



	Page
Adapter plates for cable entry Closing plates	94
Adapter	95
Micropipe adapter	95
Protective pipe seal	95
Stepped grommet	95
Moulded transition piece (reducer)	95

General accessories

Lifting hook for manhole cover	96
Height adjustment kit	96
Cable plate	97
Customer-specific company logo	97
Fibre enclosure support/fibre enclosure bracket	97
Retrofit kit for connecting steel frame and top frame	98
Manhole ladder system	98
Hole plugs for levering holes	98
Square hole plug for cast-iron cover	98
Sealing plug for locking mechanisms	98
Strain relief	98
Locking mechanisms Overview	99
Tools for attaching manhole cover	99
Tools for disassembly	99













		Order number	Product
<p>ADAPTER PLATES FOR CABLE ENTRY</p> <ul style="list-style-type: none"> ▪ Suitable for rectangular openings ▪ Option to connect a variety of pipes with an external diameter of 40 to 125 mm ▪ Fixings included <p>CLOSING PLATES</p> <ul style="list-style-type: none"> ▪ Unused rectangular openings are closed with closing plates ▪ Can be individually cut out on site ▪ Fixings included 			
Adapter plate with 2 flexible predetermined breaking points	Ø 40–125 mm	06 568 0008	
Split adapter plates each with 2 flexible predetermined breaking points	Ø 40–125 mm	06 568 0009	
Split adapter plates each with choice of 3 openings	Ø 50 mm	06 568 0026	
Split adapter plates each with choice of 2 openings	Ø 110 mm	06 358 0081	
Adapter plate with choice of openings	Ø 110 mm Ø 125 mm	06 328 0007E	
Split adapter plates each with choice of 2 openings	Ø 110 mm	06 568 0235E	
Adapter plate with predetermined breaking points for rectangular opening	Ø 125 mm	06 328 0008E	
Split adapter plates each with 2 openings ▪ Only suitable for frame EK268, height 350 mm and frame EK278, height 350 mm	Ø 50 mm Ø 125 mm	06 268 0501	
Split adapter plates each with choice of 2 openings ▪ Only suitable for frame EK268, height 350 mm and frame EK278, height 350 mm	Ø 110 mm	06 268 0081 With 2 adapter plates 06 268 0080 With 4 adapter plates	
Split adapter plate, each with 2 possible openings	Ø 132 mm	06 568 0385E	
Closing plate for rectangular opening (130 x 236 mm)		06 568 0194E	
Closing plate for rectangular opening (118 x 111 mm)		06 358 0093E	
Closing plate Ø 110 mm for small manhole EK337 with cut-out pipe inlets,	Ø 90 mm, 75 mm, 63 mm, 50 mm and 4 x 30 mm	06 337 0002	



	Order number	Product
<p>ADAPTER</p> <ul style="list-style-type: none"> For openings Ø 110 mm For inserting cables or pipes 		
With Ø 63 mm	06 568 0211	
With Ø 50 mm	06 568 0210	
<p>MICROPIPE ADAPTER</p> <p>For opening Ø 110 mm with 3 pipe inlets or micropipe bundle/cables up to Ø 50 mm</p>	06 568 0377	
<p>PROTECTIVE PIPE SEAL EK186</p> <ul style="list-style-type: none"> For inserting cables or narrow pipes Special egg-crate foam insert to seal against ground Hinged, can also be used with existing cables or manholes 		
For opening Ø 50 mm	08 186 0050	-
For opening Ø 110 mm	08 186 3110	-
For opening Ø 160 mm	08 186 0160	-
<p>STEPPED GROMMET</p> <ul style="list-style-type: none"> To allow connection of different pipe sizes 		
<p>For 110 mm diameter opening</p> <ul style="list-style-type: none"> Allows connection of pipes with external diameter 100, 90 mm 	06 268 0073	
<p>For 110 mm diameter opening</p> <ul style="list-style-type: none"> Allows connection of pipes with external diameter 90, 75, 63, 50 and 40 mm (4 or 6 ea. included in basic kit) 	06 268 0008	
<p>For openings Ø 160 mm</p> <ul style="list-style-type: none"> Allows connection of pipes with external diameter 140, 125 and 110 mm 	06 268 0036	
<p>MOULDED TRANSITION PIECE (reducer)</p> <ul style="list-style-type: none"> For reducing pipe inlets 		
Reducer for opening Ø 110 mm suitable for pipes with Ø 125 mm	06 568 0246	
Reducer for opening Ø 110 mm suitable for pipes with Ø 160 mm	06 568 0245	
Reducer for opening Ø 50 mm reduced to Ø 40 mm, split	06 568 0024	


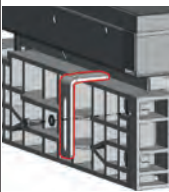







	Order number	Product
LIFTING HOOK FOR MANHOLE COVER		
Lifting hook, set (2 ea.)	06 358 0094E	
Lifting hook, set (2 ea.), 700 mm long	06 568 0311E	
Lifting hook, set (2 ea.), 850 mm long	06 568 0312E	
Transport hook - set with 4 hooks for lifting manholes with a clear dimension from 1400 - 2200 (up to 1600 kg / manhole)	70 087 6000	
Transport hook - set with 4 hooks for lifting manholes up to a clear dimension of 1165 (up to 1000 kg / manhole)	70 087 6010	
HEIGHT ADJUSTMENT KIT		
<ul style="list-style-type: none"> Continuous height and angle adjustment between the top frame and steel frame. Optimal fit of the upper edge of the manhole to the surface of the ground. 		
Height adjustment kit for manholes with steel frame Height and angle adjustment up to max. +50 mm Consisting of: <ul style="list-style-type: none"> 4 threaded spindles with hexagon socket 	06 358 0060E	
Height adjustment set for manholes with edge protection frame (EK268) Height and gradient adjustment up to max. +70 mm Consisting of: <ul style="list-style-type: none"> 4 spindles for height adjustment 4 seating nuts 4 holders 4 insulated walls 8 fixing dowel mounting plugs and 1 spanner for height adjustment 	06 268 0060E	
Hexagon screwdriver with T-handle for hexagon socket grub screw to activate the height adjustment, special chromium-vanadium steel, AF 5 x 350 mm	70 085 9700	















	Order number	Product
<p>CABLE PLATE</p> <ul style="list-style-type: none"> For installation on the interior wall of the manhole Includes installation accessories 		
<p>Cable plate for minimum bend radius of 300 mm (manholes with internal dimensions of 1,400–2,200 mm)</p> <ul style="list-style-type: none"> Mounted on the manhole wall with self-tapping screws FH 6.3 x 32 mm DIN ISO 7049 and flange sleeves 	06 568 0216E	
<p>Cable plate for minimum bend radius of 375 mm (manholes with internal dimensions of 1165–2,200 mm)</p> <ul style="list-style-type: none"> Mounted on the manhole wall with self-tapping screws FH 6.3 x 32 mm DIN ISO 7049 and flange sleeves 	06 568 0215E	
<p>Cable plate for minimum bend radius of 330 mm (manholes with internal dimension of 1,165 mm)</p> <ul style="list-style-type: none"> Powder-coated steel wire with 4x F8 x 22/7981 fastening screws and hook-and-loop fastener strips 	70 065 0410	
<p>Cable plate for minimum bend radius of 300 mm (manholes with internal dimension of 1,165 mm)</p> <ul style="list-style-type: none"> Hot-dip galvanised steel plate With 4 F6.3 x 22/7981 fastening screws 	06 568 0223	
<p>Cable plate for minimum bend radius of 420 mm</p> <ul style="list-style-type: none"> Powder-coated steel wire with 4x F8 x 22/7981 fastening screws and hook-and-loop fastener strips 	70 064 3410	
<p>CUSTOMER-SPECIFIC COMPANY LOGO</p>		
<p>Covers can be equipped with a company-specific logo.</p> <ul style="list-style-type: none"> 80 x 40 mm Cast bronze: for cast and chequered stud plate covers Aluminium: for concrete covers or 2K plastic logo Recessed in cover 	50 000 2500	
<p>Flat-rate cost for initial manufacture of company logo (scale final artwork and mould) based on supplied template</p>	50 000 2100	-
<p>FIBRE ENCLOSURE SUPPORT/FIBRE ENCLOSURE BRACKET</p> <ul style="list-style-type: none"> For installation on interior wall of manhole, e.g. to support optical fibre enclosure Includes installation accessories 		
<p>Fibre enclosure support, set (2 pcs) With self-tapping screws FH 6.3 x 32 mm DIN ISO 7049 and flange sleeves</p>	06 568 0217E	
<p>Fibre enclosure support</p>	70 033 8200E	
<p>Swivel fibre enclosure bracket; - for manholes with a clear dimension of 1400 mm (other brackets/manhole sizes available on request) Stainless steel, factory installed</p>	70 062 3600	
<p>Extended box for the protected storage of cables and optical fibres 700 x 700 x 150 mm</p>	70 087 9761	



	Order number	Product
RETROFIT KIT For retroactive connection of steel frame and top frame		
Retrofit kit, steel frame / top frame connection – height-adjustable, internal ▪ 2 x frame anchors and serrated screws (hole necessary)	06 568 0314E	
Retrofit kit, steel frame / top frame connection – height-adjustable ▪ 4 x fastening brackets (with slotted hole) and self-tapping screws	06 568 0275E	
MANHOLE LADDER SYSTEM		
Consisting of: ▪ Glass-reinforced plastic manhole ladder with 5 rungs, int. dimensions 300, length approx. 1.4 m ▪ Wall brackets (2 ea.) ▪ With retractable access aid Suitable for manhole depths of: 1.5–1.9 m other lengths available on request	06 568 0282	
HOLE PLUGS FOR LEVERING HOLES		
Hole plugs for levering holes in manhole cover (1 set = 4 ea.) per cover	06 358 0095	
SQUARE HOLE PLUG FOR CAST-IRON-COVER		
for lockable manholes EK338 and EK478 Size: 50 x 30 x 3 mm Supply unit: 16 pcs	06 568 0219	
SEALING PLUG FOR LOCKING MECHANISMS		
▪ For closing and protecting locking mechanisms ▪ Secure fit, easy installation ▪ Material: PE-LD		
Sealing plug for locking mechanism for concrete-lined and paveable cast-iron covers Ø 40.0 mm Without collar, black	70 046 0716	
STRAIN RELIEF for the strain relief of grounding cables etc. for a clear dimension = 800 mm		
	70 064 1259E	



	Order number	Product
LOCKING MECHANISMS OVERVIEW <ul style="list-style-type: none"> ▪ For manhole covers ▪ Four different bolt heads available ▪ Material: Stainless steel 		
Head style hex	Order number See manhole type	
Head style hex socket	Order number See manhole type	
Head style LIC-LOCK	Order number See manhole type	
Head style COLT/TELENET/ OTC	Order number See manhole type	
TOOLS FOR ATTACHING MANHOLE COVER for locking mechanism		
Tool for COLT/TELENET/OTC head style Material: Cast steel	70 046 5200	
Tool for LIC-LOCK head style Material: Cast steel	70 046 5202	
Tool for COLT/TELENET/OTC head style For use with size 19 spanner Material: Stainless steel	70 054 1100	
Tool for LIC-LOCK head style For use with size 17 spanner, Material: Stainless steel	70 034 9710	
Offset screwdriver size 14 and size 12 for head style hex socket	70 053 1103	
Tool for hexagonal head style Socket spanner set AF 24 with 75 mm extension	06 568 0280	
Offset screwdriver size 14 for head style hex socket	06 568 0281	
TOOLS FOR DISASSEMBLY		
Tool for knocking out double rivet	70 049 7800	



	Page
Micropipe adapter	108
Protective pipe seal	108
Stepped grommet	108
Moulded transition piece (reducer)	108







General **accessories**

Lifting hook for manhole cover	109
Customer-specific company logo	109
Sealing plug for locking mechanisms	109
Locking mechanisms Overview	110
Tools for attaching manhole cover	110
Tools for disassembly	110














	Order number	Product
<p>MICROPIPE ADAPTER For opening Ø 110 mm with 3 pipe inlets or micropipe bundle/cables up to Ø 50 mm</p>	06 568 0377	
<p>PROTECTIVE PIPE SEAL EK186</p> <ul style="list-style-type: none"> For inserting cables or narrow pipes Special egg-crate foam insert to seal against ground Hinged, can also be used with existing cables or manholes 		
For opening Ø 110 mm	08 186 3110	-
<p>STEPPED GROMMET</p> <ul style="list-style-type: none"> To allow connection of different pipe sizes 		
<p>For 110 mm diameter opening</p> <ul style="list-style-type: none"> Allows connection of pipes with external diameter 100 and 90 mm 	06 268 0073	
<p>For 110 mm diameter opening</p> <ul style="list-style-type: none"> Allows connection of pipes with external diameter 90, 75, 63, 50, and 40 mm (4 or 6 each included in basic kit) 	06 268 0008	
<p>MOULDED TRANSITION PIECE (reducer)</p> <ul style="list-style-type: none"> For reducing pipe inlets 		
Reducer for opening Ø 110 mm suitable for pipes with Ø 125 mm	06 568 0246	
Reducer for opening Ø 110 mm suitable for pipes with Ø 160 mm	06 568 0245	



	Order number	Product
LIFTING HOOK FOR MANHOLE COVER		
Lifting hook, set (2 ea.)	06 358 0094E	
Lifting hook, set (2 ea.), 700 mm long	06 568 0311E	
Lifting hook, set (2 ea.), 850 mm long	06 568 0312E	
Transport hook - set with 4 hooks for lifting manholes up to a clear dimension of 1165 (up to 1000 kg / manhole)	70 087 6010	
CUSTOMER-SPECIFIC COMPANY LOGO		
Covers can be equipped with a company-specific logo. <ul style="list-style-type: none"> 80 x 40 mm Cast bronze: for cast and chequered stud plate covers Aluminium: for concrete covers or 2K plastic logo Recessed in cover 	50 000 2500	
Flat-rate cost for initial manufacture of company logo (scale final artwork and mould) based on supplied template	50 000 2100	-
SEALING PLUG FOR LOCKING MECHANISMS		
<ul style="list-style-type: none"> For closing and protecting locking mechanisms Secure fit, easy installation Material: PE-LD 		
Sealing plug for locking mechanism for concrete-lined and paveable cast-iron covers Ø 40.0 mm Without collar, black	70 046 0716	



	Order number	Product
LOCKING MECHANISMS OVERVIEW		
<ul style="list-style-type: none"> ▪ For manhole covers ▪ Four different bolt heads available ▪ Material: Stainless steel 		
Head style hex	Order number See manhole type	
Head style hex socket	Order number See manhole type	
Head style LIC-LOCK	Order number See manhole type	
Head style COLT/TELENET/ OTC	Order number See manhole type	
TOOLS FOR ATTACHING MANHOLE COVER FOR LOCKING MECHANISM		
Tool for COLT/TELENET/OTC head style Material: Cast steel	70 046 5200	
Tool for LIC-LOCK head style Material: Cast steel	70 046 5202	
Tool for COLT/TELENET/OTC head style For use with size 19 spanner Material: Stainless steel	70 054 1100	
Tool for LIC-LOCK head style For use with size 17 spanner, Material: Stainless steel	70 034 9710	
Offset screwdriver size 14 and size 12 for head style hex socket	70 053 1103	
Tool for hexagonal head style Socket spanner set AF 24 with 75 mm extension	06 568 0280	
Offset screwdriver size 14 for head style hex socket	06 568 0281	
TOOLS FOR DISASSEMBLY		
Tool for knocking out double rivet	70 049 7800	