

## Cable Clamps

Series:

**K**

Application:

Fastening of single- and multi-conductor cables, unrestricted application indoors and outdoors

Material:

Polyamide, fibreglass-reinforced

Outer diameter of cables:

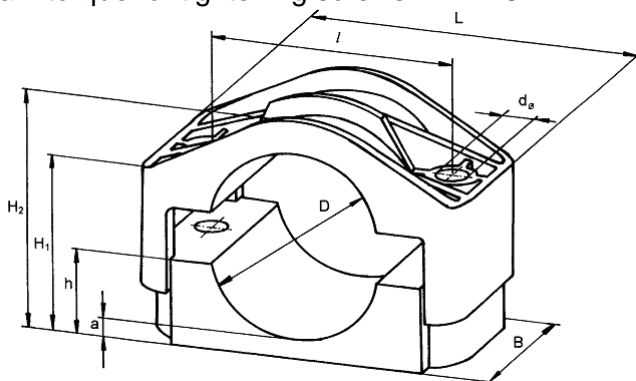
19 mm to 90 mm

Dynamic resistance to short circuits:

12,500 N

Max. torque for tightening screws:

5 Nm



Dimensions in mm



Type	$D_{\varnothing}$	$D_{\varnothing}^*$	$D_{\varnothing}^{**}$	L	B	l	$d_{\varnothing}$	$H_1$	$H_2$	h	a
<b>K 26/38</b>	24 - 38	21 - 35	19 - 32	91	60	60	12	36 - 47	46 - 57	19	7
<b>K 36/52</b>	36 - 52	33 - 49	30 - 46	108	60	75	12	43 - 56	56 - 72	24	8
<b>K 50/75</b>	50 - 75	47 - 72	44 - 69	126	60	95	12	51 - 77	74 - 98	30	9
<b>K 66/90</b>	66 - 90	63 - 87	60 - 84	158	70	120	14	65 - 89	91 - 115	42	10

$D_{\varnothing}$ : range of outer cable diameter

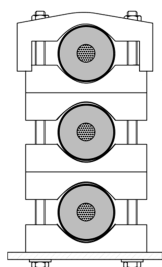
$D_{\varnothing}^*$ : ~ with one Elastic Inlay

$D_{\varnothing}^{**}$ : ~ with two Elastic Inlays

### Application with Elastic Inlay:

- as padding of the cables (for diameters  $\geq 60$  mm) to avoid damage of the cables under strain and/or change of surrounding temperature
- as secure fixation of the cables and absorption of forces due to the weight of the cables at vertical sections in any height (wind turbine generators, masts, shafts)
- as extension of the clamping range for the fixation of cables with smaller outer diameters

### Fastening example:

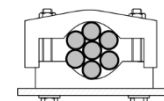
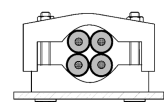
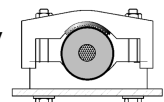


Additional bottom parts for the stacking of several cables (not K 66/90).

Example: Stack of three: 1 complete Cable Clamp plus 4 additional bottom parts

Stack of two: 1 complete Cable Clamp plus 2 additional bottom parts

Application with Elastic Inlay



Also suitable for bundled fastening of multiple cables

Id-Technik Cable Clamps are tested according to international standard IEC 61914 by accredited testing institutes.

**Test results for Cable Clamp Series K**

	Classification		IEC 61914 Paragraph
Material	Non-metallic	High-grade plastic	6.1.2
Operating temperature	-60°C +120°C	Minimum Maximum	6.2
Resistance to impact	Very heavy	At -60°C 5 kg of 400 mm height	6.3.5
Lateral load test in x-direction	10,000 N	At +120°C	6.4.1
Lateral load test in y-direction	19,000 N	At +120°C	6.4.1
Axial load test	600 N	At +120°C	6.4.2
Resistance to electrodynamic force	12,500 N	Suitable to withstand multiple short circuits	Tested at 109 kA 6.4.4
UV-resistance	High		6.5.1
Flame propagation	Passed V-0 S3	30 sec	10.1 UL 94 DIN 5510