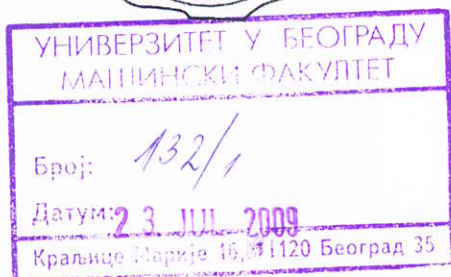




UNIVERZITET U BEOGRADU
MAŠINSKI FAKULTET
CENTAR ZA PROCESNU TEHNIKU
KRALJICE MARIJE 16, 11120 BEOGRAD 35
TEL: 011/33-70-363 FAKS: 011/33-70-364



IBP Instal fittings Sp.zo.o.
ul. Obodrzycka 61
61-249 Poznan
POLAND

Na osnovu Vašeg zahteva od 14. VII 2009. godine izdaje se

POTVRDA O KVALITETU

za kapilarne bakarne spojnice serije 5000 i 4000 proizvođača Bänninger.
Kapilarne bakarne spojnice su predviđene za meko i tvrdo lemljenje. Kapilarne bakarne spojnice su predviđene za vodovodne, grejne i gasne instalacije.

Navedene spojnice odgovaraju regulativi:

- SRPS C.D1.002:1986. Bakar- klasifikacija, označavanj ei opšti tehnički uslovi
- SRPS C.D5.020:1972. Bakarne cevi bešavne vučene. Tehnički uslovi za izradu i isporuku
- SRPS C.D5.502:1992. Okrugle bešavne cevi od bakra za vodovod, grejne i gasne instalacije
- SRPS C.D2.321:1975. Spajanje cevi od bakra i bakarnih legura lemljenjem. Oblik i mere spojeva
- SRPS ISO 197-3:1994. Bakar i legure bakara. Deo 3: proizvodi plastične prerade
- SRPS C.T3.059: 1998. Spojevi izvedeni mekim i tvrdim lemljenjem
- EN 1254-1:2004. Copper and copper alloys - Plumbing fittings - Part 1: Fittings with ends for capillary soldering or capillary brazing to copper tubes
- EN 1254-4:2004. Copper and copper alloys - Plumbing fittings - Part 4: Fittings combining other end connections with capillary or compression ends
- DVGW GW 6:1996. Capillary soldered fittings made of copper pipes; specifications and test requirements

Sastavni deo ove potvrde o kvalitetu je:

- spisak proizvoda (dve strane),
- katalog Product Brochure 100⁺ Conex /Bänninger, 2009,
- katalog Bänninger Serie 2000/3000/4000/5000.

Ova potvrda važi do septembra 2012. godine.

Rukovodilac ispitivanja

M. Balać

(Martina Balać, dipl. inž. maš.)



Prodekan za naučno istraživački rad

Vojkan Lučanin
(Prof. dr. Vojkan Lučanin, dipl. inž. maš.)

Specifikacija bakarnih kapilarnih spojnic proizvođač :
IBP Instalittings Sp.zo.o. Poznan – Poljska

