

EMC shield clamps for C section rail C30

with or without integrated strain relief



EMC shield clamps are used, where the shield of cables must be connected to the earth potential. They are easy to use and effective in earthing single cable shields.

When using types with integrated strain relief cables can be fixed via the cable jacket using cable ties. Thus strain relief in accordance with EN 62444 is achieved. We also offer EMC shield clamps with double strain relief function acc. to PROFINET installation guidelines.

Due to its special design the clamping ranges of the MSKL are very large while the dimensions are comparatively small. (Example: MSKL 3-12, assembled with a 12 mm cable shield: width 26.25 mm).

The shield clamps can be mounted on C section rails C30 using the SC screw foot.

With the LFC cable shield clamp the cable shield is directly contacted at the C section rail. Your existing cable clamp can still be used for strain relief. The LFC clamp is simply snapped onto the C-rail and is then fixed using the screw of your cable clamp.

icotek also offers sets consisting of EMC shield clamp LFC and matching CCL bracket clip. These practical product sets are now also available with a knurled knob for easy, tool-free installation!

Specifications

Material	Shield clamp: Spring steel, zinc plated Shield bracket: Mild steel, galvanically zinc plated Screw foot: Mild steel, galvanically zinc plated Counter trays: Polyamide Knurled knob: Thermoplastic
Properties	vibration proof
Mounting options	Screw type mounting,Clamping,Snap-in

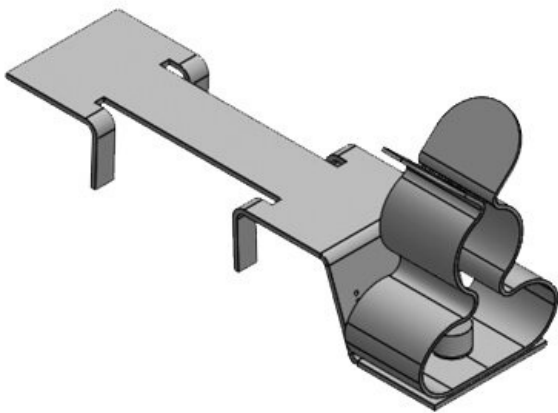
Advantages & benefits

- Partially with integrated strain relief
- Large contact area
- Shield contact and strain relief separated
- Easy assembly and removal
- The spring design requires no adjustments and will permanently maintain contact to the cable shield
- Shock and vibration resistant, maintenance free
- Integrated double strain relief function acc. to PROFINET installation guidelines
- For mounting on all standard C section rails C30 (16-17 mm)
- LFC: space-saving due to the combination of the LFC shield clamp with a cable clamp

Product types & sizes

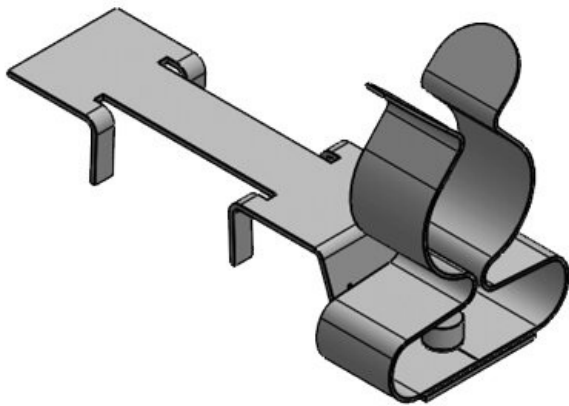
LFC|MSKL 3-12

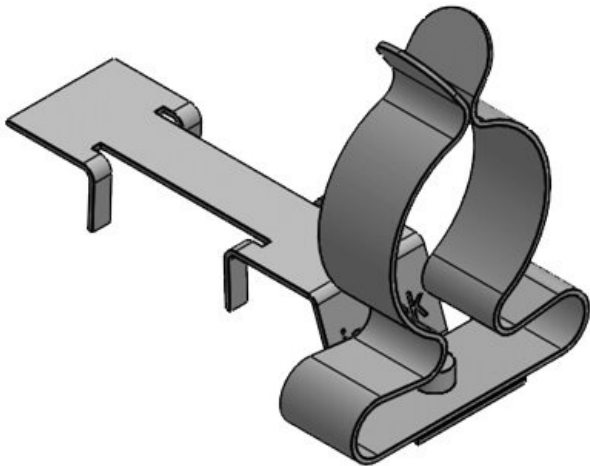
Part No.	37670.100	Min. shield	3 mm
EAN	4251269322	diam.	
	044	Max. shield	12 mm
Package	10	diam.	
quantity		Length	45,9 mm
No. of shield	1	Strain relief	No
clamps		function	
Shield clamp	MSKL	Width	15 mm
type		Height	22 mm
For max. no. of	1		
cables			
Shield	3 - 12 mm		
diameter			



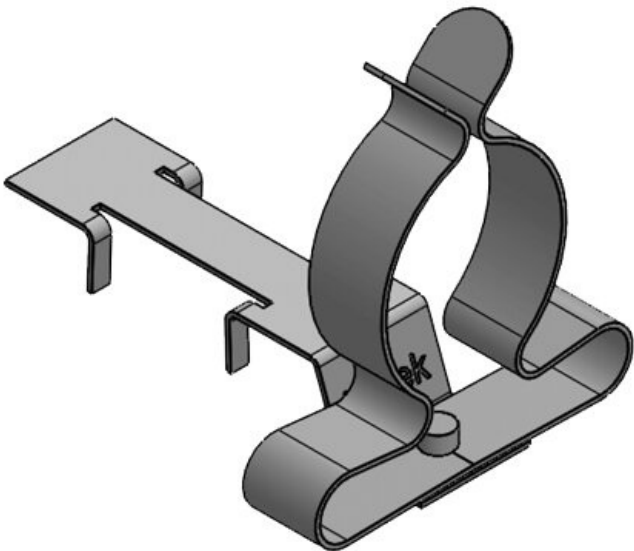
LFC|MSKL 8-18

Part No.	37671.100	Min. shield	8 mm
EAN	4251269322	diam.	
	051	Max. shield	18 mm
Package	10	diam.	
quantity		Length	45,9 mm
No. of shield	1	Strain relief	No
clamps		function	
Shield clamp	MSKL	Width	20 mm
type		Height	28,2 mm
For max. no. of	1		
cables			
Shield	8 - 18 mm		
diameter			



