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## COR™ BALT 6 ELECTRODE

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### DESCRIPTION

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COR™ BALT 6 is a cobalt based alloy designed for maintaining hardness at elevated temperatures as well as excellent corrosion and abrasion resistance.

COR™ BALT 6 also forms chrome carbides for abrasion resistance, and the tungsten provides strength at elevated temperatures. Welded deposits have a low coefficient of friction and will develop a high polish in service.

### APPLICATIONS

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Typical wearfacing uses include: valve overlays, thrust washers, press hammer ways, rail mill and rolling guides, skulling hooks, cams, brake drums, and engine parts.

### PROCEDURE

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A minimum preheat of 350°F is recommended for mild steels. Preheat all other alloys according to the base material.

### WELDING PARAMETERS

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Size	5/32"	3/16
Amps	140-160	180-200

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### MECHANICAL PROPERTIES

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42-46 Rc as welded

### CLASSIFICATION

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AWS A5.13, Class ECoCr-A