



THE

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TM

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Quality Perforating, Inc.

Issue 09

1030/AR 235/Hard Plate

QPI, continues to offer additional service and capabilities. If 1030/AR 235/Hard Plate is a job requirement we can deliver the solution. Each of these materials present challenges that we are able to address.

1030 Carbon Steels
(3/16" thick to 1/2" thick)

(heat treatable to 280BHN) The availability of this material is dependent on the size/amount that is needed. The material for smaller orders is usually inventoried in Flat Rolled availability. When ordered in larger quantities it may take from 6 to 10 weeks to be delivered. QPI has built into their processing flow, time to allow any special/specific handling this material may require.



Higher carbon steel provides greater strength, used where strength and hardness are requisites and may be welded by all methods.

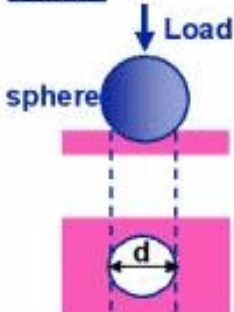
AR235 Plate (3/16" thick to 1" thick) AR235 alloy steel plate is an abrasion-resistant (AR) steel used primarily in the materials handling and mining industries. It is used in applications of slight abrasion where abrasion resistance combined with economy is the primary concern. With a hardness range of 200 to 250 BHN, (the BHN scale developed in 1900 by Johan August Brinell, is still used today). AR 235 steel is used for products in high wear applications.

Mining Applications

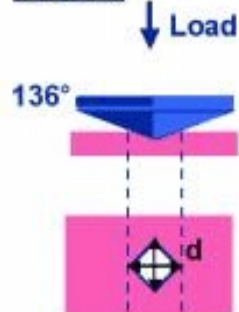
- Perforated plates offer better screening accuracy, less blending and longer wear life, in some cases outlasting wire cloth by 2 to 3 times.
- Screen plate is available in Rb-85 high carbon steel or fully heat treated up to 280-300 Brinell hardness, as well as stainless steel.
- A variety of hole shapes in material 16 gauge to $\frac{3}{8}$ " thickness. Plate offers less binding than wire cloth.
- Open area of screen plate is equal to if not more than wire cloth and there's no need for retensioning.
- Perforated screen plate is available for Grizzly's, primary and secondary equipment, incline, horizontal and portable machines.



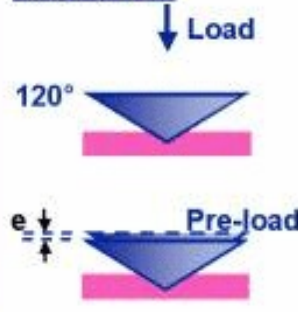
Brinell:



Vickers:



Rockwell C:



distinguished by a brand name followed by the hardness of the steel which is measured on the BHN Scale.

[*"Check our website for additional information."*](#)

QPI handles this AR235 material understanding that it is not typical, as it is not governed by any ASTM code or spec. We will work with most manufacturers products, produced under their own brand of abrasion resistant steel. These are usually

Please send along your job requirements. We will review these specifications and help develop an action-plan and time-table to your satisfaction.

Thank you for your support and loyalty.

The Team at QPI...

World Trade Center Project: Freedom Tower #1



Architectural and Industrial Opportunities.(click)

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