

SRI LANKA STANDARD 282:1974

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**SPECIFICATION FOR
PIPE THREADS FOR
TUBES WHERE PRESSURE TIGHT JOINTS
ARE MADE ON THE THREADS**

BUREAU OF CEYLON STANDARDS

SPECIFICATION FOR PIPE THREADS FOR
TUBES AND FITTINGS WHERE PRESSURE-TIGHT JOINTS
ARE MADE ON THE THREADS

SLS 282:1974

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SPECIFICATION FOR PIPE THREADS FOR
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FOREWORD

This Sri Lanka Standard Specification was prepared by the Drafting Committee on Pipe Threads. It was approved by the Mechanical Engineering Divisional Committee of the Bureau of Ceylon Standards and was authorised for adoption and publication by the Council of the Bureau on 1974-08-28.

This standard is based on ISO/R7, Recommendation for Pipe Threads issued by the International Organization for Standardization. The nominal size of the threads is given in inch units, while the other thread details are expressed in metric units.

A recommended gauging system for jointing threads (Part 1) is given in the Appendix A and the method of using the gauges referred to in Appendix A is given in Appendix B.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, shall be rounded

off in accordance with CS 102*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

1 SCOPE

This standard specifies pipe threads as follows:

Part 1 : Jointing threads

These relate to pipe threads for joints made pressure-tight by the mating of the threads; they include taper external threads for assembly with either taper or parallel internal threads (parallel external pipe threads are not suitable as jointing threads).

Part 2 : Longscrew threads

These relate to parallel external pipe threads used for longscrews, where a pressure-tight joint is achieved by the compression of a soft material on to the external thread by tightening a back nut against a socket.

Details of thread forms, dimensions and tolerances are given, together with the method of designating each type of thread.

*CS 102 *Presentation of numerical values.*