

**Draft Sri Lanka Standard**  
**HEXAGON BOLTS FOR GENERAL PURPOSES**  
**Part 1 - Dimensions of Product grades A and B**

**SLS 977 : Part 1 : 1992**

**Gr.**

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**FOREWORD**

This standard was approved by the Sectoral Committee on Metal and Metal Products and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on .....

Since there are several types of bolts used for different applications, a series of standards have been formulated on hexagon bolts to fall in line with the international standards published by the International Organization for Standardization (ISO). These standards comprise of the following;

**Hexagon bolts for general purposes**

- Part 1 Dimensions of Product Grades A and B**
- Part 2 Dimensions of Product Grade C**
- Part 3 Dimensions of Product Grade B - Reduced shank**
- Part 4 Dimensions of Product Grades A and B -Fine pitch thread**
- Part 5 General Requirements**

There are three grades of hexagon bolts as follows, the grading being according to the range of tolerance:

- a) Grade A - Most precise
- b) Grade B - Semi precise
- c) Grade C - Least precise.

This part deals with product Grades A and B only. Part 5 of this standard specifies, inter alia, the grading of hexagon bolts.

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 or an observation shall be rounded off in accordance with CS 102. The number of figures to be retained in the rounded off value shall be the same as that of the specified value in this standard. The Sri Lanka Standards Institution gratefully acknowledges the use of the following publication of the International Organization for Standardization (ISO) in the preparation of this standard:

ISO 4014 Hexagon bolts - Product Grades A and B.