



FERROXTAG ISO METRIC THREAD

## FERROXTAG ISO METRIC THREAD

### **FERROXTAG ISO METRIC THREAD, EASY AND FAST TO INSTALL, COMPLETELY INTEGRATED INTO THE IDENTIFIED ITEM AND 100% REUSABLE.**

Based on the same concept as our *In metal notch* tags, Ferroxtag's new range rises in order to fulfill customer's identification necessities where the maximum degree of protection for the tag is needed, or simply where the final dimensions/appearance of the identified object can't be altered.

As well as the rest of Ferroxtag HF tags, Metric thread references are provided with ceramic magnetic antenna that makes it possible to reach the largest operating distances of the market keeping its tiny dimensions even placed in a metal item.

### **ISO METRIC THREAD FORMAT, FERROXTAG NEW RANGE**

New metric thread format opens new possibilities for either metal or non metal items identification, giving the same advantages and performance as our *in metal notch tags* regarding to metal item identification and our standard tuning references regarding to non metal items.



Figure 1. Ferroxtag ISO metric thread

All tags belonging to this new range are characterized by its major diameter, its pitch and finally its tuning.




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**New standard references are:**


<b>FXT28/2M.1-SLI-X</b> (4330 034 10381)	<b>Non metal items identification</b>	<b>Epoxy sealed</b>	<b>HF (13.56MHz)</b> Passive technology
	<b>FEATURES</b> <ul style="list-style-type: none"> <li>• M28x2 (Ø=28; Pitch=2mm); Length=6mm.</li> <li>• Weight=4 grams</li> <li>• Storage &amp; Operating temperature: -25°C to +100°C.</li> <li>• Nylon case (other material upon request)</li> </ul> <p>Due to its reduced height, this tag is perfect to be fixed on low thickness surfaces completely integrated into the identified item.  <b>Also available without the screwing groove upon request.</b></p>		
<b>FXT18/1.5M.1-SLI-X</b> (4330 034 10391)	<b>Non metal items identification</b>	<b>Epoxy sealed</b>	<b>HF (13.56MHz)</b> Passive technology
	<b>FEATURES</b> <ul style="list-style-type: none"> <li>• M18x2 (Ø=18; Pitch=1.5mm); Length=19.2mm.</li> <li>• Weight=5.5 grams</li> <li>• Storage &amp; Operating temperature: -25°C to +100°C.</li> <li>• Nylon case (other material upon request)</li> </ul> <p><b>FXT18/1.5M.1-SLI-X</b> for the largest operating range.  <b>Also available without the screwing groove upon request.</b></p>		
<b>FXT12/1.25M.1-SLI-X</b> (4330 034 10401)	<b>Non metal items identification</b>	<b>Epoxy sealed</b>	<b>HF (13.56MHz)</b> Passive technology
	<b>FEATURES</b> <ul style="list-style-type: none"> <li>• M12x1.25 (Ø=12; Pitch=1.25mm); Length=19.2mm.</li> <li>• Weight=2.4grams</li> <li>• Storage &amp; Operating temperature: -25°C to +100°C.</li> <li>• Nylon case (other material upon request)</li> </ul> <p>Due to its reduced diameter, this tag is perfect to be fixed on small surfaces completely integrated into the identified item.  <b>Also available without the screwing groove upon request.</b></p>		




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<b>FXT28/2M.2-SLI-X</b> (4330 034 10421)	<b>Metal tuning</b>	<b>Epoxy sealed</b>	<b>HF (13.56MHz)</b> Passive technology
	<b>FEATURES</b> <ul style="list-style-type: none"> <li>• M28x2 (Ø=28; Pitch=2mm); Length=6mm.</li> <li>• Weight=4 grams</li> <li>• Storage &amp; Operating temperature: -25°C to +100°C.</li> <li>• Nylon case (other material upon request)</li> </ul> <p>Due to its reduced height, this tag is perfect to be fixed on low thickness surfaces completely integrated into the identified item.  <b>Also available without the screwing groove upon request.</b></p>		
<b>FXT18/1.5M.2-SLI-X</b> (4330 034 10431)	<b>Metal tuning</b>	<b>Epoxy sealed</b>	<b>HF (13.56MHz)</b> Passive technology
	<b>FEATURES</b> <ul style="list-style-type: none"> <li>• M18x2 (Ø=18; Pitch=1.5mm); Length=19.2mm.</li> <li>• Weight=5.5 grams</li> <li>• Storage &amp; Operating temperature: -25°C to +100°C.</li> <li>• Nylon case (other material upon request)</li> </ul> <p><b>FXT18/1.5M.1-SLI-X</b> for the largest operating range.  <b>Also available without the screwing groove upon request.</b></p>		
<b>FXT12/1.25M.2-SLI-X</b> (4330 034 10441)	<b>Metal tuning</b>	<b>Epoxy sealed</b>	<b>HF (13.56MHz)</b> Passive technology
	<b>FEATURES</b> <ul style="list-style-type: none"> <li>• M12x1.25 (Ø=12; Pitch=1.25mm); Length=19.2mm.</li> <li>• Weight=2.4 grams</li> <li>• Storage &amp; Operating temperature: -25°C to +100°C.</li> <li>• Nylon case (other material upon request)</li> </ul> <p>Due to its reduced diameter, this tag is perfect to be fixed in small surfaces completely integrated into the identified item.  <b>Also available without the screwing groove upon request.</b></p>		

**COMPLETE DATA-SHEETS CAN BE FOUND ON WEB SITE:**

[WWW.Ferroxtag.com](http://WWW.Ferroxtag.com)



### **Application examples:**

- Asset inventory.

In order to carry out an effective asset tracking and maintenance activity of its machines, companies must inventory all assets in its facilities and link such inventory number with a complete historical register for each device. This task is usually tedious and often causes information loss

Ferroxtag, with 1024 bytes of re-writable memory and its 64 bits unique identifier is without any doubt the best choice to fulfill companies' machinery identification necessities. Every device provided with Ferroxtag will turn into a real mobile data base that will contain information about its identity, current status and failure history.



*Figure 2. Machine placed in harsh environment unique identified with **FXT28/2M.2-SLI-X***



*Figure 3. Metal console identified with **FXT18/1.5M.2-SLI-X***

- Plastic boxes identification.

Identify easily and with the best results all kind of plastic boxes. You only have to make a screw hole of the required dimensions and any tag from our *metric thread range* will be fast and easily inserted into the plastic box, no glue, silicone or epoxy needed for the best fixation and degree of protection.



Figure 2. Plastic box identified with **FXT28/2M.1-SLI-X**

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**DISCLAIMER**

These products are not designed for use in life support appliances, devices, or systems where malfunction of these products can reasonably be expected to result in personal injury. Ferroxcube customers using or selling these products for use in such applications do so at their own risk and agree to fully indemnify Ferroxcube for any damages resulting from such application.