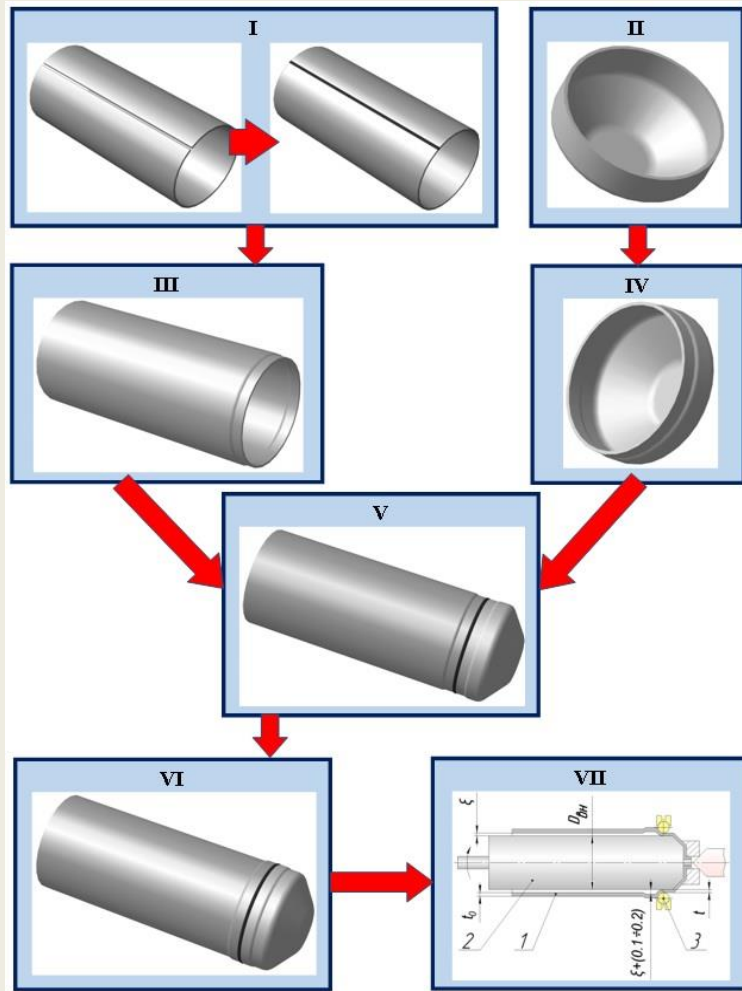


# Increasing the strength of welded thin-walled axisymmetric vessels made of corrosion-resistant steel

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# Scheme of manufacturing a welded thin-walled vessel of increased strength



I – convolution of a sheet blank into a cylinder and longitudinal welding of abutting edges

II – plastic shaping of the bottom

III – compression calibration of the cylindrical vessel body

IV – compression calibration of the cylindrical edge of the bottom

V – welding of the body and the bottom with an annular seam

VI – ring weld distribution

VII – rotary rolling

1 - the blank of the vessel; 2 - mandrel;  
3 - rolling head