

MATERIAL CHARACTERISTICS

POLYMER CONCRETE	on a Polyester resin basis, with mineral fillers, additives
COMPRESSIVE STRENGTH	≥ 90 N/mm ²
BENDING STRENGTH	≥ 22 N/mm ²
ELASTICITY MODULE	25,000 – 35,000 N/mm ²
DENSITY	2,1 – 2,3 kg/dm ³
COEFFICIENT OF LINEAR EXPANSION	Approx. 1.45×10^{-5} 1/K
HEAT RESISTANCE	100°C continuous load, up to 200°C with a load duration up to 5 min.
FROST RESISTANCE	- 50 °C
WATER PENETRATION LEVEL	0 mm
WATER ABSORPTION	< 0,05% DIN 52 103 (A)
MATERIAL STRUCTURE	Capillary free

PURPOSE OF USE

Component for the line drainage of surfaces in order to collect, transport and discharge rainwater from adjacent fixed surfaces.

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

MEAKERB 320 & 500

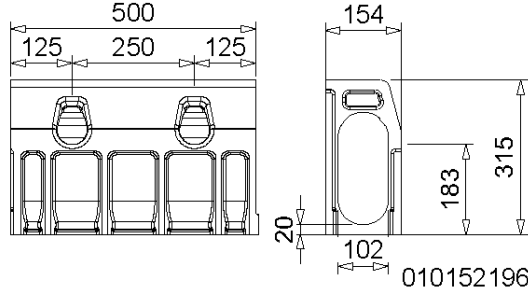
A 15, B 125, C 250, D 400**

CW 100

BUILDING SUCCESS

MEAKERB 320 POLYMER CONCRETE DRAINAGE CHANNEL ONE-PIECE KERBSTONE CHANNEL COMBINATION

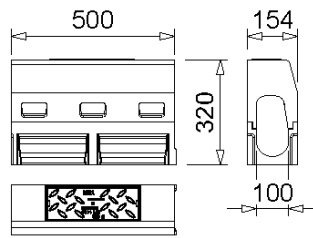
Clear width of the channel body 100 mm, total width 154 mm. Loading class D 400** following to EN 1433. Lateral inlet cross-section 197 cm²/m. Handicapped accessible slope of the drop below 6%, according to DIN 18040, part 1 and 2.



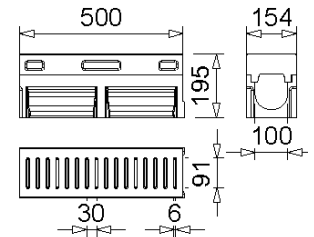
010152196

MEAKERB 320 KERBSTONE STANDARD MONOLITHIC

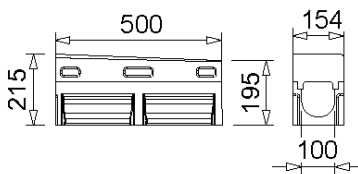
Designation	Ord. No.	Length [mm]	Height [mm]	Height 2 [mm]	kg/unit
MEAKERB 320 Kerbstone Standard monolithic	010152196	500	315	-	20,51



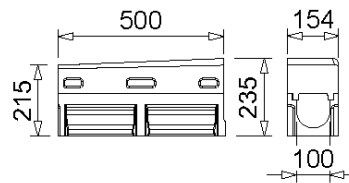
010152130



010152143



010152270



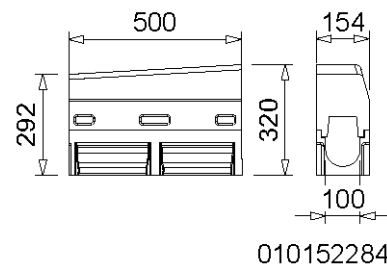
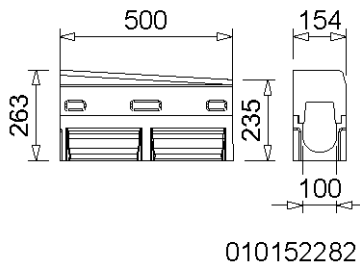
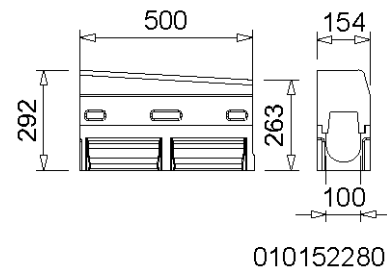
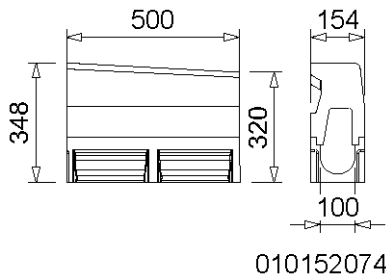
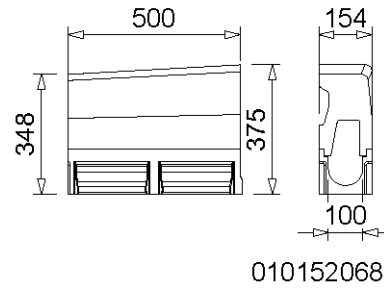
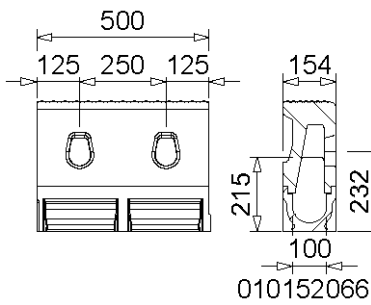
010152276

