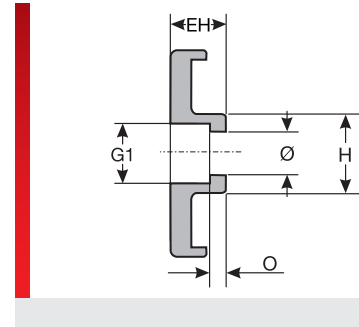
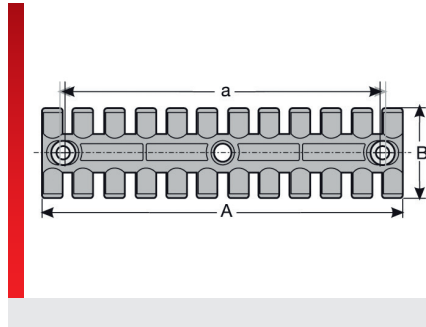
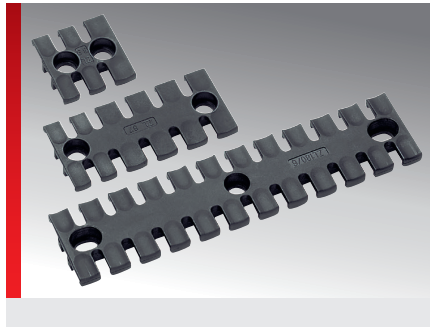


## Type ZL strain relief



### PRODUCT INFORMATION

The ZL strain relief plate may be used whenever the strain of cables, hoses, cords, wires or conduits must be relieved or they are to be routed in a secure, easy and cost-effective way. The insertion of the ELB bush stops the cold extrusion characteristic of plastic from affecting the secure fixing of the plate.

The DH spacer sleeve is needed for two-tier mounting.

- Approved for railway technology (EN 45545-2)

### SPECIFICATIONS

|  |                      |
|--|----------------------|
|  | Plate: Polyamide 6.6 |
|  | -40 – 125 °C         |
|  | V0                   |
|  |                      |
|  |                      |
|  |                      |
|  |                      |
|  |                      |
|  |                      |

| Article  | Order No. | Colour | No. Cables | MOQ pcs. |
|----------|-----------|--------|------------|----------|
| ZL 04    | 87701010  | Black  | 12         | 1        |
| ZL 05    | 87701012  | Black  | 15         | 1        |
| ZL 39    | 87701014  | Black  | 3          | 1        |
| ZL 60    | 87701016  | Black  | 4          | 1        |
| ZL 70    | 87701017  | Black  | 5          | 1        |
| ZL 80    | 87701015  | Black  | 6          | 1        |
| ZL 87/68 | 87701018  | Black  | 6          | 1        |
| ZL 87/50 | 87701019  | Black  | 6          | 1        |
| ZL 103   | 87701020  | Black  | 7          | 1        |
| ZL 121   | 87701022  | Black  | 8          | 1        |
| ZL 140   | 87701024  | Black  | 9          | 1        |
| ZL 180/6 | 87701026  | Black  | 12         | 1        |
| ZL 180/8 | 87701027  | Black  | 12         | 1        |

### DIMENSION TABLE

| Article  | Order No. | A mm   | a mm   | B mm  | EH mm | G1 mm | H mm  | O mm | Ø mm |
|----------|-----------|--------|--------|-------|-------|-------|-------|------|------|
| ZL 04    | 87701010  | 95.00  | 74.50  | 35.00 | 9.20  | 8.50  |       | 3.10 | 5.50 |
| ZL 05    | 87701012  | 119.00 | 108.00 | 35.00 | 9.20  | 8.50  |       | 3.10 | 5.50 |
| ZL 39    | 87701014  | 38.50  | 19.50  | 40.00 | 10.00 | 12.00 | 14.00 | 3.10 | 9.00 |
| ZL 60    | 87701016  | 59.50  | 43.50  | 40.00 | 10.00 | 12.00 | 14.00 | 3.10 | 9.00 |
| ZL 70    | 87701017  | 69.50  | 43.50  | 40.00 | 10.00 | 12.00 | 14.00 | 3.10 | 9.00 |
| ZL 80    | 87701015  | 79.50  | 68.00  | 40.00 | 10.00 | 12.00 | 14.00 | 3.10 | 9.00 |
| ZL 87/68 | 87701018  | 86.50  | 68.00  | 40.00 | 10.00 | 12.00 | 14.00 | 3.10 | 9.00 |
| ZL 87/50 | 87701019  | 86.50  | 50.00  | 40.00 | 10.00 | 12.00 | 14.00 | 3.10 | 9.00 |
| ZL 103   | 87701020  | 102.50 | 84.00  | 40.00 | 10.00 | 12.00 | 14.00 | 3.10 | 9.00 |

## Type ZL strain relief

| Article  | Order No. | A<br>mm | a<br>mm | B<br>mm | EH<br>mm | G1<br>mm | H<br>mm | O<br>mm | Ø<br>mm |
|----------|-----------|---------|---------|---------|----------|----------|---------|---------|---------|
| ZL 121   | 87701022  | 121.00  | 102.50  | 40.00   | 10.00    | 12.00    | 14.00   | 3.10    | 9.00    |
| ZL 140   | 87701024  | 139.50  | 121.00  | 40.00   | 10.00    | 12.00    | 14.00   | 3.10    | 9.00    |
| ZL 180/6 | 87701026  | 180.00  | 157.00  | 42.00   | 11.50    | 12.00    | 16.00   | 3.10    | 9.00    |
| ZL 180/8 | 87701027  | 180.00  | 157.00  | 42.00   | 11.50    | 13.40    | 16.00   | 3.10    | 11.00   |

## MATERIAL PROPERTIES



Plate: Polyamide 6.6

## THERMAL PROPERTIES



Temperature / temperature range

-40 – 125 °C

## FIRE PROPERTIES



V0

## TECHNICAL INFORMATION



Halogen-free



LABS free



According to EN -2-1

## CONFORMITY



RoHS (EC Directive 2011/65/EU)

## APPROVALS AND OPERATING PERMITS



EU railway approval

## GENERAL INFORMATION



Made in Germany

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