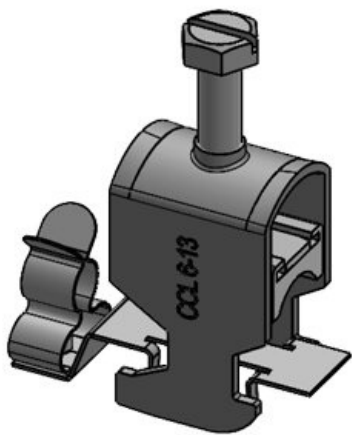


Part No.	37672.100	Min. shield	17 mm
EAN	4251269322	diam.	
	068	Max. shield	22 mm
Package	10	diam.	
quantity		Length	45,9 mm
No. of shield	1	Strain relief	No
clamps		function	
Shield clamp	SKL	Width	26,5 mm
type		Height	36 mm
For max. no. of	1		
cables			
Shield	17 - 22 mm		
diameter			

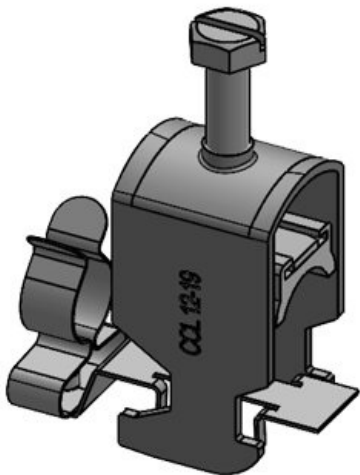


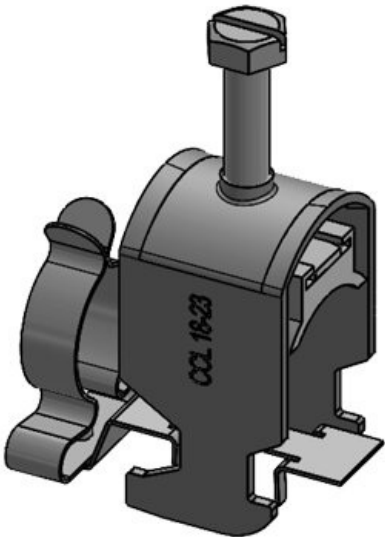
Part No.	37673.100	Min. shield	22 mm
EAN	4251269322	diam.	
	075	Max. shield	30 mm
Package	10	diam.	
quantity		Length	45,9 mm
No. of shield	1	Strain relief	No
clamps		function	
Shield clamp	SKL	Width	35 mm
type		Height	40,5 mm
For max. no. of	1		
cables			
Shield	22 - 30 mm		
diameter			

Part No.	37680	Min. shield	3 mm
EAN	4251269323	diam.	
	652	Max. shield	12 mm
Package	10	diam.	
quantity		Length	45,9 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	MSKL	Width	19 mm
type		Height	36 mm
For max. no. of	1	Mounting	52 mm
cables		height	
Shield	3 - 12 mm	Clamping	6 - 13 mm
diameter		range	
		Clamping	1 x 6 - 13
		range	mm

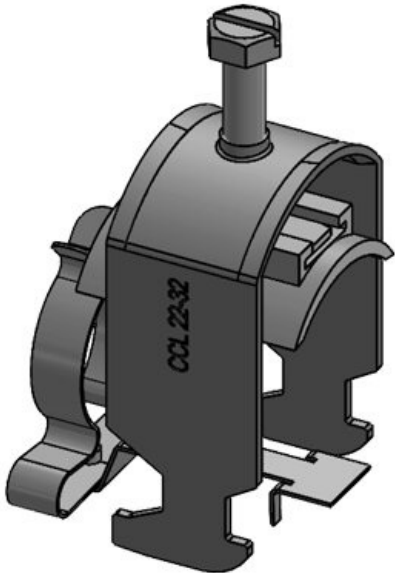


Part No.	37681	Min. shield	8 mm
EAN	4251269323	diam.	
	669	Max. shield	18 mm
Package	10	diam.	
quantity		Length	45,9 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	MSKL	Width	22 mm
type		Height	36 mm
For max. no. of	1	Mounting	57 mm
cables		height	
Shield	8 - 18 mm	Clamping	12 - 19 mm
diameter		range	
		Clamping	1 x 12 - 19
		range	mm



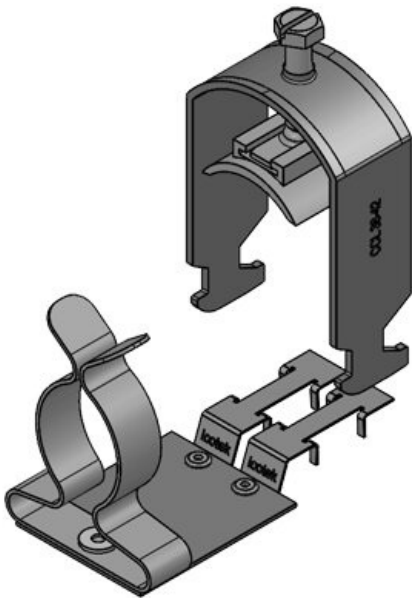


Part No.	37682	Min. shield	17 mm
EAN	4251269323	diam.	
	676	Max. shield	22 mm
Package	10	diam.	
quantity		Length	45,9 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	SKL	Width	26,5 mm
type		Height	38 mm
For max. no. of	1	Mounting	62 mm
cables		height	
Shield	17 - 22 mm	Clamping	18 - 23 mm
diameter		range	
		Clamping	1 x 18 - 23
		range	mm

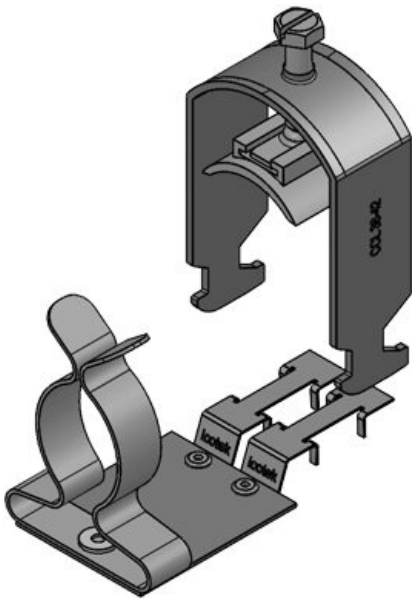


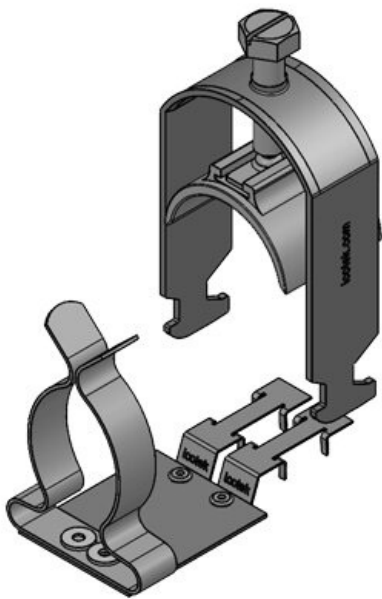
Part No.	37683	Min. shield	22 mm
EAN	4251269323	diam.	
	683	Max. shield	30 mm
Package	10	diam.	
quantity		Length	45,9 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	SKL	Width	38 mm
type		Height	52 mm
For max. no. of	1	Mounting	72 mm
cables		height	
Shield	22 - 30 mm	Clamping	22 - 32 mm
diameter		range	
		Clamping	1 x 23 - 32
		range	mm

Part No.	37688	Min. shield	30 mm
EAN	4251269324	diam.	
	192	Max. shield	38 mm
Package	10	diam.	
quantity		Length	87,7 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	SKL	Width	44 mm
type		Height	62 mm
For max. no. of	1	Mounting	78 mm
cables		height	
Shield	30 - 38 mm	Clamping	30 - 38 mm
diameter		range	
		Clamping	1 x 32 - 38
		range	mm

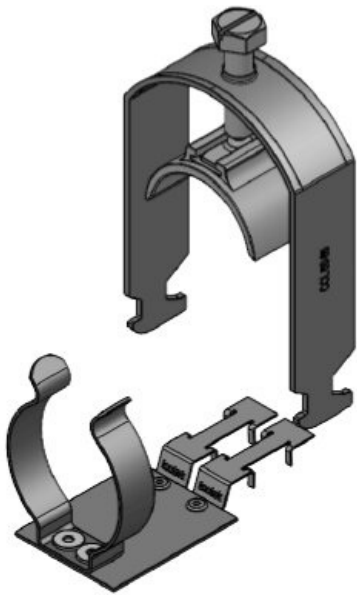


Part No.	37684	Min. shield	30 mm
EAN	4251269323	diam.	
	782	Max. shield	38 mm
Package	10	diam.	
quantity		Length	87,7 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	SKL	Width	48 mm
type		Height	67 mm
For max. no. of	1	Mounting	82 mm
cables		height	
Shield	30 - 38 mm	Clamping	38 - 42 mm
diameter		range	
		Clamping	1 x 38 - 42
		range	mm



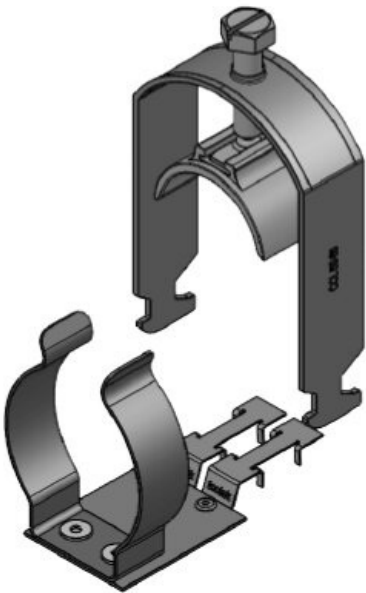


Part No.	37685	Min. shield	38 mm
EAN	4251269323	diam.	
	799	Max. shield	48 mm
Package	10	diam.	
quantity		Length	87,7 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	SKL	Width	55 mm
type		Height	83 mm
For max. no. of	1	Mounting	101 mm
cables		height	
Shield	38 - 48 mm	Clamping	42 - 50 mm
diameter		range	
		Clamping	1 x 42 - 50
		range	mm

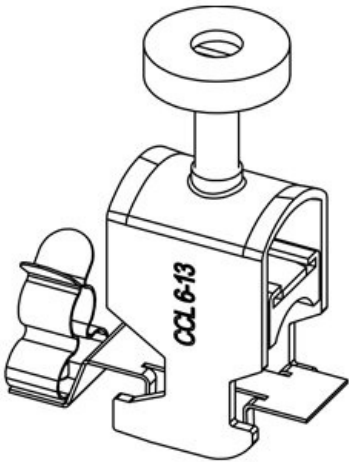


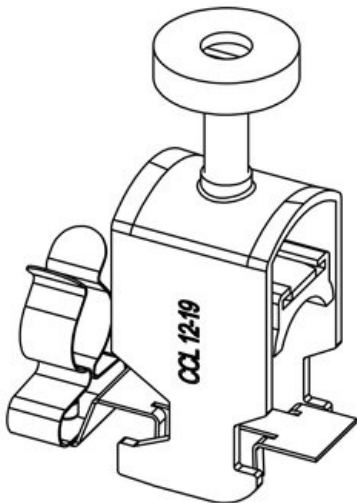
Part No.	37686	Min. shield	44 mm
EAN	4251269323	diam.	
	805	Max. shield	56 mm
Package	10	diam.	
quantity		Length	87,7 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	SKL	Width	69 mm
type		Height	98 mm
For max. no. of	1	Mounting	116 mm
cables		height	
Shield	44 - 56 mm	Clamping	50 - 64 mm
diameter		range	
		Clamping	1 x 50 - 64
		range	mm

Part No.	37687	Min. shield	56 mm
EAN	4251269323	diam.	
	928	Max. shield	62 mm
Package	10	diam.	
quantity		Length	87,7 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	SKL	Width	69 mm
type		Height	98 mm
For max. no. of	1	Mounting	116 mm
cables		height	
Shield	56 - 68 mm	Clamping	50 - 64 mm
diameter		range	
		Clamping	1 x 50 - 64
		range	mm

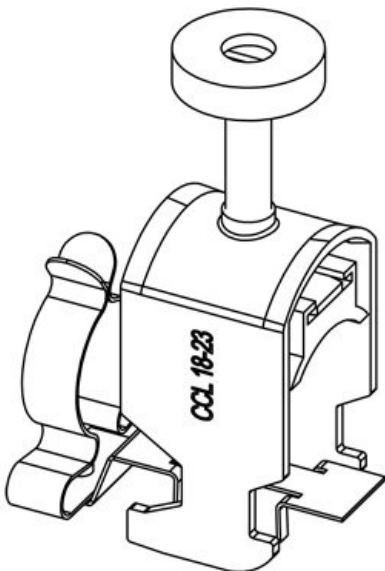


Part No.	37680.100	Min. shield	3 mm
EAN		diam.	
Package	10	Max. shield	12 mm
quantity		diam.	
No. of shield	1	Length	45,9 mm
clamps		Strain relief	Yes
Shield clamp	MSKL	function	
type		Width	19 mm
For max. no. of	1	Height	36 mm
cables		Mounting	53,8 mm
Shield	3 - 12 mm	height	
diameter		Clamping	6 - 13 mm
		range	
		Clamping	1 x 6 - 13
		range	mm



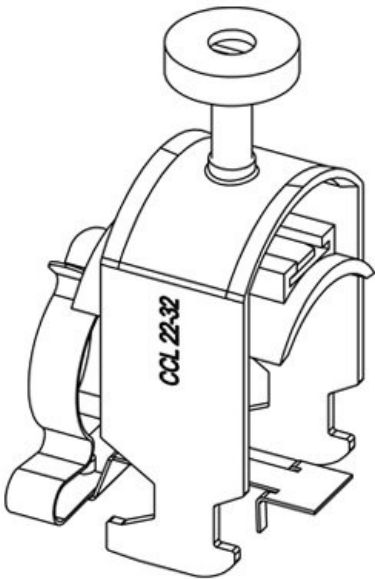


Part No.	37681.100	Min. shield diam.	8 mm
EAN		Max. shield diam.	18 mm
Package quantity	10	Length	45,9 mm
No. of shield clamps	1	Strain relief function	Yes
Shield clamp type	MSKL	Width	22 mm
For max. no. of cables	1	Height	36 mm
Shield diameter	8 - 18 mm	Mounting height	59,8 mm
		Clamping range	12 - 19 mm
		Clamping range	1 x 12 - 19 mm

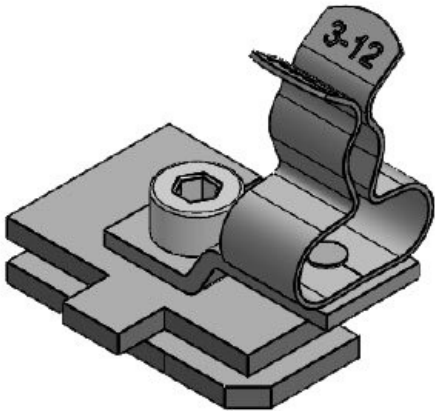


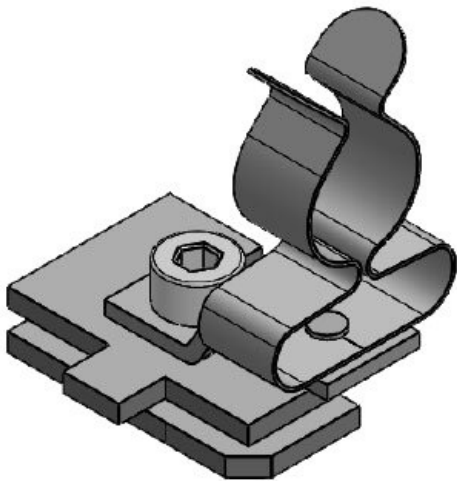
Part No.	37682.100	Min. shield diam.	17 mm
EAN		Max. shield diam.	22 mm
Package quantity	10	Length	45,9 mm
No. of shield clamps	1	Strain relief function	Yes
Shield clamp type	SKL	Width	26,5 mm
For max. no. of cables	1	Height	38 mm
Shield diameter	17 - 22 mm	Mounting height	64,1 mm
		Clamping range	18 - 23 mm
		Clamping range	1 x 18 - 23 mm

Part No.	37683.100	Min. shield diam.	22 mm
EAN		Max. shield diam.	30 mm
Package quantity	10	Length	45,9 mm
No. of shield clamps	1	Strain relief function	Yes
Shield clamp type	SKL	Width	38 mm
For max. no. of cables	1	Height	52 mm
Shield diameter	22 - 30 mm	Mounting height	75,1 mm
		Clamping range	22 - 32 mm
		Clamping range	1 x 23 - 32 mm

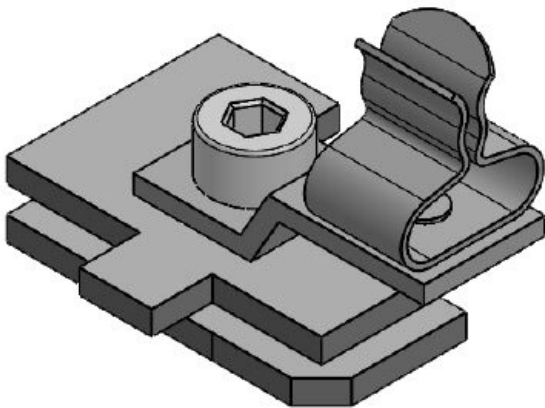


Part No.	37608.100	Min. shield diam.	3 mm
EAN	4251269320	Max. shield diam.	12 mm
Package quantity	10	Length	32 mm
No. of shield clamps	1	Strain relief function	No
Shield clamp type	MSKL	Width	22,5 mm
For max. no. of cables	1	Height	34,5 mm
Shield diameter	3 - 12 mm	Mounting height	28 mm





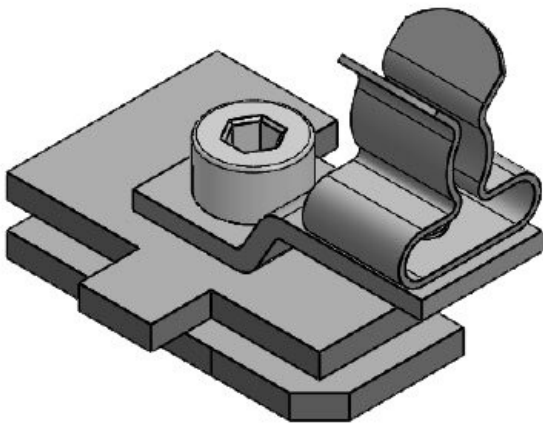
Part No.	37610.100	Min. shield	8 mm
EAN	4251269320	diam.	
	156	Max. shield	18 mm
Package	10	diam.	
quantity		Length	32 mm
No. of shield	1	Strain relief	No
clamps		function	
Shield clamp	MSKL	Width	22,5 mm
type		Height	40,7 mm
For max. no. of	1	Mounting	34,2 mm
cables		height	
Shield	8 - 18 mm		
diameter			



Part No.	36251.100	Min. shield	1,5 mm
EAN	4251269320	diam.	
	071	Max. shield	3 mm
Package	10	diam.	
quantity		Length	32
No. of shield	1	Strain relief	No
clamps		function	
Shield clamp	SKL	Width	22,5
type		Height	26,9
For max. no. of	1	Mounting	20,4
cables		height	
Shield	1,5 - 3 mm		
diameter			

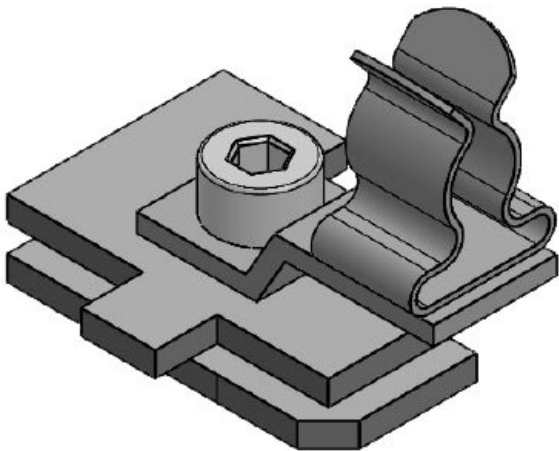
SC|LF|SKL 3-6

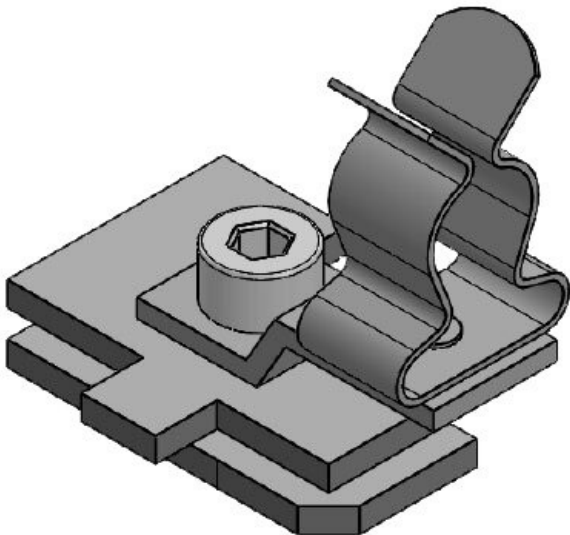
Part No.	36253.100	Min. shield	3 mm
EAN	4251269320088	diam.	
		Max. shield	6 mm
Package	10	diam.	
quantity		Length	32 mm
No. of shield	1	Strain relief	No
clamps		function	
Shield clamp	SKL	Width	22,5 mm
type		Height	27,5 mm
For max. no. of	1	Mounting	21 mm
cables		height	
Shield	3 - 6 mm		
diameter			



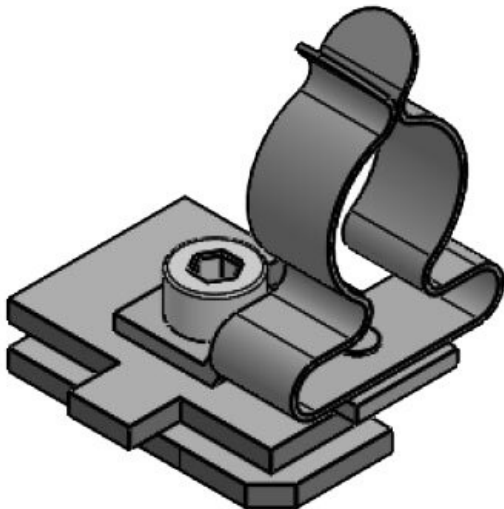
SC|LF|SKL 6-8

Part No.	36255.100	Min. shield	6 mm
EAN	4251269320095	diam.	
		Max. shield	8 mm
Package	10	diam.	
quantity		Length	32 mm
No. of shield	1	Strain relief	No
clamps		function	
Shield clamp	SKL	Width	22,5 mm
type		Height	29 mm
For max. no. of	1	Mounting	22,5 mm
cables		height	
Shield	6 - 8 mm		
diameter			



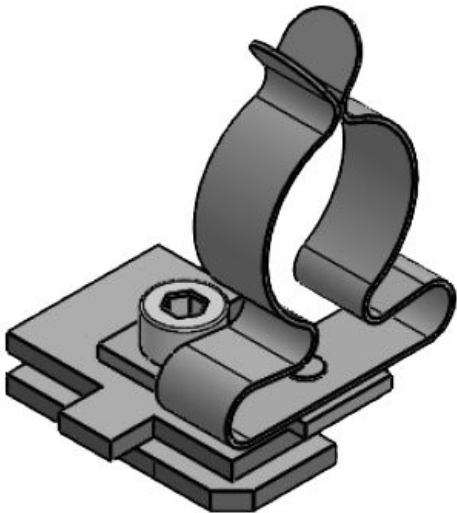


Part No.	36256.100	Min. shield diam.	8 mm
EAN	4251269320	Max. shield diam.	11 mm
Package quantity	10	Length	32 mm
No. of shield clamps	1	Strain relief function	No
Shield clamp type	SKL	Width	22,5 mm
For max. no. of cables	1	Height	34 mm
Shield diameter	8 - 11 mm	Mounting height	27,5 mm

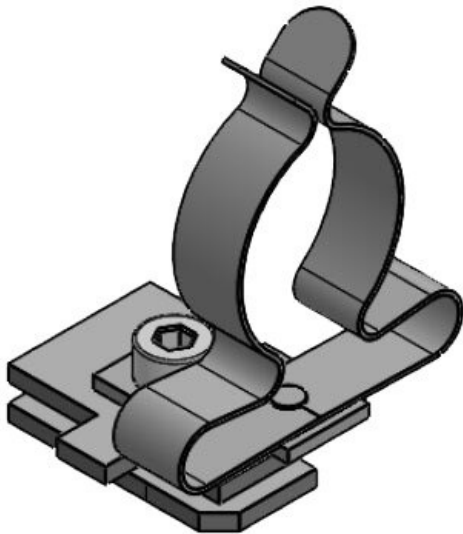


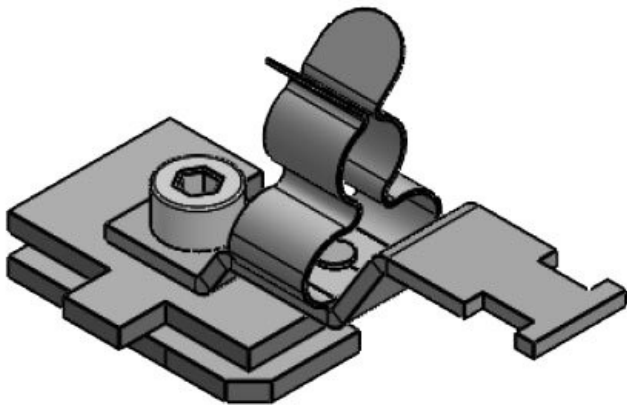
Part No.	36257.100	Min. shield diam.	11 mm
EAN	4251269320	Max. shield diam.	17 mm
Package quantity	10	Length	32 mm
No. of shield clamps	1	Strain relief function	No
Shield clamp type	SKL	Width	23 mm
For max. no. of cables	1	Height	41 mm
Shield diameter	11 - 17 mm	Mounting height	34,5 mm

