

# KVT-EMC bracket with shield clamp

for split cable glands KVT and QVT



The KVT-EMC brackets in combination with the [split cable glands KVT](#) and [QVT](#) combine routing, EMC shield earthing and strain relief. The connection to the earth potential is possible via the enclosure wall or an [earthing tape](#).

Cables pass through the split cable glands and lead directly into the EMC clamps.

Separate functions (according to regulations) carried out quickly and easily!

## Specifications

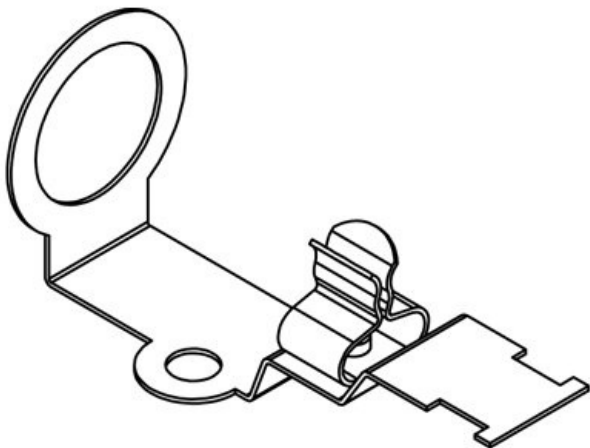
|                  |                                      |
|------------------|--------------------------------------|
| Material         | Mild steel, galvanically zinc plated |
| Properties       | vibration proof                      |
| Mounting options | Fasten with locknut                  |

## Advantages & Benefits

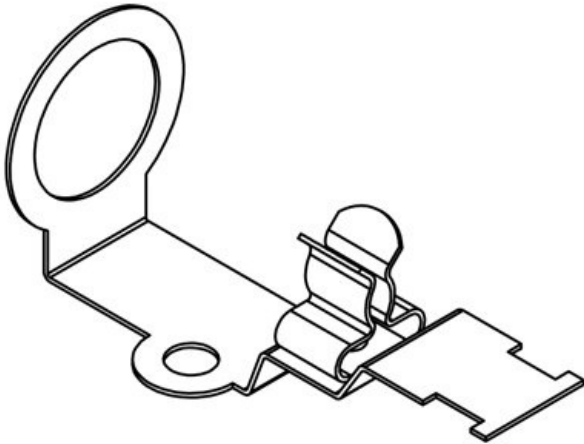
- Fast and easy assembly
- Large contact area
- Shield contact and strain relief separated
- Subsequent assembly possible
- Additional M5 hole for earthing tape or PE connection
- Replacement for EMC cable glands, even for pre-terminated cables

## Product Types & Sizes

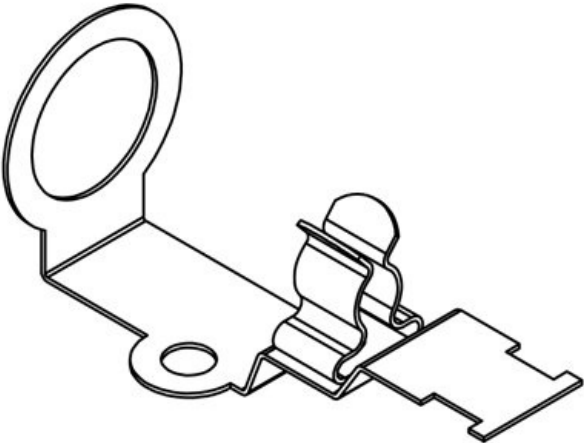
KVT-EMC-16|SKL 1.5-3



|                        |                      |                                   |                |
|------------------------|----------------------|-----------------------------------|----------------|
| Part No.               | <b>37187.1</b>       | Max. shield diam.                 | <b>3 mm</b>    |
| EAN                    | <b>4251269329005</b> | Length                            | <b>58,5 mm</b> |
| Package quantity       | <b>5</b>             | Strain relief function            | <b>Yes</b>     |
| No. of shield clamps   | <b>1</b>             | Width                             | <b>23 mm</b>   |
| Shield clamp type      | <b>SKL</b>           | Height                            | <b>26,7 mm</b> |
| For max. no. of cables | <b>1</b>             | Hole size                         | <b>M16</b>     |
| Min. shield diam.      | <b>1,5 mm</b>        | Suitable for cable entry systems: | <b>QVT 16</b>  |

