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# FORGED MAGNESIUM AND ALUMINUM WHEELS

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- SMW proprietary alloy is the improved version of the 6151 alloy, which is almost 10% stronger than a standard commonly used 6061 alloy.



- We'd started in 1996 casting magnesium wheels; and for the past 18 years we mostly specialize in best-in-class forged wheels, including the very lightest forged magnesium wheels. SMW proprietary closed-die net-shape forging process ensures the desired metal flow with directional fiber positioning and with deeper deformation for optimal grain structure. This results in superior metallurgical characteristics and improved mechanical properties.

We employ stronger aviation-grade alloys than those commonly used in the industry – in order to optimize the designs to achieve meaningful weight reduction. For aluminium wheels, our improved version of 6151 alloy is almost 10% stronger than a commonly used 6061 alloy.

Read more at [www.cluster.lv](http://www.cluster.lv)

## ➤ Company



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