

Title (en)
BIMETALLIC SCREW WITH MARTENSITICALLY HARDENABLE STEEL

Title (de)
BIMETALLSCHRAUBE MIT MARTENSITISCH HÄRTBAREM STAHL

Title (fr)
VIS BI-MÉTAL EN ACIER MARTENSITIQUE DURCISSABLE

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Abstract (en)
[origin: CA3090053A1] The invention relates to a method for producing a bimetallic screw having a tip element and a drive element, in which a first blank comprising a steel having 0.07 to 0.14 wt.% of carbon, 13 to 15 wt.% of chromium, 1.3 to 1.7 wt.% of molybdenum, 1.5 to 2.0 wt.% of nickel and 1.0 to 1.5 wt.% of manganese is provided and the tip element is produced from the first blank. The invention further relates to a bimetallic screw having a tip element and a drive element, wherein the tip element and the drive element have a different material composition, and wherein the tip element has at least in regions a steel having 0.07 to 0.14 wt.% of carbon, 13 to 15 wt.% of chromium, 1.3 to 1.7 wt.% of molybdenum, 1.5 to 2.0 wt.% of nickel and 1.0 to 1.5 wt.% of manganese.

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