

Kotuček, M.: Design of welding parameters of high-strength steel by laser

Hrubša, D.: Effect of feed rate and axial and radial depth of cut on machine load at rotary ultrasonic machining

Hudcovský, P.: Design and production preparation for mounting non-rotating components in terms of company JAMP SVORADA Ltd.

Jakal, Ľ.: Design and production of a tool for the production of profile tubes

Jurča, M.: Design of new cage solution of silentblock

Jurkovský, R.: Mechanical properties of new molding materials

Silná, V.: Design of a component base for a robust production system with a robot

Szabo, A.: The impact of measurement strategies on the coordinate measuring machine based on the accuracy of the measured values

Šarmír, Laliová, V.: FEM calculation of hydrobushing

Šedík, M.: Design and manufacturing of dental prosthesis on machining centre DMG Ultrasonic 20 linear

Špánik, J.: Projection of a rescue render prototype

Matieska, R.: The suggestion of shut off valve for creating tramlines during sowing

Michálik, .: The fracture mechanics simulation tasks in the program ANSYS

Nad', A.: Design of a filtration device for refining the coolant in the reactor pressure tank

Nídel, M.: Integration draft of packaging device into production operation of company IBA CHEMOLAK, s.r.o.

Nikodém, R.: Lubrication effect on the life of plain bearings 82K5214 compressor with variable load

Karaba, P.: The technical possibilities of securing and controlling the eccentric press in ELPOTECH, spol. s r. o. Trnava

Kišac, T.: The Procedure Proposal of NC Programmes Creation of Prismatic Components Parts in CATIA Environment Aimed for Sinumeric 840D System

Kojdiak, M.: Process innovation of batching dry plastic materials in the manufacturing of extruding plastic cast in extruders

Koniar, J.: Analysis and improvement of logistics activities with the use of simulation methods

Mareček, M.: Ideological draft of a single – purpose milling machine

Paločko, S.: 3D design of packing conveyor line from company MODPACK for packing car bulbs between the carousel and palletization

Paukeje, K.: Design of the station for pressing metal circles for ball joint.

Pelikán, A.: Modernization of the application of sealing material using a robot in the „FAD“ line in Volkswagen Slovakia a.s.

Podolák,M.: Simulation of robotic workplace for riveting and gluing in t-mech engineering Slovakia, Ltd.

Pribyl,D.: The possibilities and conditions for the implementation of the philosophy of Industry 4.0 into the ICIM

Gemeri,P.: Design of machine vision system for control the welding of the packaging machine bags for company J.Vince, s.r.o.

Hiller,E.: Simulation process of robotic welding workstation using Tecnomatix Process Simulate software for Robotech Slovakia, s.r.o company

Ďuriš,J.: Proposal actions for the improve OEE in the partially automated assembly in ZF Slovakia, a.s.

Fajnor,M.: Proposal equipment for rolling plates of manganese alloys

Frankovič,B.: Completion of the training site based on the Robot IRB 120

Gažica,J.: Simulation of activity of line for suspension of compressors of holders for paintcoat needs in CATIA V5

Bašovský,O.: Proposal of tooling for usage of inovative riveting technology

Bíró,V.: Examination of surface properties of the cutting area depending on the cutting parameters of the abrasive water jet

Bolebruch,M.: Change the concept of checks and packing needle bearings after filling the GFK lines

Hložková,B.: Change the concept of checks and packing needle bearings after filling the GFK lines

Igaz,R.: Design of a wire temperature measuring appliance

Ištván,M.: Chocolate bar secondary wrapping into the packages

Janiček,M.: Operational Reliability of Precision Cross Winder in the Conditions of Johns Manville Slovakia a.s.

Juríček,J.: Creation of additional assembly device within production-assembly system ICIM

Kalmán,Z.: Rationalization of the energy management of the RHC production unit in the company Slovnaft a.s.

Lang,M.: Rationalization of production technology of dividing punches

Lazár,B.: Numerical simulation of the forging process of components via FEM

Macko,L.: Suggestion of design changes on the back armrest in order to reduce the cost of the product

Macháček,J.: Simulation of technological bending process in DEFORM simulation program

Marenčík,M.: Design of a semi-automatic KOMAX semi-automatic assembly line at Semikron, s.r.o.

Martinec,M.: The influence of generating STL models in final accuracy in X - ray tomography

Matovič,M.: Comprhensive design of the end effector of industrial robot

Mikula,P.: Deformation process in the chip root from milling

Nesnadný,J.: Optical method for measuring the deformation of thin-walled parts

Netsch,L.: Optical method for measuring the deformation of thin-walled parts

Petrík,L.: Design of robot installer facilities for centrifugal pumps TBH 200 Pompetravian

Kubala M.: Creation of CAD models by Reverse Engineering

Kulifaj M.: Design and production of clamping modular system components

Lánik,F.: Reduction of defects on the MAIER CNC turning lathe in the production process at Schaeffler Skalica

Príbela,F.: Design and manufacture prototype of rectification device

Rancsó,B.: Možnosti laserového obrábania pri výrobe štruktúrovaných povrchov foriem pre plastové súčiastky

Podstrelený,R.: The design and production of clamping fixtures for a complex shape component in terms of CE-tech, s.r.o. company

Molnár,T.: Complex design of mold for plastic molding

Krajčík,L.: Effect of Machining Parameters on Deformation of Thin-Walled Component

Krajmer,A.: Design of CAD/CAM Systems for Ultrasonic Inspection of Austenitic Steel Welds under the Conditions of NPP Jaslovské Bohunice