MEAKERB 320-SYSTEM, LOADING CLASSES UP TO D 400** FOLLOWING TO EN 1433

Designation	Ord. No.	Length [mm]	Height [mm]	Height 2 [mm]	kg/unit
MEAKERB 320 CS Lower kerb without inlet opening for the entry area *)	010152197	500	235	-	24,12
MEAKERB 320 AP channel element with inspection opening, incl. solid ductile iron cover	010152130	500	320	-	27,00
MEAKERB 320 CF centre element for threshold-free installation in the entrance area *)	010152143	500	195	-	16,75
MEAKERB 320 CFL/L Centre Flush lowering element -left low-as connection between low shelf CS- and sill-free center elements CF	010152270	500	215	195	20,10
MEAKERB 320 CFL/H Centre Flush lowering element -left up-as connection between low shelf CS- and sill-free center elements CF	010152272	500	235	215	22,00
MEAKERB 320 CFR/L Centre Flush lowering element -right low-as connection between low shelf CS- and sill-free center elements CF	010152274	500	195	215	20,10
MEAKERB 320 CFR/H Centre Flush lowering element -right up-as connection between low shelf CS- and sill-free center elements CF	010152276	500	215	235	22,00
MEAKERB 320 CP low side panel with inlet opening for the entrance area *)	010152149	500	235	-	24,00

*) Delivery time on demand

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



MEAKERB 320-SYSTEM, LOADING CLASSES UP TO D 400 FOLLOWING TO EN 1433**

Designation	Ord. No.	Length [mm]	Height [mm]	Height 2 [mm]	kg/unit
MEAKERB 320 BS High kerbstone for level boarding the bus *)	010152066	500	375	-	35,26
MEAKERB 320 BL/H Ramp element "left up" as connection between the ramp Standard and bus boards *)	010152068	500	347,5	375	35,48
MEAKERB 320 BL/L Ramp element "left low" as connection between the ramp Standard and bus boards *)	010152070	500	320	347,5	31,01
MEAKERB 320 BR/H Ramp element "right up" as connection between the ramp Standard and bus boards *)	010152072	500	375	347,5	35,73
MEAKERB 320 BR/L Ramp element "right low" as connection between the ramp Standard and bus boards *)	010152074	500	347,5	320	30,90
MEAKERB 320 DL/H Lowering element „left up“ connects standard- and lower shelf	010152278	500	320	292	28,70
MEAKERB 320 DL/M Lowering element „left mid“ connects standard- and lower shelf	010152280	500	292	263	26,10
MEAKERB 320 DL/L Lowering element „left low“ connects standard- and lower shelf	010152282	500	263	235	23,60
MEAKERB 320 DR/H Lowering element „right up“ connects standard- and lower shelf	010152284	500	292	320	28,70
MEAKERB 320 DR/M Lowering element „right mid“ connects standard- and lower shelf	010152286	500	263	292	26,10
MEAKERB 320 DR/L Lowering element „right low“ connects standard- and lower shelf	010152288	500	235	263	23,60

*) Delivery time on demand

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

MEAKERB 320 & 500

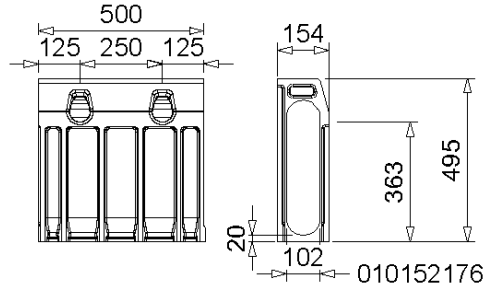
A 15, B 125, C 250, D 400**

CW 100

BUILDING SUCCESS

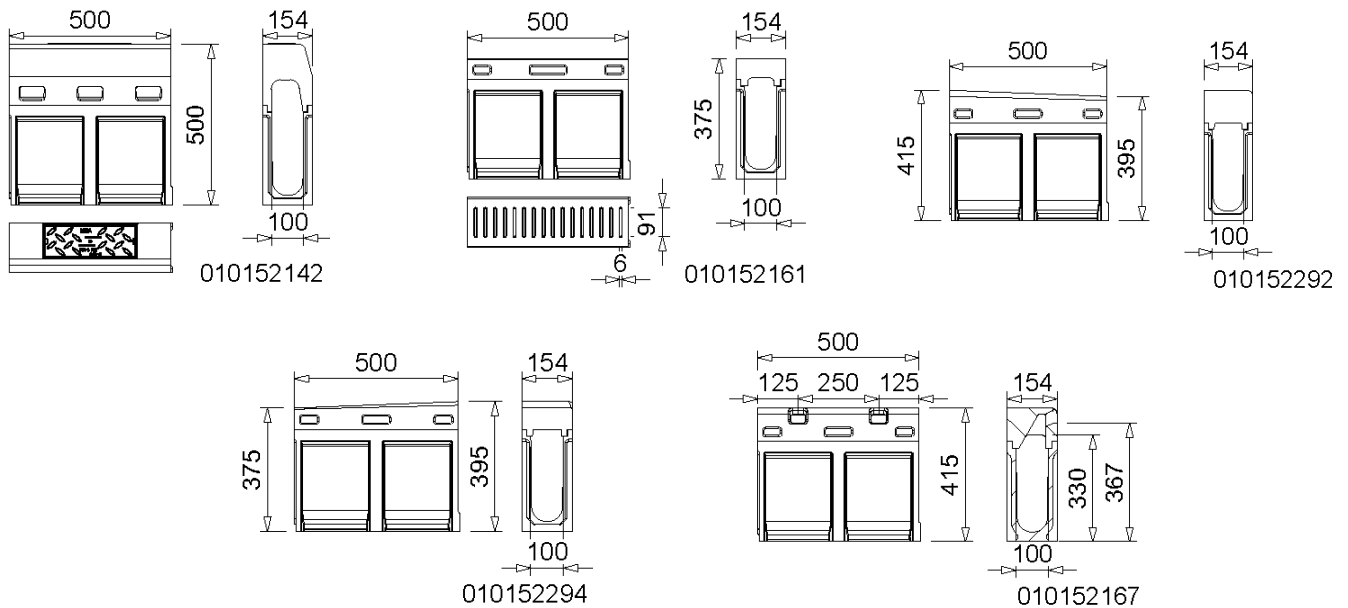
MEAKERB 500 POLYMER CONCRETE DRAINAGE CHANNEL ONE-PIECE KERBSTONE CHANNEL COMBINATION

Clear width of the channel body 100 mm, total width 154 mm. Loading class D 400** following to EN 1433. Lateral inlet cross-section 197 cm²/m. Handicapped accessible slope of the drop below 6%, according to DIN 18040, part 1 and 2.



MEAKERB 500 KERBSTONE STANDARD MONOLITHIC

Designation	Ord. No.	Length [mm]	Height [mm]	Height 2 [mm]	kg/unit
MEAKERB 500 standard monolithic kerb stone	010152176	500	500	-	28,35



MEAKERB 500-SYSTEM, LOADING CLASSES UP TO D 400** FOLLOWING TO EN 1433

Designation	Ord. No.	Length [mm]	Height [mm]	Height 2 [mm]	kg/unit
MEAKERB 500 CS Low kerb without inlet opening for the entry area	010152198	500	415	-	32,50
MEAKERB 500 AP Standard kerb stone with inspection opening incl. solid ductile iron cover	010152142	500	500	-	36,33
MEAKERB 500 CF Centre Flush Central element for the threshold-free installation in the entry area	010152161	500	375	-	24,00
MEAKERB 500 CFL/L Centre Flush lowering element -left low-as connection between lower shelf CS- and sill-free center elements CF	010152290	500	395	375	28,30
MEAKERB 500 CFL/H Centre Flush lowering element -left up-as connection between lower shelf CS- and sill-free center elements CF	010152292	500	415	395	30,20
MEAKERB 500 CFR/L Centre Flush lowering element -right low-as connection between lower shelf CS- and sill-free center elements CF	010152294	500	375	395	28,30
MEAKERB 500 CFR/H Centre Flush lowering element -right up-as connection between lower shelf CS- and sill-free center elements CF	010152296	500	395	415	30,20
MEAKERB 500 CP Centre Stone Perforated low kerb element with inlet opening for the entry area	010152167	500	415	-	31,00

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

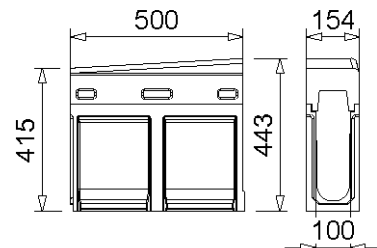
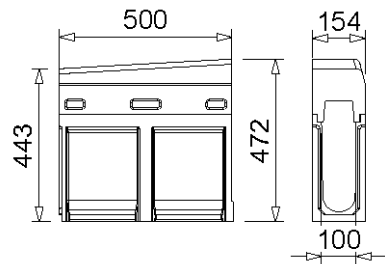
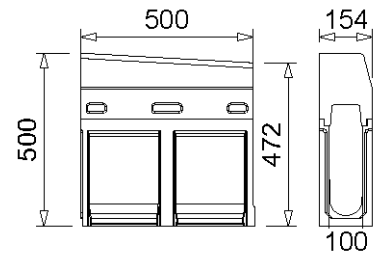
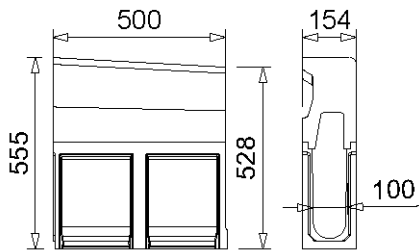
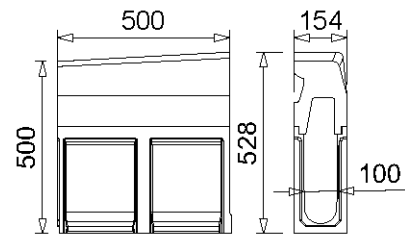
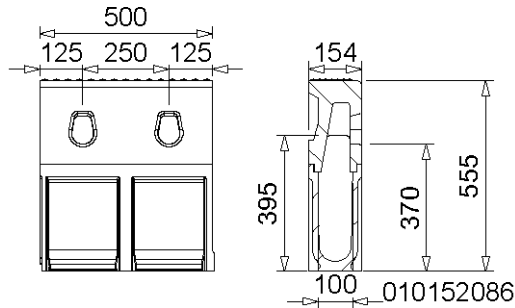
MEAKERB 320 & 500

A 15, B 125, C 250, D 400**

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BUILDING SUCCESS



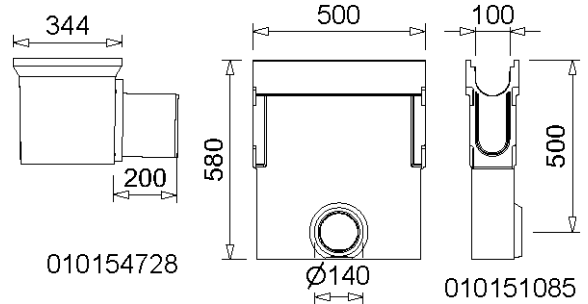
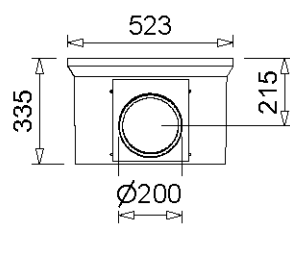
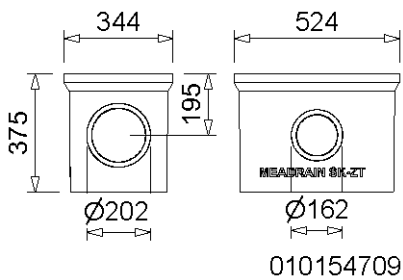
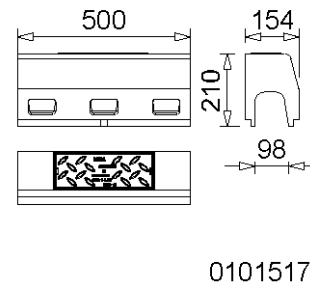
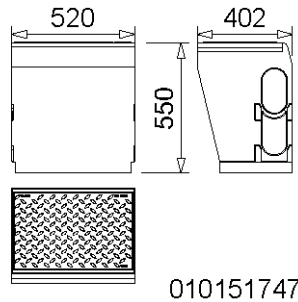
MEAKERB 500-SYSTEM, LOADING CLASSES UP TO D 400** FOLLOWING TO EN 1433

