



## DISCOVER THE BENEFITS OF SMART TAGS FOR YOUR INDUSTRIAL ENVIRONMENT

Looking to leverage smart tags in your operations? We can help you make the move towards Industry 4.0 by integrating RFID tags with our grinding wheels for better wheel identification and inventory management. The passive RFID tags contain valuable information that you can use to identify and keep track of your grinding wheel inventory. In addition to the factory loaded information, the read/write capabilities allow you to enter additional information. Wheel specifications, operating parameters, even UPC code or part number can be added. This versatile technology is well suited for an industrial environment. Tags are available in a variety of sizes allowing them to be mounted discreetly.

### BENEFITS

- Streamlined asset & inventory tracking and management
- Minimized risk of human error when used with machine controllers
- Real-time data viewing and collection with read/write capabilities
- Ability to add usage information such as dress intervals
- Easy access to product specification for accurate re-ordering
- No network connection required allowing for anytime, anywhere data access
- More flexibility and data availability than with a simple bar code

TAG TYPE	SENSOR RANGE	DATA SIZE RANGE	USE CASE
<b>QR Code</b>	2.5 cm - 25 cm	400 bytes (average)	Operator identification   When using cell phone as a reader
<b>NFC (Near Field Communication)</b>	0 - 8 cm	64 bytes - 8 kb	Machine identification   Machine loading   Storage
<b>HF (High Frequency)</b>	10 cm - 1 m	64 bytes - 8 kb	Identification   Machine loading   Storage
<b>UHF (Ultra-High Frequency)</b>	30 cm - 3 m	64 bytes - 2 kb	Logistics and inventory management

*Range and data size will vary depending on the vendor and model of the tag. Additionally, Gen2 tags have greater range.*

**CONTACT US TODAY FOR MORE INFORMATION!**  
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