AS 3728—1989

Australian Standard®

Vibration and shock—Resilient shaft couplings—Information to be supplied by users and manufacturers

This Australian Standard was prepared by Committee AV/9, Vibration and Shock—Application. It was approved on behalf of the Council of Standards Australia on 14 June 1989 and published on 6 November 1989.

The following interests are represented on Committee AV/9:

Australian Environment Council
Australian Gas Association
Australian Rail Research Board
Confederation of Australian Industries
CSIRO, National Measurement Laboratory
Department of Defence
Department of Industrial Relations and Employment, N.S.W.
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PREFACE

This Standard was prepared by the Standards Australia Committee on Vibration and Shock—Application. It is based on ISO 4863—1984, *Resilient shaft couplings—Information to be supplied by users and manufacturers*.

Resilient shaft couplings are generally introduced into transmission systems to provide a degree of protection from shock or to tune out vibrations. Some couplings can also accommodate misalignment. However, misalignment is considered in this Standard only in respect of its effect on the operation of the couplings. Introduction of a resilient shaft coupling into a transmission system will affect the system characteristics. It is recommended, therefore, that the choice of a coupling for complex transmission systems be based upon a comprehensive analysis of the complete system. This Standard is applicable to resilient shaft couplings which are usually used in a transmission system in order to minimize shock and vibration. It does not specify dimensional requirements for either shafts or couplings.

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