



ANODE BARS

Round hot rolled carbon steel bars up to diameter 220 mm

Anode stud bars are custom-made in accordance with the customers' specification. Various steel grades as requested.

HMR has been supplying these commodities to the primary aluminium smelters for over 30 years. Exclusive network of the international sub-suppliers assures very competitive prices.

Steel bars in long lengths are supplied in bundles, strapped with a strong wire. Transport: bulk or in the containers.

We deliver pre-cut nipples, too. They can be supplied cut in different angles and with a welding groove according to the specification.

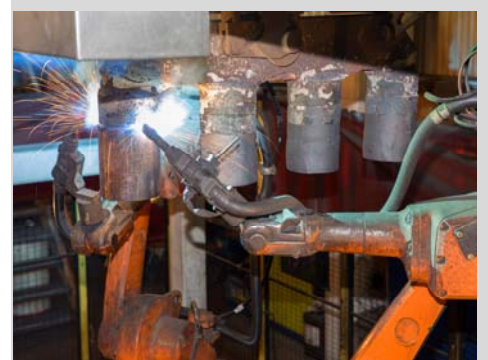
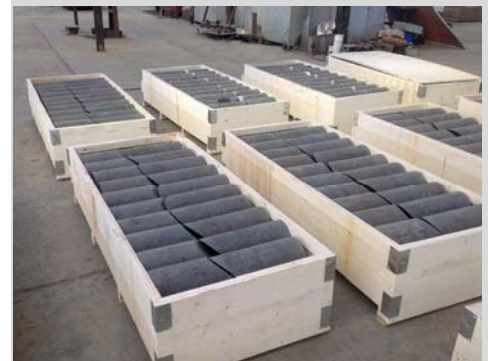
DIMENSIONS

- Diameter up to 220 mm.
- Full bar lengths or pre-cut nipples.

TOLERANCES

- Diameter: from +/-0.5 to +/-2.0 mm
- Length (long bar): +50/-0mm
- Straightness: 2.5mm/1m (DIN 1013)

Other dimensions and tolerances available – please inquire.



CATHODE BARS

**Square, rectangular or round hot rolled,
low carbon steel bars**

HMR delivers a wide range of sizes and lengths of cathode collectors. We provide bars also with various inserts and ready machined. Technical requirements are according to the customer's specification - please inquire.

Steel grades as requested, but for the purpose of cathode collector bars HMR recommends a low resistivity steel (LRS) for better performance in electrolysis process.

STEEL GRADE LR6

C	Max. 0.06
Si	Max. 0.07
Mn	0.28-0.45
P	Max. 0.03
S	Max. 0.04
N	Max. 0.012

HMR have been supplying these products to our international customers for more than 30 years.



ABOUT HMR HYDEQ

HMR Hydeq is a partner and solutions provider to the primary aluminium industry. HMR designs and produces cutting-edge technology mobile and stationary equipment, delivers spare-parts, potroom consumables, as well as workshop and maintenance services. HMR Hydeq is a part of HMR Group of seven companies, located on West coast of Norway.

HMR Hydeq is certified in accordance with EN ISO 9001:2015.



CONTACT

Please send your inquiries about anode and cathode bars to:

HMR Hydeq AS

Hans Ingar Røtvei

Sales Manager Potline Products

E: hans.ingar.rotvei@hmr.no

M: (+47) 95 02 67 27

T: (+47) 57 64 87 00