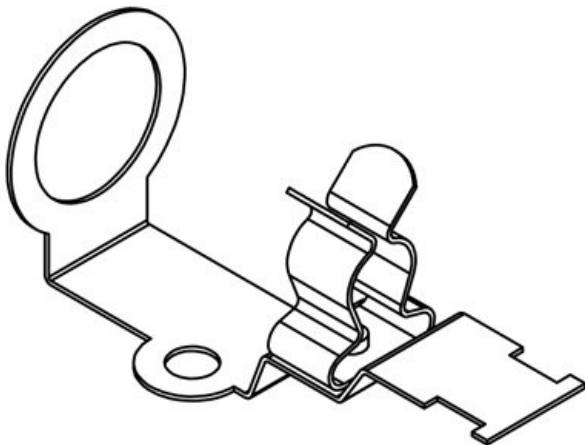


|                        |                      |                                   |                |
|------------------------|----------------------|-----------------------------------|----------------|
| Part No.               | <b>37187.2</b>       | Max. shield diam.                 | <b>6 mm</b>    |
| EAN                    | <b>4251269329012</b> | Length                            | <b>58,5 mm</b> |
| Package quantity       | <b>5</b>             | Strain relief function            | <b>Yes</b>     |
| No. of shield clamps   | <b>1</b>             | Width                             | <b>23 mm</b>   |
| Shield clamp type      | <b>SKL</b>           | Height                            | <b>26,7 mm</b> |
| For max. no. of cables | <b>1</b>             | Hole size                         | <b>M16</b>     |
| Min. shield diam.      | <b>3 mm</b>          | Suitable for cable entry systems: | <b>QVT 16</b>  |

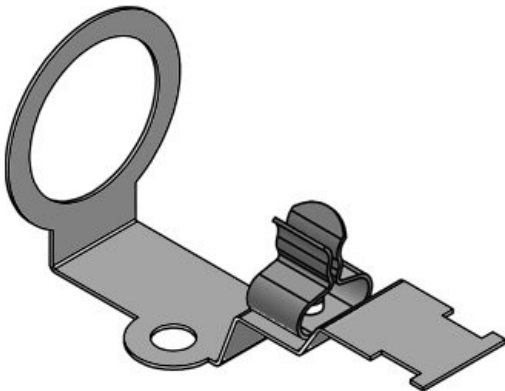


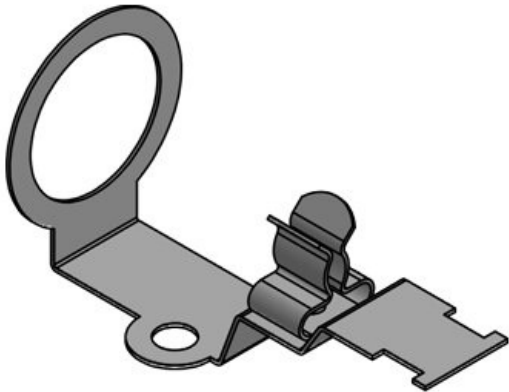
|                        |                      |                                   |                |
|------------------------|----------------------|-----------------------------------|----------------|
| Part No.               | <b>37187.3</b>       | Max. shield diam.                 | <b>8 mm</b>    |
| EAN                    | <b>4251269329029</b> | Length                            | <b>58,5 mm</b> |
| Package quantity       | <b>5</b>             | Strain relief function            | <b>Yes</b>     |
| No. of shield clamps   | <b>1</b>             | Width                             | <b>23 mm</b>   |
| Shield clamp type      | <b>SKL</b>           | Height                            | <b>26,7 mm</b> |
| For max. no. of cables | <b>1</b>             | Hole size                         | <b>M16</b>     |
| Min. shield diam.      | <b>6 mm</b>          | Suitable for cable entry systems: | <b>QVT 16</b>  |

|                 |                   |               |                |
|-----------------|-------------------|---------------|----------------|
| Part No.        | <b>37187.4</b>    | Max. shield   | <b>11 mm</b>   |
| EAN             | <b>4251269329</b> | diam.         |                |
|                 | <b>036</b>        | Length        | <b>58,5 mm</b> |
| Package         | <b>5</b>          | Strain relief | <b>Yes</b>     |
| quantity        |                   | function      |                |
| No. of shield   | <b>1</b>          | Width         | <b>23 mm</b>   |
| clamps          |                   | Height        | <b>26,7 mm</b> |
| Shield clamp    | <b>SKL</b>        | Hole size     | <b>M16</b>     |
| type            |                   | Suitable for  | <b>QVT 16</b>  |
| For max. no. of | <b>1</b>          | cable entry   |                |
| cables          |                   | systems:      |                |
| Min. shield     | <b>8 mm</b>       |               |                |
| diam.           |                   |               |                |

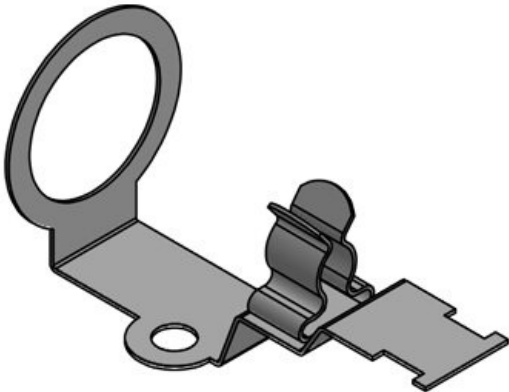


|                 |                   |               |                    |
|-----------------|-------------------|---------------|--------------------|
| Part No.        | <b>37190.1</b>    | Max. shield   | <b>3 mm</b>        |
| EAN             | <b>4251269335</b> | diam.         |                    |
|                 | <b>983</b>        | Length        | <b>58,9 mm</b>     |
| Package         | <b>5</b>          | Strain relief | <b>Yes</b>         |
| quantity        |                   | function      |                    |
| No. of shield   | <b>1</b>          | Width         | <b>27 mm</b>       |
| clamps          |                   | Height        | <b>31 mm</b>       |
| Shield clamp    | <b>SKL</b>        | Hole size     | <b>M20</b>         |
| type            |                   | Suitable for  | <b>KVT 20, QVT</b> |
| For max. no. of | <b>1</b>          | cable entry   | <b>20</b>          |
| cables          |                   | systems:      |                    |
| Min. shield     | <b>1,5 mm</b>     |               |                    |
| diam.           |                   |               |                    |



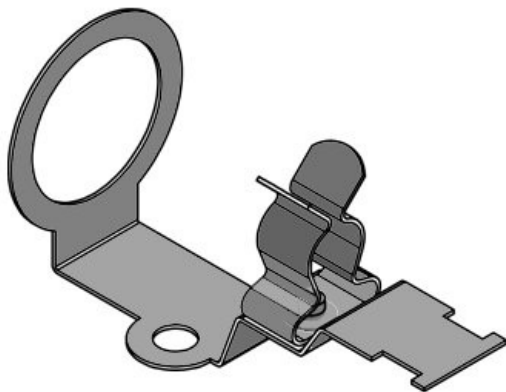


|                        |                   |                                   |                       |
|------------------------|-------------------|-----------------------------------|-----------------------|
| Part No.               | <b>37190.2</b>    | Max. shield diam.                 | <b>6 mm</b>           |
| EAN                    | <b>4251269335</b> | Length                            | <b>58,9 mm</b>        |
|                        | <b>990</b>        | Strain relief function            | <b>Yes</b>            |
| Package quantity       | <b>5</b>          | Width                             | <b>27 mm</b>          |
| No. of shield clamps   | <b>1</b>          | Height                            | <b>31 mm</b>          |
| Shield clamp type      | <b>SKL</b>        | Hole size                         | <b>M20</b>            |
| For max. no. of cables | <b>1</b>          | Suitable for cable entry systems: | <b>KVT 20, QVT 20</b> |
| Min. shield diam.      | <b>3 mm</b>       |                                   |                       |

