

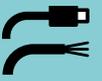
# GROUP 1

Entry systems for  
cables with and without  
connectors





# DES 24



## Splittable frame for cables with and without connectors

### FEATURES

- Multiple configurations in the same frame
- Frame screws in AISI304 Stainless Steel
- IP66 and NEMA 4X\* certified with all configurations of grommets
- Strain relief according to EN 62444
- Sturdy construction IK10
- Overmolded gasket acc. to UL94-V0
- ATEX version on request (Group 7)
- Threaded inserts version on request



The DES 24 cable entry system consists of a splittable frame designed to accommodate small (SPP), multiple (X) or large (SPG) grommets for cables with and without connectors. The grommets can be freely positioned into the frame.

With all combinations of grommets, single, double, quadruple, big, the IP66 and NEMA 4X\* are guaranteed.

The overmolded gasket guarantees faster installation times and the complete V0 self-extinguishing of the system.

**Material:** PP+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +155°C (static)

### RELATED PRODUCTS

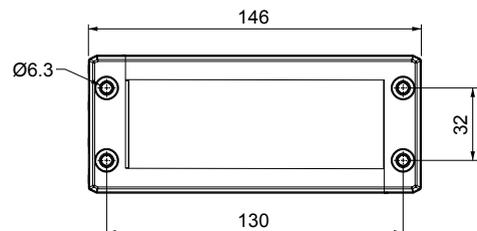
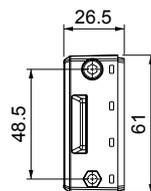
- SPP grommets (from page 46)
- SPG grommets (from page 52)
- DES Cover (page 26)
- DES Flap (page 27)
- HY360 hydraulic punch driver (page 139)
- PF/PFX cable entry system plates (from page 140)
- DES caps (page 61)
- Intumescent gasket (page 127)



\* Indoor only

Model	Code	Some possible configurations	Max. cut-out (mm)	Pcs (/pack)
DES 24	1731010024		112 x 39	10
Upon request	1731991020	Set of 4 mounting screws in AISI304 with Black Geomet finishing		

### Dimensions (mm)



IP66

NEMA 12, 4X\*

UL TYPE 12, 4X



ECOLAB

UL94-V0



RoHS COMPLIANT

IK10





# DES 16



## Splittable frame for cables with and without connectors

### FEATURES

- Multiple configurations in the same frame
- Frame screws in AISI304 Stainless Steel
- IP66 and NEMA 4X\* certified with all configurations of grommets
- Strain relief according to EN 62444
- Sturdy construction IK10
- Overmolded gasket acc. to UL94-V0
- ATEX version on request (Group 7)
- Threaded inserts version on request



The DES 16 cable entry system consists of a splittable frame designed to accommodate small (SPP), multiple (X) or large (SPG) grommets for cables with and without connectors. The grommets can be freely positioned into the frame.

With all combinations of grommets, single, double, quadruple, big, the IP66 and NEMA 4X\* are guaranteed.

The overmolded gasket guarantees faster installation times and the complete V0 self-extinguishing of the system.

**Material:** PP+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +155°C (static)

### RELATED PRODUCTS

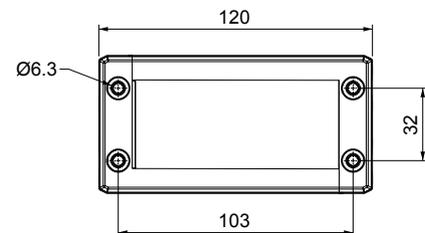
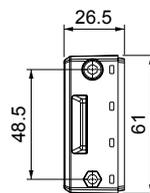
- SPP grommets (from page 46)
- SPG grommets (from page 52)
- DES Cover (page 26)
- DES Flap (page 27)
- HY360 hydraulic punch driver (page 139)
- PF/PFX cable entry system plates (from page 140)
- DES caps (page 61)
- Intumescent gasket (page 127)



\* Indoor only

Model	Code	Some possible configurations	Max. cut-out (mm)	Pcs (/pack)
DES 16	1731010016		86 x 39	10
Upon request	1731991020	Set of 4 mounting screws in AISI304 with Black Geomet finishing		

### Dimensions (mm)



IP66

NEMA 12, 4X\*

UL TYPE 12, 4X



ECOLAB

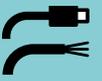


IK10





# DES 10



## Splittable frame for cables with and without connectors

### FEATURES

- Multiple configurations in the same frame
- Frame screws in AISI304 Stainless Steel
- IP66 and NEMA 4X\* certified with all configurations of grommets
- Strain relief according to EN 62444
- Sturdy construction IK10
- Overmolded gasket acc. to UL94-V0
- ATEX version on request (Group 7)
- Threaded inserts version on request



The DES 10 cable entry system consists of a splittable frame designed to accommodate small (SPP), multiple (X) or large (SPG) grommets for cables with and without connectors. The grommets can be freely positioned into the frame.

With all combinations of grommets, single, double, quadruple, big, the IP66 and NEMA 4X\* are guaranteed.

The overmolded gasket guarantees faster installation times and the complete V0 self-extinguishing of the system.

**Material:** PP+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +155°C (static)

Model	Code	Some possible configurations	Max. cut-out (mm)	Pcs (/pack)
DES 10	1731010010		63 x 39	10
Upon request	1731991020	Set of 4 mounting screws in AISI304 with Black Geomet finishing		

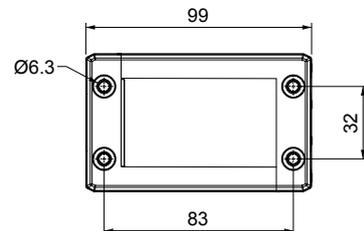
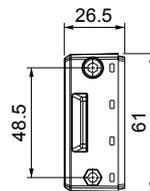
### RELATED PRODUCTS

- SPP grommets (from page 46)
- SPG grommets (from page 52)
- DES Cover (page 26)
- DES Flap (page 27)
- HY360 hydraulic punch driver (page 139)
- DES caps (page 61)
- Intumescent gasket (page 127)



\* Indoor only

### Dimensions (mm)



IP66

NEMA 12, 4X\*

UL TYPE 12, 4X



ECOLAB



IK10





## Splittable frame for cables with and without connectors

### FEATURES

- For 4 small grommets or 1 big grommet
- Frame screws in AISI304 Stainless Steel
- IP66 and NEMA 4X\* certified with all configurations of grommets
- Strain relief according to EN 62444
- Sturdy construction IK10
- Overmolded gasket acc. to UL94-V0
- ATEX version on request (Group 7)
- Threaded inserts version on request



The DES Q cable entry system consists of a splittable frame designed to accommodate small (SPP), multiple (X) or large (SPG) grommets for cables with and without connectors.

With all combinations of grommets, single, double, quadruple, big, the IP66 and NEMA 4X\* are guaranteed.

The overmolded gasket guarantees faster installation times and the complete V0 self-extinguishing of the system.

**Material:** PP+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

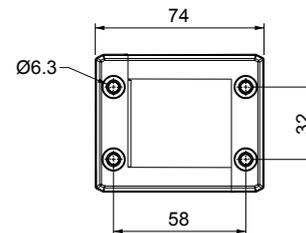
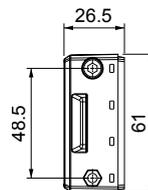
**Temperature:** -40°C... +155°C (static)

Model	Code	Some possible configurations	Max. cut-out (mm)	Pcs (/pack)
DES Q	1731010008		40 x 39	10
Upon request	1731991020	Set of 4 mounting screws in AISI304 with Black Geomet finishing		

### RELATED PRODUCTS

- Gommini SPP (da pag. 46)
- Gommini SPG (da pag. 52)
- DES Cover (pag. 26)
- DES Flap (pag. 27)
- Punzonatrice idraulica HY360 (pag. 139)
- DES caps (pag. 61)
- Guarnizione intumescente (pag. 127)

### Dimensions (mm)



\* Indoor only



IP66

NEMA 12, 4X\*

UL TYPE 12, 4X



ECOLAB

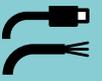


IK10





# DES L1 / L2 / L3



## Splittable frame for cables with and without connectors

### FEATURES

- For 1, 2 or 3 small SPP grommets
- Frame screws in AISI304 Stainless Steel
- IP66 and NEMA 4X\* certified with all configurations of grommets
- Strain relief according to EN 62444
- Sturdy construction IK10
- Overmolded gasket acc. to UL94-V0
- ATEX version on request (Group 7)
- Threaded inserts version on request



The DES L1, L2, L3 cable entry system consists of a splittable frame designed to accommodate small (SPP) grommets for cables with or without connectors. With all combinations of grommets, single, double, quadruple, the IP66 and NEMA 4X\* are guaranteed. The overmolded gasket guarantees faster installation times and the complete V0 self-extinguishing of the system.

**Material:** PP+GF, halogens and silicones free  
**Flammability:** self-extinguishing acc. to UL94-V0  
**Temperature:** -40°C... +155°C (static)

### RELATED PRODUCTS

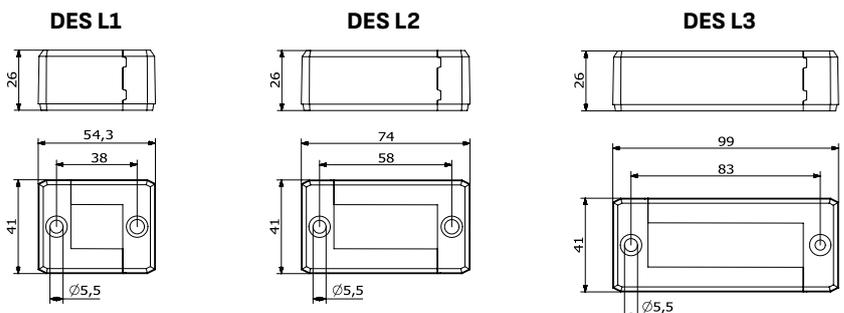
- SPP grommets (from page 46)
- HY360 hydraulic punch driver (page 139)
- DES caps (page 61)

Model	Code	Some possible configurations	Max. cut-out (mm)	Pcs (/pack)
<b>NEW</b> DES L1	1731010001		21 x 18	10
DES L2	1731010002		40 x 18	
DES L3	1731010003		63 x 18	
<b>Upon request</b>	1731991010	Set of 2 mounting screws in AISI304 with Black Geomet finishing		

### Dimensions (mm)



\* Indoor only



IP66

NEMA 12, 4X\*

UL TYPE 12, 4X



ECOLAB

UL94-V0



RoHS COMPLIANT

IK10





# DES L4/L5



Splittable frame for cables with and without connectors

## FEATURES

- For 4 or 5 small SPP grommets
- Frame screws in AISI304 Stainless Steel
- IP66 and NEMA 4X\* certified with all configurations of grommets
- Strain relief according to EN 62444
- Sturdy construction IK10
- Overmolded gasket acc. to UL94-V0
- ATEX version on request (Group 7)
- Threaded inserts version on request

The DES L4/L5 cable entry system consists of a splittable frame designed to accommodate small (SPP) grommets for cables with or without connectors.

With all combinations of grommets, single, double, quadruple, the IP66 and NEMA 4X\* are guaranteed.

The overmolded gasket guarantees faster installation times and the complete V0 self-extinguishing of the system.

**Material:** PP+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +155°C (static)

## RELATED PRODUCTS

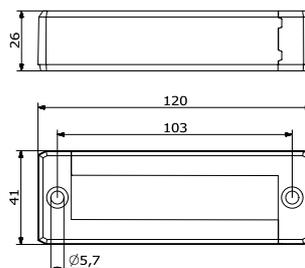
- SPP grommets (from page 46)
- HY360 hydraulic punch driver (page 139)
- DES caps (page 61)



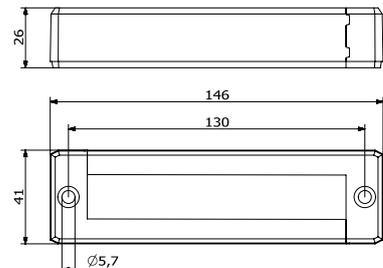
Model	Code	Some possible configurations	Max. cut-out (mm)	Pcs (/pack)
DES L4	1731010004		86 x 18	10
DES L5	1731010005		112 x 18	
Upon request	1731991010	Set of 2 mounting screws in AISI304 with Black Geomet finishing		

## Dimensions (mm)

DES L4



DES L5



\* Indoor only



IP66

NEMA 12, 4X

UL TYPE 12, 4X



ECOLAB

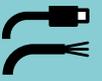


IK10





# DES FT



## Splittable frame with threaded inserts

### FEATURES

- Flat surface without dirt deposit
- Rear installation with M4 threaded inserts
- IP66 and NEMA 4X\* certified with all configurations of grommets
- Strain relief according to EN 62444
- Sturdy construction IK10
- Overmolded gasket acc. to UL94-V0

The DES FT splittable frames are equipped with threaded inserts and with front taps which allow the installation on the rear part of the panel and keep the front part clean avoiding dirt accumulation.

All the other technical data of the DES FT frames are exactly the same of DES Series.

**Material:** PP+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +155°C (static)

### RELATED PRODUCTS

- SPP grommets (from page 46)
- SPG grommets (from page 52)
- DES Cover (page 26)
- DES Flap (page 27)
- HY360 hydraulic punch driver (page 139)
- PF/PFX cable entry system plates (from page 140)
- DES caps (page 61)



M4 threaded inserts



Model	Code	Some possible configurations	Max. cut-out (mm)	Pcs (/pack)
DES L1 FT	1731410001		21 x 18	10
DES L2 FT	1731410002		40 x 18	
DES L3 FT	1731410003		63 x 18	
DES L4 FT	1731410004		86 x 18	
DES L5 FT	1731410005		112 x 18	
DES Q FT	1731410008		40 x 39	
DES 10 FT	1731410010		63 x 39	
DES 16 FT	1731410016		86 x 39	
DES 24 FT	1731410024		112 x 39	

\* Indoor only



IP66

NEMA 12, 4X

UL TYPE 12, 4X



ECOLAB



IK10





# DES 24/90



Splittable frame for cables with and without connectors

## FEATURES

- 90° cable entry
- Multiple configurations in the same frame
- Frame screws in AISI304 Stainless Steel
- IP54
- Strain relief according to EN 62444
- Sturdy construction IK10

The 90° cable entry system DES24-90 is used when the machinery construction does not allow the straight cables entrance, or when a nice design is requested. This cable entry system is suitable for both cables with or without connectors and corrugated conduits, or a mix of them. The grommets can be freely accommodated into the frame.

**Material:** PP+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +155°C (static)

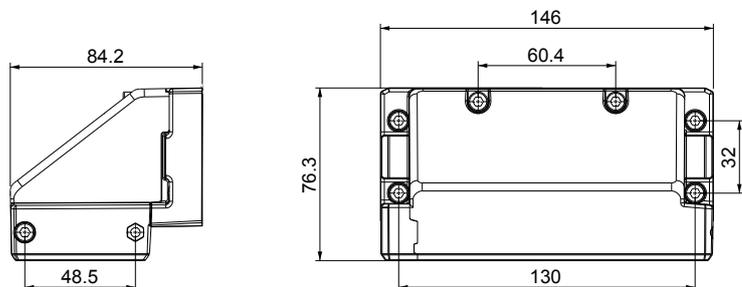
## RELATED PRODUCTS

- SPP grommets (from page 46)
- SPG grommets (from page 52)
- DES Cover (page 26)
- HY360 hydraulic punch driver (page 139)



Model	Code	Some possible configurations	Max. cut-out (mm)	Pcs (/pack)
DES 24-90	1731010124		112 x 39	10

## Dimensions (mm)



IP54

NEMA 12

UL TYPE 12



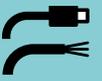
ECOLAB



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# DES 24M



## Splittable frame for cables with and without connectors

### FEATURES

- Multiple configurations with small and big grommets
- Frame screws in AISI304 Stainless Steel
- External gasket included
- Strain relief according to EN 62444
- Sturdy construction IK10
- IP54

The DES 24M splittable frame allows up to 40 cables with or without connector or one or two cables up to 35mm diameter to pass through electric cabinet or machines panels.

The small and big grommets can be freely positioned inside the frame.

The DES 24M frame is the base structure for the expandable MX version.

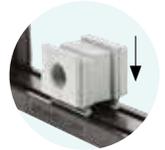
**Material:** PP+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +155°C (static)

### RELATED PRODUCTS

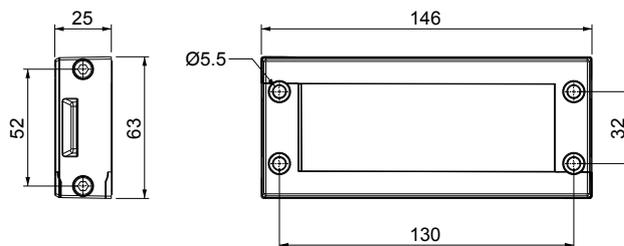
- SPP grommets (from page 46)
- SPG grommets (from page 52)
- DES Cover (page 26)
- HY360 hydraulic punch driver (page 139)
- PF/PFX cable entry system plates (from page 140)
- DES caps (page 61)



Model	Code	Some possible configurations	Max. cut-out (mm)	Pcs (/pack)
DES 24M	1731010224		114 x 40	10
Upon request	1731991020	Set of 4 mounting screws in AISI304 with Black Geomet finishing		

### Dimensions (mm)

### Tutorial



IP54

NEMA 12



ECOLAB



IK10



# DES 24MX15



Splittable frame for cables with and without connectors

## FEATURES

- Multiple configurations in the same frame
- Frame screws in AISI304 Stainless Steel
- IP54
- Strain relief acc. to EN 62444
- Sturdy construction IK10
- External gasket included

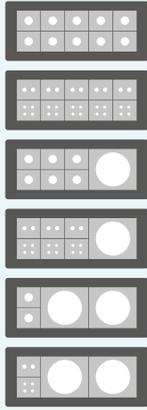


The DES 24MX15 splittable frame allow up to 60 cables with or without connector or one or two cables up to 35mm diameter to pass through electric cabinet or machines walls. The small and big grommets can be freely positioned inside the frame. The DES 24MX15 is tightened thanks to three stainless steel screws on the right side.

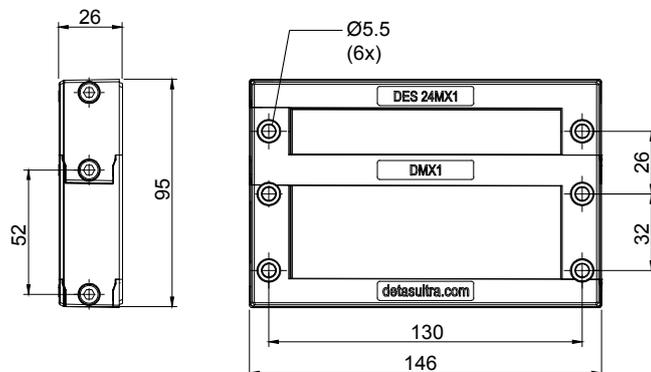
**Material:** PP+GF, halogens and silicones free  
**Flammability:** self-extinguishing acc. to UL94-V0  
**Temperature:** -40°C... +155°C (static)

## RELATED PRODUCTS

- SPP grommets (from page 46)
- SPG grommets (from page 52)

Model	Code	Some possible configurations	Dimensions (mm)	Max. cut-out (mm)	Pcs (/pack)
 DES 24MX15	1731010215		146 x 95,4	114 X 70	1
Upon request	1731991020	Set of 4 mounting screws in AISI304 with Black Geomet finishing			

## Dimensions (mm)



IP54

NEMA 12



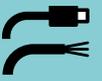
ECOLAB



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# DES 24MX



## Modular frames for cables with and without connectors

### FEATURES

- Modular solution
- Multiple configurations with small and big grommets
- Frame screws in AISI304 Stainless Steel
- IP54
- Strain relief according to EN 62444
- Sturdy construction IK10
- External gasket included



The DES 24MX splittable frames family is a modular solution for installations where a big quantity of cables need to be routed through electrical cabinets walls or panels. This solution is not only modular but it is also a general result that can be adopted as main cables entrance. Both cables with or without connector can be routed (40 for each module) and future updates can easily be organized in the cheapest and fastest way.

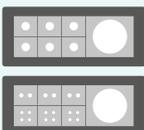
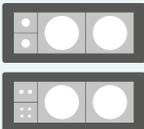
**Material:** PP+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. UL94-V0

**Temperature:** -40°C... +155°C (static)

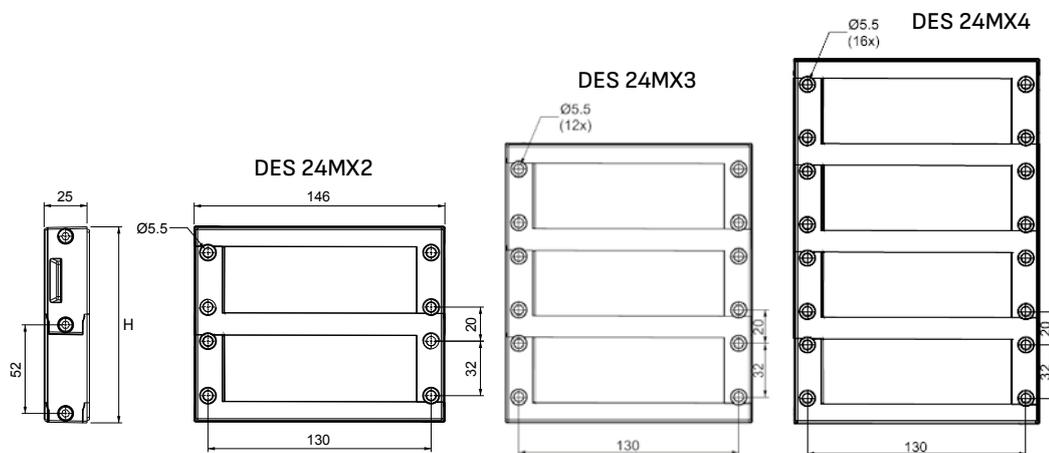
### RELATED PRODUCTS

- SPP grommets (from page 46)
- SPG grommets (from page 52)
- DES caps (page 61)

Model	Code	Some possible configurations	Dimensions (mm)	Max. cut-out (mm)	Pcs (/pack)
 <b>DES 24MX2</b>	1731010252		146 x 115	114 x 92	1
 <b>DES 24MX3</b>	1731010253		146 x 166	114 x 144	
 <b>DES 24MX4</b>	1731010254		146 x 218	114 x 196	
<b>Other models upon request</b>					
<b>Upon request</b>	1731991020	Set of 4 mounting screws in AISI304 with Black Geomet finishing			

1

### Dimensions (mm)



### Tutorial



IP54

NEMA 12



ECOLAB



IK10



# DES 16M



## Splittable frame for cables with and without connectors

### FEATURES

- Multiple configurations with small and big grommets
- Frame screws in AISI304 Stainless Steel
- External gasket included
- Strain relief according to EN 62444
- Sturdy construction IK10
- IP54

The DES 16M splittable frame allow up to 32 cables with or without connector or one or two cables up to 35mm diameter to pass through electric cabinet or machines panels. The small and big grommets can be freely positioned inside the frame.

The DES 16M frame is the base structure for the expandable MX version.

**Material:** PP+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +155°C (static)

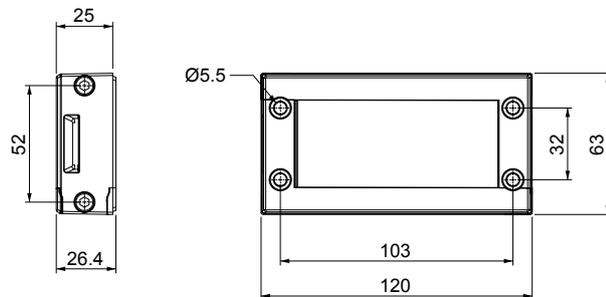
### RELATED PRODUCTS

- SPP grommets (from page 46)
- SPG grommets (from page 52)
- DES Cover (page 26)
- HY360 hydraulic punch driver (page 139)
- DES caps (page 61)



Model	Code	Some possible configurations	Max. cut-out (mm)	Pcs (/pack)
DES 16M	1731010216		86 x 40	10
Upon request	1731991020	Set of 4 mounting screws in AISI304 with Black Geomet finishing		

### Dimensions (mm)



IP54

NEMA 12



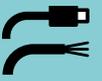
ECOLAB



IK10



# DES 16MX



## Modular frames for cables with and without connectors

### FEATURES

- Modular solution
- Multiple configurations with small and big grommets
- Frame screws in AISI304 Stainless Steel
- IP54
- Strain relief according to EN 62444
- Sturdy construction IK10
- External gasket included

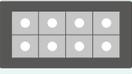
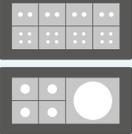
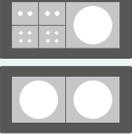
The DES 16MX splittable frames family is a modular solution for installations where a big quantity of cables need to be routed through electrical cabinets walls or panels. This solution is not only modular but it is also a general result that can be adopted as main cables entrance. Both cables with or without connector can be routed (32 for each module) and future updates can easily be organized in the cheapest and fastest way.

**Material:** PP+GF, halogens and silicones free  
**Flammability:** self-extinguishing acc. to UL94-V0  
**Temperature:** -40°C... +155°C (static)

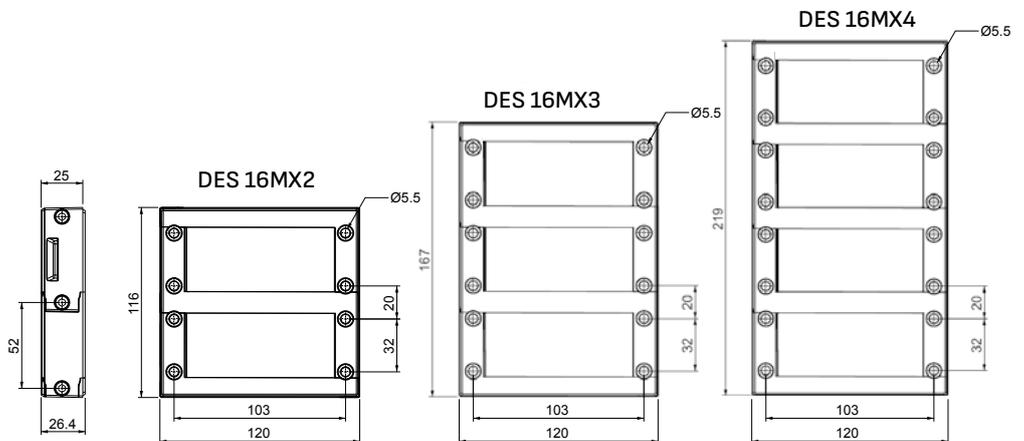
### RELATED PRODUCTS

- SPP grommets (from page 46)
- SPG grommets (from page 52)
- DES caps (page 61)



Model	Code	Some possible configurations	Dimensions (mm)	Max. cut-out (mm)	Pcs (/pack)
 DES 16MX2	1731010262		120 x 115	86 x 92	1
 DES 16MX3	1731010263		120 x 167	86 x 144	
 DES 16MX4	1731010264		120 x 219	86 x 196	
<b>Other models upon request</b>					
<b>Upon request</b>	1731991020	Set of 4 mounting screws in AISI304 with Black Geomet finishing			

### Dimensions (mm)



IP54

NEMA 12



ECOLAB



IK10



# DES 24 CLICK



Splittable frame for cables with and without connectors

## FEATURES

- For small and big grommets
- Without screws, snap closing
- Strain relief according to EN 62444
- Compact size
- IP54
- External gasket acc. to UL94-V0 included
- UL94-V0 for both grey and black grommets



The DES 24 CLICK splittable frame allows to accommodate up to 40 cables with or without connectors with diameters from 2 to 31 mm.

The frame is firmly closed with two side hooks. The frame accepts 10 small grommets or 1 big grommet and 6 small grommets.

**Material:** PC+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +155°C (static)

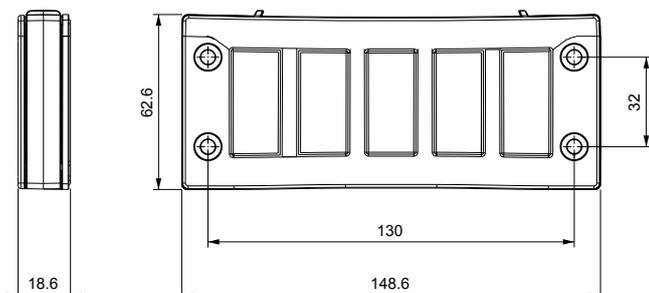
## RELATED PRODUCTS

- SPC grommets (from page 41)
- SPL grommets (from pages 44)
- HY360 hydraulic punch driver (page 139)
- PF/PFX cable entry system plates (from page 140)

Model	Code	Some possible configurations	Max. cut-out (mm)	Pcs (/pack)
DES 24 CLICK	1731010324		112 x 36	10
DES 24/2 CLICK	1731010326			
Upon request	1731991020	Set of 4 mounting screws in AISI304 with Black Geomet finishing		

NEW

## Dimensions (mm)



## Tutorial



DES 24/2 CLICK



IP54

NEMA 12

ECOLAB

UL94-V0

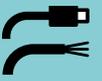
UV ISO 4892-2A

RoHS COMPLIANT

IK10



# DES 16 CLICK



Splittable frame for cables with and without connectors

## FEATURES

- For small and big grommets (same frame)
- Without screws, snap closing
- Strain relief according to EN 62444
- Compact size
- IP54
- External gasket acc. to UL94-V0 included
- UL94-V0 for both grey and black grommets



The DES 16 CLICK splittable frame allows to accommodate up to 32 cables with or without connectors with diameters from 2 to 32 mm.

The frame is firmly closed with two side hooks. The frame accepts 8 small grommets or 1 big grommet and 4 small grommets.

**Material:** PC+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

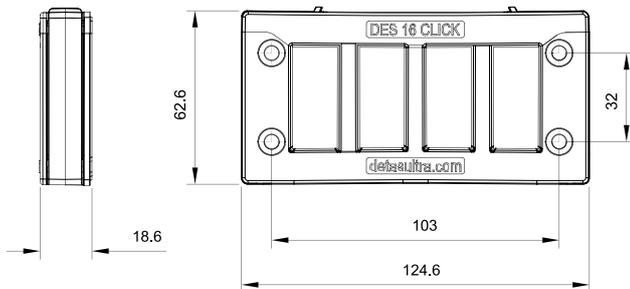
**Temperature:** -40°C... +155°C (static)

## RELATED PRODUCTS

- SPC grommets (from page 41)
- SPL grommets (from pages 44)
- HY360 hydraulic punch driver (page 139)
- PF/PFX cable entry system plates (from page 140)

Model	Code	Some possible configurations	Max. cut-out (mm)	Pcs (/pack)
DES 16 CLICK	1731010316		86 x 36	10
<b>NEW</b> DES 16/2 CLICK	1731010317			
Upon request	1731991020	Set of 4 mounting screws in AISI304 with Black Geomet finishing		

## Dimensions (mm)



## Tutorial



DES 16/2 CLICK



IP54

NEMA 12



UL94-V0



IK10



# DES 10 CLICK



Splittable frame for cables with and without connectors

## FEATURES

- For small and big grommets (same frame)
- Without screws, snap closing
- Strain relief according to EN 62444
- Compact size
- IP54
- External gasket acc. to UL94-V0 included
- UL94-V0 for both grey and black grommets



The DES 10 CLICK splittable frame allows to accommodate up to 24 cables with or without connectors with diameters from 2 to 32 mm.

The frame is firmly closed with two side hooks.

The frame accepts 6 small grommets or 1 big grommet and 2 small grommets.

**Material:** PC+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

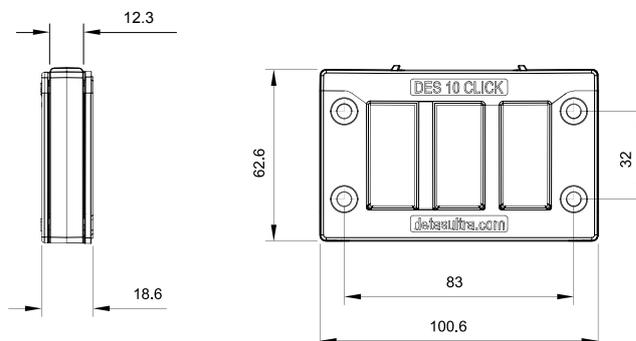
**Temperature:** -40°C... +155°C (static)

## RELATED PRODUCTS

- SPC grommets (from page 41)
- SPL grommets (from pages 44)
- HY360 hydraulic punch driver (page 139)
- PF/PFX cable entry system plates (from page 140)

Model	Code	Some possible configurations	Max. cut-out (mm)	Pcs (/pack)
DES 10 CLICK	1731010310		63 x 36	10
Upon request	1731991020	Set of 4 mounting screws in AISI304 with Black Geomet finishing		

## Dimensions (mm)



## Tutorial



IP54

NEMA 12

ECOLAB

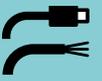


RoHS COMPLIANT

IK10



# DES Q CLICK



## Splittable frame for cables with and without connectors

### FEATURES

- For small and big grommets (same frame)
- Without screws, snap closing
- Strain relief according to EN 62444
- Compact size
- IP54
- External gasket acc. to UL94-V0 included
- UL94-V0 for both grey and black grommets



The DES Q CLICK splittable frame allows to accommodate up to 16 cables with or without connectors with diameters from 2 to 32 mm.

The frame is firmly closed with two side hooks. The same frame accepts 4 small grommets or 1 big grommet .

