

## OVAL BUSHING Specification for SURFACE TREATMENT

Datum: 29.6.2023

Project No: A23041-03

## **Project descriptions:**

- For potential new project, after stamping surface coating is required.
- The required treatment is

Surface protection TL244 r642 (Zn-Ni)

The parts are use for automotive industry application.

## Other data:

- Outside dimension: 13,8 x 9,8 x 11 mm
- Base material: DC01 EN 10139, thickness 1,0 mm
- The parts comes on surface treatment operation in bulk condition. On pieces are residuals lubricants form stamping.
- Quantity scenario: 1,1 mio pcs / year (aprox. 3,3t)
- Project lifetime 2025 2033
- The certificate of compliance with the requirements is necessary to be submitted for each shipment.
- More detailed agreement about technical specifications will be done later.
- For other technical data, please see page 2.

By:

**Oval Bushing** 



## Technical data

Part:

**OVAL BUSHING** 

Part No.: PN-23-0166

Outside dimension[mm]:

13,8 x 9,8 x 11 mm

Base material: DC01, EN 10139

Sheet metal thickness: 1,0 mm

Surface area: 864 mm<sup>2</sup>

Volume: 380 mm<sup>3</sup>

Part weight: 0,003 kg

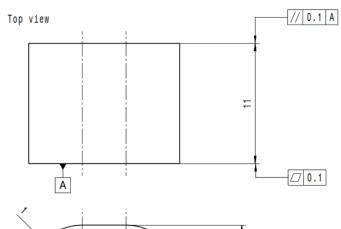
Quantity scenario:

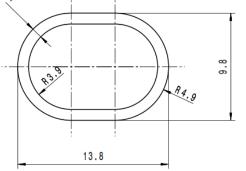
1,1 mio pcs / year (cca 3,3t)

Project lifetime 2025-33



Surface protection TL244 r642 (Zn-Ni)





Front view