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SPECIFICATION FOR ISO METRIC SCREW THREADS

Part I — Basic and Design Profiles

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BUREAU OF CEYLON STANDARDS

SPECIFICATION FOR ISO METRIC SCREW THREADS

Part I - Basic and Design Profiles

S. L. S. 268 : 1974

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SRI LANKA STANDARD SPECIFICATION FOR ISO METRIC SCREW THREADS

Part I—Basic and Design Profiles

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 Thread 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 Combination
Part	III	—	Basic Dimensions
Part	IV	—	Tolerancing system
Part	V	—	Tolerances
Part	VI	—	Limits of sizes for commercial Bolts and Nuts

This standard (Part I) is based on ISO/R 68: 1969 "ISO General Purpose Screw Threads, Basic Profile" issued by the International Organisation for Standardisation. 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 in this standard.

1. SCOPE

This standard (Part I) deals with basic and design profiles for ISO metric screw threads.

2. SYMBOLS

2.1 The various symbols used in this standard shall denote the quantities mentioned below against each: