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Res. Agr. Eng.

Herák D., Karanský J., Chotěborský R.: Utilisation of the method of stress limit

for designing the motion screw dimensions

A design of the motion screw using the method of stress limit is described. Further general formulas are induced to design such kind of screws, applied to an example of 11500 (EN ISO E295) steel made screw, strained by static operational force. Safety equations to prevent screw