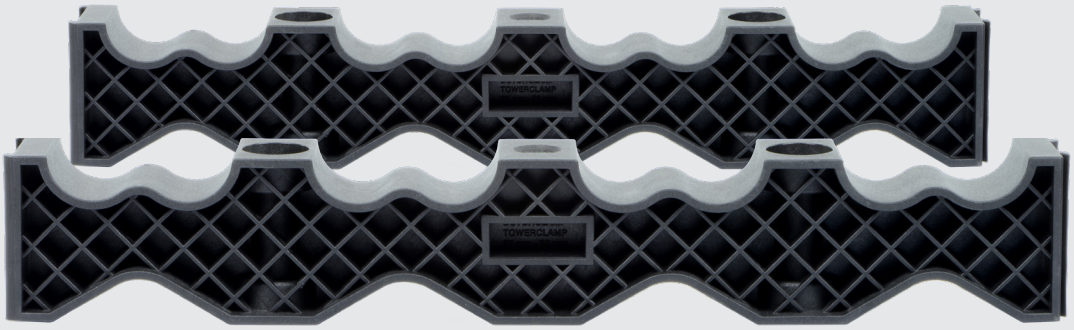
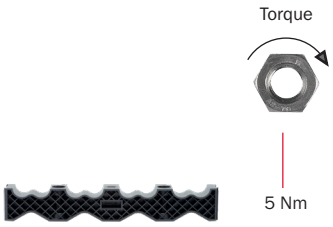
SIMONA Dutchclamp





TOWERCLAMP
Type 4 x Triple 27 - 38

TOWERCLAMP

Dutchclamp IM cable blocks are specially designed for short-circuit resistant and safe fastening of single or multicore low-, medium- and high-voltage cables. Dutchclamp cable block IM Towerclamp is available in one model and suitable for 12 cables with equal diameter from 27 mm to 38 mm and can be coupled to each other laterally by means of a dovetail joint and is stackable.

Dutchclamp IM cable blocks feature a unique design that ensures optimum load distribution and maximum cable retention. The specially engineered contact surfaces come without sharp edges or point loads that could damage cable sheaths. Dutchclamp IM cable blocks are manufactured from the highest quality glass fibre reinforced polyamide and are therefore ideally suited for installations where very high short circuit forces may occur.

Manufactured from glass fibre-reinforced polyamide, the product offers exceptional resistance to corrosion, chemicals, UV radiation, extreme temperatures, and other demanding environmental influences. There is no reduction in force within temperatures from -60 °C to +120 °C (225 °C for a short period).

Dutchclamp cable blocks have been tested in accordance with the international IEC 61914 standard by UL (Underwriters Laboratories, USA), Prof. Ir. Damstra Laboratory (Eaton), Voltalab Grenoble (Schneider Electric), SGS Brussels, and RST Rail System Testing GmbH.

With a proven track record in installations around the world, Dutchclamp IM cable blocks are available from stock for rapid project delivery. Available as a complete solution including fastening hardware.

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SIMONA Dutchclamp

Certified in accordance with the IEC 61914 standard

Dutchclamp has been developing and producing innovative cable clamps and cable blocks for installation of low, medium and high voltage cables since 1982. The clamps have been designed in close collaboration with major energy companies. Dutchclamp is globally renowned for its quality, service and reliability. Our products are relied upon in critical infrastructure projects across more than 50 countries worldwide.

The design

With its application-specific design, each cable clamp type provides an optimal fit for secure and short-circuit resistant cable installations.

The raw material

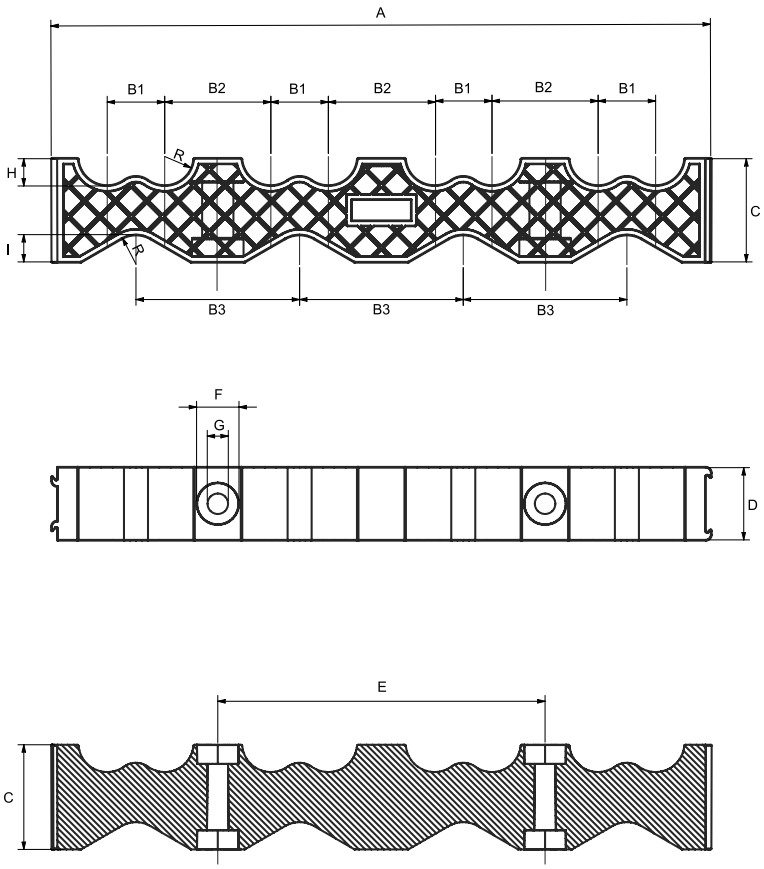
Dutchclamp cable clamps are manufactured from premium glass fibre reinforced polyamide, ensuring outstanding mechanical performance and long-term durability. The material is self-extinguishing and halogen-free.

Robustness

Combining an innovative design with high-performance glass fibre reinforced polyamide, Dutchclamp cable cleats deliver outstanding strength and reliability. They are engineered to withstand the extreme forces that occur during short-circuit conditions and have been tested by independent laboratories.

Tests

The cable clamps have been tested by, among others, UL (The Underwriters Laboratories U.S.A), Volta laboratory in Grenoble (Schneider), KEMA, SGS Brussels and RST rail system Testing GmbH in accordance with the IEC 61914 international standard.



Dimensions in mm													N*
Type	A	B1	B2	B3	C	D	E	F	G	H	I	R	
TOWERCLAMP	450	39	72	111	71	50	223	28	14	18	18	19	25.000

*Resistance to electrodynamic forces.

Advantages

- Resistant to gigantic short-circuit currents / forces
- Resistant to oils, fats, aggressive chemicals, frost, heat, UV, ozone, salt, moisture, acids, and nuclear radiation
- Self-extinguishing, halogen free
- Temperature range from -60 °C to 120 °C (225 °C for a short period)
- Coloured black
- No magnetism / conductivity
- Custom mounting available
- Fastening materials can be supplied to size
- No oxidation / corrosion
- No sharp angles
- Recyclable
- Very simple installation
- Available worldwide
- Stackable
- Modular and connectable
- Certified in accordance with IEC 61914





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Subject to technical errors and changes.