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Hexagon socket head cap screws with metric fine pitch thread

Vis à tête cylindrique à six pans creux à pas fin



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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ISO 12474 was prepared by Technical Committee ISO/TC 2, *Fasteners*, Subcommittee SC 10, *Product standards for fasteners*.

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Introduction

This International Standard is based on ISO 21269, which has been withdrawn. The range of approval has been brought into line with the scope of ISO 898-1. ISO 21269 specified also fine pitch thread screws of $d \geq M42 \times 3$. Certain dimensions of $d \geq M42 \times 3$ were considered as screws with reduced loadability. Therefore, the dimensions $d \geq M42 \times 3$ have been omitted from this International Standard because the smallest cross-sectional area for some sizes is not located in the thread, but in the shear area between the head and the shank.