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international codes (Eurocode) and technical literature.

Design Spreadsheets - Mechanicals

Welcome to the home of Excel in Mechanical Engineering! We are a University of Alabama research team funded by the National Science Foundation. Our intention is to develop a set of computational and organizational tools to be used in the thermodynamic and heat transfer courses taught in the University of Alabama's Mechanical Engineering department.

Mechanical engineering and Excel - -Engineering ...

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I'm a licensed professional engineer with a degree in Mechanical Engineering and over a decade of practical experience building engineering applications in Excel. My goal is to help you learn how to turn Excel into a powerful engineering tool.

MechaniCalc: Quick & Intuitive Calculations for Mechanical ... Mechanical Engineering Design Spreadsheet Toolkit (contains more than 250 calculation spreadsheets) ... Microsoft Excel Solver for Engineering Optimization ... Fundamentals of Mechanical ...

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Excel Calculators - Engineers Edge

I'm in the structural design area, rather than mechanical, but the requirements for design tools would be similar. I use a couple of FEA programs (Strand7 and in-house program), then for everything else I use spreadsheets (mostly Excel, but a few Lotus 123 which still do the job they were designed for).

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Engineering-xls: Mechanical

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MITCalc - Mechanical, Industrial and Technical ...

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Handbook of Mechanical Engineering Calculations

The designer must understand the assumptions and calculations contained in the spreadsheets and is responsible for their use. Most if not all spreadsheets contain macros. Many engineering

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spreadsheets are available for use. CAD drawings are available in the Wisconsin engineering CAD drawings section. These documents require Microsoft Excel.

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