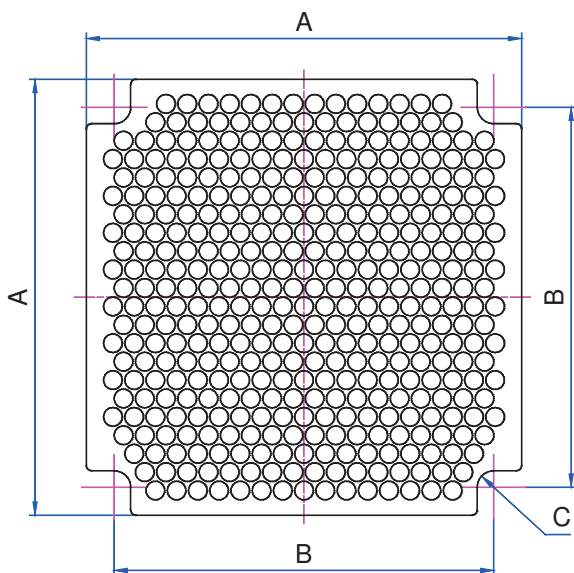


**Material:** stainless steel (spring V2a) material no. 1.4310/AISI 301  
**Material thickness:** 0,2 mm  
**Equals guideline:** EG 2002/95 (RoHS) & EG 1907/2006 (REACH)

The premium fan guard EMI-shields are manufactured in etching technique. The use of fan guard EMI-shields ensures the typically desirable condition, that technical equipment does not disturb each other by unwanted electronic or electromagnetic effects. By a test an improvement regarding EMI-tightness could be determined overall the frequency range, in peaks up to approximately 50 %.

Additionally fan guard EMI-shields function as a touch protection and/ or prevent the absorption of filtermaterials while existing just one wide opening in the housing box. The fan guard EMI-shields can be mounted either at the inside or at the outside of the housing wall. The **inside installation** has the **advantage**, that the fan sleeve squeezes directly the fan guard EMI-shields onto the shiny inside wall or by using a plastic-case onto the metallic coated inside wall. The fan guard EMI-shields seal up the fan opening in techniques of electromagnetic compliance. The skinny grill made from stainless steel takes care of **EMI-protection** and a **maximum of air circulation** at the same time.

Quite different by comparison with a use of a plastic-/ or a customary guard grill or a perforation in the housing box, an **essential noise alteration** by the fan guard EMI-shield is almost **not existing** when the fan is working.

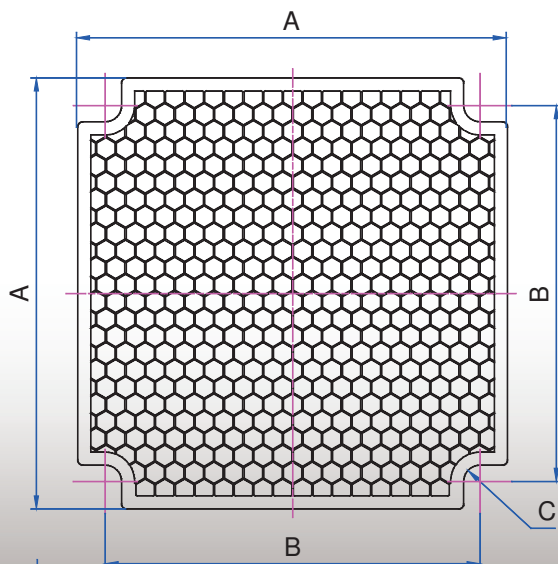
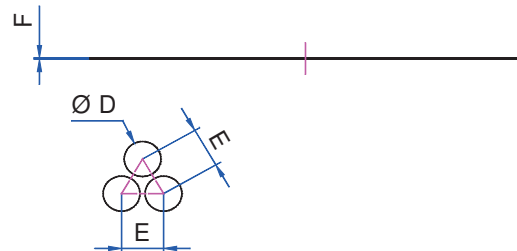


### Type RE

round hole perforation in offset pattern

Free air flow rate approximately at **75 %**

*Installation possible in combination with fan sleeve type LM!*

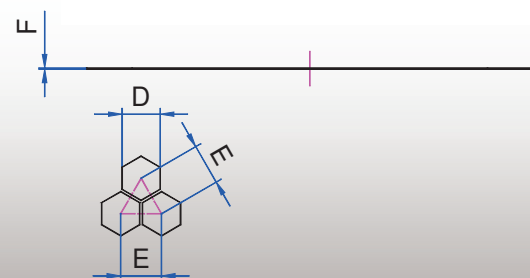


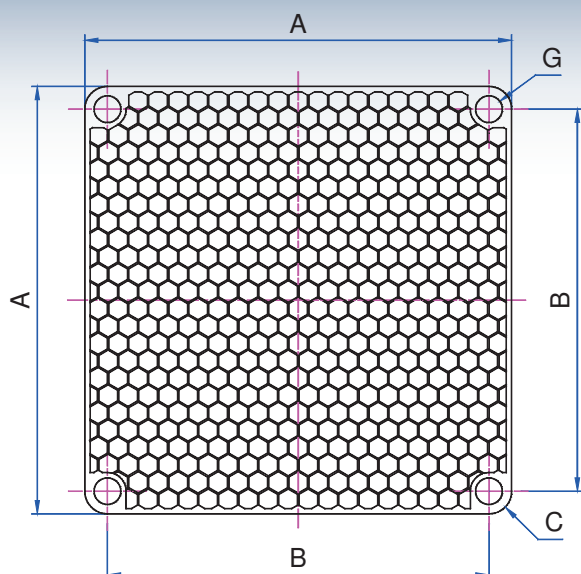
### Type SE

hexagon perforation in offset pattern

Free air flow rate approximately at **85 %**

*Installation possible in combination with fan sleeve type LM!*



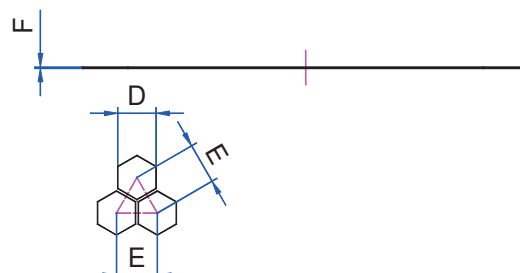


## Type SH

hexagon perforation in offset pattern

Free air flow rate approximately at **85 %**

Installation possible in combination with fan sleeve type SLM, but also by using the four drills and fix it with customary screws or rivets. Dimension of A is a little smaller/ max. as big as the fan.



Because of the etching techniques special sizes, individual texts or logos are possible without having significant additional costs or efforts! **We will give the necessary support, if there are any questions in etchings techniques!**

Article number: **LEB** - **40** - **RE / SE / SH** - **25** - **Bxx**  
Article fan size type hole diameter in 1/10 mm dimension B for fan size 50

Article no.	A	B	C	D	E	F	G
LEB-25-RE-15	27,0	20,0	R 1,75	1,5	2,00	0,2	-
LEB-25-SE-15	27,0	20,0	R 1,75	1,5	1,75	0,2	-
LEB-25-SH-15	25,0	20,0	R 3,00	1,5	1,75	0,2	Ø 2,8
LEB-30-RE-20	32,0	24,0	R 2,10	2,0	2,50	0,2	-
LEB-30-SE-20	32,0	24,0	R 2,10	2,0	2,25	0,2	-
LEB-30-SH-20	30,0	24,0	R 3,00	2,0	2,25	0,2	Ø 3,5
LEB-40-RE-25	42,0	32,0	R 2,40	2,5	3,00	0,2	-
LEB-40-SE-25	42,0	32,0	R 2,40	2,5	2,75	0,2	-
LEB-40-SH-25	40,0	32,0	R 4,00	2,5	2,75	0,2	Ø 4,8
LEB-50-RE-30-B40	52,0	40,0	R 2,40	3,0	3,50	0,2	-
LEB-50-SE-30-B40	52,0	40,0	R 2,40	3,0	3,25	0,2	-
LEB-50-SH-30-B40	50,0	40,0	R 5,00	3,0	3,25	0,2	Ø 4,8
LEB-50-RE-30-B42	52,0	42,0	R 2,40	3,0	3,50	0,2	-
LEB-50-SE-30-B42	52,0	42,0	R 2,40	3,0	3,25	0,2	-
LEB-50-SH-30-B42	50,0	42,0	R 5,00	3,0	3,25	0,2	Ø 4,8
LEB-60-RE-35	62,0	50,0	R 2,70	3,5	4,00	0,2	-
LEB-60-SE-35	62,0	50,0	R 2,70	3,5	3,75	0,2	-
LEB-60-SH-35	60,0	50,0	R 5,00	3,5	3,75	0,2	Ø 5,0
LEB-80-RE-35	82,0	71,5	R 3,20	3,5	4,00	0,2	-
LEB-80-SE-35	82,0	71,5	R 3,20	3,5	3,75	0,2	-
LEB-80-SH-35	80,0	71,5	R 4,25	3,5	3,75	0,2	Ø 5,0
LEB-92-RE-40	94,0	82,5	R 3,20	4,0	4,50	0,2	-
LEB-92-SE-40	94,0	82,5	R 3,20	4,0	4,25	0,2	-
LEB-92-SH-40	92,0	82,5	R 4,75	4,0	4,25	0,2	Ø 5,0
LEB-119-RE-50	121,0	105,0	R 4,20	5,0	5,50	0,2	-
LEB-119-SE-50	121,0	105,0	R 4,20	5,0	5,30	0,2	-
LEB-119-SH-50	119,0	105,0	R 7,00	5,0	5,30	0,2	Ø 5,5

All dimensions in mm!

CAD-data-sheets at: [www.thopec.de](http://www.thopec.de)

### Legend:

Size A:	max. outside dimension	Size C:	radius EMI-shield drilled hole	Size E:	distance between holes on EMI-shield	Size G:	diameter EMI-shield drilled hole
Size B:	distance between plug-in pegs/ nipples	Size D:	diameter holes on EMI-shield	Size F:	height / thickness of material		