

# Guidelines for Selection of Fasteners Based on Galvanic Action

The Specialty Steel Industry of North America

Fastener Metal \ Base Metal	Alum	Copper	Stainless Steel 302/304	Stainless Steel 410	Steel	Zinc & Galv.
Alum	A	C	B	NR	B	A
Copper	AE	A	B	A	AE	ADE
Stainless Steel 302/304	AE	AE	A	A	AE	ADE
Steel	A	C	B	C	A	AD
Tern-plated Steel	AE	C	B	C	AE	ADE
Zinc & Galv.	B	C	C	C	B	A

<b>A</b> = The corrosion of the base metal is not increased by the fastener	<b>B</b> = The corrosion of the base metal is marginally increased by the fastener	<b>C</b> = The corrosion of the base metal may be increased by the fastener material	<b>D</b> = The plating of the fastener is rapidly consumed, leaving the bare fastener metal	<b>E</b> = The corrosion of the fastener is increased by the base metal	<b>NR</b> = Not recommended
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