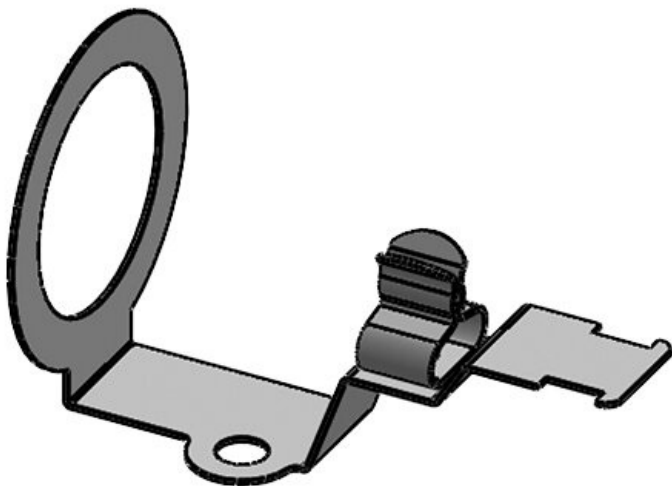


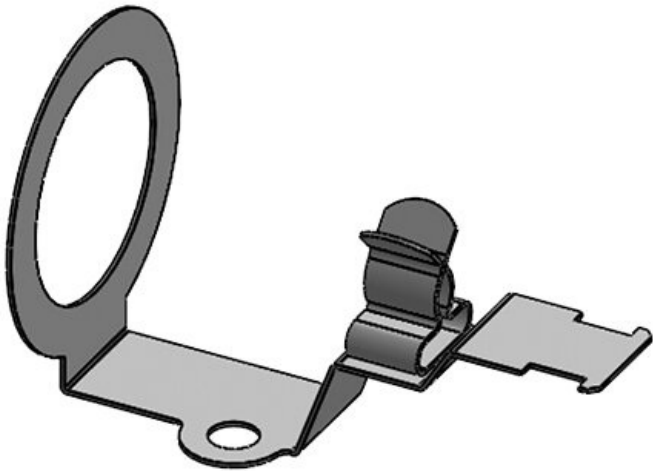
|                        |                   |                                   |                       |
|------------------------|-------------------|-----------------------------------|-----------------------|
| Part No.               | <b>37190.3</b>    | Max. shield diam.                 | <b>8 mm</b>           |
| EAN                    | <b>4251269336</b> | Length                            | <b>58,9 mm</b>        |
|                        | <b>003</b>        | Strain relief function            | <b>Yes</b>            |
| Package quantity       | <b>5</b>          | Width                             | <b>27 mm</b>          |
| No. of shield clamps   | <b>1</b>          | Height                            | <b>31 mm</b>          |
| Shield clamp type      | <b>SKL</b>        | Hole size                         | <b>M20</b>            |
| For max. no. of cables | <b>1</b>          | Suitable for cable entry systems: | <b>KVT 20, QVT 20</b> |
| Min. shield diam.      | <b>6 mm</b>       |                                   |                       |

|                 |                      |               |                    |
|-----------------|----------------------|---------------|--------------------|
| Part No.        | <b>37190.4</b>       | Max. shield   | <b>11 mm</b>       |
| EAN             | <b>4251269336010</b> | diam.         |                    |
|                 |                      | Length        | <b>58,9 mm</b>     |
| Package         | <b>5</b>             | Strain relief | <b>Yes</b>         |
| quantity        |                      | function      |                    |
| No. of shield   | <b>1</b>             | Width         | <b>27 mm</b>       |
| clamps          |                      | Height        | <b>31 mm</b>       |
| Shield clamp    | <b>SKL</b>           | Hole size     | <b>M20</b>         |
| type            |                      | Suitable for  | <b>KVT 20, QVT</b> |
| For max. no. of | <b>1</b>             | cable entry   | <b>20</b>          |
| cables          |                      | systems:      |                    |
| Min. shield     | <b>8 mm</b>          |               |                    |
| diam.           |                      |               |                    |

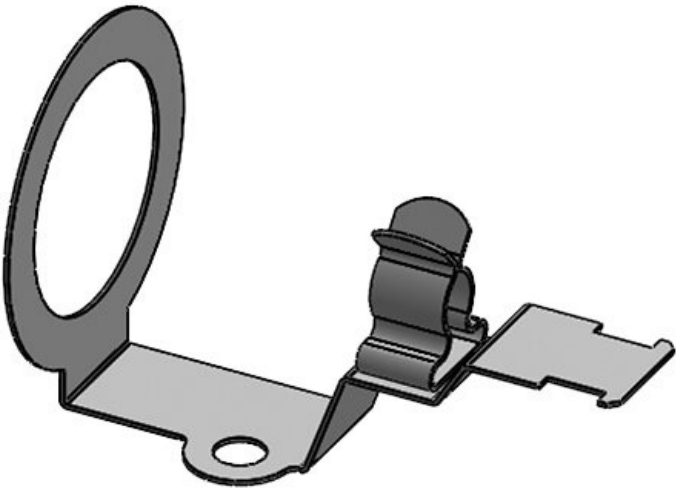


|                 |                      |               |                    |
|-----------------|----------------------|---------------|--------------------|
| Part No.        | <b>37180.1</b>       | Max. shield   | <b>3 mm</b>        |
| EAN             | <b>4251269305283</b> | diam.         |                    |
|                 |                      | Length        | <b>60 mm</b>       |
| Package         | <b>5</b>             | Strain relief | <b>Yes</b>         |
| quantity        |                      | function      |                    |
| No. of shield   | <b>1</b>             | Width         | <b>36 mm</b>       |
| clamps          |                      | Height        | <b>39 mm</b>       |
| Shield clamp    | <b>SKL</b>           | Hole size     | <b>M25</b>         |
| type            |                      | Suitable for  | <b>KVT-ER 25,</b>  |
| For max. no. of | <b>1</b>             | cable entry   | <b>KVT 25, QVT</b> |
| cables          |                      | systems:      | <b>25, KEL-DPF</b> |
| Min. shield     | <b>1,5 mm</b>        |               | <b>25, KEL-</b>    |
| diam.           |                      |               | <b>SCDP-TR 25</b>  |



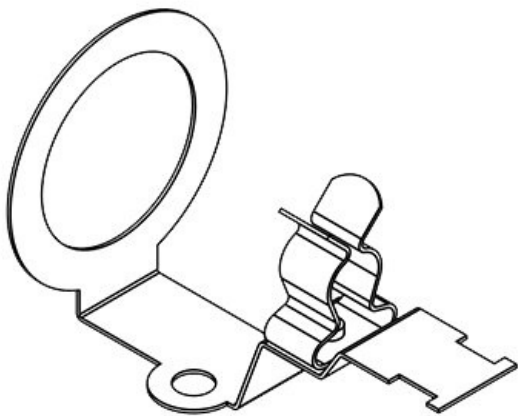


|                        |                      |                                   |                                                              |
|------------------------|----------------------|-----------------------------------|--------------------------------------------------------------|
| Part No.               | <b>37180.2</b>       | Max. shield diam.                 | <b>6 mm</b>                                                  |
| EAN                    | <b>4251269305290</b> | Length                            | <b>60 mm</b>                                                 |
| Package quantity       | <b>5</b>             | Strain relief function            | <b>Yes</b>                                                   |
| No. of shield clamps   | <b>1</b>             | Width                             | <b>36 mm</b>                                                 |
| Shield clamp type      | <b>SKL</b>           | Height                            | <b>39 mm</b>                                                 |
| For max. no. of cables | <b>1</b>             | Hole size                         | <b>M25</b>                                                   |
| Min. shield diam.      | <b>3 mm</b>          | Suitable for cable entry systems: | <b>KVT-ER 25, KVT 25, QVT 25, KEL-DPF 25, KEL-SCDP-TR 25</b> |

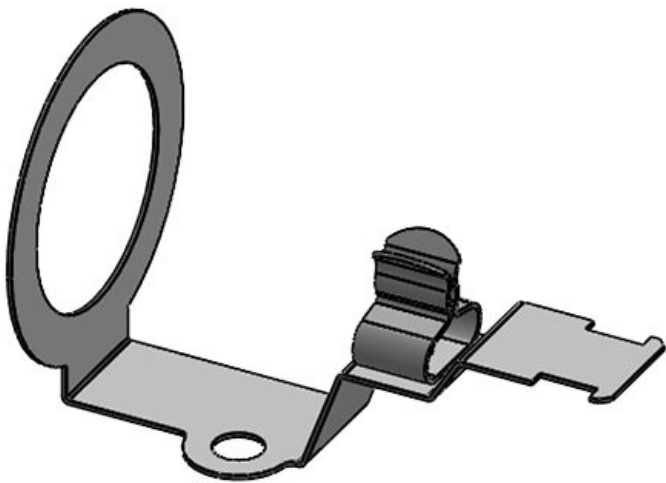


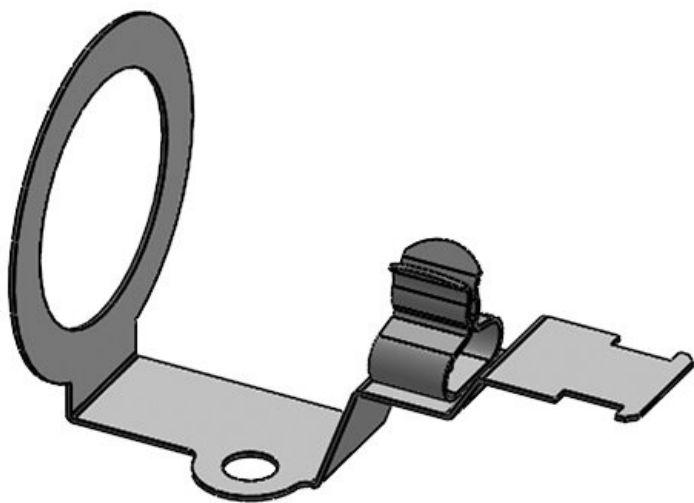
|                        |                      |                                   |                                                              |
|------------------------|----------------------|-----------------------------------|--------------------------------------------------------------|
| Part No.               | <b>37180.3</b>       | Max. shield diam.                 | <b>8 mm</b>                                                  |
| EAN                    | <b>4251269305306</b> | Length                            | <b>60 mm</b>                                                 |
| Package quantity       | <b>5</b>             | Strain relief function            | <b>Yes</b>                                                   |
| No. of shield clamps   | <b>1</b>             | Width                             | <b>36 mm</b>                                                 |
| Shield clamp type      | <b>SKL</b>           | Height                            | <b>39 mm</b>                                                 |
| For max. no. of cables | <b>1</b>             | Hole size                         | <b>M25</b>                                                   |
| Min. shield diam.      | <b>6 mm</b>          | Suitable for cable entry systems: | <b>KVT-ER 25, KVT 25, QVT 25, KEL-DPF 25, KEL-SCDP-TR 25</b> |

|                 |                   |               |                    |
|-----------------|-------------------|---------------|--------------------|
| Part No.        | <b>37180.4</b>    | Max. shield   | <b>11 mm</b>       |
| EAN             | <b>4251269305</b> | diam.         |                    |
|                 | <b>313</b>        | Length        | <b>60 mm</b>       |
| Package         | <b>5</b>          | Strain relief | <b>Yes</b>         |
| quantity        |                   | function      |                    |
| No. of shield   | <b>1</b>          | Width         | <b>36 mm</b>       |
| clamps          |                   | Height        | <b>39 mm</b>       |
| Shield clamp    | <b>SKL</b>        | Hole size     | <b>M25</b>         |
| type            |                   | Suitable for  | <b>KVT-ER 25,</b>  |
| For max. no. of | <b>1</b>          | cable entry   | <b>KVT 25, QVT</b> |
| cables          |                   | systems:      | <b>25, KEL-DPF</b> |
| Min. shield     | <b>8 mm</b>       |               | <b>25, KEL-</b>    |
| diam.           |                   |               | <b>SCDP-TR 25</b>  |

