

Abbreviation

MMC	Metal Matrix Composites
AMC	Aluminium Matrix Composites
FSP	Friction Stir Processing
FSW	Friction Stir Welding
HAZ	Heat Affected Zone
TMAZ	Thermo-mechanically Affected Zone
NZ	Nugget Zone
WN	Weld Nugget
AS	Advancing Side
RS	Retreating Side
SiC	Silicon Carbide
AA 2014	Aluminium Alloy 2014
AA 2014 + 5% SiC	Aluminium Alloy 2014 reinforced with 5% SiC
AA 2014 + 10% SiC	Aluminium Alloy 2014 reinforced with 10% SiC
AA 2014 + 15% SiC	Aluminium Alloy 2014 reinforced with 15% SiC