Designation	Ord. No.	Length [mm]	Height [mm]	Height 2 [mm]	kg/unit
MEAKERB 500 BS Busstop High kerb stone for the level to board the bus	010152086	500	555	-	42,50
MEAKERB 500 BL/H Ramp element left high as a connection between standard and bus kerbs	010152088	500	555	527,5	42,80
MEAKERB 500 BL/L Ramp element left low as a connection between standard and bus kerbs	010152090	500	527,5	500	38,30
MEAKERB 500 BR/H Ramp element right high as a connection between standard and bus kerbs	010152092	500	555	527,5	42,80
MEAKERB 500 BR/L Ramp element right low as a connection between standard and bus kerbs	010152094	500	527,5	500	38,30
MEAKERB 500 DL/H Lowering element „left up“ connects standard- and lower shelf	010152298	500	500	472	36,80
MEAKERB 500 DL/M Lowering element „left mid“ connects standard- and lower shelf	010152300	500	472	443	34,30
MEAKERB 500 DL/L Lowering element „left low“ connects standard- and lower shelf	010152302	500	443	415	31,70
MEAKERB 500 DR/H Lowering element „right up“ connects standard- and lower shelf	010152304	500	500	472	36,80
MEAKERB 500 DR/M Lowering element „right mid“ connects standard- and lower shelf	010152307	500	472	443	34,30
MEAKERB 500 DR/L Lowering element „right low“ connects standard- and lower shelf	010152309	500	443	415	31,70

*) Delivery time on demand

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

ACCESSORIES FOR ONE-PIECE KERBSTONE CHANNEL COMBINATION



MEAKERB 320 / 500 GULLY

Designation	Ord. No.	Length [mm]	Height [mm]	kg/unit
MEAKERB G-UP Gully upper part including solid cover *)	010151747	520	550	71,35
MEAKERB AP Gully upper part including solid ductile iron cover	010151746	500	210	20,57
MEAKERB EK.UT Gully bottom part with plastic sediment bucket	010151085	500	580	28,00
MEA SK-ZT Gully intermediate part made of polymer concrete for a height extension	010154709	524	375	23,31
MEA SK-UT short Gully lower part, with integrated drain outlet Ø 160 mm	010154726	524	335	25,16
MEA SK-UT short Gully lower part, with integrated drain outlet Ø 200 mm	010154728	524	335	27,00
MEA Gully plastic sediment bucket-short for gully with upper and lower part	010154714	-	-	1,90
MEA Gully plastic sediment bucket-long for gully with upper, intermediate and lower part *)	010154718	-	-	2,50

MEAKERB 320 / 500 EXPANSION JOINT DISC LARGE *)

Designation	Ord. No.	Material	kg/unit
MEAKERB 320/500 Expansion joint disc large *)	010151799	Rubber, Recyclat	0,32

*) Delivery time on demand

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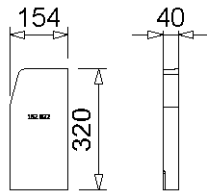
MEAKERB 320 & 500

A 15, B 125, C 250, D 400**

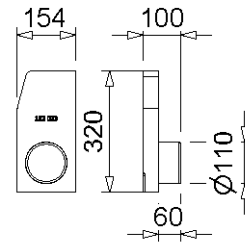
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BUILDING SUCCESS



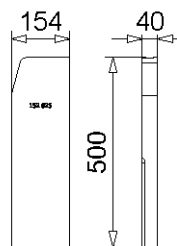
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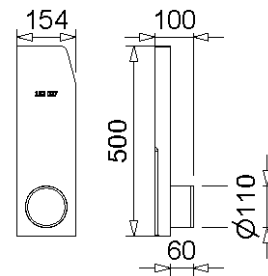
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MEAKERB 320 END CAPS

Designation	Ord. No.	Material	kg/unit
MEAKERB 320.SE End cap closed for channel start/end	010152022	Polymer concrete	4,10
MEAKERB 320.R End cap with connector Ø 110 mm - right	010152023	Polymer concrete	3,70
MEAKERB 320.L End cap with connector Ø 110 mm - left	010152024	Polymer concrete	3,61



010152025



010152027

MEAKERB 500 STIRNPLATTEN

Designation	Ord. No.	Material	kg/unit
MEAKERB 500.SE End cap closed for channel start/end	010152025	Polymer concrete	6,70
MEAKERB 500.R End cap with connector Ø 110 mm - right	010152026	Polymer concrete	6,00
MEAKERB 500.L End cap with connector Ø 110 mm - left	010152027	Polymer concrete	6,00

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This edition of the technical data sheet is valid from August 2023 until the publication of a revised version and replaces earlier publications. The current version is available for download at www.mea-group.com.

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