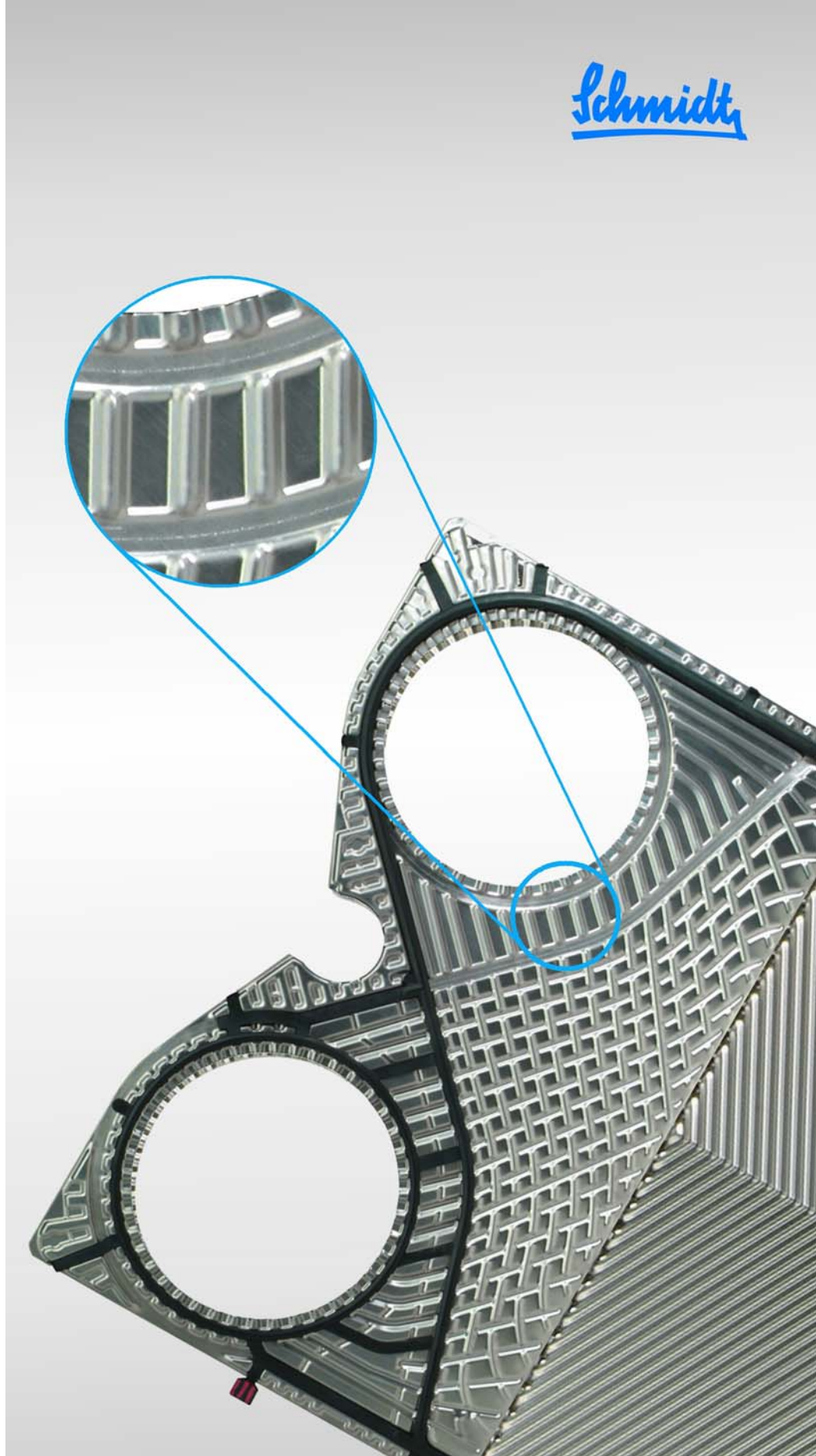
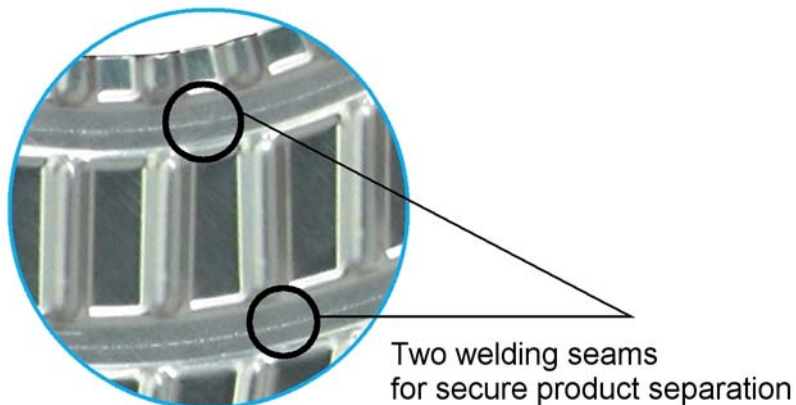


*Schmidt*

SIGMADUAL  
MODULE-  
WELDED  
PLATE HEAT  
EXCHANGER



**API** Heat Transfer  
PERFORMANCE IS EVERYTHING



- Actually developed **SIGMADUAL** series with pair-wise welded plate modules for thermal treatment of sophisticated media.
- The product side is sealed by laser-weldings around the flow channels and with ring gaskets in the port areas.
- The flow channels of the service side are sealed by elastomere gaskets, whereas the ports are laser-welded.
- Increased operating safety by double welding for product separation.
- The modular construction ensures a high flexibility. Adjustments to modified operating parameters can easily be performed by changing or adding of **SIGMADUAL** modules.
- The applications of **SIGMADUAL** are in all industries, especially in the process and refrigeration industries.
- All current plate and gasket materials are available e.g. NBR, EPDM, FKM etc.
- Plate heat exchangers with **SIGMADUAL** plates can be delivered according to PED or ASME Sec. III Div. 1 UG-11(c).

The following plate sizes are available:

	port size	Max. Operating Pressure / MAWP			Design temperature	
		stainless steel	nickel based alloys	titanium alloys	min.	max.
	[in]	[psig]	[psig]	[psig]	[°F]	[°F]
<b>SIGMADUAL M 25</b>	4	450	400	375	-22	390
<b>SIGMADUAL M 35</b>	4	450	400	375	-22	390
<b>SIGMADUAL M106</b>	8	450	400	375	-22	390
<b>SIGMADUAL M136</b>	8	450	400	375	-22	390
<b>SIGMADUAL M156</b>	14	450	400	375	-22	390
<b>SIGMADUAL M229</b>	14	450	400	375	-22	390