

Cable Clamps

Series:

KT

Application:

Fastening of single- and multi-conductor cables for high short circuit forces, unrestricted application indoors and outdoors

Material:

Polyamide, fibreglass-reinforced

Outer diameter of cables:

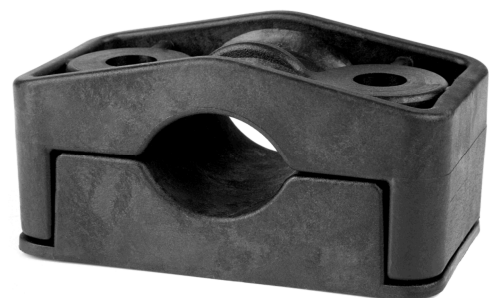
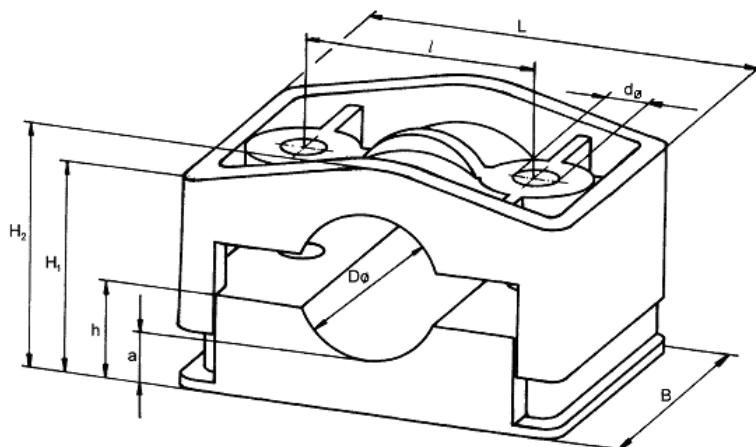
19 mm to 39 mm

Dynamic resistance to short circuits:

25,000 N

Max. torque for tightening screws:

5 Nm



Dimensions in mm

Type	D_{ϕ}	D_{ϕ}^*	D_{ϕ}^{**}	L	B	l	d_{ϕ}	H_1	H_2	h	a
KT 25/39	25 - 39	22 - 36	19 - 33	107	60	65	13	46 - 60	55 - 69	27	15

D_{ϕ} : range of outer cable diameter

D_{ϕ}^* : ~ with one Elastic Inlay

D_{ϕ}^{**} : ~ with two Elastic Inlays

Application with Elastic Inlay

- 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

Technical changes reserved 08/14

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

Test results for Cable Clamp Series KT

	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	20,000 N	At +120°C	6.4.1
Lateral load test in y-direction	30,000 N	At +120°C	6.4.1
Axial load test	600 N	At +120°C	6.4.2
Resistance to electrodynamic force	25,000 N	Suitable to withstand multiple short circuits	Tested at 151 kA 6.4.4
UV-resistance	High		6.5.1
Flame propagation	Passed V-0 S3	30 sec	10.1 UL 94 DIN 5510

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