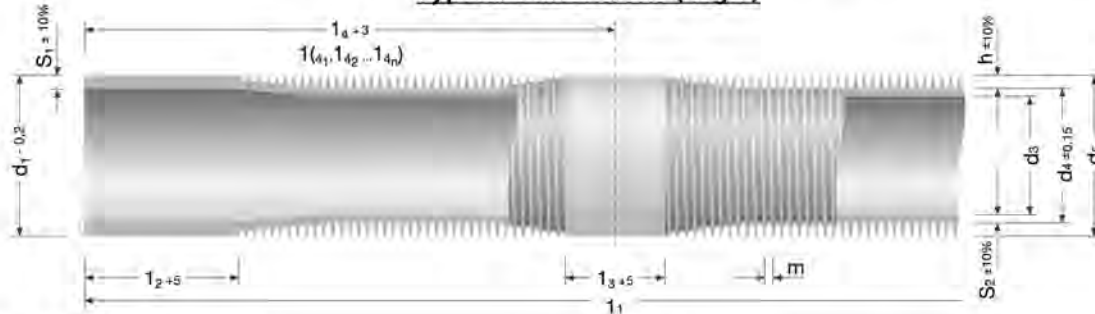


Wieland GEWA-K low finned tubes are mainly used in the refrigeration and air-conditioning industry (refrigeration condensers and refrigerant evaporators), in machine and apparatus construction (oil coolers, gas coolers), in power plant engineering (steam interchange superheaters) and in process engineering (condensers and evaporators).

Typical Dimensions (Fig.1)



Production and Processing

The fins are obtained by roll forming the outer surface of a plain tube. This process results in an increase in strength of the finned sections, whereas the plain ends and lands remain soft. Soft annealing of the tubes is required when the tubes must be suitable for bending. GEWA-K finned tubes stand up against very high mechanical and thermal stresses.

Quality Assurance

Quality Control Plans (QCPs) available on request

The fin diameter does not exceed the tolerable outer diameter of the plain tube sections at any single point. Like plain tubes, finned tubes are expanded, brazed or welded into tube headers.

Various configurations available - see figure above

Fin Pitch $m = 1,35 \text{ mm}$
Fin height $h = 1,5 \text{ mm}$

mean thickness $\delta_R \approx 0,3 \text{ mm}$
Production lengths max. 9 m

Description	d1	S1	d3	d4	S2	Aa	Aa/Ai	Kg/m	Finns/Inch
K - 1915. 12080 - 00	15,7	1,25	11,1	12,7	0,8	0,12	3,6	0,46	19
K - 1915. 15080 - 00	18,8	1,28	14,2	15,8	0,8	0,15	3,4	0,56	19
K - 2615. 12080 - 00	15,7	1,25	11,1	12,7	0,8	0,16	4,6	0,48	26
K - 2615.15080 - 00	18,8	1,28	14,2	15,8	0,8	0,20	4,5	0,60	26
K - 1915. 15165 - 00	19,05	2,10	12,5	15,8	1,65	0,15	3,9	0,98	19
K - 1915. 22165 - 00	25,4	2,10	18,9	22,2	1,65	0,21	3,6	1,255	19
K - 2615.15156 - 00	19,05	2,10	12,5	15,8	1,65	0,20	5,0	0,98	26
K - 2615.22165 - 00	25,4	2,10	18,9	22,2	1,65	0,27	4,6	1,255	26

Notes :

○ Plain lands as per customer requirements.

○ Materials Available :

1. Copper SF-Cu According to DIN 1787
2. Copper nickel CuNi 10 Fe 1Mn according to DIN 17664
3. Steel St 35.8 According to DIN 17175 (in 19,05 diameter and 19 F.P.I only)