

# SES® strain relief bushes DM

## in Polyamide 6 black and white

### for torsional protection

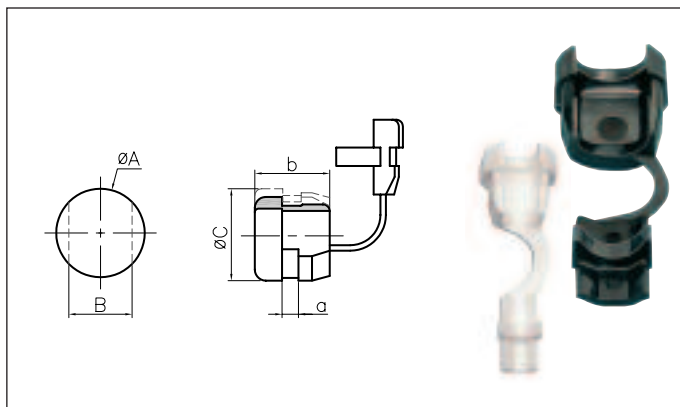


DM-SES®

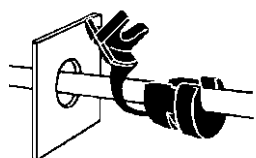


#### DM-SES

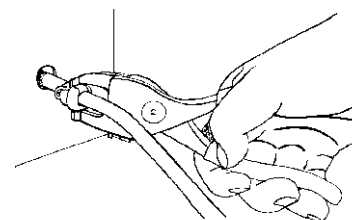
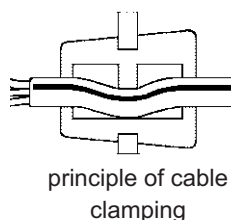
**Material:** polyamide 6  
**Colours:** black - white  
**Operating temperature:** -20 to +70°C  
**Tensile strength at break:** 80 MPa  
**Ultimate elongation:** > 50%  
**Dielectric strength:** 60 kV/mm  
**Flame resistance:** V2 UL94 (internal test)  
**Application:** for passing a cable through a wall with cable clamp.



| type         | art. no.      |               | dimensions of the cables (mm) |                        | dimensions (mm) |      |           |      |     |    |
|--------------|---------------|---------------|-------------------------------|------------------------|-----------------|------|-----------|------|-----|---------------------------------------------------------------------------------------|
|              | black<br>010  | white<br>001  | Ø PVC<br>insulation           | Ø rubber<br>insulation | Ø A             | B    | bore<br>a | b    | Ø C |                                                                                       |
| round cables |               |               |                               |                        |                 |      |           |      |     |                                                                                       |
| DM 2         | 0131 0012 010 | 0131 0012 001 | 3 ... 4,5                     | 3 ... 4,5              | 9,5             | 8,5  | 1,7       | 10,3 | 11  | 100                                                                                   |
| DM 2L        | 0131 0032 010 | 0131 0032 001 | 3 ... 4,5                     | 3 ... 4,5              | 9,5             | 8,5  | 3,1       | 10,3 | 11  | 100                                                                                   |
| DM 4         | 0131 0001 010 | 0131 0001 001 | 5 ... 6,5                     | 5 ... 7                | 13              | 11,5 | 2,5       | 12   | 14  | 100                                                                                   |
| DM 5         | 0131 0010 010 | 0131 0010 001 | 6,5 ... 7,5                   | 6,5 ... 7,5            | 13              | 11,5 | 2,5       | 11   | 14  | 100                                                                                   |
| DM 6         | 0131 0002 010 | 0131 0002 001 | 6,6 ... 8                     | 7,1 ... 9              | 16              | 14   | 3,5       | 17   | 18  | 100                                                                                   |
| DM 7         | 0131 0003 010 | 0131 0003 001 | 8,1 ... 10                    | 9,1 ... 11             | 22,5            | 21   | 3,2       | 20   | 25  | 100                                                                                   |
| DM 8         | 0131 0004 010 | 0131 0004 001 | 10,1 ... 12,5                 | 11,1 ... 14            | 22,5            | 21   | 3,6       | 22   | 22  | 100                                                                                   |
|              |               |               |                               |                        |                 |      |           |      |     |                                                                                       |
|              |               |               | H x W                         | H x W                  | Ø A             | B    | a         | b    | Ø C |  |
| flat cables  |               |               |                               |                        |                 |      |           |      |     |                                                                                       |
| DM 2P        | 0131 0022 010 | 0131 0022 001 | 3 x 5                         | 3 x 5                  | 9,5             | 8,5  | 1,7       | 10,3 | 11  | 100                                                                                   |
| DM 2LP       | 0131 0042 010 | 0131 0042 001 | 3 x 5                         | 3 x 5                  | 9,5             | 8,5  | 3,1       | 10,3 | 11  | 100                                                                                   |
| DM 4P        | 0131 0020 010 | 0131 0020 001 | 3 x 7,6                       | 3,8 x 7,1              | 13              | 11,5 | 2,8       | 10,5 | 14  | 100                                                                                   |
| DM 6P        | 0131 0021 010 | 0131 0021 001 | 5 x 9                         | 5 x 9                  | 16              | 14   | 3         | 17   | 18  | 100                                                                                   |



Round bore (ØA)  
 For torsional protection of strain relief grommets, an oblong bore (B) is required.



#### • DM application tool

Rack and pinion pliers with adjustable jaws to apply all types of strain relief grommets DM-SES for small or mid-sized series.

| type | article<br>number | characteristics |            |   |
|------|-------------------|-----------------|------------|---|
|      |                   | length (mm)     | weight (g) |   |
| R 29 | 0655 0001 000     | 180             | 270        | 1 |

