

Technical drawing of a mechanical part, showing a top view and a side view. The top view is a square with a central circular feature. The side view shows the profile of the part, including a central cylindrical section and two side flanges. Dimensions are given in millimeters (mm).

Top View Dimensions:

- Overall width: 100 mm (25 mm + 1.25 mm + 25 mm)
- Overall height: 100 mm (25 mm + 25 mm + 25 mm)
- Central circular feature diameter:  $\varnothing 20$
- Central rectangular feature width: 25 mm
- Central rectangular feature height: 25 mm

Side View Dimensions:

- Overall height: 100 mm (25 mm + 25 mm + 25 mm)
- Central cylindrical section diameter:  $\varnothing 20$
- Central rectangular feature width: 25 mm
- Central rectangular feature height: 25 mm

Labels:

- $\varnothing 20$ : Diameter of the central circular feature.
- $\varnothing 20$ : Diameter of the central cylindrical section.
- $\varnothing 20$ : Diameter of the central rectangular feature.
- $\varnothing 20$ : Diameter of the central rectangular feature.

Technical drawing of a square column cross-section showing reinforcement details. The column has a square cross-section with a central circular void. Reinforcement includes longitudinal bars (4 bars at top and bottom, 2 bars on each side) and transverse bars. Dimensions include a total height of 1.2m, a clear height of 1.10m, and a top slab thickness of 0.15m. Labels indicate "CONCRETE W/NO" (without) and "CONCRETE W/NO REINFORCING" (without reinforcing).

Technical drawing of a square mesh structure. The top view shows a square grid with dimensions  $1,5 \times 1,5$  m for the mesh and  $1,5 \times 1,5$  m for the frame. The bottom view shows a square frame with dimensions  $1,5 \times 1,5$  m and a diagonal dimension of  $2,121$  m.

[illegible]

CORTE AA

ESCALA 1:40

TUBO FERRO GALVANIZADO 4"  
PINTURA ESMALTE PRETO

55 55

PONTEIRO

SUMICOURO