

Title (en)
ROLLER FOR MACHINING METAL FOIL

Title (de)
WALZE ZUR INDUSTRIELLEN VERARBEITUNG VON METALLFOLIEN

Title (fr)
CYLINDRE D'USINAGE DE FEUILLE MÉTALLIQUE

Publication
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Application
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Abstract (en)
A metal foil machining roller of the present invention is a metal foil machining roller in which a plurality of recessed portions are formed on a circumferential surface of the roller, wherein at least a surface layer portion contains a metal material with a Rockwell hardness in A scale of HRA 81.2 to 90.0 and a transverse rupture strength of 3 GPa to 6 GPa. By pressure-molding a metal foil by using the metal foil machining roller, protrusion portions of an approximately uniform shape with dimensions of several microns to several tens of microns can be formed efficiently on a surface of the metal foil on an industrial scale.

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