Part No.	36258.100	Min. shield	17 mm
EAN	4251269320	diam.	
	125	Max. shield	22 mm
Package	10	diam.	
quantity		Length	32 mm
No. of shield	1	Strain relief	No
clamps		function	
Shield clamp	SKL	Width	26,5 mm
type		Height	48,5 mm
For max. no. of	1	Mounting	42 mm
cables		height	
Shield	17 - 22 mm		
diameter			

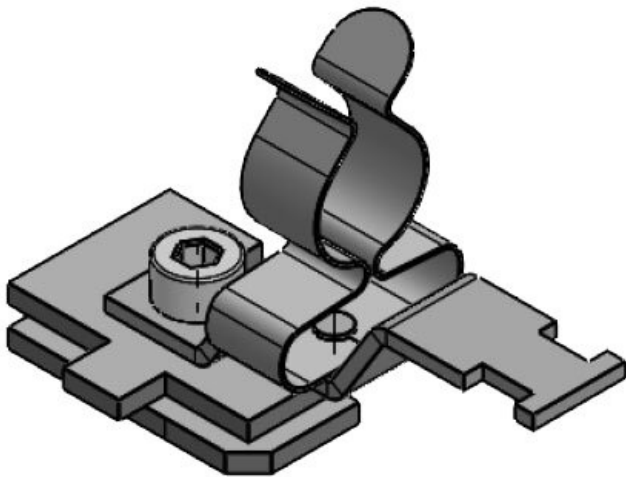


Part No.	36259.100	Min. shield	22 mm
EAN	4251269320	diam.	
	132	Max. shield	30 mm
Package	10	diam.	
quantity		Length	32 mm
No. of shield	1	Strain relief	No
clamps		function	
Shield clamp	SKL	Width	35 mm
type		Height	52,9 mm
For max. no. of	1	Mounting	46,4 mm
cables		height	
Shield	22 - 30 mm		
diameter			





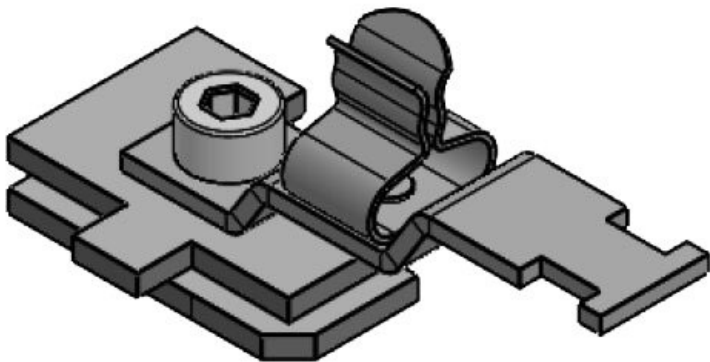
Part No.	37612.100	Min. shield	3 mm
EAN	4251269320	diam.	
	248	Max. shield	12 mm
Package	10	diam.	
quantity		Length	54,3 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	MSKL	Width	22,5 mm
type		Height	34,5 mm
For max. no. of	1	Mounting	28 mm
cables		height	
Shield	3 - 12 mm		
diameter			



Part No.	37614.100	Min. shield	8 mm
EAN	4251269320	diam.	
	255	Max. shield	18 mm
Package	10	diam.	
quantity		Length	54,3 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	MSKL	Width	22,5 mm
type		Height	40,7 mm
For max. no. of	1	Mounting	34,2 mm
cables		height	
Shield	8 - 18 mm		
diameter			

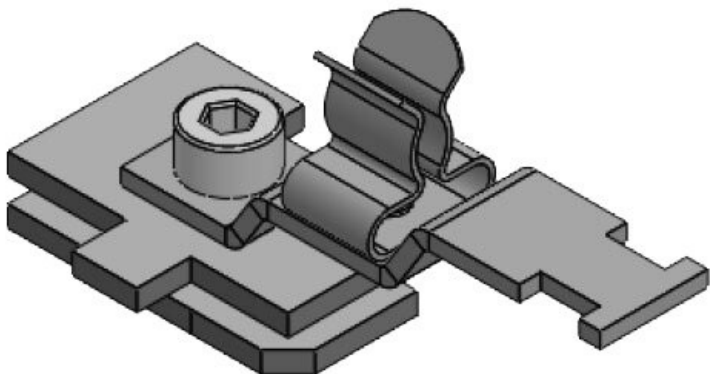
SC|LFZ|SKL 1.5-3

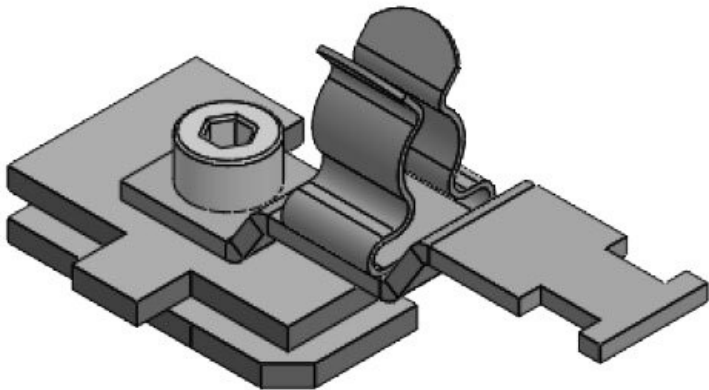
Part No.	36910.100	Min. shield	1,5 mm
EAN	4251269320	diam.	
	163	Max. shield	3 mm
Package	10	diam.	
quantity		Length	52,4 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	SKL	Width	22,5 mm
type		Height	26,9 mm
For max. no. of	1	Mounting	20,4 mm
cables		height	
Shield	1,5 - 3 mm		
diameter			



