

# 381202

For more information about this assembly solution,

please contact us at the e-mail address below:

[fastenerlisi@lisi-group.com](mailto:fastenerlisi@lisi-group.com)



**Categories:** Captive conical washers, Conical washers, Innovative products, Our Products, Washers

## Product Short Description :

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Our « Conical washers » family ensures secure fastening over time for all assembly challenges. It has been designed to prevent loosening of threaded assemblies due to vibration or temperature variations. It also ensures a good repartition of efforts, a reliable assembly and a strong elastic reaction.

This family includes a complete range of products with captive conical washers (with or without chamfer) and loose conical washers.

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## Additional Information:

- Dimensions: 3.30 cm
- Weight: N/A
- External diameter tolerance: -0,52
- Ø External [d2] (mm): 24.00

- Height [H] (mm): 3.30
- Height tolerance: +0,30
- Ø Internal [d1] (mm): 11.20
- Internal diameter tolerance: +0,30
- Material: C60S to C67S
- Maximum hardness [HV]: 510
- Minimum hardness [HV]: 430
- Screw diameter: M 12
- Thickness [e] (mm): 2.80
- Thickness tolerance:  $\pm 0,06$
- Heat treatment: Yes

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