 125, C 250, D 400\*\*, E 600\*\*

CW 100

BUILDING SUCCESS



## MEA 100 CHANNEL COVERS, LOADING CLASS E 600 WITH CLIPFIX CHANNEL COVER SECUREMENT \*\*)

Designation	Ord. No.	Material	Length [mm]	Inlet sect. area Ø cm <sup>2</sup> /m above	kg/unit
MEA 100 Ductile iron slotted grating-E 600-0.5 m 11/95 CXL *) **) ****)	010712671	Ductile iron	500	410	3,83
MEA 100 Ductile iron slotted grating-E 600-0.5 m 5/95 CXL, heelguard *) **) ****)	010712970	Ductile iron	500	156	4,22
MEA 100 Ductile iron longitudinal bar grating-E 600-0.5 m 19/7.7 CXL, heelguard 20) *) **) ****)	010712703	Ductile iron	500	380	3,56
MEA 100 Ductile iron WAVE- grating-E 600-0.5 m 19/24 CXL *) **) ****)	010712679	Ductile iron	500	309	4,50
MEA 100 Ductile iron solid cover-E 600-0.5 m CXL *) **) ****)	010152558	Ductile iron	500	-	4,20
MEA 100 Galv. slotted grating-E 600-1 m 10/85 CXL **)	010712972	Galv. steel	1000	280	8,70
MEA 100 Galv. slotted grating-E 600-0.5 m 10/85 CXL **)	010712974	Galv. steel	500	280	2,20
MEA 100 Stainl. steel slotted grating-E 600-1 m 10/85 CXL *) **)	010712976	Stainl. steel	1000	280	8,70
MEA 100 Stainl. steel slotted grating-E 600-0.5 m 10/85 CXL *) **)	010712978	Stainl. steel	500	280	2,20

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\*\*) Not suitable for the diagonal or transverse travel of motorways and highways.

\*\*\*\*) The surface coating of ductile iron parts only has a temporary and cosmetic function. Ductile iron is virtually impervious to surface oxidation from environmental influences (e.g. thawing salt). Superficial rust does not constitute a product defect. Of course, the resignation of surface coating is in accordance with all corresponding standards.

20) The grate corresponds to the ADA regulations (Americans Disabilities Act) for a handicapped accessible method of construction. Ideally suited for wheelchair and bicycle driving and for pedestrian traffic. Slot widths transverse to the travel direction under 13 mm. Slot widths transverse under 40 mm. Sliding-inhibiting elevations under 3 mm. Sliding-inhibiting surface (ductile iron).

**GRID HOOK**

Designation	Ord. No.	Material	kg/unit
MEADRAIN/MEARIN Grid hook	010152115	Galv. steel	0,23

**MEA 100 CLIPFIX ANTI-THEFT PROTECTION**

Designation	Ord.-Nr.	Material	kg/unit
MEA 100 CLIPFIX Anti-theft protection, bolt fixing required, 10 Pack. Cannot be used in the MEARIN PLUS F 1000.0 shallow channel. 24)	010714705	Plastic, Stainl. steel	0,60

24) The MEA anti-theft device is NOT suitable for plastic gratings and closed covers. A Phillips screwdriver with a maximum blade diameter of 4 mm must be used to screw the MEA anti-theft device for longitudinal bar gratings.

This edition of the technical data sheet shall be valid from March 2024 until a revised version is published and replaces any previous publications. The respectively current version is available for download at [www.mea-group.com](http://www.mea-group.com).

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