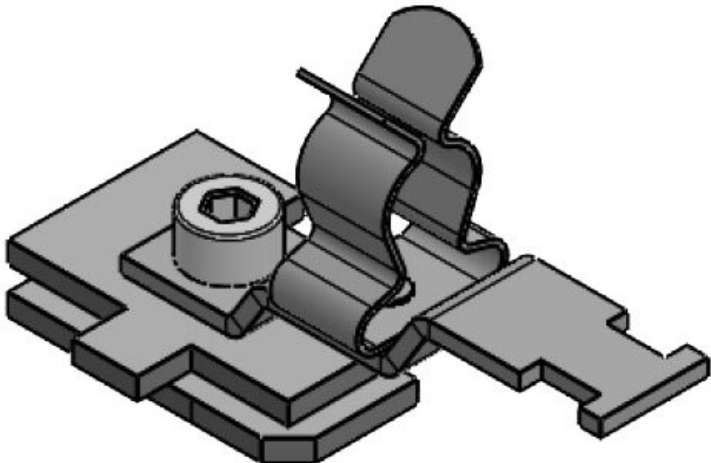
SC|LFZ|SKL 3-6

Part No.	36915.100	Min. shield	3 mm
EAN	4251269320	diam.	
	170	Max. shield	6 mm
Package	10	diam.	
quantity		Length	52,4 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	SKL	Width	22,5 mm
type		Height	27,5 mm
For max. no. of	1	Mounting	21 mm
cables		height	
Shield	3 - 6 mm		
diameter			





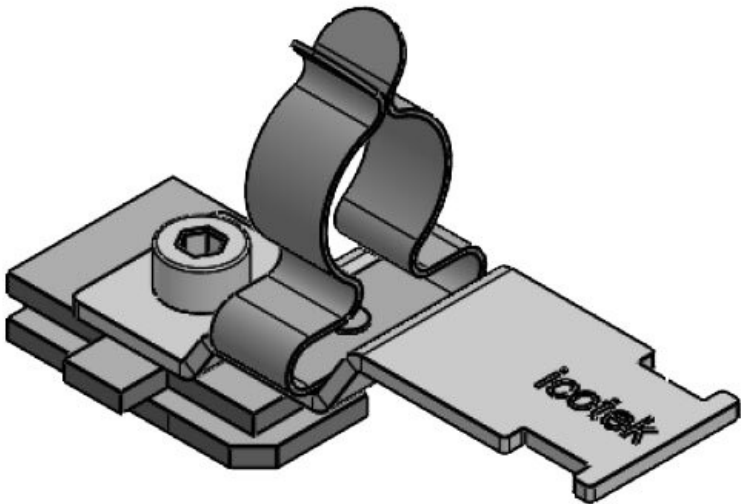
Part No.	36920.100	Min. shield diam.	6 mm
EAN	4251269320	Max. shield diam.	8 mm
Package quantity	187	Length	52,4 mm
No. of shield clamps	10	Strain relief function	Yes
Shield clamp type	SKL	Width	22,5 mm
For max. no. of cables	1	Height	29 mm
Shield diameter	6 - 8 mm	Mounting height	22,5 mm



Part No.	36925.100	Min. shield diam.	8 mm
EAN	4251269320	Max. shield diam.	11 mm
Package quantity	194	Length	52,4 mm
No. of shield clamps	10	Strain relief function	Yes
Shield clamp type	SKL	Width	22,5 mm
For max. no. of cables	1	Height	34 mm
Shield diameter	8 - 11 mm	Mounting height	27,5 mm

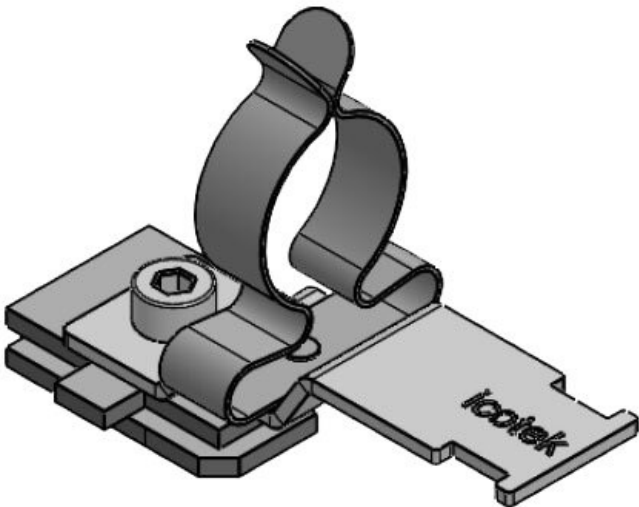
SC|LFZ|SKL 11-17

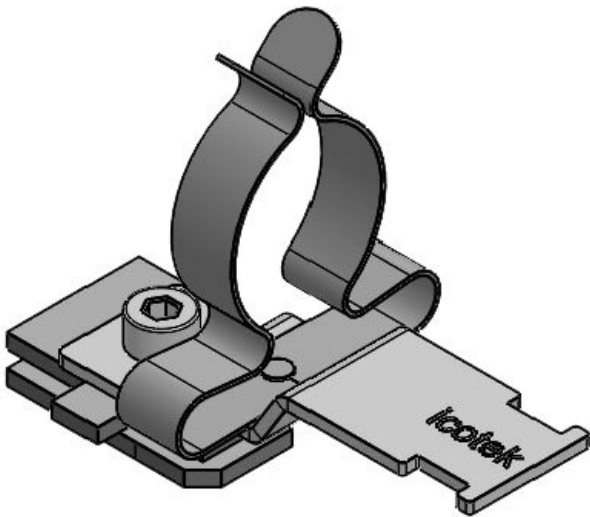
Part No.	36930.100	Min. shield	11 mm
EAN	4251269320	diam.	
	200	Max. shield	17 mm
Package	10	diam.	
quantity		Length	62 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	SKL	Width	23 mm
type		Height	41 mm
For max. no. of	1	Mounting	34,5 mm
cables		height	
Shield	11 - 17 mm		
diameter			



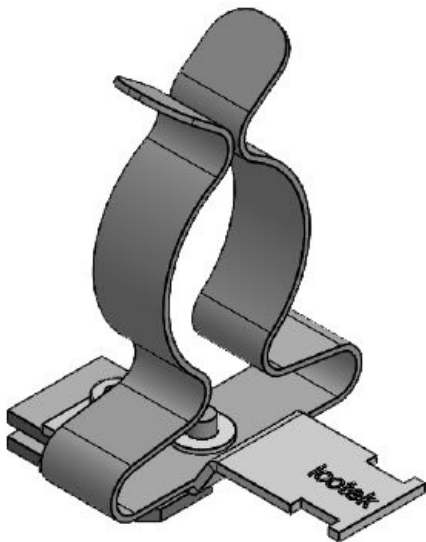
SC|LFZ|SKL 17-22

Part No.	36935.100	Min. shield	17 mm
EAN	4251269320	diam.	
	217	Max. shield	22 mm
Package	10	diam.	
quantity		Length	62 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	SKL	Width	26,5 mm
type		Height	48,5 mm
For max. no. of	1	Mounting	42 mm
cables		height	
Shield	17 - 22 mm		
diameter			





