

THE **ULTIMATE** FAN FASTENING

Mushroom formed
pegs with holes to
fasten guard grills



Mounting latch to pull
the corners over the
fan flanges

With the patented elastic sleeves you fasten axial fans without tool, screws less, quickly and safe with four mushroom formed pegs on a mounting plate or a housing wall.

YOUR ADVANTAGES:

- Eliminate transmission of vibrations from the fan to the housing and reduced the noise (up to 9 db).
- Fast, simple and safe screw less mounting and re mounting from fans.
- Less mounting costs through shorter mounting times and not used screws.
- Protects the fan against vibrations and thus increased your life time.
- Sealing between suck and pressure chamber.

The sleeves and accessories parts are available for fans of 30 mm to 120 mm and fit on nearly all axial fans from different manufacturer.

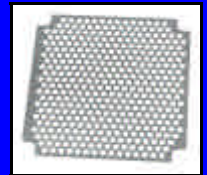
*Do you still
screw, or do
you plug
already ?*

*Screws out,
sleeves in,
noise off.*

*In the elastic
sleeves your
fans fell all
around well.*

Accessories

Filter guard - EMI-
shield sheets



Dust filter



Fan guard grills



Lamella rivet



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www.thoptec.de

Material - Accessories - Mounting



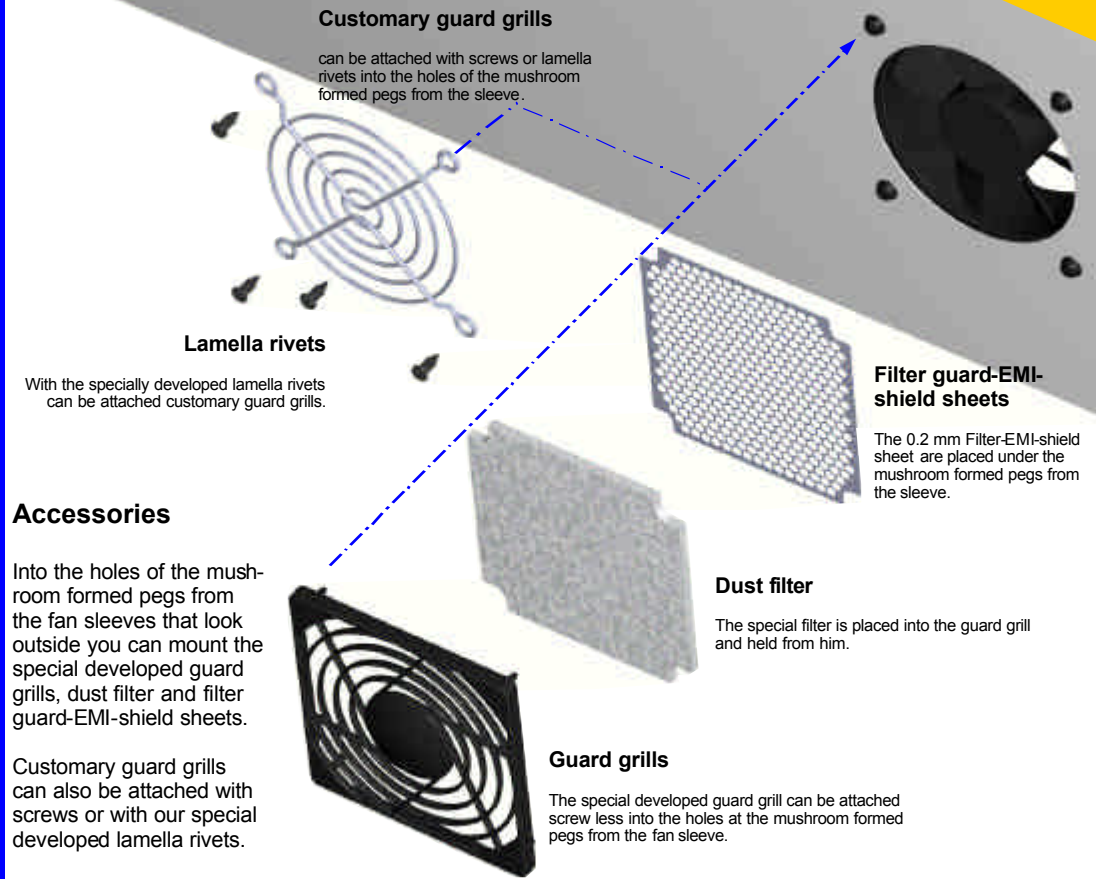
Material :

TPE
(Thermoplastic Elastomer)
RoHS complied

Colour :
black

Hardness :
ca. 65 - 70° Shore A

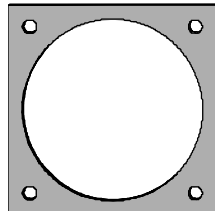
Fire resistance :
UL94-V-0



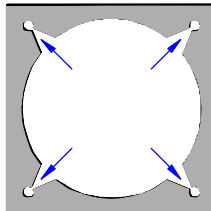
The fan sleeve can be fastened dependently on the hole layout and under consideration of the given space conditions onto four kinds.

Only one of these hole layout must be installation at the mounting plate or housing wall. We are always ready to help you to find your ideal hole layout.

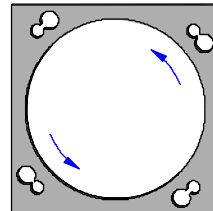
Recommended hole layouts for mounting plates and housings walls.



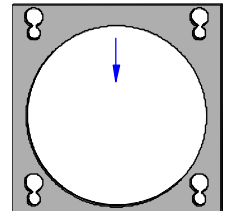
Stick mounting



Stick-pull mounting



Stick-turn mounting



Stick-push mounting

Data sheet's and CAD- Data download from hole layouts at www.thoptec.de

Building historical

Electronically device's are today present at the most sector's of our life. There noise production will be an problem more and more anywhere. That's why is an minimal noise one of the most important fact's at the selection to by new device's.

Noise producer number one are axial fans for electronics cooling, but in most time the fan is very silence and the noise is an product from the mounting between housing and fan, where the fan set the housing in vibrations and that's very disturbing.

To save the silence we developed from out of practice and with many tests an fan fastening, that's kill noise and make the mounting so easy as possible.

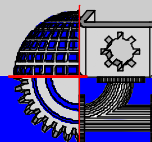
To be ready for the serial production of electronically devices, are the fan sleeve's developed and optimises with newest CAD-Software.

Some named company's use this fan sleeve at time.

Question's pour building special solutions are welcome every time.

More information available at

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