INTERNATIONAL STANDARD

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Leaf chains, clevises and sheaves — Dimensions, measuring forces and tensile strengths

Chaînes de levage à mailles jointives, chapes et galets de renvoi — Dimensions, forces de mesurage et résistances à la traction



Reference number ISO 4347:2004(E)

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Foreword

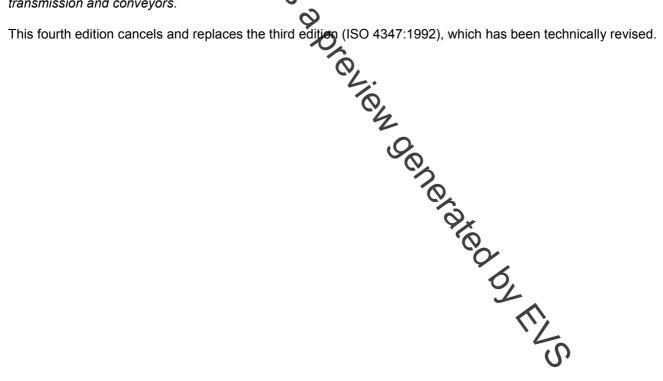
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ISO 4347 was prepared by Technical Committee ISO/TC 100, Chains and chain wheels for power transmission and conveyors.



Introduction

This International Standard includes two series of chains: one derived from the ISO 606 A/ASME B29.8 series, designated by the symbol "LH" or "BL"; the other derived from the ISO 606 B series, designated by the symbol "LL".

designated by the symbol "LH" or "BL"; the other derived from the ISO duo B series, designated by the symbol "LL". All dimensions are iven in millimetres, converted from the original dimensions given in inches.

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Leaf chains, clevises and sheaves — Dimensions, measuring forces and tensile strengths

Scope 1

This International Standard specifies the characteristics of chains used for general lifting purposes, together with the rim profiles descent and the chain attachment ends of clevises. It gives dimensions, limits for asurement, preloading and minimum tensile strengths. It is not applicable to 8×8 interchangeability, length lacing.

2 Normative reference

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited apples. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 286-2:1988, ISO system of limits and fits - Part 2: Tables of standard tolerance grades and limit deviations for holes and shafts

ISO 606, Short-pitch transmission precision roller and bush chains, attachments and associated chain (Qy sprockets¹⁾

ASME²⁾ B29.8, Leaf chains, clevises and sheaves

3 Chains

3.1 Nomenclature The nomenclature of chains is shown in Figure 1 (which does not necessarily define the actual form of the SI DU TIUS chain plates) and as given in Tables 1 and 2.

¹⁾ To be published. (Revision of ISO 606:1994)

²⁾ American Society of Mechanical Engineers