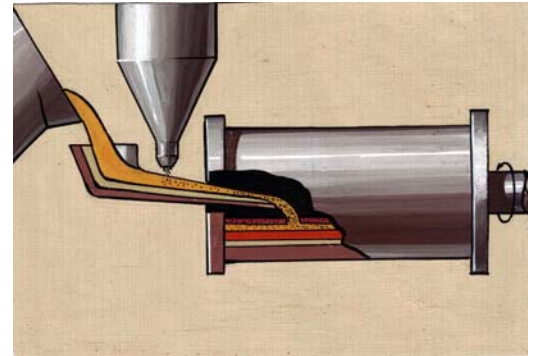


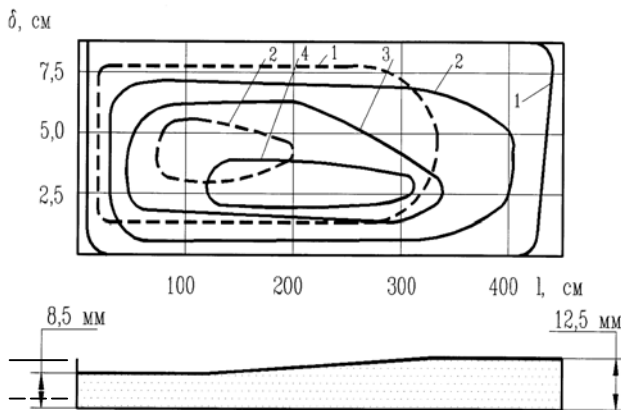


Centrifugal casting of single-layer and bimetallic pipes and billets with fluxing

The technology provides for fluxing of metal in a rotary mould, as well as the inoculating or microalloying of the alloy in the process of shaping of casting.



Solidification under differential form's warning



solidus isotherm; liquidus isotherm.

Time after pouring, min: 1 - 3, 2 - 6, 3 - 8, 4 - 11.

The technology makes it possible to:

- decrease of casting spoilage in 1-2 times;
- reduce a machining allowance of castings in 20-60%;
- increase the chemical and structural uniformity, mechanical and operating properties of cast metal;
- ensure the qualitative weldability of heterogeneous metals.

