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SPECIFICATION FOR ISO METRIC
SCREW THREADS

Part IV — Tolerancing System

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BUREAU OF CEYLON STANDARDS

SPECIFICATION FOR ISO METRIC SCREW THREADS

PART IV — TOLERANCING SYSTEM

S. L. S. 268 : 1974

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BUREAU OF CEYLON STANDARDS
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COLOMBO-3.

Sri Lanka Standards are subject to periodical revision in order to accommodate the progress made by industry. Suggestions for improvement will be recorded and brought to the notice of the Committees to which the revisions are entrusted.

This Standard does not purport to include all the necessary provisions of a contract.

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SRI LANKA STANDARD SPECIFICATION FOR ISO METRIC SCREW THREADS

Part IV—Tolerancing System

FOREWORD

This Sri Lanka Standard Specification was prepared by the Drafting Committee on Metric Screw 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 21st May, 1974.

Although this standard is not a revision of the C.S. 96, "Specification for Dimensions of Parallel Coarse Screw Threads of Whitworth Form", this standard will replace it in due course.

This standard is being issued in different parts as under

- Part I — Basic and Design Profiles
- Part II — Pitch/Diameter combinations
- Part III — Basic Dimensions
- Part IV — Tolerancing System
- Part V — Tolerances
- Part VI — Limits of sizes for commercial bolts screws and nuts.

This standard (Part IV) is based on ISO/R 965/1, "ISO General Purpose Metric Screw Threads — Tolerances, Principles and Basic Data" issued by the International Organisation for Standardization. In the preparation of this standard the assistance derived from the publications of the Indian Standards Institution is acknowledged.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value observed or calculated expressing the result of a test shall be rounded off in accordance with C.S. 102. The number of significant places retained in the rounded off value should be the same as that of the specified value.

1. SCOPE

This standard (Part IV) specifies a tolerance system for ISO Metric Screw Threads for the diameter range 1 to 300 mm. The tolerance values have been tabulated for the normal length of engagement only.

2. TERMINOLOGY AND SYMBOLS

2.1 Terminology: For the purpose of this standard the following terms shall apply.