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## ASTM A153-80 Zinc Coating (Hot-Dip) on Iron & Steel Hardware

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Abbreviation  
ASTM A153-80  
Valid from  
29/08/1980

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Information provider  
IHS Markit  
Author  
American Society of Testing and Materials  
Information type  
ASTM Standard  
Format  
PDF, Hard copy

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### Description

This specification covers zinc coatings applied by the hot-dip process on iron and steel hardware. The hot-dip galvanizing process consists of parts being immersed in molten zinc for a sufficient time to allow a metallurgical reaction between iron from the steel surface and the molten zinc, resulting in the formation of Zn/Fe alloy layers bonding the coating to the steel surface

This specification is intended to be applicable to hardware items that are centrifuged or otherwise handled to remove excess galvanizing bath metal (free zinc).

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