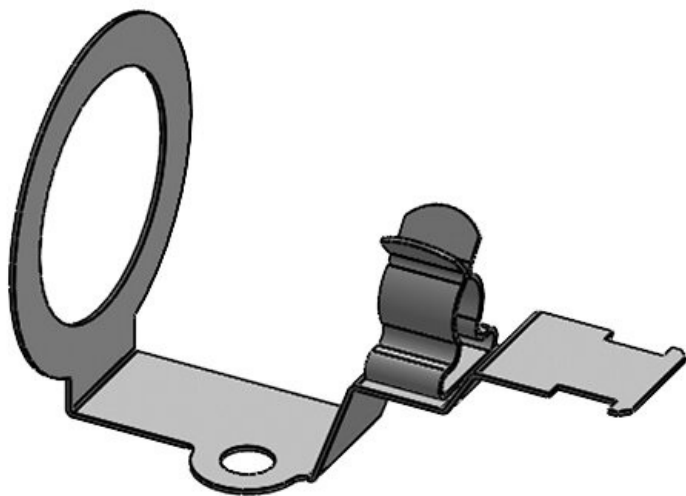


|                 |                   |               |                     |
|-----------------|-------------------|---------------|---------------------|
| Part No.        | <b>37181.1</b>    | Max. shield   | <b>3 mm</b>         |
| EAN             | <b>4251269305</b> | diam.         |                     |
|                 | <b>320</b>        | Length        | <b>60 mm</b>        |
| Package         | <b>5</b>          | Strain relief | <b>Yes</b>          |
| quantity        |                   | function      |                     |
| No. of shield   | <b>1</b>          | Width         | <b>43 mm</b>        |
| clamps          |                   | Height        | <b>48 mm</b>        |
| Shield clamp    | <b>SKL</b>        | Hole size     | <b>M32</b>          |
| type            |                   | Suitable for  | <b>KVT-ER 32,</b>   |
| For max. no. of | <b>1</b>          | cable entry   | <b>KVT 32, KVT</b>  |
| cables          |                   | systems:      | <b>32-W90, QVT</b>  |
| Min. shield     | <b>1,5 mm</b>     |               | <b>32, KEL-BES-</b> |
| diam.           |                   |               | <b>S 32</b>         |





|                        |                      |                                   |                                                                        |
|------------------------|----------------------|-----------------------------------|------------------------------------------------------------------------|
| Part No.               | <b>37181.2</b>       | Max. shield diam.                 | <b>6 mm</b>                                                            |
| EAN                    | <b>4251269305337</b> | Length                            | <b>60 mm</b>                                                           |
| Package quantity       | <b>5</b>             | Strain relief function            | <b>Yes</b>                                                             |
| No. of shield clamps   | <b>1</b>             | Width                             | <b>43 mm</b>                                                           |
| Shield clamp type      | <b>SKL</b>           | Height                            | <b>48 mm</b>                                                           |
| For max. no. of cables | <b>1</b>             | Hole size                         | <b>M32</b>                                                             |
| Min. shield diam.      | <b>3 mm</b>          | Suitable for cable entry systems: | <b>KVT-ER 32, KVT 32, KVT 32-W90, QVT 32, KEL-DPF 32, KEL-BES-S 32</b> |



|                        |                      |                                   |                                                                        |
|------------------------|----------------------|-----------------------------------|------------------------------------------------------------------------|
| Part No.               | <b>37181.3</b>       | Max. shield diam.                 | <b>8 mm</b>                                                            |
| EAN                    | <b>4251269305344</b> | Length                            | <b>60 mm</b>                                                           |
| Package quantity       | <b>5</b>             | Strain relief function            | <b>Yes</b>                                                             |
| No. of shield clamps   | <b>1</b>             | Width                             | <b>43 mm</b>                                                           |
| Shield clamp type      | <b>SKL</b>           | Height                            | <b>48 mm</b>                                                           |
| For max. no. of cables | <b>1</b>             | Hole size                         | <b>M32</b>                                                             |
| Min. shield diam.      | <b>6 mm</b>          | Suitable for cable entry systems: | <b>KVT-ER 32, KVT 32, KVT 32-W90, QVT 32, KEL-DPF 32, KEL-BES-S 32</b> |



|                 |                   |               |                     |
|-----------------|-------------------|---------------|---------------------|
| Part No.        | <b>37181.4</b>    | Max. shield   | <b>11 mm</b>        |
| EAN             | <b>4251269305</b> | diam.         |                     |
|                 | <b>351</b>        | Length        | <b>60 mm</b>        |
| Package         | <b>5</b>          | Strain relief | <b>Yes</b>          |
| quantity        |                   | function      |                     |
| No. of shield   | <b>1</b>          | Width         | <b>43 mm</b>        |
| clamps          |                   | Height        | <b>48 mm</b>        |
| Shield clamp    | <b>SKL</b>        | Hole size     | <b>M32</b>          |
| type            |                   | Suitable for  | <b>KVT-ER 32,</b>   |
| For max. no. of | <b>1</b>          | cable entry   | <b>KVT 32, KVT</b>  |
| cables          |                   | systems:      | <b>32-W90, QVT</b>  |
| Min. shield     | <b>8 mm</b>       |               | <b>32, KEL-DPF</b>  |
| diam.           |                   |               | <b>32, KEL-BES-</b> |
|                 |                   |               | <b>S 32</b>         |

