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## M2 High Speed Steel and 4340 Low Alloy Steel Now Qualified on Tritone Technologies Systems

**Rosh Ha'ayin (Israel) – October 13, 2022** – Tritone Technologies, a global provider of powder-free metal and ceramic additive manufacturing (AM) technology for industrial production systems, has announced the expansion of its portfolio of build materials.

With the recent qualification of M2 high speed steel and 4340 low alloy steel, Tritone systems now offer a wide variety of materials to use on its Additive Manufacturing (AM) systems. These include stainless steels, tool steels, low alloy and super alloy steels, Titanium alloys, Copper, and Ceramic. Additional materials are at an advanced stage waiting for qualification.

Tritone's innovative powder-free MoldJet technology can be used on the Dominant and Dim systems for M2 high speed steel and 4340 low alloy steel.



**4340 Low Alloy Steel**



**M2 High Speed Steel**

**M2** is a Molybdenum high speed steel used in cutting and forming tools. Its high Carbon content allows for very high hardness (>64HRC) after hardening and tempering cycles, also manifested in great wear resistance without loss of toughness.

Click [here](#) to download the M2 datasheet.

**4340** alloy steel is a heat treatable and low alloy steel containing chromium, nickel, and molybdenum, mainly used in power transmission gears and shafts, aircraft landing gear, and other structural parts. It has high toughness and strength in the heat-treated condition and can be hardened up to >53HRC.

Click [here](#) to download the 4340 datasheet.

To learn more about Tritone's wide range of materials portfolio, visit: <https://tritoneam.com/materials/>

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## **ABOUT TRITONE TECHNOLOGIES**

Tritone technologies transform metal Additive Manufacturing to address the demanding standards and needs of industrial production. The company's innovative technology enables industrial throughput of accurate parts with a range of metal and ceramic materials, suitable for the Automotive, Aerospace, Medical and Consumer Electronics industries. Founded in 2017, Tritone is led by an experienced team of experts with a track record in driving technology and business growth. Backed by private equity firm Fortissimo, Tritone is a global company and is based in Israel.

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