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The invention relates to the thermochemical treatment of steel articles and may be used in the mechanical engineering and instrument engineering for increasing the corrosive resistance of the machine parts, tools and machine-tool attachments.

The process for steel article working for anticorrosive superficial layer obtaining includes the thermochemical treatment consisting in the anodic heating of the article into an electrolyte, containing nitric compounds, and cooling thereof up to the ambient temperature. The anodic heating of the article into an electrolyte is carried out up to the temperature of 720... 750°C, maintaining it at said temperature during 3...7 min, and cooling of the article is carried out by submergence thereof in the aqueous solution of sodium nitrite with the concentration of 10...30 g/L.

Claims: 1