

AS9132 – A New Coding Standard Ensuring Quality Uniformity

AS9132 is a standard that defines uniformity and other technical requirements for Dot Peen marking of metal components using data matrix technologies. This standard specifies the criteria required for ensuring electronic scanning of these symbols.

AS9132 is a new standard that is used for dot peen marking of data matrix codes. Various industries including medical, aerospace and automotive have been concerned about direct marking and traceability issues. Thanks to the cutting-edge reading and marking technologies of today, the conventional problems found during automated part tracking have been largely solved. These ground-breaking marking and reading technologies have helped many industries do away with the mistakes that usually take place with the conventional and manual tracking methods and procedures.

The ATA (Air Transport Association) has issued specific AS9132 guidelines with regarding to the direct part marking of aerospace components. These issued guidelines (SPEC 2000, Chapter 9) state for permanent part identification using bar code technology especially data matrix technologies. The prime objective is to mark a part with a 'unique identifier' to allow tracking of serialized parts during entire life cycle of the parts and facilitate the use of automated processes in parts handling. Chapter 9 has specifically mentioned about data content although it hasn't defined quality or technical requirements for Dot Peen and other marking technologies.

ID-integration.com provides complete solutions to AS9132 and other DoD standards pertaining to direct part marking.

About the Author

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