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SPECIFICATION FOR DOUBLE-ENDED  
OPEN JAW SPANNERS (FORGED)

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BUREAU OF CEYLON STANDARDS

**SPECIFICATION FOR DOUBLE-ENDED  
OPEN JAW SPANNERS (FORGED)**

S. L. S. 304 : 1974

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53, DHARMAPALA MAWATHA,  
COLOMBO 3.**

## SRI LANKA STANDARD SPECIFICATION FOR DOUBLE-ENDED OPEN JAW SPANNERS (FORGED)

### FOREWORD

This Sri Lanka Standard Specification has been prepared by the Drafting Committee on Spanners. 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 31st October 1974.

Spanners of various shapes and sizes are used for the assembly of threaded fasteners. The most popular type is the open-jaw spanner which holds the hexagon on two flat sides and the jaw is at an angle of  $15^{\circ}$  to the handle.

This standard deals with the requirements for open-jaw spanners for general purposes and those for automobile industry of the type mentioned above. The difference in the torque strengths, required for spanners for automobile industry is considerable, therefore the values of testing torque for these two types are given separately.

The dimensions specified in clause 4 are suitable for use with ISO Metric Hexagon Sizes. Two sets of inch dimensions for spanners suitable for use with Unified Hexagon Sizes and Whitworth Hexagon Sizes have also been included in the Appendices. These latter sizes have been included to cater for the demand that will exist for a few years as a result of inch sized nuts and bolts which are already in service.

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 : 1971. The number of figures to be retained in the rounded off values shall be the same as that of the specified value in this standard.

The assistance derived from the publications of the Indian Standards Institution and the British Standards Institution in the preparation of this standard is acknowledged.

### 1. SCOPE

This standard covers the requirements for forged, open-jaw spanners of double-ended type for general purposes, and the double-ended higher torque spanners used in the automobile industry, which are suitable for the Hexagon Sizes specified in Sri Lanka Standard Specification for Hexagon Bolts, Screws and Nuts with ISO Metric Threads.