

**AEROSPACE
MATERIAL
SPECIFICATION**

AMS-S-7420B

Issued DEC 1998
Noncurrent FEB 2003
Cancelled JUN 2007

Superseding AMS-S-7420A

Steel Bars, Alloy, Chromium, High Carbon E52100
(Aircraft Quality)

RATIONALE

AMS-S-7420A has been designated cancelled because similar requirements are provided by AMS 6440, AMS 6444, AMS 6447 and AMS 6479.

CANCELLATION NOTICE

This specification has been declared "CANCELLED" by the Aerospace Materials Division, SAE, as of June, 2007. By this action, this document will remain listed in the Numerical Section of the Index of Aerospace Material Specifications indicating that it has been "CANCELLED".

Cancelled specifications are available from SAE.

Similar but not necessarily identical products are covered in the following specifications. However, this listing is provided for information only and does not constitute authority to substitute these specifications for the "CANCELLED" specification.

Similar but not necessarily identical products are covered by the following specifications:

AMS 6440, Steel Bars, Forgings, and Tubing, 1.45Cr (0.98-1.10C) (SAE 52100) for Bearing Applications

AMS 6444, Steel Bars, Forgings, and Tubing, 1.45Cr (0.98-1.10C) (SAE 52100) Premium Aircraft Quality, Consumable Electrode Vacuum Melted

AMS 6447, Steel Bars, Forgings, and Tubing, 1.45Cr (0.98C) (SAE 52100) Electroslag Remelted

AMS 6479, Steel Bars, Forgings, and Tubing, 1.45Cr (0.98-1.10C) Special Aircraft Quality

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

Copyright © 2007 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE.

TO PLACE A DOCUMENT ORDER: Tel: 877-606-7323 (inside USA and Canada)
Tel: 724-776-4970 (outside USA)
Fax: 724-776-0790
Email: CustomerService@sae.org
SAE WEB ADDRESS: <http://www.sae.org>

**Steel Bars, Alloy, Chromium, High Carbon E52100
(Aircraft Quality)**

NONCURRENT NOTICE

This specification has been declared "NONCURRENT" by the Aerospace Materials Division, SAE, as of February 2003. It is recommended, therefore, that this specification not be specified for new designs.

"NONCURRENT" refers to those specifications which have previously been widely used and which may be required on some existing designs in the future. The Aerospace Materials Division, however, does not recommend these specifications for future use in new designs. Each of these "NONCURRENT" specifications is available from SAE upon request.

Similar but not necessarily identical products are covered by the following specifications:

AMS 6440, Steel Bars, Forgings, and Tubing, 1.45Cr (0.98-1.10C) (SAE 52100) for Bearing Applications

AMS 6444, Steel Bars, Forgings, and Tubing, 1.45Cr (0.98-1.10C) (SAE 52100) Premium Aircraft Quality, Consumable Electrode Vacuum Melted

AMS 6447, Steel Bars, Forgings, and Tubing, 1.45Cr (0.98C) (SAE 52100) Electroslag Remelted

AMS 6479, Steel Bars, Forgings, and Tubing, 1.45Cr (0.98-1.10C) Special Aircraft Quality

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

Copyright 2003 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE.

TO PLACE A DOCUMENT ORDER:

Tel: 877-606-7323 (inside USA and Canada)

Tel: 724-776-4970 (outside USA)

Fax: 724-776-0790

Email: custsvc@sae.org

<http://www.sae.org>

SAE WEB ADDRESS: