

# NeoTAG® Plug G/MG3326

**New**

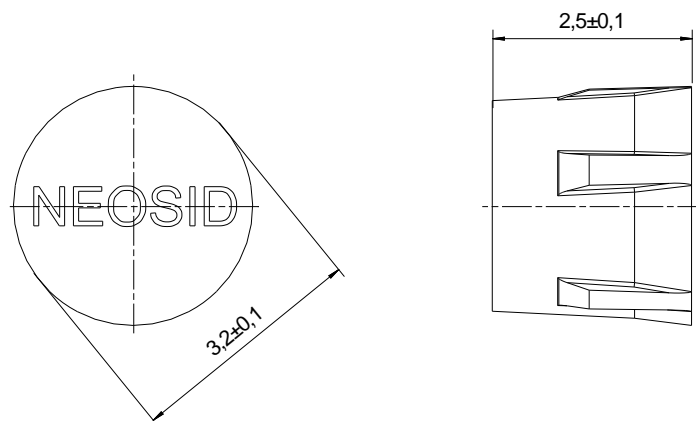
## Miniaturised NeoTAG® Plug for Ø3mm drill holes

The new NeoTAG® Plug G/MG3326 represents our smallest NeoTAG® HF transponder in a press-in housing. The maximum outer dimensions of the NeoTAG® Plug G/MG3326 are just 3.3 millimetres in diameter and 2.6 millimetres in height. With this, we have accomplished a further step in the direction of miniaturisation: we have reduced the TAG area again by 40% and the volume by more than 50%. As a result this new member of the [NeoTAG® family](#) qualifies for the identification of smallest objects. As all of our transponders in press-in housing this one also possesses an outstanding and proven resistance to harsh environmental conditions. This transponder is available in versions for metallic and non-metallic environments.

The easy-to-use press-fit housing enables a save, quick and reliable installation of the NeoTAG® Plug G/MG3326 in a 3.0mm drill hole. Thus using this TAG you can distinguish and clearly identify even smaller articles such as, for example, drilling bits and milling tools. Following the concepts of INDUSTRY 4.0, this transponder creates smart tools for the implementation of transparent, digital processes in industrial applications in just a few easy steps.



NeoTAG® Plug G/MG3326



Units: mm

Alle Angaben ohne Gewähr. Irrtümer und Änderungen vorbehalten. No responsibility is taken for the correctness. Errors and changings reserved.

## Technical specifications:

Item numbers:	00706032	G3326 (with NXP ICODE SLIX) Non Metal
	00706033	MG3326 (with NXP ICODE SLIX) Metal
Housing material:	PPA GF30, cyan blue, other colors on request	
HF RFID protocol:	ISO 15693	
Chip:	NXP ICODE SLIX, SLIX-S, SLIX2 and others on request	
Frequency:	for 13.56 MHz	
Read range:	up to 80 mm (depending on reader, reading antenna and application)	
Operating temperature:	-40°C to +85°C (for read and write function)	
Special ambient temperatures:	max. +180°C (up to 90 hours/14 cycles)	
Weight:	0.03 g/piece	

## Characteristics:

- Miniaturised dimensions of 3.3 mm in diameter and 2.6 mm in height
- Easy mounting process without special tools by press-in or punch-in
- Readable by standard RFID readers with min. 200mW output power
- Protection class IPX8: continuous immersion in water
- Vibration resistant
- High mechanical abrasion resistant
- Resistant against a large number of chemical substances
- User data memory: 896/1280/2112/2528 Bit depending on IC type
- IC with password protection and encrypted protocol on request
- Customer logo and color on request
- **NFC Forum Type 5 TAG**
- FDA compliant housing material on request

## Applications:

- Maintenance and repair
- Inventory management
- Product tracking
- Identification process management for small objects like tools, devices, fixtures, equipment, machines, ...
- Digital manufacturing and [tool management in INDUSTRY 4.0](#)
- Tool protection to prevent misuse
- Downtime monitoring of processing tools
- Maintenance management for tool revision
- For non-metallic objects: NeoTAG® Plug G3326
- For metallic objects: NeoTAG® Plug MG3326

Shaft Ø: 6.00mm



Application example: NeoTAG® Plug MG3326 integrated in a milling tool

## Packaging:

Packaging unit 2.000 pcs. T&R. Other types of packaging on request.