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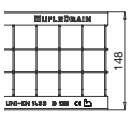

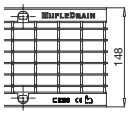

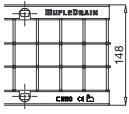
SMART

		CHANNELS						
		CODE	PRICE €	MATERIAL	EXTERNAL DIMENSIONS L x l x h mm	PREINSTALLED DRAINS	PACKAGE/PIECES	AVAILABILITY
100/160		701000	43,42	HD-PE galvanised steel frame	1000 x 158 x 215	side bottom 2 x Ø 110 1 x Ø 110	84	yes
		Channel SMART 100/160 Hd/Pe + Galvanised Steel Angle Frame = C250 EN1433-Type M						
		701008	103,93	HD-PE stainless steel frame	1000 x 158 x 215	side bottom 2 x Ø 110 1 x Ø 110	84	on request
		Channel SMART 100/160 Hd/Pe + Stainless Steel Angle Frame = C250 EN1433-Type M						
100/100		701001	42,60	HD-PE galvanised steel frame	1000 x 158 x 155	side bottom 2 x Ø 63 1 x Ø 110	112	yes
		Channel SMART 100/100 Hd/Pe + Galvanised Steel Angle Frame = C250 EN1433-Type M						
		701009	103,11	HD-PE stainless steel frame	1000 x 158 x 155	side bottom 2 x Ø 63 1 x Ø 110	112	on request
		Channel SMART 100/100 Hd/Pe + Stainless Steel Angle Frame = C250 EN1433-Type M						
100/80		701002	40,49	HD-PE galvanised steel frame	1000 x 158 x 121	side bottom 2 x Ø 63 1 x Ø 100; 1 x Ø 110 ¹	140	yes
		Channel SMART 100/80 Hd/Pe + Galvanised Steel Angle Frame = C250 EN1433-Type M						
		701010	101,00	HD-PE stainless steel frame	1000 x 158 x 121	side bottom 2 x Ø 63 1 x Ø 100; 1 x Ø 110 ¹	140	on request
		Channel SMART 100/80 Hd/Pe + Stainless Steel Angle Frame = C250 EN1433-Type M						
100/55		701003	40,34	HD-PE galvanised steel frame	1000 x 158 x 96	side bottom 2 x Ø 40 1 x Ø 100; 1 x Ø 110 ¹	84	yes
		Channel SMART 100/55 Hd/Pe + Galvanised Steel Angle Frame = C250 EN1433-Type M						
		701011	100,85	HD-PE stainless steel frame	1000 x 158 x 96	side bottom 2 x Ø 40 1 x Ø 100; 1 x Ø 110 ¹	84	on request
		Channel SMART 100/55 Hd/Pe + Stainless Steel Angle Frame = C250 EN1433-Type M						

N.B. Watertightness: to make sure the channels are watertight, we recommend using sealant SHELL TIXOFALT code 500345 € 25.18.

¹ For drainage purposes use the drain gate with outlet kit (available in two versions Ø 100 and Ø 110).

N.B. The above-mentioned drawings and dimensions are given for explanation purposes only.

