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Titolo	Technological Aspects of Manufacturing and Numerical Modelling of Clinch-Adhesive Joints // by Tomasz Sadowski, Tadeusz Balawender, Przemyslaw Golewski
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Soggetti	Manufactures Materials science Light construction Steel construction Lightweight construction Mechanics Mechanics, Applied Manufacturing, Machines, Tools, Processes Characterization and Evaluation of Materials Light Construction, Steel Construction, Timber Construction Solid Mechanics
Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1 Introduction -- 2 Clinching technology -- 3 Ability to clinching Influence of contact conditions on forming process and strength of clinched joints -- 4 Adhesive bonding and adhesive type bonding joints -- 5 Numerical model applied for modeling of simple and hybrid joints -- 6 Clinch-adhesive joints -- 7 Summary.
Sommario/riassunto	This short book describes the basic technological aspects involved in the creation of purely clinch and clinch-adhesive joints made of different types of adherent materials and employing different joining technologies. Basic parameters that need to be taken into account in

the design process are also presented, while a comparison of experimental testing of the hybrid joint with simple clinching for a combination of different joining materials underlines the advantages of opting for hybrid joints. The book's conclusions will facilitate the practical application of this new fastening technology.