1. Luk 90°, šifra artikla 5001A, jednodelni, prečnik: 6, 8, 10, 12, 14, 15, 16, 18, 20, 22, 25, 28, 32, 35, 42, 54, 64, 67, 70, 76, 80, 89, 108, 133, 159mm.
2. Luk 90°, šifra artikla 5002A, dvodelni, prečnik: 6, 8, 10, 12, 14, 15, 16, 18, 20, 22, 25, 28, 32, 35, 42, 54, 64, 67, 70, 76, 80, 89, 108, 133, 159mm.
3. Luk 45°, šifra artikla 5040, jednodelni, prečnik: 8, 10, 12, 14, 15, 16, 18, 20, 22, 25, 28, 32, 35, 42, 54, 63, 64, 67, 70, 76, 80, 89, 108, 133mm.
4. Luk 45°, šifra artikla 5041, dvodelni, prečnik: 6, 8, 10, 12, 14, 15, 16, 18, 20, 22, 25, 28, 32, 35, 42, 54, 64, 67, 70, 76, 80, 89, 108, 133, 159mm.
5. Luk 180°, šifra artikla 5060, dvodelni, prečnik: 10, 12, 14, 15, 16, 18, 22, 28, 35, 42, 54, 76mm.
6. Obilazni luk, šifra artikla 5085, dvodelni, prečnik: 12, 14, 15, 16, 18, 22mm.
7. Poluobilazni luk, šifra artikla 5086, jednodelni, prečnik: 12, 14, 15, 16, 18, 22mm.
8. Koleno 90°, šifra artikla 5090, dvodelno, prečnik: 10, 12, 14, 15, 16, 18, 20, 22, 25, 28, 32, 35, 42, 54, 63, 64, 67, 76, 108mm.
9. Koleno 90°, šifra artikla 5092, jednodelno, prečnik: 10, 12, 14, 15, 16, 18, 20, 22, 28, 35, 42, 54, 67mm.
10. T-Komad, šifra artikla 5130, prečnik: 6, 8, 10, 12, 14, 15, 16, 18, 20, 22, 25, 28, 32, 35, 36, 42, 54, 64, 67, 70, 76, 80, 89, 104, 108, 133, 159mm.
11. T-Komad, šifra artikla 5130R, redukcija, prečnik: 6-8-6; 6-10-6; 8-6-6; 8-6-8; 8-10-8; 10-6-10; 10-8-8; 10-8-10; 10-10-8; 10-12-10; 10-15-10; 12-6-12; 12-8-10; 12-8-12; 12-10-10; 12-10-12; 12-12-10; 12-15-12; 12-16-12; 12-18-12; 14-10-12; 14-10-14; 14-12-14; 14-14-12; 14-18-12; 15-8-15; 15-10-10; 15-10-12; 15-10-15; 15-12-10; 15-12-12; 15-12-15; 15-15-10; 15-15-12; 15-18-12; 15-18-15; 15-22-15; 16-10-16; 16-12-12; 16-12-14; 16-12-16 16-14-12; 16-14-14; 16-16-10; 16-16-12; 16-16-14; 16-18-14; 16-18-16; 16-22-16; 18-10-18; 18-12-12; 18-12-15 18-12-16; 18-12-18; 18-14-16; 18-15-12; 18-15-15; 18-15-18; 18-16-14; 18-16-16; 18-16-18; 18-18-12; 18-18-14 18-18-15; 18-18-16; 18-22-15; 18-22-18; 18-22-18; 20-16-20; 22-10-22; 22-12-12; 22-12-15; 22-12-18; 22-18-22 22-14-14; 22-14-18; 22-14-22; 22-15-12; 22-15-15; 22-15-18; 22-15-22; 22-16-14; 22-16-16; 22-16-18; 22-16-22 22-18-14; 22-18-15; 22-18-16; 22-18-18; 22-18-22; 22-20-22; 22-22-12; 22-22-14; 22-22-15; 22-22-16; 22-22-18 22-22-20; 22-28-22; 28-12-28; 28-15-15; 28-15-22; 28-15-28; 28-16-22; 28-16-28; 28-18-15; 28-18-18; 28-18-22 28-18-28; 28-20-28; 28-22-15; 28-22-16; 28-22-18; 28-22-22; 28-22-28; 28-28-14; 28-28-15; 28-28-16; 28-28-18 28-28-22; 28-35-28; 35-15-28; 35-15-35; 35-18-35; 35-22-22; 35-22-28; 35-22-35; 35-28-15; 35-28-22; 35-28-28 35-28-35; 35-35-22; 35-35-28; 42-15-42; 42-18-42; 42-22-42; 42-28-35; 42-28-42; 42-35-35; 42-35-42; 42-42-28 42-42-35; 54-15-54; 54-22-54; 54-28-54; 54-35-54; 54-42-42; 54-42-54; 54-54-42; 64-35-64; 64-42-64; 64-54-64 64-64-42; 64-64-54; 67-35-67; 67-42-67; 67-54-67; 70-42-70; 70-54-70; 76-15-76; 76-22-76; 76-28-76; 76-35-76 76-42-42; 76-42-76; 76-54-54; 76-54-76; 76-64-76; 76-76-35; 76-76-42; 76-76-54; 76-76-64; 80-42-80; 80-54-80 89-54-89; 89-64-89; 89-76-89; 89-89-54; 108-28-108; 108-35-108; 108-42-108; 108-54-108; 108-64-108; 108-76-76; 108-76-108; 108-89-108; 108-108-54; 108-108-64; 133-42-133; 133-54-133; 133-76-133 133-108-133 159-108-159;
12. Redukcija, šifra artikla 5240, prečnik: 8-6; 10-6; 10-8; 12-8; 12-10; 14-10; 14-12; 15-8; 15-10; 15-12; 15-14; 16-10; 16-12; 16-14; 16-15; 18-10; 18-12; 18-14; 18-15; 18-16; 20-12; 20-16; 20-18; 22-12; 22-14;

- 22-15; 22-16; 22-18; 22-20; 25-18; 25-22; 28-12; 28-15; 28-16; 28-18; 28-20; 28-22; 32-22; 32-28; 35-15; 35-18; 35-22; 35-28; 36-28; 36-22; 36-35; 42-22; 42-28; 42-35; 54-28; 54-35; 54-42; 63-54; 64-35; 64-42; 64-54; 67-42; 67-54; 70-54; 76-42; 76-54; 76-64; 76-67; 80-70; 89-76; 108-54; 108-64; 108-76; 108-89; 133-76; 133-108; 159-76; 159-108; 159-133;
13. Redukcija, šifra artikla 5243, prečnik: 8-6; 10-6; 10-8; 12-6; 12-8; 12-10; 14-10; 14-12; 15-8; 15-10; 15-12; 15-14; 16-10; 16-12; 16-14; 18-10; 18-12; 18-14; 18-15; 18-16; 20-16; 20-18; 22-10; 22-12; 22-14; 22-15; 22-16; 22-18; 22-20; 25-20; 25-22; 28-10; 28-12; 28-15; 28-16; 28-18; 28-20; 28-22; 28-25; 32-18; 32-22; 32-28; 35-15; 35-18; 35-22; 35-28; 42-15; 42-18; 42-22; 42-28; 42-35; 54-15; 54-22; 54-28; 54-35; 54-42; 63-54; 64-35; 64-42; 64-54; 67-35; 67-42; 67-54; 70-42; 70-54; 70-64; 76-35; 76-42; 76-54; 76-64; 80-54; 80-64; 80-70; 89-54; 89-64; 89-76; 104-80; 108-54; 108-64; 108-67; 108-76; 108-89; 133-76; 133-108; 159-108; 159-133;
14. Spojnica, šifra artikla 5270, prečnik: 6, 8, 10, 12, 14, 15, 16, 18, 20, 22, 25, 28, 32, 35, 42, 54, 63, 64, 67, 70, 76, 80, 89, 104, 108, 133, 159mm.
15. Kapa, šifra artikla 5301, prečnik: 6, 8, 10, 12, 14, 15, 16, 18, 22, 28, 35, 42, 54, 67, 76, 108, 133, 159mm.
16. Holenderski navojni prelaz, šifra artikla 5359G, lemljeni spoj/unutrašnji navoj, prečnik: 10x3/8"; 12x3/8"; 12x1/2"; 14x1/2"; 14x3/4"; 15x1/2"; 15x3/4"; 16x1/2"; 16x3/4"; 18x1/2"; 18x3/4"; 22x3/4"; 22x1";
17. Navojni prelaz, šifra artikla 4243G, lemljeni spoj/spoljašnji navoj, prečnik: 8x1/4"; 8x3/8"; 10x1/4"; 10x3/8"; 10x1/2"; 12x1/4"; 12x3/8"; 12x1/2"; 14x3/8"; 14x1/2"; 14x3/4"; 15x1/4"; 15x3/8"; 15x1/2"; 15x3/4"; 16x3/8"; 16x1/2"; 16x3/4"; 18x1/2"; 18x3/4"; 22x1/2"; 22x3/4"; 22x1"; 28x1/2"; 28x3/4"; 28x1"; 28x5/4"; 35x1"; 35x5/4"; 35x6/4"; 42x5/4"; 42x6/4"; 42x2"; 54x6/4"; 54x2"; 64x21/2"; 67x21/2"; 70x21/2"; 76x21/2"; 76x3"; 80x3"; 89x3"; 108x4";
18. Navojni prelaz, šifra artikla 4270G, lemljeni spoj/unutrašnji navoj, prečnik: 8x1/4"; 10x1/4"; 10x3/8"; 10x1/2"; 12x3/8"; 12x1/2"; 14x3/8"; 14x1/2"; 14x3/4"; 15x3/8"; 15x1/2"; 15x3/4"; 16x3/8"; 16x1/2"; 16x3/4"; 18x1/2"; 18x3/4"; 22x1/2"; 22x3/4"; 22x1"; 28x1/2"; 28x3/4"; 28x1"; 28x5/4"; 35x3/4"; 35x1"; 35x5/4"; 42x1"; 42x5/4"; 42x6/4"; 54x6/4"; 54x2"; 64x21/2"; 67x21/2"; 70x21/2"; 76x3"; 80x3";
19. Navojni prelaz zidni (koleno), šifra artikla 4471G, lemljeni spoj/unutrašnji navoj, prečnik: 10X3/8"; 10X1/2"; 12x3/8"; 12x1/2"; 14x3/8"; 14x1/2"; 15x3/8"; 15x1/2"; 16x1/2"; 18x1/2"; 18x3/4"; 22x1/2"; 22x3/4"; 28x3/4"; 28x1";



*магс
albalać*

