

Thesis UVTE

ONDREJÁK, Michal. Influence of 3D printing parameters on parts quality

FORROVÁ, Dominika. Sheet metal forming processes optimization in the company AJ Metal Design, a.

VALÚCH, Samuel. Design and manufacture of drilling tools

TOMÁŠEK, Pavol. Guidance of RS KUKA KR700 based on output of vision system in Schaeffler, spol. s.r.o., company

TRNKA, Juraj. Design and production of components for diode laser projector with series manufacturing optimalization

ŠVANTNER, Tomáš. Numerical simulation of the process of induction brazing of thin-walled tubes

SLOBODA, Tomáš. Burns occurrence prevention by recess grinding of the face of an ring

ŠLOCHAROVÁ, Lenka. Optimization of technological process of hardfacing used for renovation of forging tools

RADOŠOVSKÝ, Andrej. Design for the implementation and optimization of the assembly line at COAVIS Slovakia, s.r.o. Hlohovec

REHUŠOVÁ, Erika. Optimization of machining of forgings under the conditions of HKS Forge, s.r.o.

KUČERA, Tomáš. Influence of material on formability and quality of pressed parts for parts produced in automotive industry

MADAROVÁ, Iveta. Solderability research of surface-treated nickel and TiAlV alloy

ONDRIŠKA, Ondrej. Design of Ti - Ti soldering parameters

OPATÍK, Viktor. Design for assembly of a plastic recycling plant

OZÁBAL, Dávid. Rationalization of production of forgings under the conditions of HKS Forge s.r.o. Trnava

PACKA, Emil. Optimization of the production of the hydrodynamic converter in company ZF Slovakia,

PÄTOPRSTÝ, Boris. Design and production of components for the scooter prototype using CA Technologies

POČUCH, Martin. Cutting edge preparation at drag finishing on the prototype of rectification device

VETRO, Martin. Design and assembly of 3D model of clamping device for welding in the Automotive industry

VITTEK, Marek. Comparison of conventional machining with high feed machining in terms of wear of surface quality

RENDEK, Roland. Influence of Fused Deposition Modeling Parameters on Mechanical Properties of Produced Parts

RUBANINSKÝ, Marek. Correction of mould dimensions for plastic moulding using computer simulation

RYBÁRIK, Ján. Durability of cutting tools

OSUSKÝ, Peter. Design of automation of the noise measurement of bearings using a robotic arm

PAPŠO, Šimon. The usage of software DEFORM for stimulation of the technological grinding process

MARUŠINEC, Ján. Design of assembly of an automated station arm for setting and clamping of a welded part of a car body

MIČKO, Rastislav. Design and manufacturing of tools for thinwalled parts milling

PREKOP, Filip. Design of a measurement plan for the measurement of the hub on a coordinate measuring machine

REMŠÍK, Ladislav. Design of laser cutting parameters using numerical simulation

VOZÁR, Marek. Comparison of conventional machining with high feed machining in terms of dimensional accuracy

ZIČHO, Peter. Design and manufacturing of commemorative medal

MARKUŠ, Matej. Design of a new welding clamping device for ABB robotic workstation for racking beam at AJ Metal Design a.s.

MIKULA, Michal. Comparison of conventional machining with high feed machining in terms of wear of the cutting tool

ŠTEFÍČEK, Tomáš. Optimization of drag finishing process parameters on the prototype of rectification device

ŠTEFULA, Peter. Design and production of the mounting box for the fixing components for the RJ45 connector

ŠATKA, Daniel. Improving the efficiency of the 3D milling process of die casting molds at Matador Tools, s.r.o.

SOLLÁR, Lukáš. Optimization of warehouse layout in company HOPI SK, s.r.o. Senec

TOMAŠOVIČ, Andrej. Optimization of the production of the digester in company FOR Clean, a. s.

ŠURYOVÁ, Daniela. Design of soldering technology for titanium - nickel combination

URBANOVSÁ, Zuzana. Rationalization of chair assembly

ŽÁRSKY, Martin. Regeneration of ethylene unit - welding of furnace tubes

ČIRKA, Peter. Balancing analysis of the L2 Dual-mass Flywheel assembly line as the base for time analysis and optimization in the company ZF Slovakia, a.s., Trnava

HORVÁTH, Filip. Development of a single-purpose pneumatic device for pressing the chrome strip

HUJOVÁ, Lucia. Ultrasonic welding in electrical engineering

HVOLKOVÁ, Karina. Use of selected methods of quality improvement at department Operations of firm ZF Slovakia a.s.

KOVÁČIK, Milan. The introduction of a new product in the company IKEA Industry Slovakia Ltd., Trnava

KORMÚTH, Viliam. Design of a hydraulic bushing with flexible hydraulic system

BUGÁR, András. Proposal of a clamping device for a multi-axis machining center

BOČÁK, Róbert. Design of robotized workplace in Kuka Systems Slovakia, Ltd.

BENDA, Tomáš. Design of a measurement plan for the measurement of a housing center component on a coordinate measuring machine

BITALA, Filip. Analysis of laser welding of high-strength steels using numerical simulation

JURÍK, Patrik. Analysis of cavity shape impact on the forging tool using FEM simulation

KONÍČEK, Lukáš. 3D Digitization of Selected Car Seat Components

KUBÁŇ, Lukáš. Design and manufacturing of mountain bike rear suspension component

KUMPÁN, Jakub. Reverse engineering of sheet metal parts

KOVÁČIK, Ivan. Simulation and creating dispositional solution of automated welding workplace in T-Mech Engineering Slovakia s.r.o.

HIREŠ, Vladimír. The rectification of cutting edges

JÓKAI, Marek. Strength analysis and design improvement of the machine construction

CIBULKA, Mário. Using of software PowerMill for control 3D printing head

GUBIEN, Tomáš. Creation of a simulation for the automation of the production line for manual welding of „E-UP subgroups at NSF " at Volkswagen Slovakia, a.s.

KRÁLUS, Peter. Design and production representative parts for the subject Computer Aided Design and Manufacturing Studio II

BABUŠEKOVÁ, Lucia. Formability and forming of welded semifinished products

BACHRATÝ, Peter. Analysis of Hardox steels bending process

HETTEŠ, Štefan. Availability of production technologies "FDS and RES" in joining the hybrid body at Volkswagen Slovakia, a.s.

PROCHÁZKA, Juraj. Design of laser welding nickel technology

MIHALIČKA, Martin. Study of nickel weld joints created by electron beam

MIHÁL, Gabriel. Ultrasonic soldering of composite with ceramic

SEDLÁK, Marek. The proposal for the technical measures for the installation of the assembly line into production

SÝKOROVÁ, Jana. Improvement of the pre-expedition final production labeling process supported by the use of simulation in the company Schaeffler Skalica, s.r.o.

ŠEVCECH, Adam. Design of an end effector for industrial

MURČO, Miroslav. Design of bevel machine drive for bevel production of welding joints on piping systems

SLAMOVÁ, Jana. Direct soldering of AlN ceramics by use of solders type Sn-Ag-Ti and In-Ag-Ti

REMENÁR, Matúš. Electron beam welding of thick sheets ALi alloy

SUCHOŇ, Marek. Increasing the efficiency and reducing the cost of repairing the weld joints on tram subassemblies

HUDEK, Juraj. The importance of cross wedge rolling for economical production of drop forgings with longitudinal shape

KARNASOVÁ, Katarína. Plasma Polishing of Steel with a Higher Carbon Content

JURÍK, Dušan. Manipulator for the tightness control of the PG heat exchanger tube by bubble and helium method

CHOCHOLÁČEK, Erik. Design of pneumatic cutting of the casting for press Krauss Maffei Cx MC6 in Ronson Plastics, s.r.o. Myjava

JANIC, Matúš. Construction design and control of a beveling machine for production of bevels for pipe welding joints

DVORÁK, Denis. Implementation of lean and autonomous maintenance on PKW operations at ZF Slovakia, a.s. , Trnava

HATYINA, Martin. Design and simulation of a robotized workstation for the application glue on plastics parts in the company ANTOLIN TRNAVA s.r.o., Trnava

PEKAROVIČ, Alan. Automatic gripper element replacement on gripper in robotic training center based on the IRB 120 robot

REPKA, Pavol. Design of 3D printer

KARABA, Róbert. Current situation of Logistics 4.0 in the Slovak Industry and proposal of a general methodology for its development and implementation

MAHAJ, Ondrej. A layout of an automatic tightening equipment

MORBACHER, Patrik Positioning table design

ONDICA, Samuel. Utilization of the virtual reality in the design of production - assembly systems using support simulation software

MIKULÁŠEK, Ľuboš. Design of an automated measuring cell for quality control by optical measurement systems

MARCELL, Martin. Design of the didactic pneumatic panel "Motion Terminal" in the strategy of Industry 4.0

MALÍKOVÁ, Marta. Laser beam machining of biocompatible powder metalurgy Ti compact

MOŠKO, Anton. The influence of the laser texture element shape on the tribological properties in the forming processes

SOKOLOVÁ, Jana. The analysis of laser machined surfaces

BABIŠ, Adam. Optimization of workplace obrobňa in Ekom Ltd.

ZVONÁR, Martin. Production design of gear

BLAŠKO, Ivan. Laser micromachining of sintered carbide

DUCHOSLAV, Martin. Analysis of machining of the stainless steels

NOVOTNÝ, Tomáš. Optimization of the drop forging shape for production of Flange part

RICHNÁK, Marek. Optimization of laser cutting parameters

JALAKŠA, Rastislav. Design of a system for ultrasonic mechanized testing of austenitic welds by Phased Array

IVANOVIČOVÁ, Lucia. Electron beam welding of Monel 400

CHNÁPKO, Marek. Laser beam welding of titanium

HUDEC, Patrik. Analysis of the microstructure and mechanical properties of weld joints of aluminium alloy for aerospace industry

FRIDRICH, Matej. Verification of the shape and size of real inhomogeneities measured by the non-destructive method of the eddy currents on steam generators

CYRULOVÁ, Zuzana. Suggestion for ergonomic optimisation of the V2 assembly line

KAMZÍK, Matúš. Analysis of nickel superalloy samples prepared by additive MIG/MAG - CMT technology

LOPATKOVÁ, Michaela. Welding of heat exchangers for automotive industry

BOHUNICKÝ, Stanislav. Monitoring and comparison of manual and machine welding MAG

BLŠŤÁK, Matúš. Electron beam welding of high strength steel

GARDIAN, Juraj. Electron beam welding of ALi alloy thin sheet

BULAVA, Boris. Bonding of AlN ceramics with copper by use of solder type Zn-Al-Mg

BOKOR, Matej. Welding of TiZn alloy using laser beam

HROBÁR, Ján. Influence of post weld heat treatment on the properties of weld joints of AW2099 Al-Cu-Li alloy

HORNÍK, Filip. Proposal of titanium welding parameters by electron beam

