

Accepted Manuscript

Study on the rotary forming process of a rim-thickened disc-like part using a local heating method

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PII: S0020-7403(17)30122-4
DOI: [10.1016/j.ijmecsci.2017.06.056](https://doi.org/10.1016/j.ijmecsci.2017.06.056)
Reference: MS 3785



To appear in: *International Journal of Mechanical Sciences*

Received date: 6 February 2017
Revised date: 7 June 2017
Accepted date: 30 June 2017

Please cite this article as: Xinyun Wang , Junsong Jin , Yunzhan Hu , Lei Deng , Jianjun Li , Study on the rotary forming process of a rim-thickened disc-like part using a local heating method, *International Journal of Mechanical Sciences* (2017), doi: [10.1016/j.ijmecsci.2017.06.056](https://doi.org/10.1016/j.ijmecsci.2017.06.056)

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Highlights

- A new local-heating rotary-forming process was developed to produce a rim-thickened disc-like part.
- A motion controlling and power controlling model were established.
- Deformation rules including various field distributions were explored.
- disc-like part with thickened rim was formed.

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