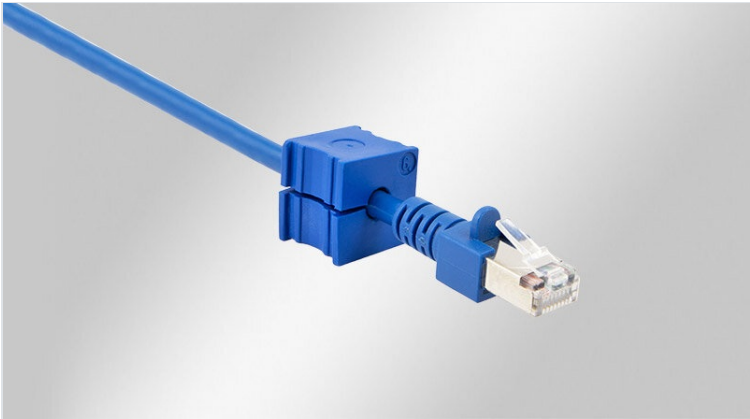


# KT-BL | Cable grommets for the food industry

for cable diameters 1 - 35 mm / IP64 / IP65



The KT-BL range of grommets are particularly suitable for use with the [KEL-ER-BL cable entry frames](#). The signal colour blue provides clear visual colour identification.

The small grommets are designed for cable diameters from 1 to 16 mm, the large grommets for diameters from 16 to 35 mm. Blank grommets can seal unused grommet locations.

When installing the small grommets in multiple rows, the flat sides should be facing each other. This allows the flat sides to match up and provide a secure seal.

IP54

ISO 4892-2A

IP55

RoHS compliant

IP64

REACH COMPLIANCE

IP65

Made in Germany

UL US in progress

PNEUMATICS

ECOLAB certified

## Specifications

|                       |                             |
|-----------------------|-----------------------------|
| IP rating (EN 60529)  | IP54, IP55, IP64, IP65      |
| Material              | Elastomer                   |
| Flame class           | UL94-V0, self-extinguishing |
| Operating temperature | -40 C° to 100 C°            |
| Properties            | silicone free, halogen free |

## Advantages & benefits

- Routing of cables with and without connectors through the cable entry frame KEL-ER-BL
- High protection class up to IP65
- High strain relief in accordance with EN 62444
- Available for a wide range of cable diameters
- Signal colour blue for a clear visual colour recognition in the food industry

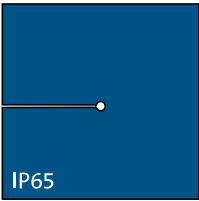
## Product types & sizes

### BTK-BL



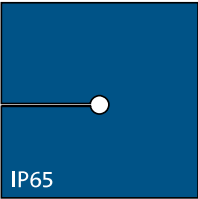
|                  |                         |                 |             |
|------------------|-------------------------|-----------------|-------------|
| Part No.         | 70135                   | Height          | 19 mm       |
| EAN              | 4251269334269           | Mounting height | 2 mm        |
| Package quantity | 10                      | For cable type  | Round cable |
| Colour           | blue (similar RAL 5005) | Blank grommet   | 1           |
| Length           | 21 mm                   |                 |             |
| Width            | 21 mm                   |                 |             |

### KT-BL 1



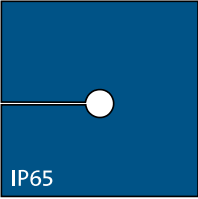
|                        |                         |                 |              |
|------------------------|-------------------------|-----------------|--------------|
| Part No.               | 70101                   | Height          | 19 mm        |
| EAN                    | 4251269333927           | Mounting height | 2 mm         |
| Package quantity       | 10                      | For cable type  | Round cable  |
| For max. no. of cables | 1                       | Clamping range  | 1 x 1 - 2 mm |
| Colour                 | blue (similar RAL 5005) |                 |              |
| Length                 | 21 mm                   |                 |              |
| Width                  | 21 mm                   |                 |              |

KT-BL 2



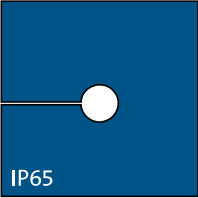
|                        |                                |                 |                     |
|------------------------|--------------------------------|-----------------|---------------------|
| Part No.               | <b>70102</b>                   | Height          | <b>19 mm</b>        |
| EAN                    | <b>4251269333934</b>           | Mounting height | <b>2 mm</b>         |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>  |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 2 - 3 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                     |
| Length                 | <b>21 mm</b>                   |                 |                     |
| Width                  | <b>21 mm</b>                   |                 |                     |

KT-BL 3



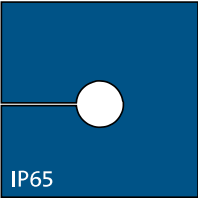
|                        |                                |                 |                     |
|------------------------|--------------------------------|-----------------|---------------------|
| Part No.               | <b>70103</b>                   | Height          | <b>19 mm</b>        |
| EAN                    | <b>4251269333941</b>           | Mounting height | <b>2 mm</b>         |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>  |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 3 - 4 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                     |
| Length                 | <b>21 mm</b>                   |                 |                     |
| Width                  | <b>21 mm</b>                   |                 |                     |

KT-BL 4



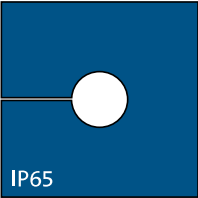
|                        |                                |                 |                     |
|------------------------|--------------------------------|-----------------|---------------------|
| Part No.               | <b>70104</b>                   | Height          | <b>19 mm</b>        |
| EAN                    | <b>4251269333958</b>           | Mounting height | <b>2 mm</b>         |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>  |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 4 - 5 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                     |
| Length                 | <b>21 mm</b>                   |                 |                     |
| Width                  | <b>21 mm</b>                   |                 |                     |

KT-BL 5



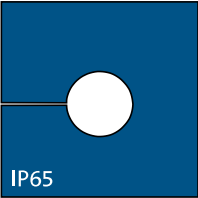
|                        |                                |                 |                     |
|------------------------|--------------------------------|-----------------|---------------------|
| Part No.               | <b>70105</b>                   | Height          | <b>19 mm</b>        |
| EAN                    | <b>4251269333965</b>           | Mounting height | <b>2 mm</b>         |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>  |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 5 - 6 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                     |
| Length                 | <b>21 mm</b>                   |                 |                     |
| Width                  | <b>21 mm</b>                   |                 |                     |

KT-BL 6



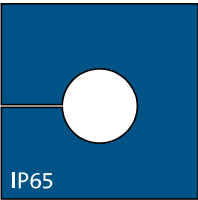
|                        |                                |                 |                     |
|------------------------|--------------------------------|-----------------|---------------------|
| Part No.               | <b>70106</b>                   | Height          | <b>19 mm</b>        |
| EAN                    | <b>4251269333972</b>           | Mounting height | <b>2 mm</b>         |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>  |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 6 - 7 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                     |
| Length                 | <b>21 mm</b>                   |                 |                     |
| Width                  | <b>21 mm</b>                   |                 |                     |

KT-BL 7



|                        |                                |                 |                     |
|------------------------|--------------------------------|-----------------|---------------------|
| Part No.               | <b>70107</b>                   | Height          | <b>19 mm</b>        |
| EAN                    | <b>4251269333989</b>           | Mounting height | <b>2 mm</b>         |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>  |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 7 - 8 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                     |
| Length                 | <b>21 mm</b>                   |                 |                     |
| Width                  | <b>21 mm</b>                   |                 |                     |

KT-BL 8



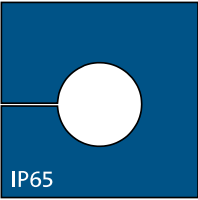
Part No.  
EAN  
Package quantity  
For max. no. of cables  
Colour  
Length  
Width

**70108**  
**4251269333996**  
**10**  
**1**  
**blue (similar RAL 5005)**  
**21 mm**  
**21 mm**

Height  
Mounting height  
For cable type  
Clamping range

**19 mm**  
**2 mm**  
**Round cable**  
**1 x 8 - 9 mm**

KT-BL 9



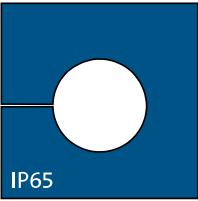
Part No.  
EAN  
Package quantity  
For max. no. of cables  
Colour  
Length  
Width

**70109**  
**4251269334009**  
**10**  
**1**  
**blue (similar RAL 5005)**  
**21 mm**  
**21 mm**

Height  
Mounting height  
For cable type  
Clamping range

**19 mm**  
**2 mm**  
**Round cable**  
**1 x 9 - 10 mm**

KT-BL 10



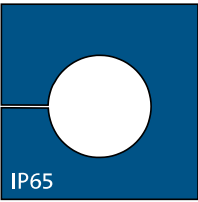
Part No.  
EAN  
Package quantity  
For max. no. of cables  
Colour  
Length  
Width

**70110**  
**4251269334016**  
**10**  
**1**  
**blue (similar RAL 5005)**  
**21 mm**  
**21 mm**

Height  
Mounting height  
For cable type  
Clamping range

**19 mm**  
**2 mm**  
**Round cable**  
**1 x 10 - 11 mm**

KT-BL 11



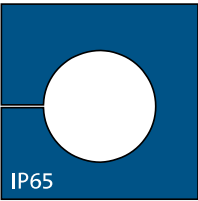
Part No.  
EAN  
Package quantity  
For max. no. of cables  
Colour  
Length  
Width

**70111**  
**4251269334023**  
**10**  
**1**  
**blue (similar RAL 5005)**  
**21 mm**  
**21 mm**

Height  
Mounting height  
For cable type  
Clamping range

**19 mm**  
**2 mm**  
**Round cable**  
**1 x 11 - 12 mm**

KT-BL 12



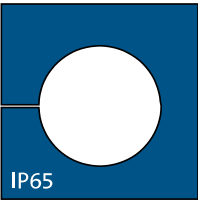
Part No.  
EAN  
Package quantity  
For max. no. of cables  
Colour  
Length  
Width

**70112**  
**4251269334030**  
**10**  
**1**  
**blue (similar RAL 5005)**  
**21 mm**  
**21 mm**

Height  
Mounting height  
For cable type  
Clamping range

**19 mm**  
**2 mm**  
**Round cable**  
**1 x 12 - 13 mm**

KT-BL 13



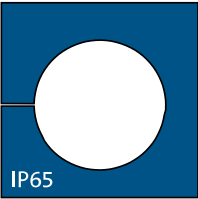
Part No.  
EAN  
Package quantity  
For max. no. of cables  
Colour  
Length  
Width

**70113**  
**4251269334047**  
**10**  
**1**  
**blue (similar RAL 5005)**  
**21 mm**  
**21 mm**

Height  
Mounting height  
For cable type  
Clamping range

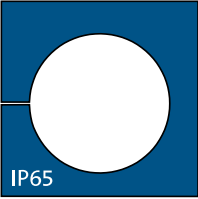
**19 mm**  
**2 mm**  
**Round cable**  
**1 x 13 - 14 mm**

KT-BL 14



|                        |                                |                 |                       |
|------------------------|--------------------------------|-----------------|-----------------------|
| Part No.               | <b>70114</b>                   | Height          | <b>19 mm</b>          |
| EAN                    | <b>4251269334054</b>           | Mounting height | <b>2 mm</b>           |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>    |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 14 - 15 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                       |
| Length                 | <b>21 mm</b>                   |                 |                       |
| Width                  | <b>21 mm</b>                   |                 |                       |

KT-BL 15



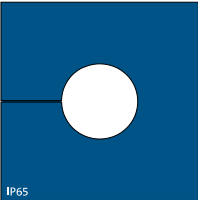
|                        |                                |                 |                       |
|------------------------|--------------------------------|-----------------|-----------------------|
| Part No.               | <b>70115</b>                   | Height          | <b>19 mm</b>          |
| EAN                    | <b>4251269334061</b>           | Mounting height | <b>2 mm</b>           |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>    |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 15 - 16 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                       |
| Length                 | <b>21 mm</b>                   |                 |                       |
| Width                  | <b>21 mm</b>                   |                 |                       |

BTG-BL



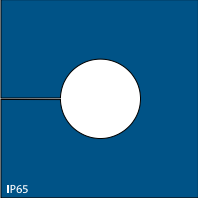
|                  |                                |                 |                    |
|------------------|--------------------------------|-----------------|--------------------|
| Part No.         | <b>70136</b>                   | Height          | <b>19 mm</b>       |
| EAN              | <b>4251269334276</b>           | Mounting height | <b>2 mm</b>        |
| Package quantity | <b>10</b>                      | For cable type  | <b>Round cable</b> |
| Colour           | <b>blue (similar RAL 5005)</b> | Blank grommet   | <b>1</b>           |
| Length           | <b>41,5 mm</b>                 |                 |                    |
| Width            | <b>42 mm</b>                   |                 |                    |

KT-BL 16



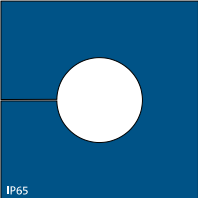
|                        |                                |                 |                       |
|------------------------|--------------------------------|-----------------|-----------------------|
| Part No.               | <b>70116</b>                   | Height          | <b>19 mm</b>          |
| EAN                    | <b>4251269334078</b>           | Mounting height | <b>2 mm</b>           |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>    |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 16 - 17 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                       |
| Length                 | <b>41,5 mm</b>                 |                 |                       |
| Width                  | <b>42 mm</b>                   |                 |                       |

KT-BL 17



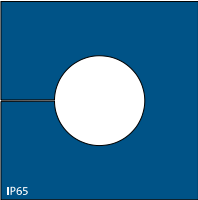
|                        |                                |                 |                       |
|------------------------|--------------------------------|-----------------|-----------------------|
| Part No.               | <b>70117</b>                   | Height          | <b>19 mm</b>          |
| EAN                    | <b>4251269334085</b>           | Mounting height | <b>2 mm</b>           |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>    |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 17 - 18 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                       |
| Length                 | <b>41,5 mm</b>                 |                 |                       |
| Width                  | <b>42 mm</b>                   |                 |                       |

KT-BL 18



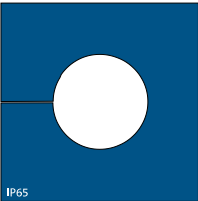
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|------------------------|--------------------------------|-----------------|-----------------------|
| Part No.               | <b>70118</b>                   | Height          | <b>19 mm</b>          |
| EAN                    | <b>4251269334092</b>           | Mounting height | <b>2 mm</b>           |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>    |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 18 - 19 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                       |
| Length                 | <b>41,5 mm</b>                 |                 |                       |
| Width                  | <b>42 mm</b>                   |                 |                       |

KT-BL 19



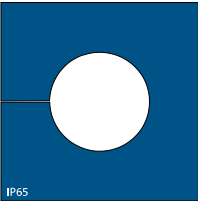
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|------------------------|--------------------------------|-----------------|-----------------------|
| Part No.               | <b>70119</b>                   | Height          | <b>19 mm</b>          |
| EAN                    | <b>4251269334108</b>           | Mounting height | <b>2 mm</b>           |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>    |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 19 - 20 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                       |
| Length                 | <b>41,5 mm</b>                 |                 |                       |
| Width                  | <b>42 mm</b>                   |                 |                       |

KT-BL 20



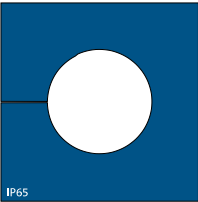
|                        |                                |                 |                       |
|------------------------|--------------------------------|-----------------|-----------------------|
| Part No.               | <b>70120</b>                   | Height          | <b>19 mm</b>          |
| EAN                    | <b>4251269334115</b>           | Mounting height | <b>2 mm</b>           |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>    |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 20 - 21 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                       |
| Length                 | <b>41,5 mm</b>                 |                 |                       |
| Width                  | <b>42 mm</b>                   |                 |                       |

KT-BL 21



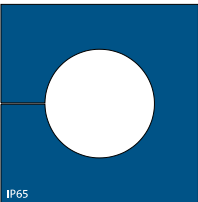
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|------------------------|--------------------------------|-----------------|-----------------------|
| Part No.               | <b>70121</b>                   | Height          | <b>19 mm</b>          |
| EAN                    | <b>4251269334122</b>           | Mounting height | <b>2 mm</b>           |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>    |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 21 - 22 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                       |
| Length                 | <b>41,5 mm</b>                 |                 |                       |
| Width                  | <b>42 mm</b>                   |                 |                       |

KT-BL 22



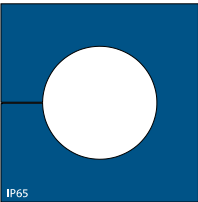
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|------------------------|--------------------------------|-----------------|-----------------------|
| Part No.               | <b>70122</b>                   | Height          | <b>19 mm</b>          |
| EAN                    | <b>4251269334139</b>           | Mounting height | <b>2 mm</b>           |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>    |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 22 - 23 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                       |
| Length                 | <b>41,5 mm</b>                 |                 |                       |
| Width                  | <b>42 mm</b>                   |                 |                       |

KT-BL 23



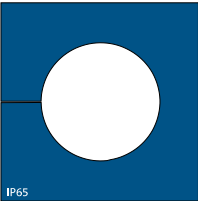
|                        |                                |                 |                       |
|------------------------|--------------------------------|-----------------|-----------------------|
| Part No.               | <b>70123</b>                   | Height          | <b>19 mm</b>          |
| EAN                    | <b>4251269334146</b>           | Mounting height | <b>2 mm</b>           |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>    |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 23 - 24 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                       |
| Length                 | <b>41,5 mm</b>                 |                 |                       |
| Width                  | <b>42 mm</b>                   |                 |                       |

KT-BL 24



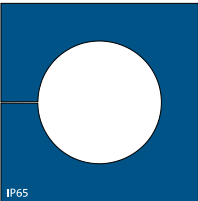
|                        |                                |                 |                       |
|------------------------|--------------------------------|-----------------|-----------------------|
| Part No.               | <b>70124</b>                   | Height          | <b>19 mm</b>          |
| EAN                    | <b>4251269334153</b>           | Mounting height | <b>2 mm</b>           |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>    |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 24 - 25 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                       |
| Length                 | <b>41,5 mm</b>                 |                 |                       |
| Width                  | <b>42 mm</b>                   |                 |                       |

KT-BL 25



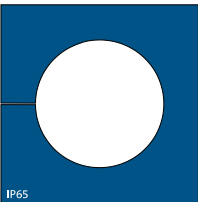
|                        |                                |                 |                       |
|------------------------|--------------------------------|-----------------|-----------------------|
| Part No.               | <b>70125</b>                   | Height          | <b>19 mm</b>          |
| EAN                    | <b>4251269334160</b>           | Mounting height | <b>2 mm</b>           |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>    |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 25 - 26 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                       |
| Length                 | <b>41,5 mm</b>                 |                 |                       |
| Width                  | <b>42 mm</b>                   |                 |                       |

KT-BL 26



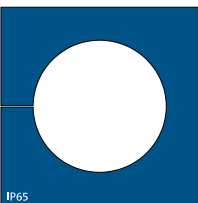
|                        |                                |                 |                       |
|------------------------|--------------------------------|-----------------|-----------------------|
| Part No.               | <b>70126</b>                   | Height          | <b>19 mm</b>          |
| EAN                    | <b>4251269334177</b>           | Mounting height | <b>2 mm</b>           |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>    |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 26 - 27 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                       |
| Length                 | <b>41,5 mm</b>                 |                 |                       |
| Width                  | <b>42 mm</b>                   |                 |                       |

KT-BL 27



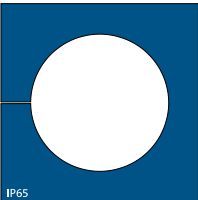
|                        |                                |                 |                       |
|------------------------|--------------------------------|-----------------|-----------------------|
| Part No.               | <b>70127</b>                   | Height          | <b>19 mm</b>          |
| EAN                    | <b>4251269334184</b>           | Mounting height | <b>2 mm</b>           |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>    |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 27 - 28 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                       |
| Length                 | <b>41,5 mm</b>                 |                 |                       |
| Width                  | <b>42 mm</b>                   |                 |                       |

KT-BL 28



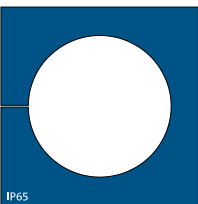
|                        |                                |                 |                       |
|------------------------|--------------------------------|-----------------|-----------------------|
| Part No.               | <b>70128</b>                   | Height          | <b>19 mm</b>          |
| EAN                    | <b>4251269334191</b>           | Mounting height | <b>2 mm</b>           |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>    |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 28 - 29 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                       |
| Length                 | <b>41,5 mm</b>                 |                 |                       |
| Width                  | <b>42 mm</b>                   |                 |                       |

KT-BL 29



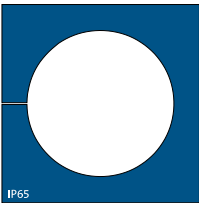
|                        |                                |                 |                       |
|------------------------|--------------------------------|-----------------|-----------------------|
| Part No.               | <b>70129</b>                   | Height          | <b>19 mm</b>          |
| EAN                    | <b>4251269334207</b>           | Mounting height | <b>2 mm</b>           |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>    |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 29 - 30 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                       |
| Length                 | <b>41,5 mm</b>                 |                 |                       |
| Width                  | <b>42 mm</b>                   |                 |                       |

KT-BL 30



|                        |                                |                 |                       |
|------------------------|--------------------------------|-----------------|-----------------------|
| Part No.               | <b>70130</b>                   | Height          | <b>19 mm</b>          |
| EAN                    | <b>4251269334214</b>           | Mounting height | <b>2 mm</b>           |
| Package quantity       | <b>10</b>                      | For cable type  | <b>Round cable</b>    |
| For max. no. of cables | <b>1</b>                       | Clamping range  | <b>1 x 30 - 31 mm</b> |
| Colour                 | <b>blue (similar RAL 5005)</b> |                 |                       |
| Length                 | <b>41,5 mm</b>                 |                 |                       |
| Width                  | <b>42 mm</b>                   |                 |                       |

KT-BL 31



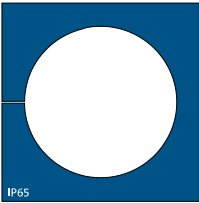
Part No.  
EAN  
Package quantity  
For max. no. of cables  
Colour  
Length  
Width

**70131**  
**4251269334221**  
**10**  
**1**  
**blue (similar RAL 5005)**  
**41,5 mm**  
**42 mm**

Height  
Mounting height  
For cable type  
Clamping range

**19 mm**  
**2 mm**  
**Round cable**  
**1 x 31 - 32 mm**

KT-BL 32



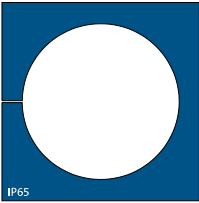
Part No.  
EAN  
Package quantity  
For max. no. of cables  
Colour  
Length  
Width

**70132**  
**4251269334238**  
**10**  
**1**  
**blue (similar RAL 5005)**  
**41,5 mm**  
**42 mm**

Height  
Mounting height  
For cable type  
Clamping range

**19 mm**  
**2 mm**  
**Round cable**  
**1 x 32 - 33 mm**

KT-BL 33



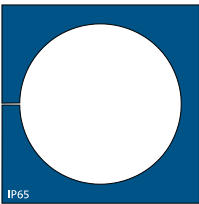
Part No.  
EAN  
Package quantity  
For max. no. of cables  
Colour  
Length  
Width

**70133**  
**4251269334245**  
**10**  
**1**  
**blue (similar RAL 5005)**  
**41,5 mm**  
**42 mm**

Height  
Mounting height  
For cable type  
Clamping range

**19 mm**  
**2 mm**  
**Round cable**  
**1 x 33 - 34 mm**

KT-BL 34



Part No.  
EAN  
Package quantity  
For max. no. of cables  
Colour  
Length  
Width

**70134**  
**4251269334252**  
**10**  
**1**  
**blue (similar RAL 5005)**  
**41,5 mm**  
**42 mm**

Height  
Mounting height  
For cable type  
Clamping range

**19 mm**  
**2 mm**  
**Round cable**  
**1 x 34 - 35 mm**