

Essen, den 13.03.2015

Declaration of compliance with the order „type 2.1”

according to EN 10204

for the

SANHA® Capillary soldering fitting made of copper

The above mentioned articles of **SANHA®** Capillary soldering fitting made of copper are produced to state of the art from:

Material:

Cu-DHP, material-no. CW024A, to DIN EN 12449
Cu $\geq$ 99,90 %
 $0,015 \leq P \leq 0,040$.

Inner surface:

Free of carbon films and residues of drawing agent according to DIN EN 1254-1 as well as special limitations of the DVGW-working sheet GW 8.

Outer surface:

All fittings are cleaned, debured and do not show any sharp edges.
All fittings are marked with the producer short symbol „SA“ and the connection diameter at least and as well as – if technical possible – the short symbol of the relevant product certifications.

Mounting dimensions (all dimensions in mm):

AQL = 2,5
Inspection level I

Dimension	Minimum Solder length	Minimum Wall thickness	Ø externally soldered end		Ø internally soldered end	
			Nominal width	Tolerance	Nominal width	Tolerance
6	5,8	0,6	6,0	+0,04/-0,05	6,0	+0,15/+0,06
8	6,8	0,6	8,0	+0,04/-0,05	8,0	+0,15/+0,06
10	7,8	0,6	10,0	+0,04/-0,05	10,0	+0,15/+0,06
12	8,6	0,6	12,0	+0,04/-0,05	12,0	+0,15/+0,06
15	10,6	0,7	15,0	+0,04/-0,05	15,0	+0,15/+0,06
18	12,6	0,8	18,0	+0,04/-0,05	18,0	+0,15/+0,06
22	15,4	0,9	22,0	+0,05/-0,06	22,0	+0,18/+0,07
28	18,4	0,9	28,0	+0,05/-0,06	28,0	+0,18/+0,07
35	23,0	1,0	35,0	+0,06/-0,07	35,0	+0,23/+0,09
42	27,0	1,1	42,0	+0,06/-0,07	42,0	+0,23/+0,09
54	32,0	1,2	54,0	+0,06/-0,07	54,0	+0,23/+0,09
64	32,5	1,4	64,0	+0,07/-0,08	64,0	+0,33/+0,10
66,7	33,5	1,4	66,7	+0,07/-0,08	66,7	+0,33/+0,10
76,1	33,5	1,6	76,1	+0,07/-0,08	76,1	+0,33/+0,10
88,9	37,5	1,8	88,9	+0,07/-0,08	88,9	+0,33/+0,10
108	47,5	2,1	108,0	+0,07/-0,08	108,0	+0,33/+0,10

Allowable pressure / temperature levels:

Max. allowable operating pressure subject to the connection method acc. to DIN EN 1254-1, chart 6.

Max. allowable operating temperature subject to the connection method acc. to DIN EN 1254-1, chart 6.

SANHA GmbH & Co. KG

Technical Marketing

i. A. Dipl.- Ing. Burkhard Romkopf