

Design for Machining

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Concurrent engineering plays an important role in manufacturing. Cooperation among all factors relating to the realisation of products is now necessary. Production costs represent about 40% of the selling price of products and therefore design for production and for other aspects is very important

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REFERENCES

- [1] Black, R.: *Design and Research*. Macmillan Press, London: 1966.
- [2] Helgason, M.: *CAD Integrated Control*. Linköping University, Linköping, 1998.
- [3] Boothroyd, G., Knight, W. A.: *Fundamentals of Machining and Machine Tools*. Marcel Dekker, Inc., New York and Basel, 1989.
- [4] Black, R.: *Design and Manufacture*. Macmillan Press, Houndmills, Basingstoke, Hampshire RG21 6XS and London, 1996.
- [5] Kalpakjian, S.: *Manufacturing Engineering and Technology*. Addison-Wesley Publishing Company, Reading, Massachusetts, 1995.
- [6] Mádl, J., Vrabec, M.: *Technologičnost konstrukce z hlediska obrábění*, UJEP, UTRV, Ústí nad Labem, CZ, 1980
- [7] Mádl, J.: Manufacturing Processes, Management Accounting and Controlling, *Manufacturing Technology*, Vol. 4, p. 37-39. ISSN 1213-2489