STEEL GRATINGS								
	CODE	PRICE €	MATERIAL	EXTERNAL DIMENSIONS L x l x h mm	FIXING SYSTEM	PACKAGE/PIECES	AVAILABILITY	
 B 125 	502126	39,85	galvanised steel	998 x 148 x 20	tie-rod no fixing ³	-	yes	
	502138	31,88	galvanised steel	498 x 148 x 20		-	on request	
	Grating VIP20 100 Mesh (33x15) Galvanised Steel B125-EN1433							
	502150	184,52	stainless steel	998 x 148 x 20	tie-rod no fixing ³	-	on request	
	502162	147,62	stainless steel	498 x 148 x 20		-	on request	
	Grating VIP20 100 Mesh (33x15) Stainless Steel B125-EN1433							
 B 250 	502127	35,77	galvanised steel	998 x 148 x 20	tie-rod no fixing ³	-	yes	
	502139	28,61	galvanised steel	498 x 148 x 20		-	on request	
	Grating VIP20 100 Mesh (33x33) Galvanised Steel B125-EN1433							
	502157	160,10	stainless steel	998 x 148 x 20	tie-rod no fixing ³	-	on request	
	502163	128,08	stainless steel	498 x 148 x 20		-	on request	
	Grating VIP20 100 Mesh (33x33) Stainless Steel B125-EN1433							
 C 250 	502152	62,92	galvanised steel	998 x 148 x 20	tie-rod no fixing ³	-	yes	
	502169	50,34	galvanised steel	498 x 148 x 20		-	on request	
	Grating VIP20 100 Mesh (33x15) Galvanised Steel C250-EN1433							
	502175	319,57	stainless steel	998 x 148 x 20	tie-rod no fixing ³	-	on request	
	502187	255,66	stainless steel	498 x 148 x 20		-	on request	
	Grating VIP20 100 Mesh (33x15) Stainless Steel C250-EN1433							
 C 250 	502151	56,99	galvanised steel	998 x 148 x 20	tie-rod no fixing ³	-	yes	
	502168	45,59	galvanised steel	498 x 148 x 20		-	on request	
	Grating VIP20 100 Mesh (33x33) Galvanised Steel C250-EN1433							
	502174	302,75	stainless steel	998 x 148 x 20	tie-rod no fixing ³	-	on request	
	502188	242,20	stainless steel	498 x 148 x 20		-	on request	
	Grating VIP20 100 Mesh (33x33) Stainless Steel C250-EN1433							

³ Up to Class C250 as per Standard EN 1433.

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SMART

DUCTILE IRON GRATINGS							
	CODE	PRICE €	MATERIAL	EXTERNAL DIMENSIONS L x l x h mm	FIXING SYSTEM	PACKAGE/PIECES	AVAILABILITY
 B 125	502112	18,52	ductile iron	498 x 148 x 20	tie-rod no fixing ³	-	yes
	Grating VIP20 100 Mesh Ductile Iron B125-EN1433-500 mm						
 C 250	502115	23,58	ductile iron	498 x 148 x 20	tie-rod no fixing ³	-	yes
	Grating VIP20 100 Mesh Ductile Iron C250-EN1433-500 mm						
 C 250	502113	23,58	ductile iron	498 x 148 x 20	tie-rod no fixing ³	-	yes
	Grating VIP20 100 Slotted (20 mm) Ductile Iron C250-EN1433-500 mm						
 C 250	502114	27,79	ductile iron	498 x 148 x 20	tie-rod no fixing ³	-	yes
	Grating VIP20 100 Slotted (6 mm) Ductile Iron C250-EN1433-500 mm						
 D 400	502116	33,58	ductile iron	498 x 148 x 20	tie-rod	-	yes
	Grating VIP20 100 Slotted (20 mm) Ductile Iron D400-EN1433-500 mm						



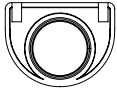
Class - D400 ductile iron gratings for SMART channels cannot be certified according to Standard EN 1433 because of the thickness of the edge subject to traffic and the contact surface, which on the contrary is suitable up to Class C250. Nevertheless the gratings passed the load tests specified for Class D400. We recommend using the combination "SMART channel + D400 - Class ductile iron grating" for transversal canalisation systems (road crossings) with low-speed vehicular traffic (max 15 km/h).

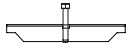
³ Up to Class C250 as per Standard EN 1433.

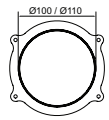
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SMART

		END CAPS						
		CODE	PRICE €	VALID FOR CHANNELS	PREINSTALLED DRAINS mm	PACKAGE/PIECES	AVAILABILITY	
100		700500	5,90	100/55	1 x Ø 40	10	yes	
		MufleDrain End-Cap Ø40 100/55 Hd/Pe						
		700508	4,54	100/55	CLOSED	10	yes	
		MufleDrain End-Cap 100/55 Closed Hd/Pe						
		700501	6,75	100/80	1 x Ø 63	10	yes	
		MufleDrain End-Cap Ø63 100/80 Hd/Pe						
		700509	5,19	100/80	CLOSED	10	yes	
		MufleDrain End-Cap 100/80 Closed Hd/Pe						
		700502	10,06	100/100	1 x Ø 63	10	yes	
		MufleDrain End-Cap Ø63 100/100 Hd/Pe						
		700510	7,74	100/100	CLOSED	10	yes	
		MufleDrain End-Cap 100/100 Closed Hd/Pe						
700503	11,58	100/160	1 x Ø 63	10	yes			
MufleDrain End-Cap Ø63 100/160 Hd/Pe								
700511	8,90	100/160	CLOSED	10	yes			
MufleDrain End-Cap 100/160 Closed Hd/Pe								

		KIT TIE-RODS + SCREWS ³					
		CODE	PRICE €	VALID FOR GRATINGS	PACKAGE/PIECES	AVAILABILITY	
100		500421	4,52	SMART galvanised steel	20 x KIT (2 tie-rods + 2 screws)	yes	
		Kit 2 Tie-rods + Screws 100 for Galvanised Steel (for 1 Mt)					
		500422	14,61	SMART stainless steel	20 x KIT (2 tie-rods + 2 screws)	on request	
		Kit 2 Tie-rods + Screws 100 for Stainless Steel (for 1 Mt)					
500423	4,98	SMART ductile iron	20 x KIT (2 tie-rods + 2 screws)	yes			
Kit 2 Tie-rods + Screws 100 for Ductile Iron (for 1 Mt)							

		KIT OUTLET + SCREWS					
		CODE	PRICE €	VALID FOR CHANNELS	DIAMETER mm	PACKAGE/PIECES	AVAILABILITY
100		506114	3,33	100/55 - 100/80	Ø 100	1 bottom outlet Ø 100 + 4 screws	yes
		Kit MufleDrain Bottom Outlet Ø 100 + Screws					
		506115	3,33	100/55 - 100/80	Ø 110	1 bottom outlet Ø 110 + 4 screws	yes
		Kit MufleDrain Bottom Outlet Ø 110 + Screws					

³ 1 ml = 2 tie-rods + 2 screws.

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SPECIAL PIECES

SMART

		LEFT CORNER				RIGHT CORNER			
		CODE	PRICE €	MODEL	AVAILABILITY	CODE	PRICE €	MODEL	AVAILABILITY
100		701100	202,36	100/160	on request	701108	202,36	100/160	on request
		90°Angle SMART 100/160 Left + Galvanised Steel Angle Frame				90°Angle SMART 100/160 Right + Galvanised Steel Angle Frame			
		701101	202,36	100/100	on request	701109	202,36	100/100	on request
		90°Angle SMART 100/100 Left + Galvanised Steel Angle Frame				90°Angle SMART 100/100 Right + Galvanised Steel Angle Frame			
		701102	202,36	100/80	on request	701110	202,36	100/80	on request
90°Angle SMART 100/80 Left + Galvanised Steel Angle Frame				90°Angle SMART 100/80 Right + Galvanised Steel Angle Frame					
		701103	202,36	100/55	on request	701111	202,36	100/55	on request
90°Angle SMART 100/55 Left + Galvanised Steel Angle Frame				90°Angle SMART 100/55 Right + Galvanised Steel Angle Frame					
150		701104	208,74	150/160	on request	701112	208,74	150/160	on request
		90°Angle SMART 150/160 Left + Galvanised Steel Angle Frame				90°Angle SMART 150/160 Right + Galvanised Steel Angle Frame			
		701105	208,74	150/100	on request	701113	208,74	150/100	on request
90°Angle SMART 150/100 Left + Galvanised Steel Angle Frame				90°Angle SMART 150/100 Right + Galvanised Steel Angle Frame					
200		701106	219,90	200/160	on request	701114	219,90	200/160	on request
		90°Angle SMART 200/160 Left + Galvanised Steel Angle Frame				90°Angle SMART 200/160 Right + Galvanised Steel Angle Frame			
		701107	219,90	200/100	on request	701115	219,90	200/100	on request
90°Angle SMART 200/100 Left + Galvanised Steel Angle Frame				90°Angle SMART 200/100 Right + Galvanised Steel Angle Frame					

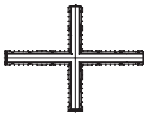
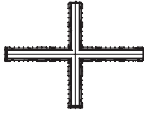

