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best way to minimize above difficulties is to reduce the heating' **'Welding of dissimilar non ferrous metals by GMAW processes**

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September 2nd, 2019 - 1895 Hans Goldschmidt developed exothermic welding 1899 The Essen Tramway becomes first railway to use thermite welding 1904 George Pellissier welded the Holyoke Street Railway first to use the process in the Americas 1935 Charles Cadwell develops non ferrous exothermic welding 1950 240 ft 73 2 m welded 4 x 60 feet or 18 3 metres' **'Weld Cracking in Ferrous Alloys R Singh • 9781845693008**

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December 16th, 2019 - For example intermetallic compounds are usually formed during joining Mg alloy to Al alloy which seriously affects the joining properties of the weld 2?4 The joining of Mg alloy to steel is limited as the two metals neither dissolve into each other nor produce intermetallics 5 Therefore it is difficult for Mg alloys to join with other metals successfully merely by a fusion welding method'

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