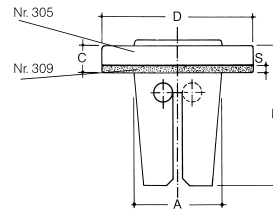


**Fasteners using specific construction methods and pre-sealing to compensate for oscillations or vibrations, thereby providing stability to the connection between air duct and 1) partition plates 2) turning vanes or 3) valve blades**

### 2.2.1 MEZ-NIPL

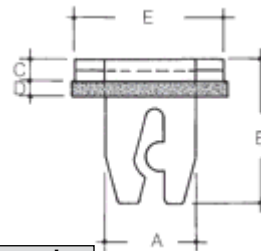
- For sheet thickness between 0.4 – 1.25 mm
- Pre-sealing (heat resistant till +100 °C)
- Compact extruding part, electro galvanised



Art.-Nr.	Material	A	B	C	D	E	VPE units	Weight kg/VPE
305	Galv. steel	9	14	4	16,5	1,5	1000	8,500
305E	Stainless steel	9	14	4	16,5	1,5	100	0,850

### 2.2.2 MEZ-LOC

- For sheet thickness between 0.4 – 1.13 mm
- Pre-sealing (heat resistant till +120 °C)
- Ruggedly built steel part, electro galvanised



Art.-Nr.	Material	A	B	C	D	E	VPE units	Weight kg/VPE
306	Galv. steel	8,5	13,5	2	1,5	14	1000	4,800

### CENTRE DRILL

- With centre point for precise drilling
- For MEZ-NIPL and MEZ-LOC

Art.-Nr.	Operate Ø mm	VPE units	Weight kg/unit
711	9	1	0,025



### Examples highlighting the stress factor:

#### MEZ-NIPL

With duct wall 1m<sup>2</sup> / turning vane thickness 1.0 mm, MEZ-NIPL 5 units = Breaking load 11.9 kN and with a pressure of 1000 Pa (1.0 kN/m<sup>2</sup>) a minimum ten fold security is guaranteed.

#### MEZ-LOC

With duct wall 1m<sup>2</sup> / turning vane thickness 1.0 mm, MEZ-LOC 5 units = Breaking load 11.5 kN and with a pressure of 1000 Pa (1.0 kN/m<sup>2</sup>) a minimum ten fold security is guaranteed.

### Stress details:

Turning vane thickness mm	Extraction values kN/unit (Breaking load)	
	Art.-Nr. 305	Art.-Nr. 306
0,63	0,527	–
0,75	1,396	1,3
0,88	1,760	1,7
1,00	2,393	2,3
1,13	2,787	2,5
1,25	3,033	–