**Material:** PC+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

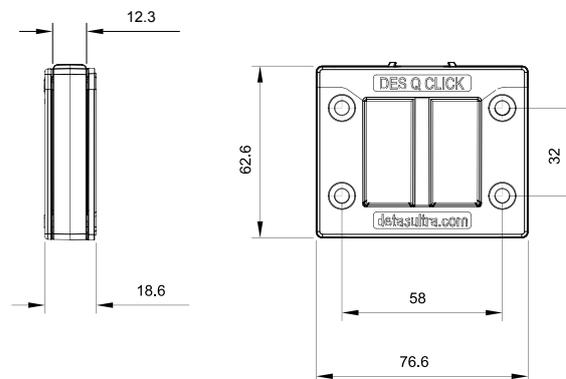
**Temperature:** -40°C... +155°C (static)

### RELATED PRODUCTS

- SPC grommets (from page 41)
- SPL grommets (from pages 44)
- HY360 hydraulic punch driver (page 139)
- PF/PFX cable entry system plates (from page 140)

Model	Code	Some possible configurations	Max. cut-out (mm)	Pcs (/pack)
DES Q CLICK	1731010308		40 x 36	10
Upon request	1731991020	Set of 4 mounting screws in AISI304 with Black Geomet finishing		

### Dimensions (mm)



### Tutorial



IP54

NEMA 12



UL94-V0



IK10



# DES 380M



## Modular frames for big diameter cables or corrugates tubes

### FEATURES

- Fast and easy fixing of big diameter cables and corrugated pipes
- Diameters from 36 to 65 mm
- Free installation on 4 sides
- IP54
- Sturdy construction IK10
- No need of gasket
- AISI 304 screws

The DES 380 splittable frame family includes the DES 380M and MX and is a modular solution for big size cables and corrugated pipes installations on electrical cabinets or machinery.

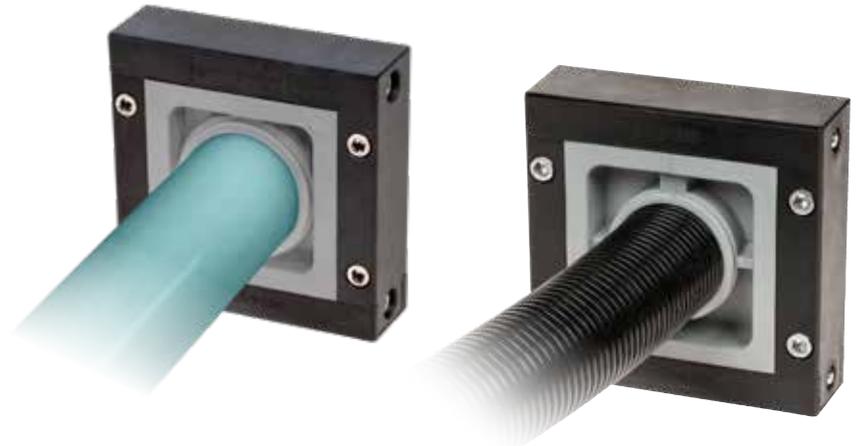
The system allows cable or corrugated pipes with diameter from 36 to 66 mm diameter to be secured in the cabinet entrance with fast and strain relief fixing.

The DES 380M is the base product for increasing the number of cables thanks to the modular capabilities of the 380 MX system.

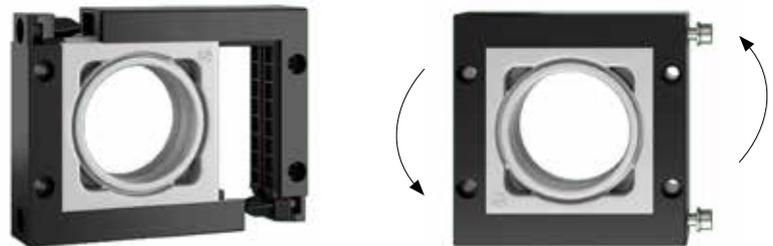
**Material:** PP+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +155°C (static)



Model	Code	Dimensions L x H (mm)	Max. cut-out (mm)	Pcs (/pack)
 DES 380M	1731010270	116 x 116	72 x 72	1

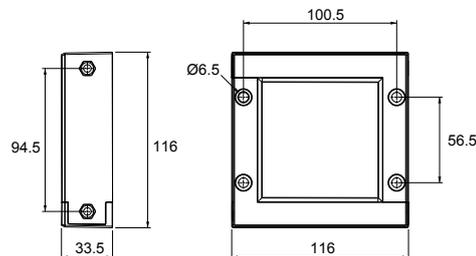


### RELATED PRODUCTS

- SPH grommets (page 60)
- PF/PFX cable entry system plates (from page 140)



### Dimensions (mm)



### Tutorial



IP54

NEMA 12

ECOLAB

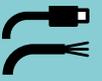


RoHS COMPLIANT

IK10



# DES 380MX



## Modular frames for big diameter cables or corrugates tubes

### FEATURES

- Fast and easy fixing of big diameter cables and corrugated pipes
- Modular system
- Diameters from 36 to 65 mm
- Horizontal or vertical installation
- IP54
- No need of gasket
- AISI 304 screws

The splittable DES 380MX frames are used for routing big diameter cables and corrugated pipes through electric, machinery or main cabinets.

The solution is modular meaning that the customer can buy the 4 frames solution for using them for 4 or less cables. Then he can add an accessory and increase easily the number of cables limitless.

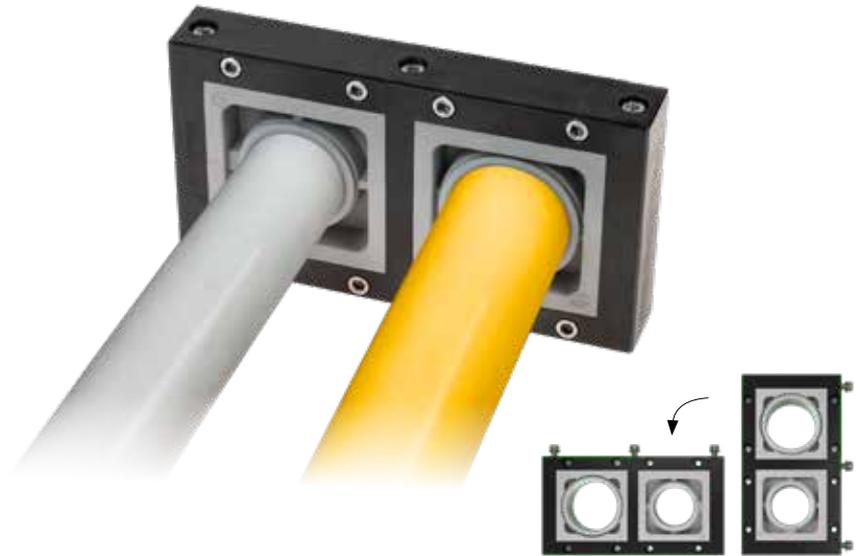
**Material:** PP+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +155°C (static)

### RELATED PRODUCTS

- SPH grommets (page 60)
- PF/PFX cable entry system plates (from page 140)

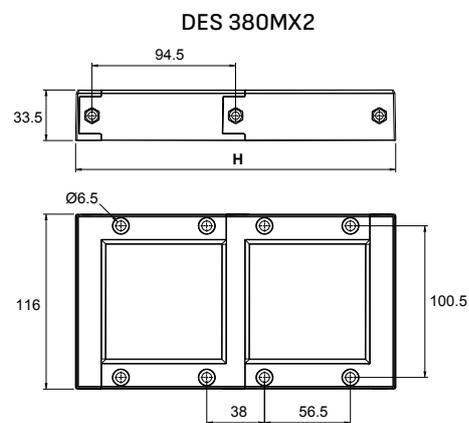


Model	Code	Dimensions L x H (mm)	Max. cut-out (mm)	Pcs (/pack)
DES 380MX2 	1731010272	210,5 x 116	166,5 x 72	
DES 380MX3 	1731010273	305 x 116	261 x 72	1
DES 380MX4 	1731010274	399,5 x 116	355,5 x 72	

Other models upon request



### Dimensions (mm)



### Tutorial



IP54

NEMA 12

ECOLAB

UL94-V0

UV ISO 4892-2A

RoHS COMPLIANT

IK10



# DES COVER



Sealing plates for DES series



## FEATURES

- Fast installation
- Gasket acc. to UL94-V0 included
- Same holes position of the DES Systems
- IP66

The DES COVER plates allow to protect the unused gaps in the cabinet, avoiding contact with the outer environment.

**Material:** PP+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

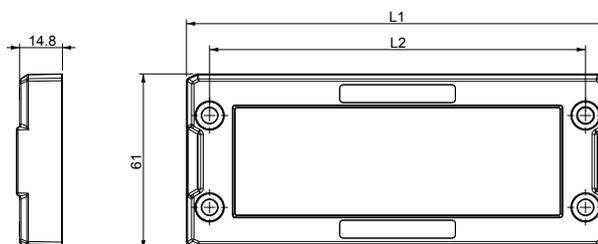
**Temperature:** -40°C... +155°C (static)

## RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q

Model	Code	Dimensions (mm)		Pcs (/pack)
		L1	L2	
DES COVER 24	1731032024	146	130	10
DES COVER 16	1731032016	120	103	
DES COVER 10	1731032010	99	83	
DES COVER Q	1731032008	74	58	
Upon request	1731991020	Set of 4 mounting screws in AISI304 with Black Geomet finishing		

## Dimensions (mm)



IP66

NEMA 12

ECOLAB

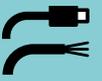
UL94-V0

UV ISO 4892-2A

RoHS COMPLIANT



# DES FLAP



Fast fixing solution for DES splittable frames



## FEATURES

- Snap fixing for the DES Series
- Gasket included
- Same holes position of the DES Systems
- IP54

The DES FLAP solution enables the DES 24, 16, 10 and Q frames to be installed with a quick snap-in connection.

The FLAP frame, once installed, hooks over the split frame and is the best solution for a flexible installation. Enclosures can be later inspected quickly and easily be dismantled.

**Material:** PP+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

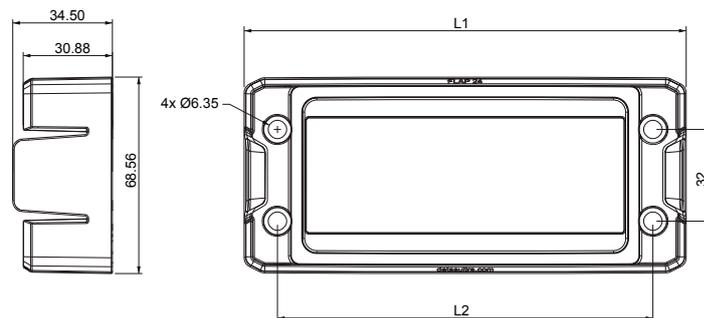
**Temperature:** -40°C... +155°C (static)

## RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DES Cover (page 26)
- PF cable entry system plates (page 140)

Model	Code	Dimensions (mm)		Max. cut-out (mm)	Pcs (/pack)
		L1	L2		
DES FLAP 24	1731031024	153	130	112 x 39	10
DES FLAP 16	1731031016	127	103	86 x 39	
DES FLAP 10	1731031010	106	83	63 x 39	
DES FLAP Q	1731031008	81	58	40 x 39	

## Dimensions (mm)



## Tutorial



IP54

NEMA 12

UL TYPE 12



ECOLAB

UL94-V0



RoHS COMPLIANT



# DES FLAP CLICK



Fast fixing solution for DES CLICK splittable frames



## FEATURES

- Snap fixing for the DES CLICK Series
- Gasket acc. to UL94-V0 included
- Same holes position of the DES Systems
- IP54

The DES FLAP CLICK solution enables the DES 24, 16, 10 Q CLICK frames to be installed with a quick snap-in connection. The FLAP CLICK frame, once installed, hooks over the split frame and is the best solution for a flexible installation. Enclosures can be inspected quickly and easily.

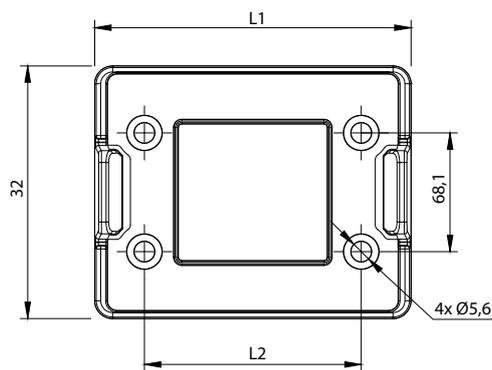
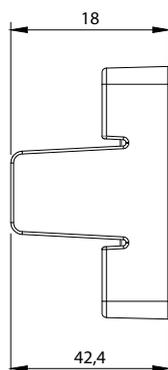
**Material:** PC+GF, halogens and silicones free  
**Flammability:** self-extinguishing acc. to UL94-V0  
**Temperature:** -40°C... +155°C (static)

Model	Code	Dimensions (mm)		Max. cut-out (mm)	Pcs (/pack)
		L1	L2		
DES FLAP 24 CLICK	1731010424	156,6	68,1	112 x 39	10
DES FLAP 16 CLICK	1731010416	132,6	68,1	86 x 39	
DES FLAP 10 CLICK	1731010410	109	68,1	63 x 39	
DES FLAP Q CLICK	1731010408	84,6	68,1	40 x 39	

## RELATED PRODUCTS

- DES 24 CLICK
- DES 16 CLICK
- DES 10 CLICK
- DES Q CLICK

## Dimensions (mm)



IP54

NEMA 12

UL TYPE 12



UL94-V0



# DIVISIBLE CABLE GLANDS

## OSF

- Snap mounting, no screws
- Versions with or without locknuts, with 90° cable entry
- M16, M20, M25, M32, M40, M50 and M63
- IP54
- For SPC & SPL grommets



## DESCCLICK

- Snap mounting, no screws
- With Locknut
- M20, M25, M32, M32, M50
- IP54
- For SPP & SPG grommets



## DESPRED

- AISI316L screws
- With Locknut
- Up to 16 Cables
- M25 / M32 / M63
- IP66
- For SPP/SPG grommets





## Divisible cable glands with locknut

### FEATURES

- Metric sizes
- Without screws
- IP54
- Locknut and gasket included
- Available colors: grey and black

OSF is a divisible cable gland with metric thread especially designed for cables with connectors.

The compact size and nice design are just a few of the countless advantages of the OSF Family.

OSF can be equipped with SPC grommets with single or multiple holes for both black and grey UL94V0 colors.

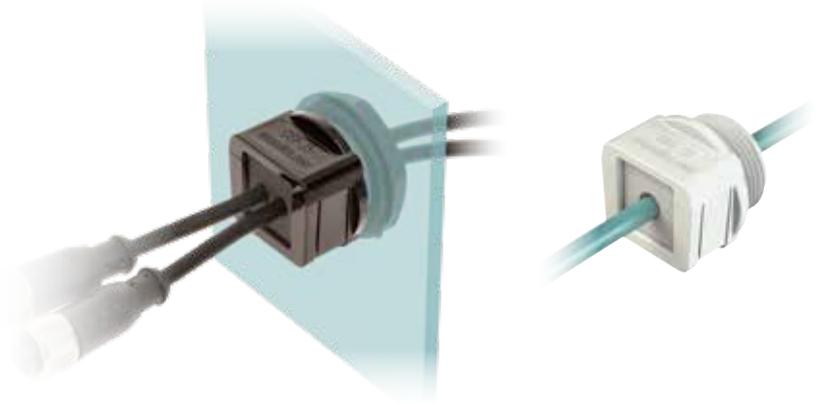
**Material:** PC, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +130°C (static)

### RELATED PRODUCTS

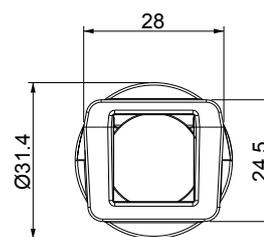
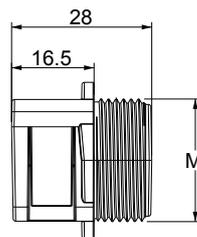
- Divisible locknuts (page 39-40)
- SPC grommets (from page 41)
- OSF EMC (page 129)
- HY360 hydraulic punch driver (page 139)



Model	Code	Max. grommet sizes			Max. cut-out (Ø mm)	Pcs (/pack)
		● ●	● ● ●	● ● ● ●		
<b>OSF 16G</b>	1731052316	SPC 10	SPC 2x4	SPC 4x4	16,5	10
<b>OSF 20G</b>	1731052320	SPC 14	SPC 2x5	SPC 4x5	20,5	
<b>OSF 25G</b>	1731052325	SPC 14	SPC 2x7	SPC 4x6	25,5	
<b>OSF 32G</b>	1731052332	SPC 14	SPC 2x7	SPC 4x6	32,5	
<b>OSF 16B</b>	1731052416	SPC 10	SPC 2x4	SPC 4x4	16,5	
<b>OSF 20B</b>	1731052420	SPC 14	SPC 2x5	SPC 4x5	20,5	
<b>OSF 25B</b>	1731052425	SPC 14	SPC 2x7	SPC 4x6	25,5	
<b>OSF 32B</b>	1731052432	SPC 14	SPC 2x7	SPC 4x6	32,5	



### Dimensions (mm)



### Tutorial



IP54

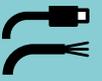
NEMA 12



IK10



# OSF 40



## Divisible cable gland with locknut

### FEATURES

- M40 metric size
- Without screws
- IP54
- Locknut and gasket included
- Available colors: grey and black

OSF 40 is a divisible cable gland with metric thread especially designed for cables with connectors.

Is it possible to route up to 8 cables with connectors.

OSF 40 can be equipped with SPC grommets with single or multiple holes for both black and grey UL94V0 colors.

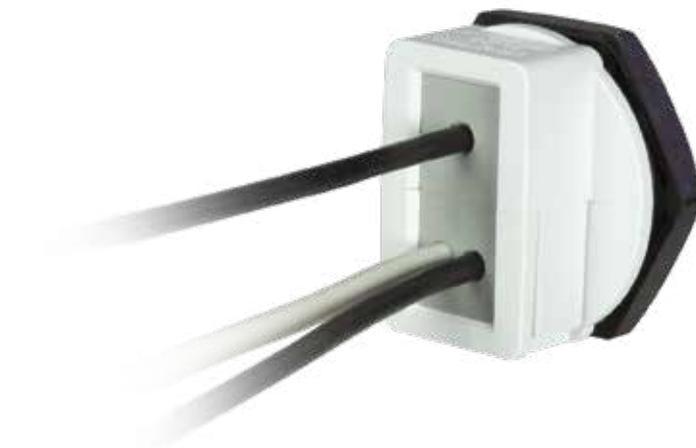
**Material:** PC, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +130°C (static)

### RELATED PRODUCTS

- SPC grommets (from page 41)
- HY360 hydraulic punch driver (page 139)
- Divisible locknuts (page 39-40)

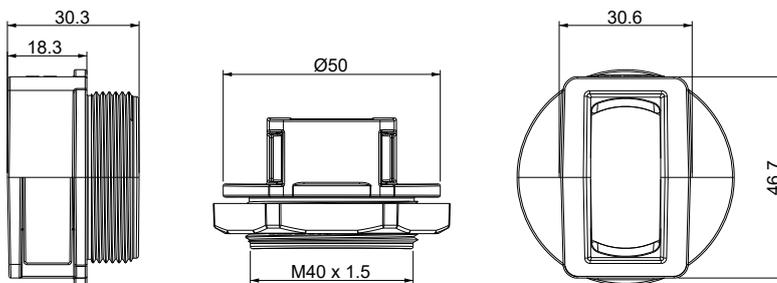


Model	Code	Max. grommet sizes			Max. cut-out (mm)	Pcs (/pack)
 <b>OSF40G</b>	1731052340				40,5	10
 <b>OSF40B</b>	1731052440					

### Some possible configurations



### Dimensions (mm)



### Tutorial



IP54

NEMA 12



IK10



# OSF 50/63



## Divisible cable gland with locknut

### FEATURES

- M50 and M63 metric size
- Without screws
- IP54
- Locknut and gasket included
- Suitable for small or big grommets
- Available colors: grey and black

OSF50 and OSF63 are divisible cable glands with metric thread especially designed for cables with connectors.

Is it possible to route up to 16 cables with connectors.

OSF50 and OSF63 can be equipped in the same frame with SPC grommets with single or multiple holes from 2 to 14 mm diameter or with SPL grommets from 12 to 29 mm diameter. Both black and grey frame and grommets comply with UL94V0.

**Material:** PC, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +130°C (static)

### RELATED PRODUCTS

- SPC grommets (from page 41)
- SPL grommets (from page 44)
- HY360 hydraulic punch driver (page 139)
- Divisible locknuts (page 39-40)

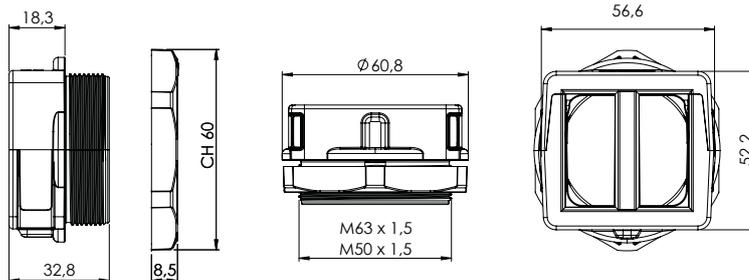


Model	Code	Max. grommet sizes				Max. cut-out (mm)	Pcs (/pack)
OSF50G	1731052350					50,5	10
OSF50B	1731052450						
OSF63G	1731052363	SPC 14	SPC 2 x 6	SPC 4 x 6	SPL 29	63,5	
OSF63B	1731052460						

### Some possible configurations



### Dimensions (mm)



### Tutorial



IP54

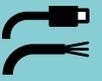
NEMA 12



IK10



# OSF90



## Divisible cable glands with 90° entry

### FEATURES

- 90° cable entry system
- Without screws
- IP54
- Locknut included
- Available colors: grey and black

OSF90 is a 90° divisible cable gland with metric thread especially designed for cables with connectors. The 90° entry systems nice looking gives more "design" to the machine or cabinet.

The compact size and nice design are only few advantages of the OSF Family. OSF 90 can be equipped with SPC grommets with single or multiple holes for both black and grey UL94V0 colors.

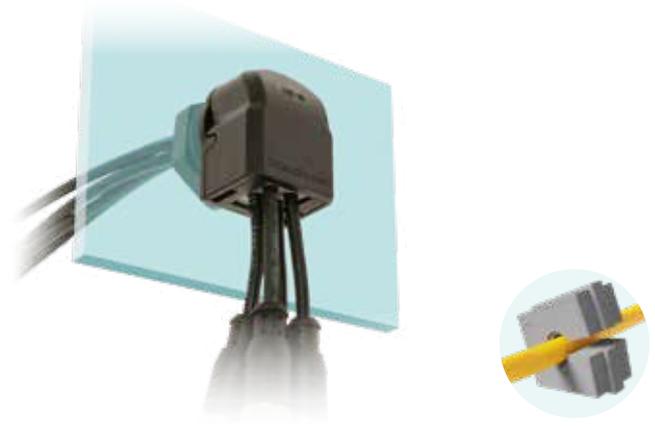
**Material:** PC, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +130°C (static)

### RELATED PRODUCTS

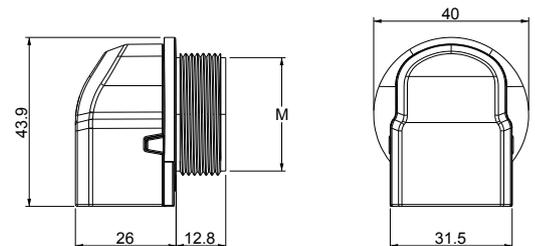
- SPC grommets (from page 41)
- Divisible locknuts (page 37-38)
- OSF EMC (pag. 120)
- HY360 hydraulic punch driver (page 130)



Model	Code	Max. grommet sizes			Max. cut-out (Ø mm)	Pcs (/pack)
		● ●	● ● ●	● ● ● ●		
OSF90 16G	1731052916	SPC 10	SPC 2x4	SPC 4x4	16,5	10
OSF90 20G	1731052920	SPC 10	SPC 2x5	SPC 4x5	20,5	
OSF90 25G	1731052925	SPC 10	SPC 2x7	SPC 4x6	25,5	
OSF90 32G	1731052932	SPC 10	SPC 2x7	SPC 4x6	32,5	
OSF90 16B	1731052917	SPC 10	SPC 2x4	SPC 4x4	16,5	
OSF90 20B	1731052921	SPC 10	SPC 2x5	SPC 4x5	20,5	
OSF90 25B	1731052926	SPC 10	SPC 2x7	SPC 4x6	25,5	
OSF90 32B	1731052933	SPC 10	SPC 2x7	SPC 4x6	32,5	

### Dimensions (mm)

Cable bend radius max. 10 mm



IP54

NEMA 12



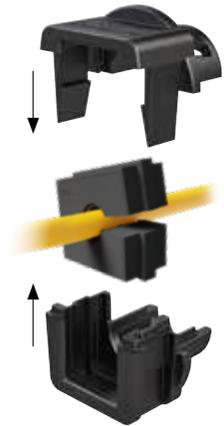
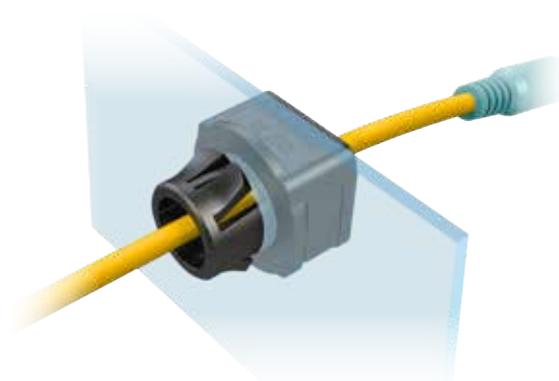
IK10



# OSF ZIP



## Divisible cable glands with snap mounting



### FEATURES

- Without screws
- Snap mounting without locknut
- Wall thickness from 1,2 to 2 mm
- Gasket included
- IP54
- Grey or black version

OSF ZIP is a divisible cable gland for metric holes especially designed for cables with connectors. The installation can be made only from the front since no locknut is required.

OSF ZIP can be equipped with SPC grommets with single, double or quadruple holes from 2 to 14 mm diameter.

**Material:** PC, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

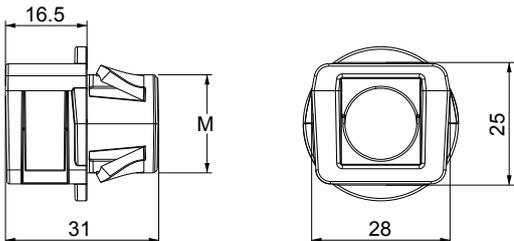
**Temperature:** -40°C... +130°C (static)

### RELATED PRODUCTS

- SPC grommets (from page 41)
- HY360 hydraulic punch driver (page 139)

Model	Code	Max. grommet sizes			Max. cut-out (Ø mm)	Pcs (/pack)
		● ●	● ● ●	● ● ● ●		
OSF ZIP 16G	1731052716	SPC 10	SPC 2x4	SPC 4x4	16,5	10
OSF ZIP 20G	1731052720	SPC 14	SPC 2x5	SPC 4x5	20,5	
OSF ZIP 25G	1731052725	SPC 14	SPC 2x7	SPC 4x6	25,5	
OSF ZIP 32G	1731052732	SPC 14	SPC 2x7	SPC 4x6	32,5	
OSF ZIP 16B	1731052816	SPC 10	SPC 2x4	SPC 4x4	16,5	
OSF ZIP 20B	1731052820	SPC 14	SPC 2x5	SPC 4x5	20,5	
OSF ZIP 25B	1731052825	SPC 14	SPC 2x7	SPC 4x6	25,5	
OSF ZIP 32B	1731052832	SPC 14	SPC 2x7	SPC 4x6	32,5	

### Dimensions (mm)



### Tutorial



### Disassembly bracket

Model	Code
OSF ZH16	1731052850
OSF ZH20	1731052851
OSF ZH25	1731052852
OSF ZH32	1731052853



IP54

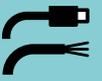
NEMA 12



IK10



# DESCCLICK



## Divisible cable glands with locknut

### FEATURES

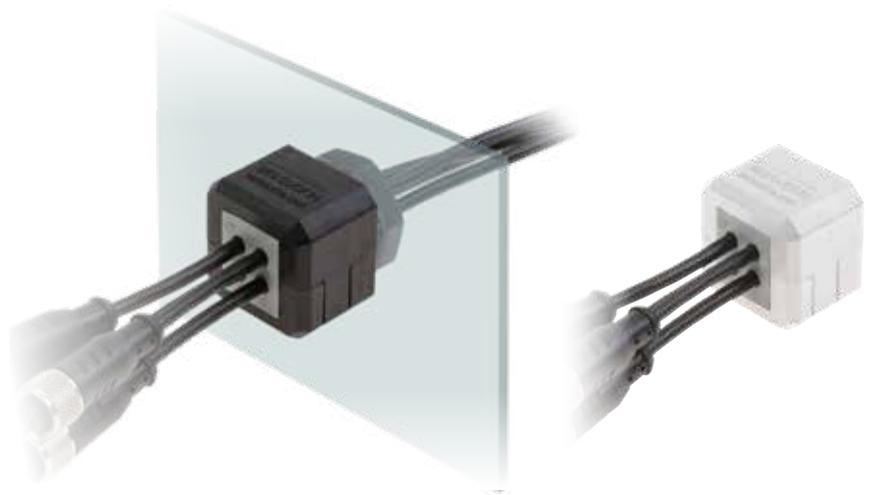
- Without screws
- Metric sizes: M20, M25 and M32
- Strain relief according to EN 62444
- Sturdy construction IK10
- IP54
- Locknut and gasket included
- Grey or black version

DESCCLICK is a metric, divisible cable gland for cables with and without connectors. DESCCLICK works with single and multiple cable grommets ranging from 2 to 16 mm diameter.

**Material:** PC, halogens and silicones free  
**Flammability:** self-extinguishing acc. to UL94-V0  
**Temperature:** -40°C... +130°C (static)

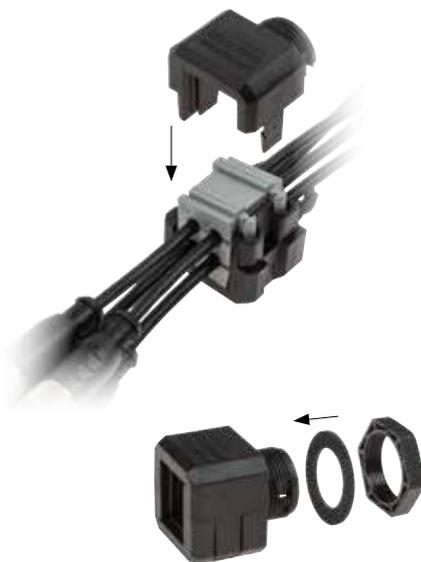
### RELATED PRODUCTS

- SPP grommets (from page 46)
- HY360 hydraulic punch driver (page 139)
- Divisible locknuts (page 39-40)

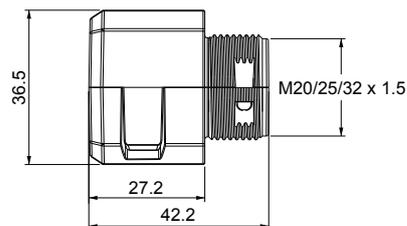


Model	Code	Max. grommet sizes	Max. cut-out (Ø mm)	Pcs (/pack)
-------	------	--------------------	---------------------	-------------

		● ●	● ● ● ●	● ● ● ● ● ●		
<b>DESCCLICK 20B</b>	1731051020	SPP 12	SPP 2x5	SPP 4x2	20,5	10
<b>DESCCLICK 25B</b>	1731051025	SPP 16	SPP 2x6	SPP 4x4	25,5	
<b>DESCCLICK 32B</b>	1731051032	SPP 16	SPP 2x7	SPP 4x6	32,5	
<b>DESCCLICK 20G</b>	1731051320	SPP 12	SPP 2x5	SPP 4x2	20,5	
<b>DESCCLICK 25G</b>	1731051325	SPP 16	SPP 2x6	SPP 4x4	25,5	
<b>DESCCLICK 32G</b>	1731051332	SPP 16	SPP 2x7	SPP 4x6	32,5	



### Dimensions (mm)



### Tutorial



IP54

NEMA 12

UL TYPE 12



UL94-V0



RoHS COMPLIANT

IK10



# DESCCLICK 50



Divisible cable glands with locknut

## FEATURES

- Without screws
- Strain relief according to EN 62444
- M50 metric size
- Sturdy construction IK10
- IP54

DESCCLICK 50 is a divisible cable gland with M50 thread. It includes the M50 nut. DESCCLICK 50 can be used for small, multiple, perforable and big grommets for cables with or without connectors.

