

General Specification

SS 13 R1 – 416 PSQ

Material should conform to all requirements of the listed specifications, except as further modified by the more stringent or restrictive requirements listed in this document.

Tolerances:

1/2" to 1" exclusive	+ .000/- .002
1" to 1-1/2" exclusive	+ .000/- .0025
1-1/2" to 4" inclusive	+ .000/- .003
Over 4" to 5" inclusive	+ .000/- .005
Over 5" to 7" inclusive	+ .000/- .008

Ovality: 1/2 of diameter tolerance

Straightness: 0.005 Total Indicator Reading (TIR) in 3 feet plus 0.0015 TIR for each foot over 3 feet.

Marking: Waive continuous line marking. Each bundle must be tagged with E.S.P. PO#, bundle#, grade, size, heat#, net weight, and country of origin. For 1" and over stamp heat number on both ends of bar.

Color Code: Orange (both ends of each bar).

Length: 20'2" – 22'2" R/L

Packing and Shipping Requirements:

Maximum one heat per size per bundle. Maximum bundle weight 10000#. Flat bed trailers only. Material on 4 x 4 runners for quick unloading. All material to be boxed. Each bar must be individually wrapped, tubed or collared to prevent scratches.

Documents: 2 copies of MTR with shipments and 2 copies with invoice. Packing list to show country of origin, purchase order number, grade, color code, size, heat number, net weight in pounds.

DIRECTOR OF PURCHASING

DATE

PRODUCT MANAGER, UNALLOY-IWRC

DATE

QUALITY ASSURANCE MANAGER

DATE

VICE-PRESIDENT OF U.S. OPERATIONS,
ENERGY STEEL PRODUCTS

DATE