		LEFT TI				RIGHT TI			
		CODE	PRICE €	MODEL	AVAILABILITY	CODE	PRICE €	MODEL	AVAILABILITY
100		701116	308,82	100/160	on request	701124	308,82	100/160	on request
		Ti SMART 100/160 Left + Galvanised Steel Angle Frame				Ti SMART 100/160 Right + Galvanised Steel Angle Frame			
		701117	308,82	100/100	on request	701125	308,82	100/100	on request
		Ti SMART 100/100 Left + Galvanised Steel Angle Frame				Ti SMART 100/100 Right + Galvanised Steel Angle Frame			
		701118	308,82	100/80	on request	701126	308,82	100/80	on request
Ti SMART 100/80 Left + Galvanised Steel Angle Frame				Ti SMART 100/80 Right + Galvanised Steel Angle Frame					
		701119	308,82	100/55	on request	701127	308,82	100/55	on request
Ti SMART 100/55 Left + Galvanised Steel Angle Frame				Ti SMART 100/55 Right + Galvanised Steel Angle Frame					
150		701120	349,89	150/160	on request	701128	349,89	150/160	on request
		Ti SMART 150/160 Left + Galvanised Steel Angle Frame				Ti SMART 150/160 Right + Galvanised Steel Angle Frame			
		701121	349,89	150/100	on request	701129	349,89	150/100	on request
Ti SMART 150/100 Left + Galvanised Steel Angle Frame				Ti SMART 150/100 Right + Galvanised Steel Angle Frame					
200		701122	378,88	200/160	on request	701130	378,88	200/160	on request
		Ti SMART 200/160 Left + Galvanised Steel Angle Frame				Ti SMART 200/160 Right + Galvanised Steel Angle Frame			
		701123	378,88	200/100	on request	701131	378,88	200/100	on request
Ti SMART 200/100 Left + Galvanised Steel Angle Frame				Ti SMART 200/100 Right + Galvanised Steel Angle Frame					

N.B: Special pieces, Corners, Ti, Crosses in stainless steel are available upon request. For further information please contact our Technical Department.




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SPECIAL PIECES

SMART

		CROSS			
		CODE	PRICE €	MODEL	AVAILABILITY
100		701132	528,56	100/160	on request
		Cross SMART 100/160 + Galvanised Steel Angle Frame			
		701133	528,56	100/100	on request
		Cross SMART 100/100 + Galvanised Steel Angle Frame			
		701134	528,56	100/80	on request
		Cross SMART 100/80 + Galvanised Steel Angle Frame			
150		701135	528,56	100/55	on request
		Cross SMART 100/55 + Galvanised Steel Angle Frame			
		701136	617,86	150/160	on request
Cross SMART 150/160 + Galvanised Steel Angle Frame					
200		701137	617,86	150/100	on request
		Cross SMART 150/100 + Galvanised Steel Angle Frame			
		701138	651,47	200/160	on request
		Cross SMART 200/160 + Galvanised Steel Angle Frame			
		701139	651,47	200/100	on request
Cross SMART 200/100 + Galvanised Steel Angle Frame					

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		DRAIN BOX WITH SYPHON			
		CODE	PRICE €	MODEL	AVAILABILITY
100		701016	91,70	100 galvanised steel	yes
		Drain Box with Syphon SMART 100 Hd/Pe + Galvanised Steel Angle Frame=C250 EN1433-Type M			
		701019	152,21	100 stainless steel	on request
		Drain Box with Syphon SMART 100 Hd/Pe + Stainless Steel Angle Frame = C250 EN1433-Type M			
150		701017	117,07	150 galvanised steel	yes
		Drain Box with Syphon SMART 150 Hd/Pe + Galvanised Steel Angle Frame = C250 EN1433-Type			
		701020	177,58	150 stainless steel	on request
		Drain Box with Syphon SMART 150 Hd/Pe + Stainless Steel Angle Frame = C250 EN1433-Type M			
200		701018	141,24	200 galvanised steel	yes
		Drain Box with Syphon SMART 200 Hd/Pe + Galvanised Steel Angle Frame = C250 EN1433-Type			
		701021	201,75	200 stainless steel	on request
Drain Box with Syphon SMART 200 Hd/Pe Stainless Steel Angle Frame = C250 EN1433-Type M					

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