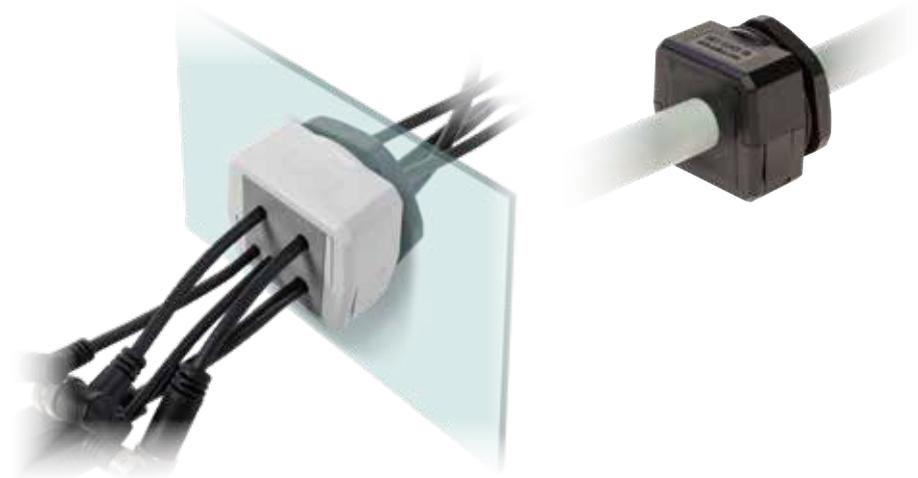
**Material:** PC, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +130°C (static)

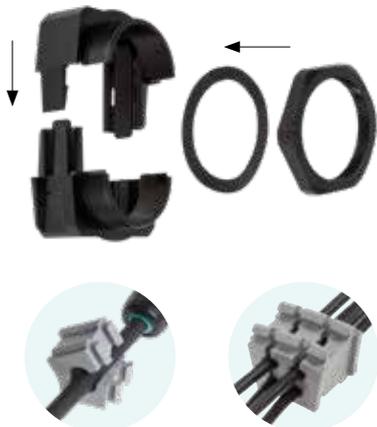
## RELATED PRODUCTS

- SPP grommets (from page 46)
- SPG grommets (from page 52)
- HY360 hydraulic punch driver (page 139)
- Divisible locknuts (page 39-40)

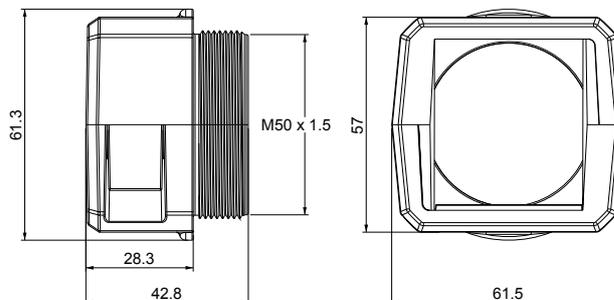


Model	Code	Max. grommet sizes				Max. cut-out (Ø mm)	Pcs (/pack)
 <b>DESCCLICK 50B</b>	1731051050					50,5	10
 <b>DESCCLICK 50G</b>	1731051350	SPP 15	SPP 2 x 6	SPP 4 x 3	SPG 34		

### Some possible configurations



## Dimensions (mm)



## Tutorial



IP54

NEMA 12

UL TYPE 12



UL94-V0

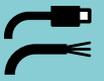


RoHS COMPLIANT

IK10



# DESPRED



## Divisible cable glands with locknut

### FEATURES

- Frame screws in AISI304 Stainless Steel with Black Dacromet finishing
- M25, M32 and M63 metric sizes
- IP66 and Nema 4X\* certified
- Strain relief according to EN 62444
- Sturdy construction IK10
- Integrated gasket
- ATEX version on request (Group 7)

The DESPRED series are divisible cable glands with metric thread.

The 63 model can be used with small, multiple and large grommets for cables up to to 34 mm diameter. With multiple grommets it is possible to accommodate up to 16 cables. Future cable size changes can also be easily accommodated using various grommets.

**Material:** PP+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +155°C (static)

### RELATED PRODUCTS

- SPP grommets (from page 46)
- SPG grommets (from page 52)
- HY360 hydraulic punch driver (page 139)
- Divisible locknuts (page 39-40)

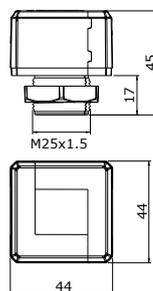


Model	Code	Some possible configurations	Max cut-out (Ø mm)	Pcs (/pack)
DESPRED 25	1731050025		25,5	10
DESPRED 32	1731050032		32,5	
DESPRED 63	1731050063		63,5	

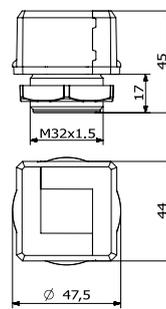
### Dimensions (mm)



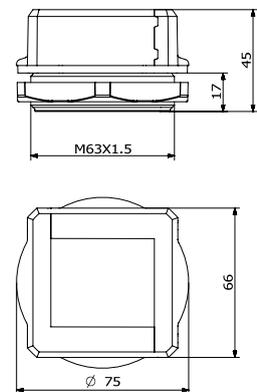
DESPRED 25



DESPRED 32



DESPRED 63



\* Indoor only



IP66

NEMA 12, 4X\*

UL TYPE 12, 4X



ECOLAB



IK10





# DESPRED 50-90



Divisible cable gland with locknut - 90° entry

## FEATURES

- Without screws
- Metric size
- Strain relief according to EN 62444
- IP54
- Sturdy construction IK10

DESPRED 50-90 is a M50 metric, divisible cable gland with a 90° entry. It works with small, multiple and large grommets for cables ranging from 2 to 17 mm diameter. The multiple grommets allow to accommodate up to 16 cables. Large grommets are used with corrugated tubes.

**Material:** PA+PC, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +155°C (static)

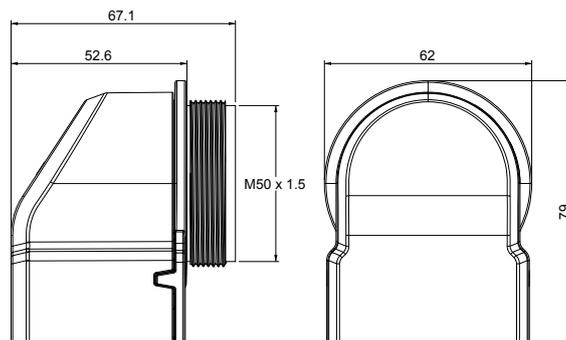
## RELATED PRODUCTS

- SPP grommets (from page 46)
- SPG grommets (from page 52)
- HY360 hydraulic punch driver (page 139)



Model	Code	Some possible configurations	Max. cut-out (Ø mm)	Pcs (/pack)
DESPRED 50-90	1731050250		50,5	10

## Dimensions (mm)



IP54

NEMA 12

UL TYPE 12



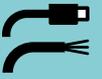
ECOLAB

UL94-V0



RoHS COMPLIANT

IK10



## Divisible locknuts M20, M25, M32, M40, M50, M63

### FEATURES

- Divisible metric thread locknuts
- UL94-V0
- Black colour
- Recommended tightening torque 7 Nm

The DDMD divisible locknuts allow the pass through of connectors which are dimensionally larger than the conventional locknuts. Six sizes are available, all for metric threads.

**Material:** PA66, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +120°C (static)

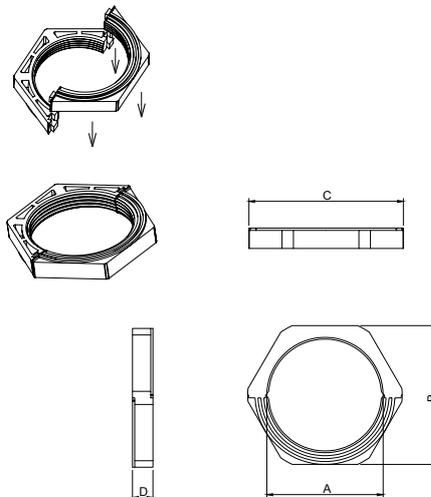


### RELATED PRODUCTS

- OSF
- OSF40
- OSF 90
- DESPRED
- DESPRED ZZ
- DESCLICK
- DESCLICK 50
- DESCLICK Z

Model	Code	Thread	Pcs (/pack)
DDMD M20	1731253020	M20	10
DDMD M25	1731253025	M25	
DDMD M32	1731253032	M32	
DDMD M40	1731253040	M40	
DDMD M50	1731253050	M50	
DDMD M63	1731253063	M63	

### Dimensions (mm)



IK10



# DDM SUB-D9



## SUB-D9 locknut

### FEATURES

- Divisible metric thread locknuts, suitable to SUB-D9 connector (DVI, Profibus)
- UL94-V0
- Black colour
- Recommended tightening torque 8 Nm

This locknut allows the pass through of SUB-D9 connectors (DVI or PROFIBUS), in the case of using a M32 cable gland, simplify machinery wiring.

Available on demand and suitable to: DESCLICK 32, DESPRED 32, DESPRED ZZ 32, OSF 32.

**Material:** PA66, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +120°C (static)

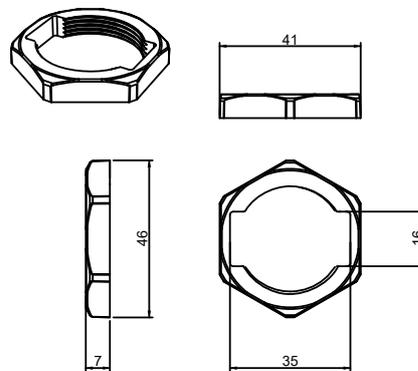


Model	Code	Thread	Pcs (/pack)
DDM SUB-D9	1731052032	M32 locknut for SUB-D9	10

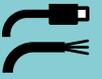
### RELATED PRODUCTS

- OSF
- OSF 90
- DESPRED
- DESPRED ZZ
- DESCLICK
- DESCLICK Z

### Dimensions (mm)



IK10



## Grommets single, double, quadruple for OSF and DES CLICK Family



### FEATURES

- Openable cable grommets for diameters from 2 to 14 mm
- "Blind" version available
- Grey and black versions
- UL94-V0 for both colors

The SPC cable grommets are openable grommets which can be used into the OSF or DES "XX" CLICK series for routing preterminated cables with diameters from 2 to 14 mm.

The 2X and 4X allow multiple cables to be routed into the same cable gland.

**Material:** TPE, halogens and silicones free

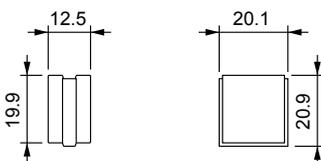
**Flammability:** self-extinguishing acc. to UL94-V0 (grey or black)

**Temperature:** -40°C... +110°C (static)

### RELATED PRODUCTS

- OSF
- OSF 90
- OSF ZIP
- DES 24 CLICK
- DES 16 CLICK
- DES 10 CLICK
- DES Q CLICK

### Dimensions (mm)



Model	Code	Ø Cable (mm)	Model	Code	Pcs (/pack)
-------	------	--------------	-------	------	-------------

◻			◼		
<b>SPC 0G</b>	1731052500	"Blind"	<b>SPC 0B</b>	1731052600	10
<b>SPC 2G</b>	1731052502	2-3	<b>SPC 2B</b>	1731052602	
<b>SPC 3G</b>	1731052503	3-4	<b>SPC 3B</b>	1731052603	
<b>SPC 4G</b>	1731052504	4-5	<b>SPC 4B</b>	1731052604	
<b>SPC 5G</b>	1731052505	5-6	<b>SPC 5B</b>	1731052605	
<b>SPC 6G</b>	1731052506	6-7	<b>SPC 6B</b>	1731052606	
<b>SPC 7G</b>	1731052507	7-8	<b>SPC 7B</b>	1731052607	
<b>SPC 8G</b>	1731052508	8-9	<b>SPC 8B</b>	1731052608	
<b>SPC 9G</b>	1731052509	9-10	<b>SPC 9B</b>	1731052609	
<b>SPC 10G</b>	1731052510	10-11	<b>SPC 10B</b>	1731052610	
<b>SPC 11G</b>	1731052511	11-12	<b>SPC 11B</b>	1731052611	
<b>SPC 12G</b>	1731052512	12-13	<b>SPC 12B</b>	1731052612	
<b>SPC 13G</b>	1731052513	13-14	<b>SPC 13B</b>	1731052613	
<b>SPC 14G</b>	1731052514	14-15	<b>SPC 14B</b>	1731052614	

◻◻			◼◼		
<b>SPC 2x2G</b>	1731052522	2	<b>SPC 2x2B</b>	1731052622	10
<b>SPC 2x3G</b>	1731052523	3	<b>SPC 2x3B</b>	1731052623	
<b>SPC 2x4G</b>	1731052524	4	<b>SPC 2x4B</b>	1731052624	
<b>SPC 2x5G</b>	1731052525	5	<b>SPC 2x5B</b>	1731052625	
<b>SPC 2x6G</b>	1731052526	6	<b>SPC 2x6B</b>	1731052626	
<b>SPC 2x7G</b>	1731052527	7	<b>SPC 2x7B</b>	1731052627	

◻◻◻			◼◼◼		
<b>SPC 4x2G</b>	1731052532	2	<b>SPC 4x2B</b>	1731052632	10
<b>SPC 4x3G</b>	1731052533	3	<b>SPC 4x3B</b>	1731052633	
<b>SPC 4x4G</b>	1731052534	4	<b>SPC 4x4B</b>	1731052634	
<b>SPC 4x4,5G</b>	1731052537	4,5	<b>SPC 4x4,5B</b>	1731052637	
<b>SPC 4x5G</b>	1731052535	5	<b>SPC 4x5B</b>	1731052635	
<b>SPC 4x6G</b>	1731052536	6	<b>SPC 4x6B</b>	1731052636	



IP54

NEMA 12



ECOLAB

UL94-V0



RoHS COMPLIANT



# SPC R



## SPC grommets with extended range

### FEATURES

- Multi-Range grommets for cables from 3 to 12 mm diameter
- IP54
- Grey and black colours available
- UL94-V0 for both colours

The SPC R family's extended range grommets allow cables with and without connectors to be routed through DES xx CLICK and OSF frames. Only three models are covering the diameters from 3 to 12 mm (R1...R3).

The use of SPC R grommets improves stock management by making cable management more flexible.

**Material:** TPE, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0 (grey or black)

**Temperature:** -40°C... +110°C (static)

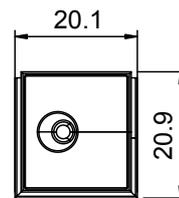
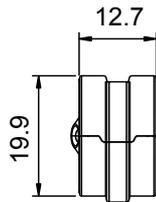
### RELATED PRODUCTS

- OSF
- OSF 90
- OSF ZIP
- DES 24 CLICK
- DES 16 CLICK
- DES 10 CLICK
- DES Q CLICK



	Model	Code	Model	Code	Ø Cable max (mm)	Pcs (/pack)
NEW	SPC R1G	1731053101	SPC R1B	1731053106	3-6	10
	SPC R2G	1731053102	SPC R2B	1731053107	6-9	
	SPC R3G	1731053103	SPC R3B	1731053108	9-12	

### Dimensions (mm)



IP54

NEMA 12



ECOLAB

UL94-V0



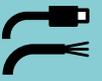
RoHS COMPLIANT



UL TYPE 12



# SPC K



## SPC grommets with extended range for cables without connectors

### FEATURES

- For cables without connectors with diameter from 2,5 to 14 mm
- "Blind" pierceable grommets
- Grey and black colours available
- UL94-V0 for both colours
- IP54



The SPC K grommets have a dual function: they can be used as single grommets for a cable without connector (cable diameter from 2.5 to 14mm depending on the model) or as "blind" grommet for future applications of cables without connectors. The double membrane guarantees high protection from water and dust together with a high strain relief function.

**Material:** TPE, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0 (grey or black)

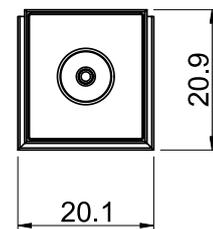
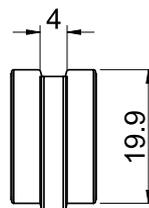
**Temperature:** -40°C... +110°C (static)

### RELATED PRODUCTS

- DES 24 CLICK
- DES 16 CLICK
- DES 10 CLICK
- DES Q CLICK
- OSF
- OSF 90
- OSF ZIP

Model	Code	Model	Code	Ø Cable max (mm)	Pcs (/pack)
					
<b>SPC K1G</b>	1731052550	<b>SPC K1B</b>	1731052650	8	10
<b>SPC K2G</b>	1731052555	<b>SPC K2B</b>	1731052652	11	
<b>SPC K3G</b>	1731052560	<b>SPC K3B</b>	1731052654	13	
<b>SPC K4G</b>	1731052565	<b>SPC K4B</b>	1731052656	14	

### Dimensions (mm)



IP54

NEMA 12



ECOLAB



UL TYPE 12



## SPL grommets - large with extended range

### FEATURES

- Large grommets for cables from 11,5 to 31 mm diameter
- Suitable for OSF 50/63 and DES CLICK Frames
- "Blind" version available
- Grey and black colours available
- UL94-V0 for both colours
- IP54



The SPL cable grommets are openable grommets which can be used into the DES 24, 16, 10, Q CLICK frames for cables with diameters from 11,5 to 31 mm.

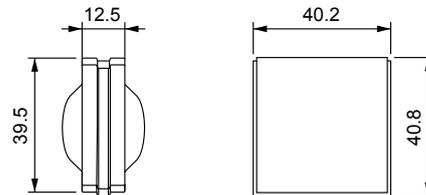
**Material:** TPE, halogens and silicones free  
**Flammability:** self-extinguishing acc. to UL94-V0 (grey or black)  
**Temperature:** -40°C... +110°C (static)

### RELATED PRODUCTS

- DES 24 CLICK
- DES Q CLICK
- DES 16 CLICK
- OSF 50/63
- DES 10 CLICK

Model	Code	Ø Cable (mm)	Model	Code	Pcs (/pack)
<b>SPL OG</b>	1731053000	"Blind"	<b>SPL OB</b>	1731053001	10
<b>SPL 13G</b>	1731053005	11,5-16	<b>SPL 13B</b>	1731053025	
<b>SPL 17G</b>	1731053010	16-20	<b>SPL 17B</b>	1731053030	
<b>SPL 21G</b>	1731053013	20-24	<b>SPL 21B</b>	1731053033	
<b>SPL 25G</b>	1731053015	24-28	<b>SPL 25B</b>	1731053035	
<b>SPL 29G</b>	1731053020	28-31	<b>SPL 29B</b>	1731053040	

### Dimensions (mm)



IP54

NEMA 12



ECOLAB

UL94-V0



RoHS COMPLIANT



# SPL M



## Large multiple grommets for cables without connectors – double membrane

### FEATURES

- Multiple grommets for high number of cables without connectors
- Grey and black colours available
- UL94-V0 for both colors
- Strain relief according to EN 62444

The SPL M rubber grommets allow many non-terminated cables to be routed through the OSF 50/63 and the DES CLICK Family frames, saving a lot of space compared to the conventional cable glands. After having slightly perforated the front membrane, the cable of the required dimensions is pushed through the wall where the second membrane allows a perfect mechanical and fluidic seal.

