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TNI	**Kozmická technika Príručka o konštrukčných materiáloch Časť 5: Nové pokrokové materiály, pokrokové kovové materiály, všeobecné konštrukčné aspekty a prenos zaťaženia a návrh spojov**	**TNI CEN/TR 17603-32-05** 31 0540

Space engineering - Structural materials handbook - Part 5: New advanced materials, advanced metallic materials, general design aspects and load transfer and design of joints

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Space engineering - Structural materials handbook - Part 5: New advanced materials, advanced metallic materials, general design aspects and load transfer and design of joints

Ingénierie spatiale - Manuel des matériaux structuraux - Partie 5 : Matériaux avancés nouveaux, matériaux métalliques avancés, aspects généraux de conception, transferts des charges et conception des jonctions

Raumfahrttechnik - Handbuch der Konstruktionswerkstoffe - Teil 5: Neue fortschrittliche Werkstoffe, fortschrittliche metallische Werkstoffe, allgemeine Konstruktionsaspekte und Lastabtragung und Auslegung von Verbindungen

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European Foreword

This document (CEN/TR 17603-32-05:2022) has been prepared by Technical Committee CEN/CLC/JTC 5 “Space”, the secretariat of which is held by DIN.

It is highlighted that this technical report does not contain any requirement but only collection of data or descriptions and guidelines about how to organize and perform the work in support of EN 16603-32.

This Technical report (CEN/TR 17603-32-05:2022) originates from ECSS-E-HB-32-20 Part 5A.

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This document has been developed to cover specifically space systems and has therefore precedence over any TR covering the same scope but with a wider domain of applicability (e.g.: aerospace).

Introduction

The Structural materials handbook is published in 8 Parts.

A glossary of terms, definitions and abbreviated terms for these handbooks is contained in Part 8.

The parts are as follows:

TR 17603-32-01	Part 1	Overview and material properties and applications	Clauses 1 - 9
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TR 17603-32-05	Part 5	New advanced materials, advanced metallic materials, general design aspects and load transfer and design of joints	Clauses 46 - 63
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