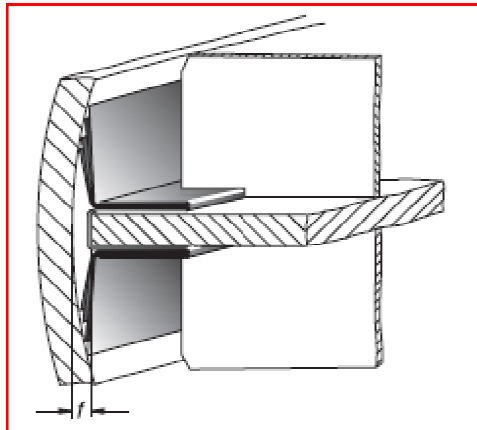




OTHER
SEALING SOLUTIONS



BAFFLE SEALS

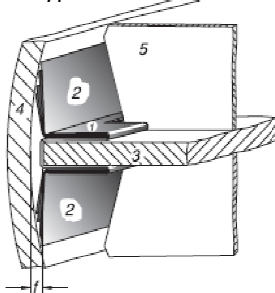
Baffle seals are used for sealing longitudinal baffles in high-performance heat exchangers.

Characteristics

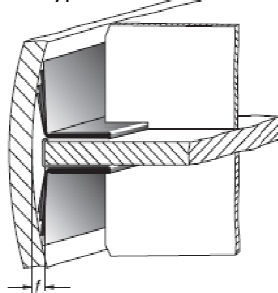
- Effective sealing of the the gap between the longitudinal baffle and the heat exchanger shell
- Using the Baffle seal a loss of function even in low short-circuit can be avoided.
- Easily assembly: without any bolts - directly onto the longitudinal baffle.

Baffle Seals Profiles and Characteristics

Type "1"



Type "2"



Type "1"

In this model the lamellae supports have a corresponding recess. The necessary slots for the transverse baffles should be ground in during installation. The slots should only be made as deep as is needed to take the transverse baffles.

Type "2"

With large numbers of transverse baffles it is easier to fit the baffle seal uniformly. However it should also be secured, and the first lamellae support (which is the deepest) can be secured with a bolt or pin to the baffle

The type which can be produced at which thickness can be taken from the following table:

Profile (mm)	T4.20.XX	T4.30.XX
Longitudinal baffle thickness	4	-
	5	5
	6	6
	7	7
	8	8
	9	9
	10	10
	-	12
	-	13
	-	15
	16	16
	17	20
	-	25

The radial gap f in [mm] between the baffle and shell should have the following size:

Diameter (mm)	T4.20	T4.30
200	5	-
300	5,5	-
400	5	5,5
500	4,5	5
600	4	4,5
800	3,5	4
1000	3,5	4
1200	-	4
1600	-	3,5
2000	-	3,5