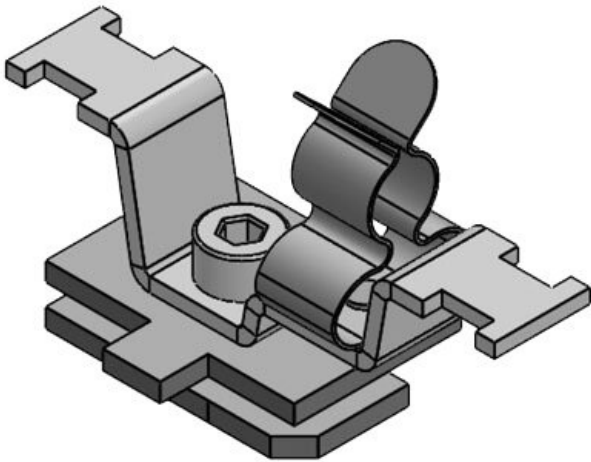
Part No.	36940.100	Min. shield	22 mm
EAN	4251269320	diam.	
	224	Max. shield	30 mm
Package	10	diam.	
quantity		Length	62 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	SKL	Width	35 mm
type		Height	52,9 mm
For max. no. of	1	Mounting	46,4 mm
cables		height	
Shield	22 - 30 mm		
diameter			



Part No.	36941.100	Min. shield	30 mm
EAN	4251269320	diam.	
	231	Max. shield	38 mm
Package	10	diam.	
quantity		Length	62 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	SKL	Width	46,5 mm
type		Height	76,5 mm
For max. no. of	1	Mounting	70 mm
cables		height	
Shield	30 - 38 mm		
diameter			

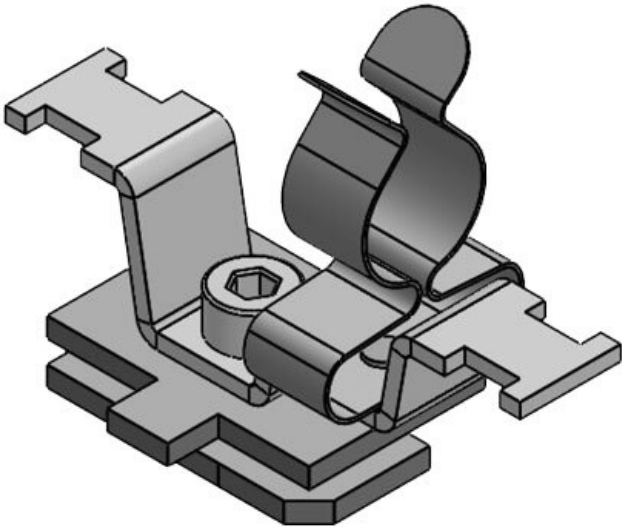
SC|LF2Z-M|MSKL 3-12

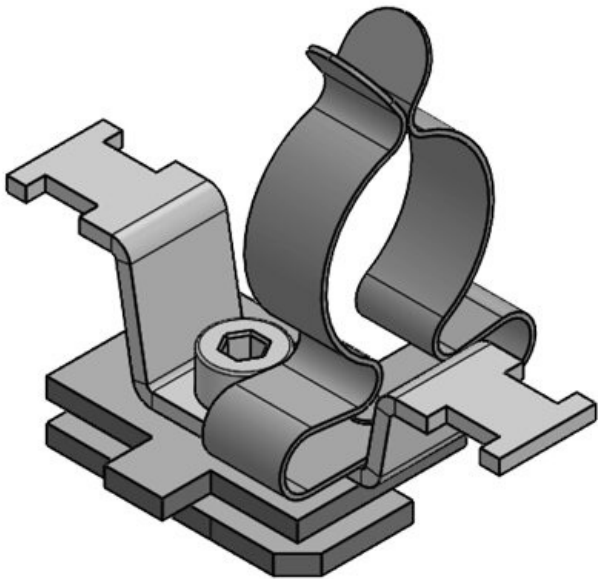
Part No.	37612.150	Min. shield	3 mm
EAN	4251269321	diam.	
	337	Max. shield	12 mm
Package	10	diam.	
quantity		Length	51 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	MSKL	Width	22,5 mm
type		Height	28 mm
For max. no. of	1		
cables			
Shield	3 - 12 mm		
diameter			



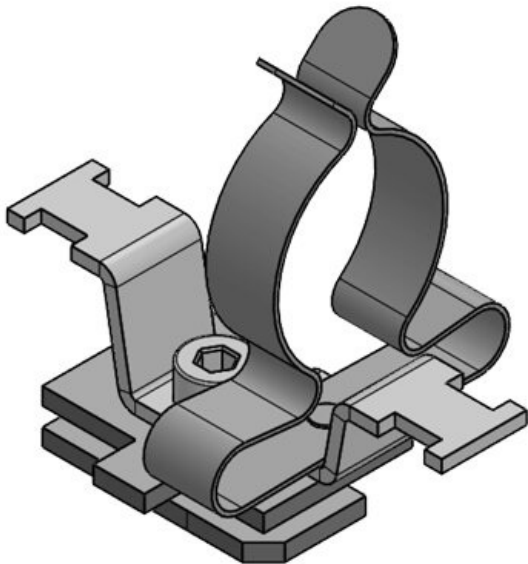
SC|LF2Z-M|MSKL 8-18

Part No.	37614.150	Min. shield	8 mm
EAN	4251269321	diam.	
	344	Max. shield	18 mm
Package	10	diam.	
quantity		Length	51 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	MSKL	Width	22,5 mm
type		Height	34,2 mm
For max. no. of	1		
cables			
Shield	8 - 18 mm		
diameter			





Part No.	37594.150	Min. shield	17 mm
EAN	4251269324	diam.	
	895	Max. shield	22 mm
Package	10	diam.	
quantity		Length	51 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	SKL	Width	22,5 mm
type		Height	48,5 mm
For max. no. of	1		
cables			
Shield	17 - 22 mm		
diameter			



Part No.	37595.150	Min. shield	22 mm
EAN	4251269324	diam.	
	901	Max. shield	30 mm
Package	10	diam.	
quantity		Length	51 mm
No. of shield	1	Strain relief	Yes
clamps		function	
Shield clamp	SKL	Width	22,5 mm
type		Height	53 mm
For max. no. of	1		
cables			
Shield	22 - 30 mm		
diameter			

SC single, with twist protection

Part No.
EAN

Package
quantity
Length
Width
Height
Mounting
height

36231
4251269302
251
10
26 mm
22,5 mm
6,5 mm
2 mm

No. of screw **1**
holes
Diam. of screw **4,1 mm**
holes
Thread **M4**