Gergel.Z.: Tools for thin-walled parts machining

Horváth,F.: Design of a preparation for the assembly of clamps

Gabriš,J.: Rectification of rotary tools cutting edge by drag finishing on rectification device prototype

Troška,M.: Simulation of robotized operation at KUKA Systems Slowakei, spol. Ltd

Turák,M.: Proposal of a hydraulically controlled gearbox for a special superstructure tower

Varga,P.: The effect of voxel size on the final accuracy of the scanned object in the X - ray tomography

Zduch,M.: Design of the measurement plan for measuring clutch housing on coordinate measuring machine

Zvončan,J.: Design of a hydraulic bushing with low dynamic stiffness

Zboril,A.: Postprocessing and simulation of machine ULTRASONIC 20 linear in application FeatureCAM

Moško,R.: Simulation of the poly-crystalline material structure using the CAD methods

Németh,F.: Roughness of the machining surface at the ball end milling

Nemček,T.: Optimalization of the production of side and door profile of wardrobe in company AJ Metal Desing a. s.

Žitniak,J.: Innovation of Injection Mold by CA Systems

Šipkovský,R.: Modification of ATF machine tool for machining piping in primary circuit in nuclear power industry

Švorc,A.: Modification of ATF machine tool for machining piping in primary circuit in nuclear power industry

Tomašák,R.: Project – application of handling gripper

Vávra,E.: Solving the problem of spreading needle bearings by using rubber

Sekera,L.: Simulation of kinematic mechanism of vehicle axle repair using CATIA V5

Štefan,Š.: Powerful generator for ultrasonic supported machining used in metalworking of various alloys

Zahoranová,A.: Powerful generator for ultrasonic supported machining used in metalworking of various alloys

Zlatohlávek,M.: Algorithmization of material flow in iCim 3000

Teplan,F.: Ideal design of modular machine tools in the production line

Blaško,F.: Application of methods of precise forging in production of a tower forging with a support of an FEM simulation

Brezovský,T.: Streamline assembly workstation in company HB STEEL, s.r.o.

Budai,T.: Numerical simulation of deformation processes in the cold drawn production of seamless tubes using /Finite Element/ Analysis

Badinka,R.: Strategy propose of the tool path for manufacturing a square shaped hole

Barbušín,M.: Deformation process in the root of the chip in turning

Barták,A.: Design and producing of tool for creating lubrication grooves on selected component

Bielko,T.: Cutting tool wear during copying milling

Buchtík,J.: Simulation of production process stainless steel pipes by means of FEM

Cák,D.: Production of thin-walled parts of ceramic materials using ultrasonic vibration

Czermak,E.: Draft measuring plan for measuring gear mechanism on the coordinate measuring machine

Čapkovič,M.: Design and manufacture of orthosis using CA technologies

Čepko,V.: Design and manufacture of orthopedic aids using CA technology

Daniš,J.: The rationalization of assembly workplace in company ZF Slovakia a.s., Trnava

Flux,M.: Optimalization of the process of flat grinding on CNC grinder JUNG

Bernadič,P.: Material ratio curves of surfaces by different cutting tool inserts geometries

Dobry, D.: Increasing of forging tool lifetime

Doupníková,L.: Influence of Cutting Environments on Cutting Tool Life

Fábry,A.: Laser texturing effect on resistance to abrasive wear

Gubrický,B.: The effect of clamping on the roundness on the turned surface

Ludrovcová, B.: Analysis of Rolling Processes and Bloom's Internal Defects

Zemková, M.: Optimization of the surface marking of the car clutch by laser beam in the conditions of ZF Slovakia

Kapsa, P.: Influence of movement of the metal spinning tool on the qualitative characteristics of spun parts

Krajčová, A.: Evaluation of plastic deformation in the forming process

Dóci, A.: Surface strengthening of selected aluminium alloys using FSP method

Gašparík, L.: The influence of electron beam welding parameters on the properties of aluminium alloy weld joints used for the aerospace industry

Gatyáš, M.: Optimization of welding technology for materials with conditional weldability in the KNOTT company

Bučka, P.: Study of the properties clads created by arc technologies

Cích, B.: The influence of disk laser welding parameters on the properties of Ti6Al4V titanium alloy weld joints properties

Beňuš, P.: The technology of robotic cladding by CMT process for creating 3D models

Ambroš, A.: Welding of modern aluminum alloys with laser beam

Gažo, J.: Robotic welding by FSW

Gunár, M.: Interaction of solder when applying active ultrasound

Hogh, M.: Spájkovanie keramických a kovových materiálov pomocou ultrazvuku

Išpold, K.: The study of properties of the two-phase Ti alloy Grade 5 welded joints produced by electron beam

Jakab, A.: Welding of titanium in combination with various metals using laser beam

Kníž, M.: Non-destructive inspection of welded joints of aluminium alloys using the radiography method

Seneši, J.: Study of component properties created by Associated Production Technology

Skačan, M.: Study of properties of welding joint of alluminium alloys made by an electron beam

Soóky, D.: The influence of electron beam oscillation pattern on the AZ31 magnesium alloy weld joints properties

Štancel, R.: The proposal of the technology of reparation of heterogeneous welded joints in nuclear energetics

Zemko, L.: Study of the properties of welded joints of high strength steels

Šafáriková, J.: The impact of movement of the beam and the input heat to the properties of welded joints made out of super-duplex steels by electron beam