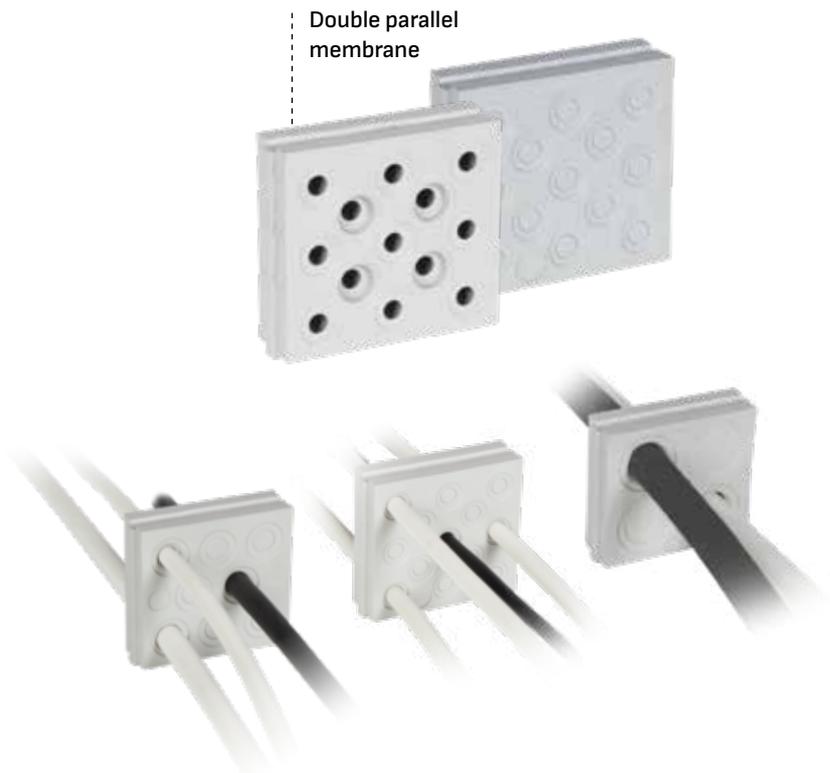
**Material:** TPE, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0 (grey or black)

**Temperature:** -40°C... +110°C (static)

### RELATED PRODUCTS

- DES 24 CLICK
- DES Q CLICK
- DES 16 CLICK
- OSF 50/63
- DES 10 CLICK

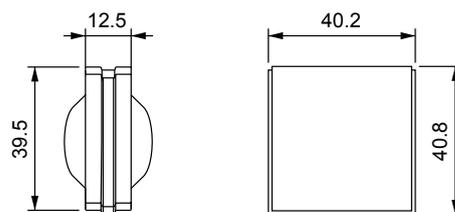


Model	Code	Nr. cables	Ø Cable max (mm)	Model	Code	Pcs (/pack)
SPL M 4G	1731053050	4	16	SPL M4B	1731053060	
SPL M 8G	1731053055	8	10	SPL M8B	1731053065	10
SPL M 13G	1731053058	13	6,5	SPL M13B	1731053068	

1



### Dimensions (mm)



IP54

NEMA 12



ECOLAB

UL94-V0



RoHS COMPLIANT



## SPP grommets – small: single, double and quadruple



### FEATURES

- Grommets for cables from 2 to 17 mm diameter
- “Blind” version available
- Grey and black colours available
- UL94-V0 for both colours
- ATEX version on request (Group 7)

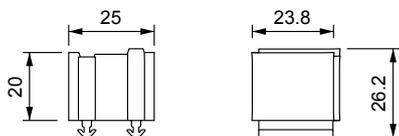
The SPP grommets allow several cables with or without connectors from 2 to 17 mm diameter to be routed in the DES splittable frame. The 2X and 4X\* versions allow multiple cables in the same grommet.

**Material:** TPE, halogens and silicones free  
**Flammability:** self-extinguishing acc. to UL94-V0 (grey or black)  
**Temperature:** -40°C... +110°C (static)

### RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX
- DES 16M
- DES 16MX

### Dimensions (mm)



Model	Code	Ø Cable (mm)	Model	Code	Pcs (/pack)
□			●		
<b>SPP 0G</b>	1731020100	“Blind”	<b>SPP 0B</b>	1731020200	10
<b>SPP 2G</b>	1731020102	2-3	<b>SPP2B</b>	1731020202	
<b>SPP 3G</b>	1731020103	3-4	<b>SPP 3B</b>	1731020203	
<b>SPP 4G</b>	1731020104	4-5	<b>SPP 4B</b>	1731020204	
<b>SPP 5G</b>	1731020105	5-6	<b>SPP 5B</b>	1731020205	
<b>SPP 6G</b>	1731020106	6-7	<b>SPP 6B</b>	1731020206	
<b>SPP 7G</b>	1731020107	7-8	<b>SPP 7B</b>	1731020207	
<b>SPP 8G</b>	1731020108	8-9	<b>SPP 8B</b>	1731020208	
<b>SPP 9G</b>	1731020109	9-10	<b>SPP 9B</b>	1731020209	
<b>SPP 10G</b>	1731020110	10-11	<b>SPP 10B</b>	1731020210	
<b>SPP 11G</b>	1731020111	11-12	<b>SPP 11B</b>	1731020211	
<b>SPP 12G</b>	1731020112	12-13	<b>SPP 12B</b>	1731020212	
<b>SPP 13G</b>	1731020113	13-14	<b>SPP 13B</b>	1731020213	
<b>SPP 14G</b>	1731020114	14-15	<b>SPP 14B</b>	1731020214	
<b>SPP 15G</b>	1731020115	15-16	<b>SPP 15B</b>	1731020215	
<b>SPP 16G</b>	1731020116	16-17	<b>SPP 16B</b>	1731020216	
□□			●●		
<b>SPP 2x2G</b>	1731020304	2 x 2	<b>SPP 2x2B</b>	1731020404	10
<b>SPP 2x3G</b>	1731020306	2 x 3	<b>SPP 2x3B</b>	1731020406	
<b>SPP 2x4G</b>	1731020308	2 x 4	<b>SPP 2x4B</b>	1731020408	
<b>SPP 2x5G</b>	1731020310	2 x 5	<b>SPP 2x5B</b>	1731020410	
<b>SPP 2x6G</b>	1731020312	2 x 6	<b>SPP 2x6B</b>	1731020412	
<b>SPP 2x7G</b>	1731020314	2 x 7	<b>SPP 2x7B</b>	1731020414	
<b>SPP 2x8G</b>	1731020316	2 x 8	<b>SPP 2x8B</b>	1731020416	
□□□			●●●		
<b>SPP 4x2G</b>	1731020318	4 x 2	<b>SPP 4x2B</b>	1731020418	10
<b>SPP 4x3G</b>	1731020320	4 x 3	<b>SPP 4x3B</b>	1731020420	
<b>SPP 4x4G</b>	1731020322	4 x 4	<b>SPP 4x4B</b>	1731020422	
<b>SPP 4x5G</b>	1731020324	4 x 5	<b>SPP 4x5B</b>	1731020424	
<b>SPP 4x6G</b>	1731020326	4 x 6	<b>SPP 4x6B</b>	1731020426	
▶					
<b>SPP ASI G</b>	1731021130	1 x ASI			10
<b>SPP ASI2 G</b>	1731021140	2 x ASI			

\* Indoor only



IP66

NEMA 12, 4X\*

UL TYPE 12, 4X



ECOLAB





# SPP R



## SPP grommets with extended range

### FEATURES

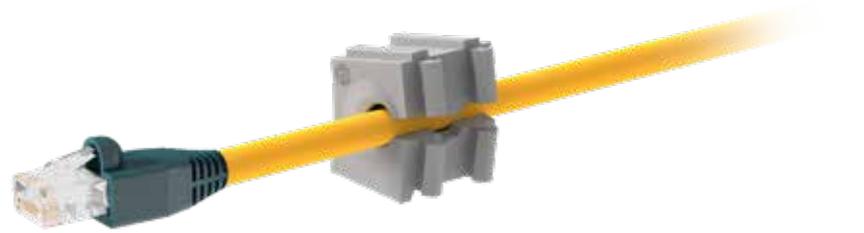
- For cables with or without connectors
- Multi-Range grommets for cables from 3 to 15 mm diameter
- Only 4 models covering the entire range
- Grey and black colours available
- UL94-V0 for both colours

The openable extended range grommets of the SPP R family allow cables with or without connectors to be routed through all DES frames. Only four models are covering the diameters from 3 to 15 mm (R1... R4). The use of SPP R grommets allows to improve stock management by making cable management more flexible.

**Material:** TPE, halogens and silicones free  
**Flammability:** self-extinguishing acc. to UL94-V0 (grey or black)  
**Temperature:** -40°C... +110°C (static)

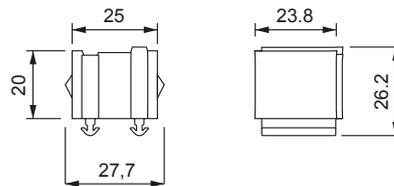
### RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX
- DES 24MX15
- DES 16M
- DES 16MX



Model	Code	Ø Cable min/max (mm)	Model	Code	Pcs (/pack)
SPP R1G	1731021200	3...6	SPP R1B	1731021210	10
SPP R2G	1731021202	6...9	SPP R2B	1731021212	
SPP R3G	1731021204	9...12	SPP R3B	1731021214	
SPP R4G	1731021206	12...15	SPP R4B	1731021216	

### Dimensions (mm)



\* Indoor only



IP66

NEMA 12, 4X\*

UL TYPE 12, 4X



ECOLAB





# SPP K



## Blind pierceable small grommets with extended range for cables without connectors



### FEATURES

- Diameters from 2,5 to 16,5 mm
- "Blind" pierceable grommets
- Grey and black colours available
- UL94-V0 for both colours
- IP66 - NEMA 4X\*

The SPP K grommets have a dual function: they can be used as "blind" grommets for future application of single cable without connector or they can be used as single grommet for one cable without connector. The size can be chosen between 4 models from 2,5 a 16,5 mm diameter. The double membrane ensures the best water and dust protection together with a great strain relief function.

**Material:** TPE, halogens and silicones free  
**Flammability:** self-extinguishing acc. to UL94-V0 (grey or black)  
**Temperature:** -40°C... +110°C (static)

### RELATED PRODUCTS

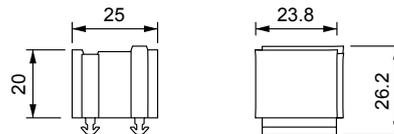
- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX15
- DES 24MX
- DES 16M
- DES 16MX

Model	Code	Ø Cable min/max (mm)	Model	Code	Pcs (/pack)
<b>SPP K0G</b>	1731021100	"Blind"	<b>SPP K0B</b>	1731023100	10
<b>SPP K1G</b>	1731021110	2,5...7	<b>SPP K1B</b>	1731023110	
<b>SPP K2G</b>	1731021115	4,5...10	<b>SPP K2B</b>	1731023115	
<b>SPP K3G</b>	1731021120	7,5...12,5	<b>SPP K3B</b>	1731023120	
<b>SPP K4G</b>	1731021125	9...14	<b>SPP K4B</b>	1731023125	
<b>SPP K5G</b>	1731021127	12...16,5	<b>SPP K5B</b>	1731023127	



Double parallel membrane

### Dimensions (mm)



\* Indoor only



IP66

NEMA 12, 4X\*

UL TYPE 12, 4X



ECOLAB

UL94-V0



RoHS COMPLIANT



# SPP P



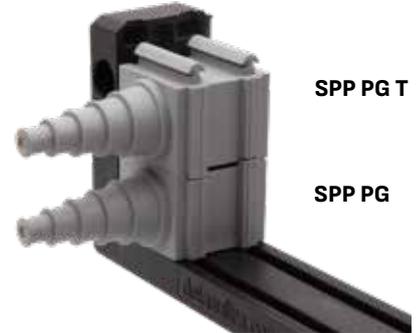
## SPP multi-range grommets with pyramidal shape



SPP PG



SPP PG T



SPP PG T

SPP PG

### FEATURES

- Universal solution for cables without connectors from 3 to 14mm diameter
- Can be used on all DES Frames and divisible cable glands
- IP66
- UL94-V0 for both grey and black colors

The SPP P grommets are suitable for cables without connectors. They are used cutting the cone corresponding to the diameter of the cable. The cable is then routed into the grommet where the internal shape is increasing the strain relief. It is also possible to secure the cable with a cable tie. The T version can be installed in the upper line of the DES series.

**Material:** TPE, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +110°C (static)

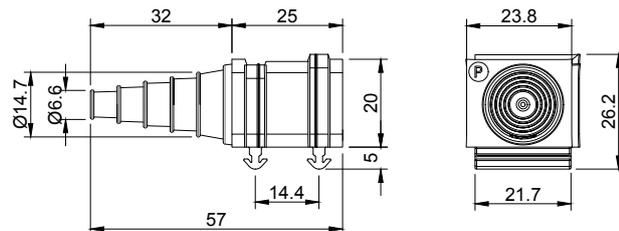
### RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX15
- DES 24MX
- DES 16M
- DES 16MX

\* Indoor only

Model	Code	Ø Cable min/max (mm)	Pcs (/pack)
SPP PG	1731020650	3 - 14	10
SPP PB	1731020652		
SPP PG T	1731020651		
SPP PB T	1731020653		

### Dimensions (mm)



1



IP66

NEMA 12, 4X\*

UL TYPE 12, 4X



ECOLAB





# SPP M



## Multiple small grommets for cables without connectors

### FEATURES

- Cable diameter max. 7 mm
- "Blind" pierceable grommets
- Grey and black colours available
- UL94-V0 for both colours
- IP66 - NEMA 4X\*

The SPP M grommets have a dual function: they can be used as "blind" grommets for future application of multiple cables without connector or they can be used in the DES splittable frame as multi grommets for non terminated cables.

The double membrane ensures the highest water and dust protection.

**Material:** TPE, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0 (grey or black)

**Temperature:** -40°C... +110°C (static)

### RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPREL
- DESCLICK
- DES 24M
- DES 24MX15
- DES 24MX
- DES 16M
- DES 16MX



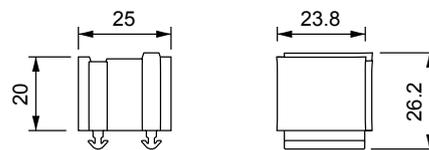
Model	Code	Nr. Cables	Ø Cable min/max (mm)	Model	Code	Pcs (/pack)
						
<b>SPP M 4G</b>	1731020504	4	max. 6	<b>SPP M4B</b>	1731020604	10
<b>SPP M 4bG</b>	1731020505	2 2	max. 3 max. 7	<b>SPP M4bB</b>	1731020605	



Double parallel membrane



### Dimensions (mm)



\* Indoor only



IP66

NEMA 12, 4X\*

UL TYPE 12, 4X



ECOLAB

UL94-V0



RoHS COMPLIANT



# SPP F



## Small grommets with threaded inserts

### FEATURES

- Grommet with thread for pneumatic connection sleeve and other connectors
- Continuous thread for 1/4" and 1/8" models, only front on M8 / M12

Thanks to the integrated thread, the SPP F series can be used as terminals for sensors, pneumatics, etc.

**Material:** TPE, brass insert, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +110°C (static)

### RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 16M
- DES 16MX
- DES 24MX15



M8 x 0,5



M12 x 1



SPP F1/8G



M16 x 1,5



SPP F1/4G



Model	Code	Thread	Pcs (/pack)
SPP F8G	1731020708	M8 x 0,5	10
SPP F12G	1731020712	M12 x 1	
SPP F16G	1731020716	M16 x 1,5	
SPP F1/4G	1731020725	1/4"	
SPP F1/8G	1731020728	1/8"	

# SPP VENT

## Small grommet with pressure compensation valve

### FEATURES

- Quick assembly
- M12 thread

SPP VENT is a pressure-compensating rubber seal, recommended for environments requiring uniform pressure. The depressurising grommet is inserted into DES partitioned frames and thanks to its valve, compensates for the pressure of the environment and thus avoids temperature differences and consequent condensation. The ventilation element has an M12x1.5 thread and can be removed to use threaded connectors and sensors.

### RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DES L
- DESPRED
- DESCLICK

**Material:** TPE, brass insert, PP valve, halogens and silicones free

**Flammability:** self-extinguishing acc. UL94-V0

**Temperature** -40°C... +110°C



Model	Code	Thread	Pcs (/pack)
SPP VENT G	1731020720	M12	10

IP66

NEMA 12, 4X\*

UL TYPE 12, 4X

ECOLAB

UL94-V0

UV ISO 4892-2A

ROHS COMPLIANT



## DES grommets - large



### FEATURES

- Grommets for cables with and without connectors or for corrugated conduits from 17 to 35 mm diameter
- UL94-V0 for both grey and black
- ATEX version on request (Group 7)

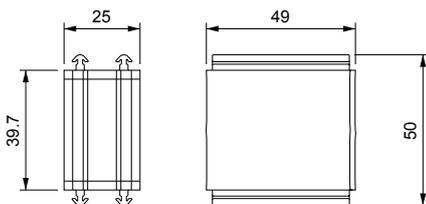
The SPG grommets are designed for cables with or without connectors or for corrugated conduits with diameter from 17 to 35 mm.

**Material:** TPE, halogens and silicones free  
**Flammability:** self-extinguishing acc. to UL94-V0 (grigio e nero)  
**Temperature:** -40°C... +110°C (static)

### RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX
- DES 16M
- DES 16MX

### Dimensions (mm)



\* Indoor only

Model	Code	Ø Cable min/max (mm)	Model	Code	Pcs (/pack)
<b>SPG 0G</b>	1731022000	"Blind"	<b>SPG 0B</b>	1731022020	10
<b>SPG 17G</b>	1731022117	17-18	<b>SPG 17B</b>	1731022217	
<b>SPG 18G</b>	1731022118	18-19	<b>SPG 18B</b>	1731022218	
<b>SPG 19G</b>	1731022119	19-20	<b>SPG 19B</b>	1731022219	
<b>SPG 20G</b>	1731022120	20-21	<b>SPG 20B</b>	1731022220	
<b>SPG 21G</b>	1731022121	21-22	<b>SPG 21B</b>	1731022221	
<b>SPG 22G</b>	1731022122	22-23	<b>SPG 22B</b>	1731022222	
<b>SPG 23G</b>	1731022123	23-24	<b>SPG 23B</b>	1731022223	
<b>SPG 24G</b>	1731022124	24-25	<b>SPG 24B</b>	1731022224	
<b>SPG 25G</b>	1731022125	25-26	<b>SPG 25B</b>	1731022225	
<b>SPG 26G</b>	1731022126	26-27	<b>SPG 26B</b>	1731022226	
<b>SPG 27G</b>	1731022127	27-28	<b>SPG 27B</b>	1731022227	
<b>SPG 28G</b>	1731022128	28-29	<b>SPG 28B</b>	1731022228	
<b>SPG 29G</b>	1731022129	29-30	<b>SPG 29B</b>	1731022229	
<b>SPG 30G</b>	1731022130	30-31	<b>SPG 30B</b>	1731022230	
<b>SPG 31G</b>	1731022131	31-32	<b>SPG 31B</b>	1731022231	
<b>SPG 32G</b>	1731022132	32-33	<b>SPG 32B</b>	1731022232	
<b>SPG 33G</b>	1731022133	33-34	<b>SPG 33B</b>	1731022233	
<b>SPG 34G</b>	1731022134	34-35	<b>SPG 34B</b>	1731022234	



IP66

NEMA 12, 4X\*

UL TYPE 12, 4X



ECOLAB



RoHS COMPLIANT





# SPG K



## Blind pierceable large grommets with extended range for cables without connectors

### FEATURES

- K1, K2 e K3 for cables without connectors with diameters from 16 to 30 mm
- IP66 for SPG K1, K2 and K3

The SPG K are blind grommets which can be also used for cables without connectors with diameter from 16 to 30mm.

The SPG K0 can be perforated but the IP protection is not guaranteed.

Thanks to the double membrane in the SPG K1-K2-K3 grommets an optimal dust and water protection are achieved.

**Material:** TPE, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0 (grigio e nero)

**Temperature:** -40°C... +110°C (static)

### RELATED PRODUCTS

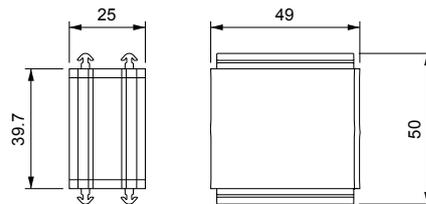
- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX
- DES 16M
- DES 16MX



Model	Code	Ø Cable min/max (mm)	Model	Code	Pcs (/pack)
					
SPG K0G	1731022300	max. 32	SPG K0B	1731022400	10
SPG K1G	1731022310	16 - 22	SPG K1B	1731022410	
SPG K2G	1731022320	23 - 26	SPG K2B	1731022420	
SPG K3G	1731022330	26 - 30	SPG K3B	1731022430	



### Dimensions (mm)



\* Indoor only



IP66

NEMA 12, 4X\*



ECOLAB





# SPG P



## SPP multi-range grommets with pyramidal shape

### FEATURES

- Universal solution for cables without connectors from 17 to 33 mm diameter
- Can be used on all DES Frames and divisible cable glands
- IP66
- UL94-V0 for both grey and black colors



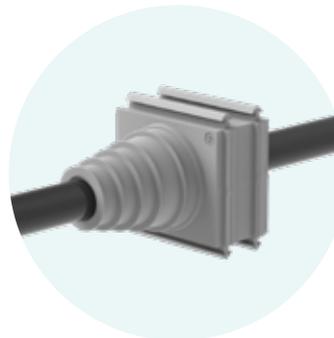
The SPG P grommets are suitable for cables without connectors. They are used cutting the cone corresponding to the diameter of the cable. The cable is then routed into the grommet where the internal shape is increasing the strain relief. Is it also possible to secure the cable with a cable tie.

**Material:** TPE, halogens and silicones free  
**Flammability:** self-extinguishing acc. to UL94-V0  
**Temperature:** -40°C... +110°C (static)

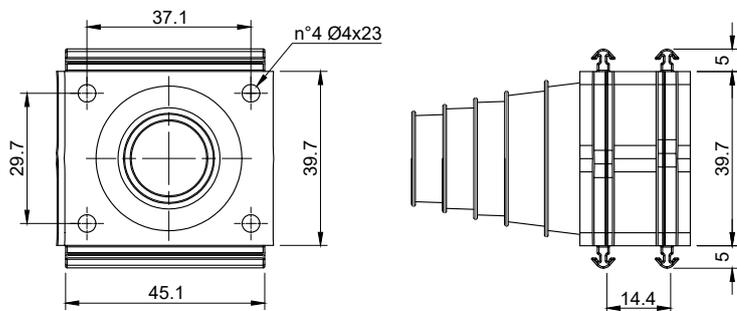
Model	Code	Cable diameter range (mm)	Pcs (/pack)
SPG PG	1731020745	17 - 33	10
SPG PB	1731020748		10

### RELATED PRODUCTS

- DES FRAMES
- DESPRED
- DESCLICK 50



### Dimensions (mm)



\* Indoor only



IP66

NEMA 12, 4X\*



ECOLAB



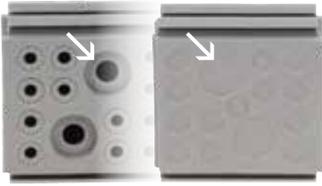


# SPG M



## Multiple large grommets for cables without connectors

Double parallel membrane



### FEATURES

- Multiple grommets for high number of cables without connectors
- Grey and black colours available
- UL94-V0 for both colours
- Strain relief according to EN 62444

The SPG M grommets enable high number of cables without connectors to be routed into the DES splittable frames. The cable is pushed through the front membrane, whilst the second membrane increases the strain relief and liquid resistance.

**Material:** TPE, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0 (grey or black)

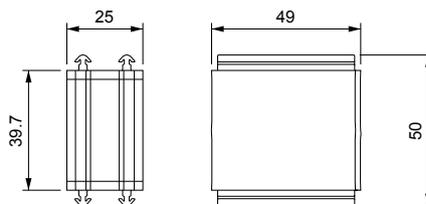
**Temperature:** -40°C... +110°C (static)

### RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX
- DES 16M
- DES 16MX

Model	Code	Nr. Cables	Ø Cable (mm)	Pcs (/pack)
SPG M7G	1731022307	4	max. 13,5	10
SPG M7B	1731022407	2	max. 5	
SPG M7B	1731022407	1	max. 9,5	
SPG M9G	1731022309	9	max. 8	
SPG M9B	1731022409			
SPG M14G	1731022314	12	max. 6,5	
SPG M14B	1731022414	2	max. 12	
SPG M15G	1731022315	15	max. 7	
SPG M15B	1731022415			

### Dimensions (mm)



\* Indoor only



IP66

NEMA 12, 4X\*

UL TYPE 12, 4X



ECOLAB

UL94-V0





# SPG W



## Large grommets for drives and service connectors



SPG WFP23



SPG WFQ20



SPG WFQ27



SPG WF12



SPG WF25



SPG W22

### FEATURES

- Large grommets for panel connectors with diameters 20 and 22 mm, M12, M25, M23 flanges, square openable flanges, feedthrough, quick inserts for pneumatic, etc.
- Useful for quick connections without opening the electrical panel
- Customized solutions welcome

The SPG W grommets allow the integration of panel connectors/sockets (Ø 20 and 22 mm, M12, M25, M23 flanges, openable square flanges, feedthrough, quick inserts for pneumatics, etc.) directly on the DES frames.

The advantage is the modularity of the system that allows quick connection and release of cables (data, power, pneumatics, etc.) without opening the machine panel. This plug-in system facilitates the design of increasingly modular machines.

**Material:** TPE, insert PP+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +110°C (static)

### RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX15
- DES 24MX
- DES 16M
- DES 16MX

\* Indoor only

Model	Code	Application	Pcs (/pack)
SPG WFP23	1731020830	For M23 flanges	1
SPG WFQ20	1731020815	For squared openable flange □ 38 mm , hole Ø 20 mm (for M15 connectors)	
SPG WFQ27	1731020820	For squared openable flange □ 38 mm with hole Ø 27 mm (for M23 connectors)	
SPG WF12	1731020840	For M12 metric threads	
SPG WF25	1731020850	For M25 metric threads	
SPG W22	1731020810	For Ø 22 mm Panel connectors	

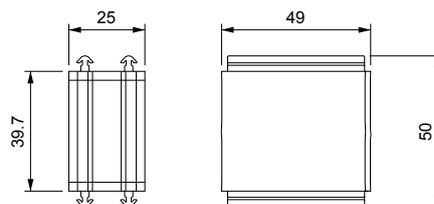
Compatible with a wide variety of panel sockets eg. sockets Ø 20/22 mm, M12, M25, M23 flanges, openable square flanges for M15 and M23 connectors, bulkheads and quick inserts for pneumatics, etc...



### Some possible configurations



### Dimensions (mm)



up to  
**IP66**

up to  
**NEMA 12, 4X**

**ECOLAB**

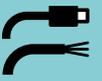
**UL94-V0**

**UV**  
ISO 4892-2A

**RoHS**  
COMPLIANT



# SPG W 22



## Large grommets for drives and service connectors



SPG W22 USB 3.0



SPG W22 USB-C



SPG W22 HDMI



SPG W22 RJ45 Cat.6



SPG W22 2xUSB 2.0

### FEATURES

- Large grommets with embedded panel connectors with diameter 22 mm
- Aluminum or plastic connectors 180° Female/Female or Female/Male
- Useful for quick connections without opening the electrical panel
- Metal or plastic panel sockets
- Degree of protection IP65



The SPG W22 grommets allow the integration of panel sockets (USB, RJ45 etc...) directly on the DES frame.

The advantage is the modularity of a system that allows the quick coupling and release of data cables without the need to open the machine panel, as well as the guarantee of maintaining a high degree of protection. This plug-in system facilitates the design of increasingly modular machines.

**Material:** TPE, insert PP+GF, sockets PA66 or aluminium, halogens and silicones free

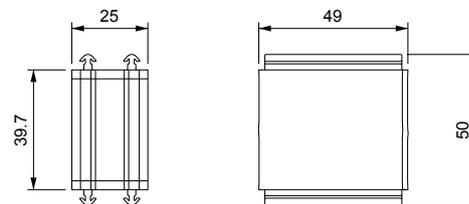
**Flammability:** self-extinguishing acc. to UL94-V0

Model	Code	Application	Pcs (/pack)
SPG W22 USB 3.0	1731020905	With USB 3.0 (f/f) and IP65 cap	1
SPG W22 USB-C	1731020915	With USB-C (f/f) and IP65 cap	
SPG W22 RJ45 Cat.6	1731020930	With RJ45 Cat.6 (f/f) and IP65 cap	
SPG W22 HDMI	1731020935	With HDMI (f/f) and IP65 cap	
SPG W22 2xUSB 2.0	1731020940	With 2 USB 2.0 (f/f) and IP65 cap	

### RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX15
- DES 24MX
- DES 16M
- DES 16MX

### Dimensions (mm)





# SPG WP



Large grommets with connectors for service sockets



SPG WP20 USB 3.0



SPG WP16 USB-C



SPG WP20 RJ45 Cat.6



SPG WP20 HDMI

## FEATURES

- SPG grommets with panel sockets  $\varnothing$  20 and 16 mm, USB, RJ45, HDMI and USB-C
- Female/Female 180°
- Useful for quick connections without opening the electrical panel
- Plastic socket with screw cap
- IP66

SPG WP grommets allow the integration of USB, RJ45 and HDMI panel sockets directly on the DES frames.

The advantage is the modularity of a system that allows the quick coupling and release of data cables without the need to open the machine panel, as well as the guarantee of maintaining a high degree of protection. This plug-in system facilitates the design of increasingly modular machines.

**Material:** TPE, insert PP+GF, socket PA66, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +55°C (static)

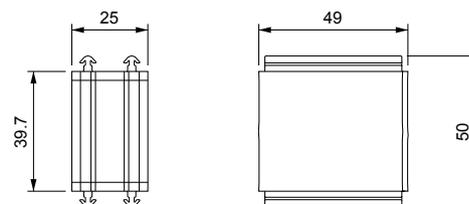
## RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX15
- DES 24MX
- DES 16M
- DES 16MX

Model	Code	Application	Pcs (/pack)
SPG WP20 USB 3.0	1731020907	With USB 3.0 (f/f) and cap	1
SPG WP16 USB-C	1731020913	With USB-C (f/f) and cap	
SPG WP20 RJ45 Cat.6	1731020933	With RJ45 Cat.6 (f/f) and cap	
SPG WP20 HDMI	1731020937	With HDMI (f/f) and cap	



## Dimensions (mm)



up to  
**IP66**

up to  
**NEMA  
12, 4X**

**ECOLAB**

**UL94-V0**

**UV  
ISO 4892-2A**

**RoHS  
COMPLIANT**



# SPG Y



## Large/Small adapter grommet



### FEATURES

- Large grommet which can be used as adapter for one small grommet
- Grey and black colos
- UL94-V0 for both colors

The SPG Y is a large grommet which can be used to adapt small grommets, single, multi-hole or special.

They are used in divisible cable glands of the Despred 63 or 50-90 families to improve the cable outlet or in the DES frames to reduce the number of blind grommets

**Material:** TPE, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

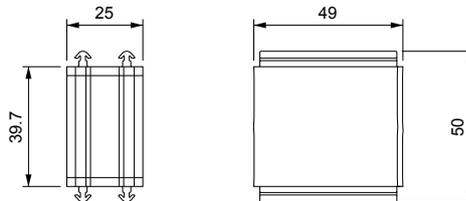
**Temperature:** -40°C... +110°C (static)

### RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DESPRED
- DESCLICK
- DES 24M
- DES 24MX
- DES 16M
- DES 16MX

Model	Code	Pcs (/pack)
 SPG YG	1731022030	10
 SPG YB	1731022035	

### Dimensions (mm)



1

IP54

NEMA 12

ECOLAB

UL94-V0

UV ISO 4892-2A

RoHS COMPLIANT



## Extended range grommets for DES 380 series



### FEATURES

- Grommets for big diameter cables and corrugated conduits
- Cable diameters from 36 to 65 mm
- UL94-V0
- IP54

SPH grommets are used in DES380M and 380MX for cables or corrugated conduits from 36 to 65 mm diameter.

**Material:** TPE, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0 (grigio e nero)

**Temperature:** -40°C... +110°C (static)

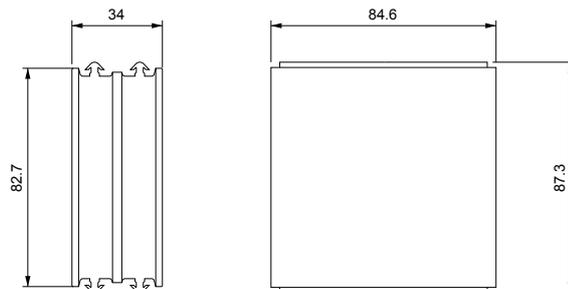
### RELATED PRODUCTS

- DES 380M
- DES 380MX

Model	Code	Ø Cable (mm)	Pcs (/pack)
SPH 0G	1731010278	0	1
SPH 38G	1731010281	36-39	
SPH 42G	1731010282	41-44	
SPH 46G	1731010283	43-48	
SPH 50G	1731010284	47-51	
SPH 54G	1731010285	52-56	
SPH 58G	1731010286	56-60	
SPH 62G	1731010287	60-65	



### Dimensions (mm)



IP54

NEMA 12



ECOLAB



RoHS COMPLIANT



## Plugs for SPP and SPC series

### FEATURES

- Plastic plugs for grommets, from 2 to 16 mm diameter

The ISP series grommets are designed to fit into SPP and SPC grommets with diameters from 2 to 16mm.

**Material:** PA66, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -40°C... +155°C (static)

### RELATED PRODUCTS

- SPC grommets (from page 41)
- SPP grommets (from page 46)



Model	Code	Diameter (mm)	Length	Pcs (/pack)
ISP 2	1731040002	2	30	20
ISP 3	1731040003	3		
ISP 4	1731040004	4		
ISP 5	1731040005	5		
ISP 6	1731040006	6		
ISP 7	1731040007	7		
ISP 8	1731040008	8		
ISP 9	1731040009	9		
ISP 10	1731040010	10		
ISP 11	1731040011	11		
ISP 12	1731040012	12		
ISP 13	1731040013	13		
ISP 14	1731040014	14		
ISP 15	1731040015	15		
ISP 16	1731040016	16		

up to  
**IP66**

**UL94-V0**

**UV**  
ISO 4892-2A

**RoHS**  
COMPLIANT

# DES CAPS

## Caps for splittable frames

### FEATURES

- Caps with convex head
- Available with black color
- For DES splittable frames

The DES CAPS keeps the product clean from the front, preventing dirt from settling in the screw seats.

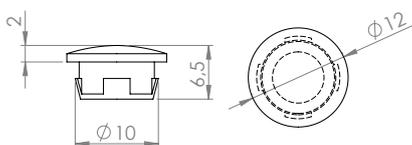
**Material:** Polyethylene  
PE-PD



### RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DES L2
- DES L3
- DES L4
- DES L5
- DES FT
- DES 24 M
- DES 24 MX
- DES 16 M
- DES 16 MX

### Dimensions (mm)

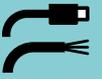


Model	Code	Ø Hole (mm)	Dimensions (mm)			Pcs (/pack)
			A	B	C	
DES CAPS	1732019983	9,5	12	10	6,5	50

**RoHS**  
COMPLIANT



# UTILITY BOX SPP



## Box with SPP samples grommets

### FEATURES

- Single hole
- Multiple
- Pierceable
- Grey or black

This engineering box contains 168 pcs of small SPP grommets, grey or black.



### RELATED PRODUCTS

- DES 24
- DES 16
- DES 10
- DES Q
- DES L
- DESPREL
- DESCLICK

	Model	Code	Dimensions (mm)	Pcs (/pack)
	Utility box SPPG	1736999860	370 x 300 x 90	1
	Utility box SPPB	1736999861		

#### Grey grommets box contents

Model	Pcs	Model	Pcs	Model	Pcs
					
0G	4	2x2G	4	K1G	4
K0G	4	2x3G	4	K2G	4
2G	4	2x4G	4	K3G	4
R1G	4	2x5G	4	K4G	4
R2G	4	2x6G	4		
R3G	4	2x7G	4	<b>Model</b>	<b>Pcs</b>
R4G	4	2x8G	4		
3G	4			M4G	4
4G	4	<b>Model</b>	<b>Pcs</b>		
5G	4				
6G	4	4x2G	4		
7G	4	4x3G	4		
8G	4	4x4G	4		
9G	4	4x5G	4		
10G	4	4x6G	4		
11G	4				
12G	4				
13G	4				
14G	4				
15G	4				
16G	4				

#### Black grommets box contents

Model	Pcs	Model	Pcs	Model	Pcs
					
0B	4	2x2B	4	K1B	4
K0B	4	2x3B	4	K2B	4
2B	4	2x4B	4	K3B	4
R1B	4	2x5B	4	K4B	4
R2B	4	2x6B	4		
R3B	4	2x7B	4	<b>Model</b>	<b>Pcs</b>
R4B	4	2x8B	4		
3B	4			M4B	4
4B	4	<b>Model</b>	<b>Pcs</b>		
5B	4				
6B	4	4x2B	4		
7B	4	4x3B	4		
8B	4	4x4B	4		
9B	4	4x5B	4		
10B	4	4x6B	4		
11B	4				
12B	4				
13B	4				
14B	4				
15B	4				
16B	4				



# DES Z



## Cable frame with brush

### FEATURES

- Brush frame for cables with or without connectors
- Tidy and cost effective solution
- Available in three sizes (24, 16 and 10)

The DES Z series can be used for cables with or without connectors, when there is no need for water tightness and strain relief. Effective protection against dust and dirt.

**Material:** PC, halogens and silicones free

**Flammability:** self-extinguishing  
acc. to UL94-V0

**Temperature:** -25°C... +80°C (static)

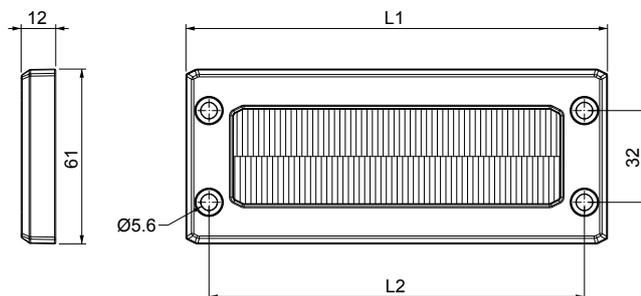
### RELATED PRODUCTS

- DES Cover (page 26)
- HY360 hydraulic punch driver (page 139)
- PF cable entry system plates (page 140)



Model	Code	Dimensions (mm)		Max. cut-out (mm)	Pcs (/pack)
		L1	L2		
DES Z 24	1731060024	146	130	112 x 39	10
DES Z 16	1731060016	120	103	86 x 39	
DES Z 10	1731060010	99	83	63 x 39	

### Dimensions (mm)



## Splittable frame with double brush

### FEATURES

- Brush frame for cables with or without connectors
- Double brush offering increased dust protection
- 8 different models (24, 16, 10, Q, L5, L4, L3 and L2)

The DES ZZ is a splittable frame with 2 rows of brushes.

The DES ZZ series can be used for cables with or without connectors, when there is no need for water tightness and strain relief. Effective protection against dust and dirt thanks to the double brush.

**Material:** PP+GF, halogens and silicones free

**Flammability:** self-extinguishing acc. to UL94-V0

**Temperature:** -25°C... +80°C (static)

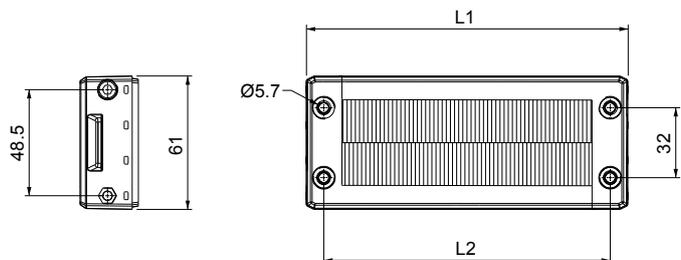
### RELATED PRODUCTS

- DES Cover (page 26)
- DES Flap (page 27)
- HY360 hydraulic punch driver (page 139)
- PF cable entry system plates (page 140)



Model	Code	Dimensions (mm)		Max. cut-out (mm)	Pcs (/pack)
		L1	L2		
DES ZZ 24	1731060224	146	130	112 x 39	1
DES ZZ 16	1731060216	120	103	86 x 39	
DES ZZ 10	1731060210	99	83	63 x 39	
DES ZZ Q	1731060208	74	58	40 x 39	
DES ZZ L5	1731060205	146	130	108 x 18	
DES ZZ L4	1731060204	120	103	86 x 18	
DES ZZ L3	1731060203	99	83	63 x 18	
DES ZZ L2	1731060202	74	58	40 x 18	
Upon request	1731991020	Set of 4 mounting screws in AISI304 with Black Geomet finishing			

### Dimensions (mm)





# DESCCLICK Z



## Divisible cable gland with single brush

### FEATURES

- Without screws
- Metric threads M32 and M50
- Cost efficient solution
- Black version

DESCCLICK Z is a divisible frame with a single brush providing protection against dust and dirt.

**Material:** PC, halogens and silicones free

**Flammability:** self-extinguishing  
acc. to UL94-V0

**Temperature:** -25°C... +80°C (static)

### RELATED PRODUCTS

- HY360 hydraulic punch driver (page 139)
- Divisible locknuts (page 39-40)

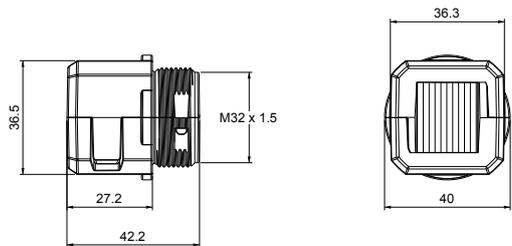


Model	Code	Metric thread	Ø Max. cut-out (mm)	Pcs (/pack)
DESCCLICK Z 32	1731060332	M32 x 1,5	32,5	10
DESCCLICK Z 50	1731060350	M50 x 1,5	50,5	

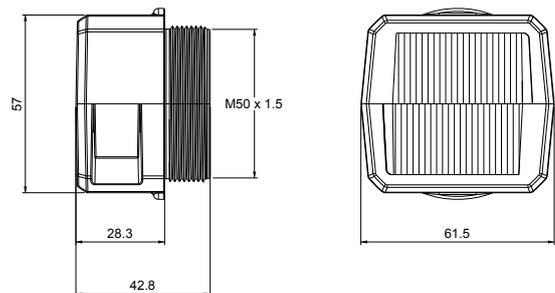
### Dimensions (mm)



DESCCLICK Z 32

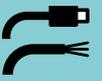


DESCCLICK Z 50





# DESPRED ZZ



## Splittable frame and locknut with double brush

### FEATURES

- Double brush frame for cables with and without connectors
- Frame screws in AISI304 Stainless Steel with Black Dacromet finishing
- Metric threads M32 and M63
- Double frame offering increased dust protection

DESPRED ZZ consists of a square frame with two rows of brushes. Excellent protection is offered against dust and dirt thanks to the double brush.

**Material:** PP+GF, halogens and silicones free  
**Flammability:** self-extinguishing acc. to UL94-V0  
**Temperature:** -25°C... +80°C (static)

### RELATED PRODUCTS

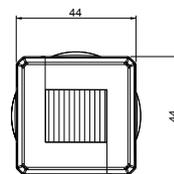
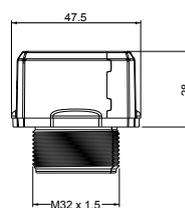
- HY360 hydraulic punch driver (page 139)
- Divisible locknuts (page 39-40)



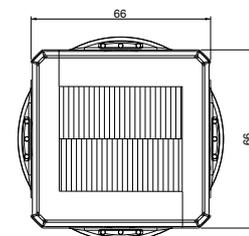
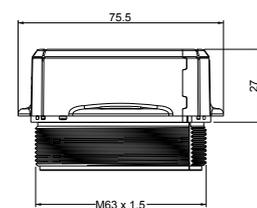
Model	Code	Metric thread	Ø Max. cut-out (mm)	Pcs (/pack)
DESPRED ZZ 32	1731060232	M32 x 1,5	32,5	1
DESPRED ZZ 63	1731060263	M63 x 1,5	63,5	

### Dimensions (mm)

DESPRED ZZ 32



DESPRED ZZ 63





# DES 24 CLEAN



Divisible frame "Hygienic Design" for cables with and without connectors

## FEATURES

- Easily to wash
- Frame screws in AISI304
- IP66 certified with all configurations of grommets
- Strain relief according to EN 62444
- Without screw seats and sharp corners
- Overmolded gasket
- Installation with threaded inserts



The DES 24 CLEAN divisible frame consists of the well-known DES24 divisible frame and an FDA PC mask that fixed onto the frame via overmoulded inserts. Therefore, in the final solution with the rubbers installed, it will not just be a different color but a device that meets the Hygienic design needs of food machines. The absence of sharp corners, screw seats and the ease of cleaning and removing dirt make DES24 Clean an unique solution. The system allows the use of cables with and without connectors with diameters from 2 to 35 mm. The divisible grommets, also produced with FDA certified material, can be freely positioned inside the frame. IP66 or NEMA 4X\* protection rating is achieved with any grommets combination.

**Material:** FDA approved PC, halogens and silicones free

**Flammability:** UL94-HB

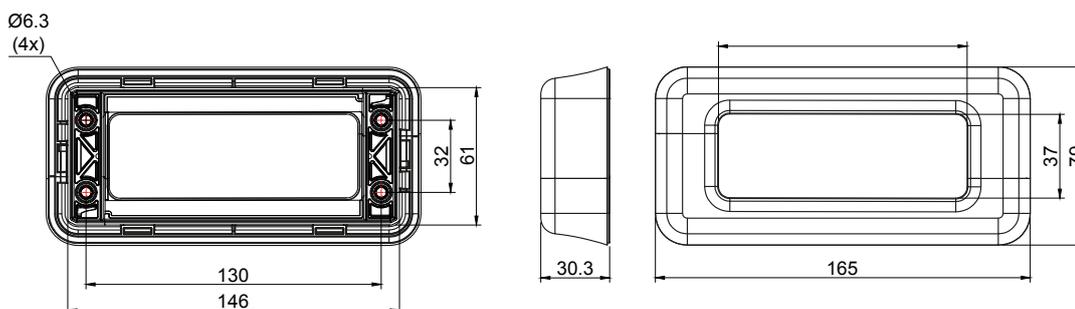
**Temperature:** -40°C... +80°C

Model	Code	Some possible configurations	Max. cut-out (mm)	Pcs (/pack)
DES 24 CLEAN	1731260024		112 x 39	10

## RELATED PRODUCTS

- SPP C grommets (page 69)
- SPG C grommets (page 69)

## Dimensions (mm)



\* Indoor only





# SPP C / SPG C



## FDA small and large grommets



### FEATURES

- Cable grommets for cables from 2 to 35 mm diameter
- Single hole, multi-range, double and quadruple
- "Blind" version available
- FDA certified material
- UL94-HB
- Blue color

The blue colored grommets SPP C and SPG C are mainly used in food machinery for routing cables with and without connectors with diameters from 2 to 35mm. SPP 2X and 4X are indicated to increase the number of cables in the same frame.

**Material:** FDA 21 CFR 177.2600 certified TPE, halogens and silicones free  
**Flammability:** self-extinguishing acc. UL94-HB  
**Temperature:** -40°C... +80°C

### RELATED PRODUCTS

- DES 24 CLEAN

Model	Code	Ø Cable (mm)	Pcs (/pack)
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<b>SPP 0 C</b>	1731260100	"Blind"	10
<b>SPP 2 C</b>	1731260102	2-3	
<b>SPP 3-6 C</b>	1731260103	3-6	
<b>SPP 6-9 C</b>	1731260106	6-9	
<b>SPP 9-12 C</b>	1731260109	9-12	
<b>SPP 12-15 C</b>	1731260112	12-15	
<b>SPP 16 C</b>	1731260116	16-17	



<b>SPP 2x2 C</b>	1731260142	2 x 2	10
<b>SPP 2x3 C</b>	1731260143	2 x 3	
<b>SPP 2x4 C</b>	1731260144	2 x 4	
<b>SPP 2x5 C</b>	1731260145	2 x 5	
<b>SPP 2x6 C</b>	1731260146	2 x 6	
<b>SPP 2x7 C</b>	1731260147	2 x 7	
<b>SPP 2x8 C</b>	1731260148	2 x 8	



<b>SPP 4x2 C</b>	1731260152	4 x 2	10
<b>SPP 4x3 C</b>	1731260153	4 x 3	
<b>SPP 4x4 C</b>	1731260154	4 x 4	
<b>SPP 4x5 C</b>	1731260155	4 x 5	
<b>SPP 4x6 C</b>	1731260156	4 x 6	

Model	Code	Ø Cable (mm)	Pcs (/pack)
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<b>SPG 0 C</b>	1731260117	"Blind"	10
<b>SPG 18 C</b>	1731260118	18-19	
<b>SPG 19 C</b>	1731260119	19-20	
<b>SPG 20 C</b>	1731260120	20-21	
<b>SPG 21 C</b>	1731260121	21-22	
<b>SPG 22 C</b>	1731260122	22-23	
<b>SPG 23 C</b>	1731260123	23-24	
<b>SPG 24 C</b>	1731260124	24-25	
<b>SPG 25 C</b>	1731260125	25-26	
<b>SPG 26 C</b>	1731260126	26-27	
<b>SPG 27 C</b>	1731260127	27-28	
<b>SPG 28 C</b>	1731260128	28-29	
<b>SPG 29 C</b>	1731260129	29-30	
<b>SPG 30 C</b>	1731260130	30-31	
<b>SPG 31 C</b>	1731260131	31-32	
<b>SPG 32 C</b>	1731260132	32-33	
<b>SPG 33 C</b>	1731260133	33-34	
<b>SPG 34 C</b>	1731260134	34-35	

up to  
**IP66**

**FDA**  
APPROVED

**UL94-HB**

**RoHS**  
COMPLIANT