quad alloy

QUALITY ENGINEERED ALLOYS

QUADSTAIN 1820

Stainless Steel

***Excellent Metal To Metal Wear**
***Scoring, Galling & Rollover**
***Welds Dissimilar**
***Self Polishing**
***Unequalled Resistance to Impact**
***High Tensile 116,000 PSI**
***Work Hardens To 50RC**
***Will Not Stress Crack**

DESCRIPTION:

Quadstain 1820 is indicated for joining and cladding all nickel base alloys 600, 625, 800, including 200, 201, 800 HT and combination of these alloys to ferritic steels, the specially formulated flux allows for exceptional arc stability even when welding in conditions of base metal contaminates and in vertical and overhead welding. Quadstain 1820 deposits exhibit excellent bead shape, good penetration and do not pit along the fusion edges.

ALLOY TYPE: Stainless Steel

TYPICAL APPLICATIONS

Thrust Washer	Cams
Tong Bits	Conveyor Rolls
Coiler Lines	Impellors
Rolling guides	

OPERATIONAL CHARACTERISTICS/WELDING PARAMETERS

TENSILE STRENGTH: 116,000 psi (2” bar)
ELONGATION: 42%
SIZES: 1/8 5/32 3/16

YIELD STRENGTH: 91,000 psi
CURRENT: AC/DC+ (+/-30%)
AMPS: 100 140 170

American Welding and Maintenance · 13 Executive Dr. Suite. 19 Fairview Heights, IL 62208
(800) 272-7633