



# BE SERIES

**100%  
MADE IN  
GERMANY**

## PROPERTIES

- Resistance to:** Ultraviolet rays, ozone, mineral oils, fuels, salts, alkalis, alcohol, hydrocarbons, ketones, ether, termites and radioactive rays\*
- Flame resistance:** UL94 5VA (IEC 60695-11-20)  
UL94 V-0 (IEC 60695-11-10)  
IEC 61914 following IEC 60695-11-5  
Classification following DIN 5510, part 2 Flammability class: S3
- Thermal expansion:** 0.01% per 10°C temperature increase
- Tensile strength:** 120 N/mm<sup>2</sup>
- Flexural strength:** 210 N/mm<sup>2</sup>

## TEMPERATURE RANGE

- Ambient temperature:** down to -60°C\*
- Continuous operation:** up to 120°C
- Permitted short-term heating:** up to 220°C
- Operation life:** more than 45 years of maintenance- and failure-free operation

## MATERIAL

High-grade polyamide, fibreglass-reinforced, coloured black, with special UV protection, fully recyclable, self-extinguishing, low-smoke, zero halogen (LSZH), non-toxic, non-corrosive, non-metallic, non-magnetic, silicone free

## Applications:

Parallel and/or stacked fastening of trailing cables (single- and multicore). Universal application indoors and outdoors between -60°C and +120°C. For vertical fastening of VPE cables we recommend the use of Elastic Inlays.\*

## Outer diameter of cables:

50 mm to 76 mm

## Dynamic resistance to short circuits:

15000 N

## Tightening Torque for fixing material:

Top part: 8 Nm\*\*

Bottom part: 20 Nm

Different diameters and dimensions upon request.

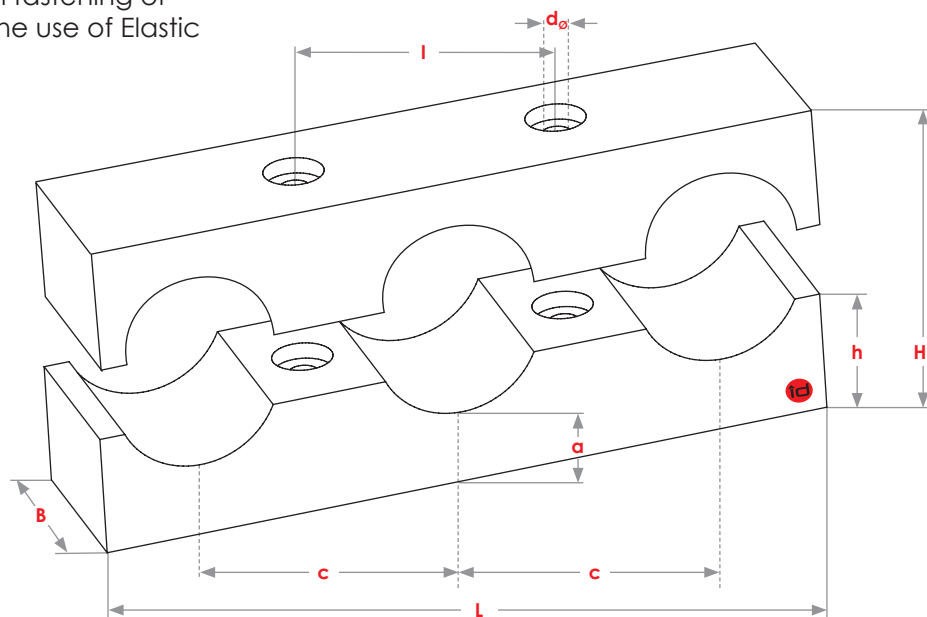
## Dimensions in mm

Type	D <sub>o</sub>	L	B	l	h	H <sub>1</sub>	a	c	d <sub>o</sub>	Screw thread
BE3 50/76	50-76	345	80	125	58	120-146	35	125	13,5	M 12

D<sub>o</sub>: Outer cable diameter

## Legal compliance

- Directive 2015/863/EU (RoHS)
- Regulation (EC) No. 1907/2006 (REACH regulation)



\* For more information contact id-Technik, please.

\*\* Contact id-Technik for trailing cables (EPDM, rubber, etc.), please.