

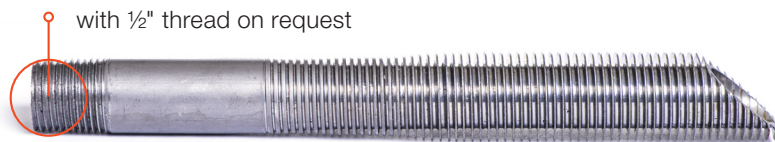
# ENHANCED HEAT TRANSFER WITH CARBON STEEL FINNED TUBES IN BUFFER TANKS



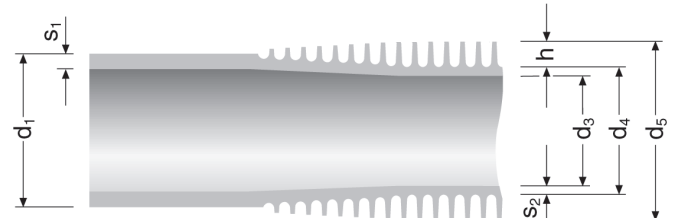
2 types of medium-high finned GEWA-D tubes in carbon steel with fin height of 3.5 mm or 4.5 mm

max. length 13 m  
bending radius min. 55 mm

- Cost advantage against stainless steel and copper solutions
- High heat transfer due to large outside surface
- Directly weldable in tank wall
- With 1/2" thread on tube end on request
- Brazed joint with copper on request
- Rigid heat exchanger – no complicated mounting and supporting structure necessary
- Pressure resistant up to 134 bar



with 1/2" thread on request



Fin height h = 3.5 mm / 4.5 mm				Fin pitch 2.3 mm				Mean fin thickness 0.50 mm			
GEWA-D				11 fpi				Manufacturing length max. 13 m			
Plain inside surface											
Tube No.	Material	Plain section		Finned section						Approx. weight (kg/m)	P <sub>max</sub> (bar)
		d <sub>1</sub> (mm)	s <sub>1</sub> (mm)	d <sub>3</sub> (mm)	d <sub>4</sub> (mm)	d <sub>5</sub> (mm)	s <sub>2</sub> (mm)	A <sub>outside</sub> (m <sup>2</sup> /m)	A <sub>outside</sub> / A <sub>inside</sub> (-)		
D-1135.18115-00	P195GH	21.30	2.30	15.70	18.00	25.00	1.15	0.251	5.12	0.869	134
D-1145.18080-00	P195GH	21.30	2.30	16.40	18.00	27.00	0.80	0.321	6.17	0.897	98

For further information please contact:

Wieland Thermal Solutions | Heat Exchanger  
 Oliver Wölflik  
 Phone +49 731 944 2969  
 E-mail oliver.woelflik@wieland.com  
 wieland-thermalsolutions.com/heatingtechnology