



Plating

FALCONBRIDGE

CROWNS

Product Description

Electrolytic nickel CROWNS were especially developed and patented by Falconbridge to provide an improved alternative to sheared cathode squares for use in titanium baskets. Nickel CROWNS are hemispherical with a based diameter of approximately 22 mm.

The nickel CROWN shape provides smooth-flowing, easy handling properties and promotes good settling in anode baskets, so important in preventing void formation and basket damage.

Electrolytic or high purity nickel continues to be preferred by most platers due to the low level of residuals for which Falconbridge electrolytic nickel products are second to none. A preference for nickel CROWNS over other forms is the result of significant cost saving due to good dissolution and handling characteristics.

The smooth, rounded form of nickel CROWNS has allowed Falconbridge to introduce greater versatility in packaging than is possible with competitive products and this has been designed for improved operator efficiency.

Further information and assistance are available from Falconbridge technical and sales personnel.



PRODUCT DESCRIPTION AND PACKAGING

Typical Analysis

Nickel_____	>99.98	%
Carbon_____	< 0.002	%
Cobalt_____	< 0.0002	%
Copper_____	< 0.0001	%
Iron_____	< 0.0010	%
Lead_____	< 0.0002	%
Sulphur_____	< 0.0002	%
Zinc_____	< 0.0002	%

Bulk Density
4.6 kg/dm³

Materials Safety Data Sheet available on request.



The Quality Management System for the production of all nickel products at Falconbridge's Kristiansand Norway nickel refinery is ISO 9001 and ISO 14001 certified.



FALCONBRIDGE CROWNS

Standard Packaging

250 kg drums



- 4 x 250 kg steel drums, net weight 1000 kg strapped to a skidded wooden pallet



- 100 x 10 kg polyethylene bags, net weight 1000 kg packed in a skidded wooden box



- **2000 kg polypropylene bag ("Big Bag")** strapped to a skidded wooden pallet, available on request