

SINGAPORE STANDARD

Specification for steel tubes suitable for screwing to BS 21 pipe threads



SS 17 : 1996
(ICS 23.040.10)

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to BS 21 pipe threads**

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ISBN 9971-67-561-7

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**SPECIFICATION FOR STEEL TUBES SUITABLE FOR
SCREWING TO BS 21 PIPE THREADS**

FOREWORD

This specification was prepared by the Technical Committee on General Engineering under the direction of the Mechanical Standards Committee. It is a revision of SS 17 : 1970.

The revision was primarily based on BS 1387:1985 - 'Screwed and socketed steel tubes and tubulars and for plain end steel tubes suitable for welding or screwing to BS 21 pipe threads' and is reproduced by permission of BSI, 2 Park Street, London, W1A 2BS, England. Figure 1 and Appendices A to G are reproduced from ISO 6892:1984 - 'Metallic materials - Tensile testing'. The aim of this revision is to bring the Singapore Standard up-to-date with current practice.

When reading this revised standard, attention is drawn to the following:

- (a) Nominal pipe sizes are re-designated in accordance with the recommendations of ISO 6708 'Pipe components - Definition of nominal size';
- (b) The nominal size DN 6 ($\frac{1}{8}$ in) is not in great demand and has been deleted from this standard;
- (c) Appendix H is an alternative to hydraulic leak-tightness test.

Tubes in this Singapore Standard are intended for general purposes. It does not indicate the services for which the tubes are appropriate. Where the use of tubes is controlled by bye-laws or regulations, reference should be made to the appropriate code of practice or application standard.

In preparing this revision, reference was also made to the following standards:

- (a) ASTM A53-90b - Specification for pipe, steel, black and hot-dipped, zinc-coated welded and seamless
- (b) JIS G 3442 : 1988 - Galvanized steel pipes for water service
- (c) ISO 8491 : 1986 - Metallic materials - Bend tests on steel tubes
- (d) ISO 8492 : 1986 - Flattening test on steel tubes
- (e) SS ISO 1000 : 1992 - SI units and recommendations for the use of their multiples and of certain other units

Acknowledgement is made for the use of information from the above references.

NOTE

1. Singapore Standards are subject to periodical review to keep abreast of technological changes and new technical developments. The revision of Singapore Standards are announced through the issue of either amendment slips or revised editions.
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