

Figure 1: Schematic diagram of the test specimen. The specimen is a long, narrow rectangular bar with a central section of width 13 x 500 = 6500. The total length is 8000 / 7750. The specimen is divided into three main sections: a left section of length 370/130, a middle section of length 500, and a right section of length 500. The right section is further divided into a section of length 110 and a section of length 10. The specimen is labeled with 'Nr. 1 (Nr. 3) L 60 x 60 x 6' and 'Nr. 2 (Nr. 4) L 60 x 60 x 6'. The material is specified as 'I = 8000 / I = 7760' and 'I = 490'.

O4 Szluk 2

Nr 5 C 100

1 = 3250

65.5

4

POZ. 5

Nr 2 pret 6  
l = 490

The technical drawing illustrates a reinforced concrete slab-on-beam system with the following components:

- Plan View (Top):** Shows a rectangular slab measuring 6.50m by 3.00m. It features four columns labeled Nt-11, Nt-12, Nt-13, and Nt-14. The slab has a thickness of 120mm. Reinforcement includes top bars at 250mm intervals (Nt-11, Nt-13) and bottom bars at 250mm intervals (Nt-12, Nt-14). A central square area of 2.50m x 2.50m is defined.
- Section View (Left):** A cross-section of the slab showing its 120mm thickness and reinforcement details. It indicates a support width of 200mm and a clear height of 300mm above the support.
- Detail View (Bottom Left):** A corner detail of the slab showing the intersection of reinforcement bars at 90-degree angles. The slab thickness is 120mm, and the reinforcement extends 200mm from the corner.
- Other Details:**
  - A note specifies "Nt-13, preç. d.16 mm/m. d.4.5", indicating the use of 16mm diameter bars with a 4.5mm lap length.
  - Reinforcement bar diameters are specified as 12mm (Ø12) and 16mm (Ø16).
  - Support widths are consistently shown as 200mm.

The schematic diagram illustrates the experimental setup for measuring the neutron flux distribution. It shows a central rectangular sample area with dimensions 250 mm by 250 mm. Four neutron detectors, labeled A1, A2, A3, and A4, are positioned around the sample. Detectors A1 and A2 are vertically aligned, while A3 and A4 are horizontally aligned. The distance between the vertical centers of A1 and A2 is 600 mm, and the distance between the horizontal centers of A3 and A4 is also 600 mm. Each detector has a size of 60 mm by 60 mm. The distance from the center of the sample to the inner edge of each detector is 85 mm. The overall width and height of the detector assembly are 770 mm. The sample is labeled 'Sample' and has dimensions 250 x 250 mm. The detectors are labeled 'Ne-14 B<sub>0</sub> 250 x 10' and 'I = 250'. The source is labeled 'Ni-55' and 'I = 55'.

1. Pręty nr 9, nr 13, nr 15 nagwintować - długości gwintu podano na rysunku
2. Rozpatrywać łącznie z rysunkami nr 3k, 9k, 10k,



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