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Performance Specifications - A Product Engineering Process Specification Alternative
Wieland, R.C., Advanced Material Process Corporation, USA

Computer Integrated Manufacturing for the Shot Peening Industry Implemented in an Empowered Environment
Vincek, M.R., Advanced Material Process Corporation, USA

True Capability - A Statistical Process Control Concept Quantitatively Linking Product Variability with Process Variability
Simpson, R.S. Advanced Material Process Corporation, USA

A Statistical Analysis of the Internal Statistical Capability of Several Common Controlled Shot Peening Specifications
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Determining Quantitative Relationships Between Shot Peen Process Parameters and Workpiece Fatigue Strength
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Application of Statistically Capable Shot Peening to Automotive Component Design
Garibay, R.P. Advanced Material Process Corporation, USA

Almen Gauge Accuracy
Charnpaigne, J. The Shot Peener, USA

Characterisation of Shot Peened Surfaces
Wieser, H. & Zitter, H. University of Mining & Metallurgy, Austria

Solution of Mechanical and Control Problems by the Dynamic Condensation Method
Ishtev, K., Technical University, Sofia, Bulgaria

Effect of Shot Peening on Fatigue Strength of Titanium Alloy
Hanyuda, T. & Nakamura, S., Daido Steel Co., Japan

Shot Peening Media - Its Effect on Process Consistency and Resultant Improvement in Fatigue Characteristics
Gillespie, R. Premier Shot Co., USA

Dynamic Nonlinearity in Shot Peening Mechanics: Shakedown Analysis
Al-Obaid, Y.F., College of Technological Studies, Kuwait

Effect of Nonmetallic Inclusions on Fatigue Strength of Carburized and Shot Peened Gear Steel
Kagawa, H. and Ishiguro, M. NKK Corporation, Japan

Shot Peened Surfaces and Boiling Heat Transfer
Sharma, M.C. & Deepak, M.A.C.T., India

Experimental Investigations of Mass Flow Control of Shot in Pneumatic Systems
**Nadkarni, V.S., Sharma, M.C. & *Sharma, S.G., *G.E. College, India*

A Mathematical Approach Considering Effect of Surface Roughness on Evaporation Time of Liquid Drops From Hot Surfaces
Sharma, S.G. and Sthapak, B.K., G.E. College, India

Effect of Shot Peening on Delayed Fracture of High Strength Steel
**Watanabe, Y. and **Hasegawa, N. *Toyo Seiko Co. & **Gifu University, Japan*

Effect of Shot Peening on Fatigue Strength of Carbon Steel at Elevated Temperatures
***Hasegawa, N., *Watanabe, Y. and ***Kato, Y. ***Daido Institute, Japan*

The Fatigue Behaviour, Residual Stresses & Microstructure of Carburised and Shot Peened Layers
Nakonieczny, A. Institute of Precision Mechanics, Warsaw, Poland

A Comprehensive Effect Theory for Prediction & Optimisation of Fatigue Improvement Induced by Shot Peening
Jinkui, L., Shenping, W. & Mei, Y., Harbin Inst. of Technology; Renzhi, W. & Xiangbin, L. Inst. of Aero. Mat., P.R. China

Effects of Shot Peening on the Fatigue Strength of Notched Specimens
Shenping, W., Mei, Y., Renzhi, W. and Xiangbin, L., P.R. China

Fatigue Strength of Carbonitrided and Then Shot Peened Steels
Shenping, W., Mei, Y., Renzhi, W. and Xiangbin, L., P.R. China

Study on Residual Stress Improvement by Water Jet Peening
Mochizuki, M., Enomoto, K., Sakata, S., Kurosawa, K. & Tsujimura, H. Hitachi Ltd. and Ichie, Z. Sugino Machine Ltd., Japan

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Obatu, M. and Sudo, A., Toshiba Corporation, Japan

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Iida, K. and Tosha, K., Meiji University, Japan

The Analysis of Shot Velocity Thrown from the Nozzle and Bladed Wheel
Iida, K., Meiji University, Japan

Aged Aircraft - Fatigue Enhancement & Corrosion Control by Controlled Shot Peening
Thompson, R., Metal Improvement Co. Inc., U.K.

Thermal Relaxation of Shot Peening Induced Residual Stress in a Quenched and Tempered Steel - 42 CrM0 4
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The Effect of Shot Peening on Fatigue Properties of a Die-Cast Aluminium Alloy

Kurth, B., Bornas, H. and Mayr, P., Insitut für Werkstofftechnik, Bremen, Germany

Vibration Behaviour of Flat and Shot Peen Formed Metal Sheets by Using of Different Coupling Conditions

Clausen R., Meding, M. and Garbers, N.

High Precision Shot Peen Forming

Kopp, R., Wüstefeld, W. and Linnemann., IBF, Rheinisch-Westfälische Technische Hochschule, Aachen, Germany

Effect of Shot Peening on the Thermodynamic Properties of Piping

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Comparison of Shot Peening Residual Stress Distributions in a Selection of Materials

Ezeilo, A.N., Webster, G.A., I.C.S.T., U.K. & Webster, P.J., Salford University, U.K. and Webster, P.S., Rolls-Royce, U.K.

Peening Residual Stresses in a Cold Worked 17Cr-7Ni Stainless Steel and Their Relaxation by Applied Stress

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Influence of Temperature of Shot Peening on Fatigue Life

Schilling-Praetzel, M., Hegemann, F. and Gomez, P. Hoesch Indusa, Madrid, Spain & Gottstein, RWTH Aachen, Germany

Evaluation of Quality in Shot Peened Components with Barkhausen Noise

Suominen, L. and Titto, K., American Stress Technologies, Inc. USA

Influence of Inclusions on the Fatigue Strength of Shot Peened Carburized Steel

Toyoda, T., Kanazawa, T. and Hisamatsu, S., Isuzu Motors Ltd., Japan

Stress Peening of Coil Springs for Vehicle Suspensions

Mueller, E., Hoesch Fedem GmbH, Germany

Quality Control of Shot Using Sieve Analysis

Bøhn, P., Norsk Jetmotor AS

Effect of Shot Peening on Fatigue Life of Notched Components

Akber, J., Kyriacou, S. and El-Zafrany, A., Cranfield Institute of Technology, U.K.

Shot Peen Forming

Tyler, D., Metal Improvement Co. Inc., U.K.

Measurement of Shot Velocity

Jouet, F., Wheelabrator Allevard, France, and Lecoffre, Y., Helispire, France

Influence of the Ageing of Cast Steel Shot on the Fatigue Strength of Shot Peened TA6V and 40 NSCD 7

Bertoli, A., Heurchrome, France and Flavenot, J.F., CETIM, France

Interactive Shot Peening Control

Kirk, D., University of Coventry, U.K.

Optimization of the Residual Stresses Induced with Laser-Shock Surface Treatment and Fatigue Life Improvement of 2 Cast Aluminium Alloys

Peyre, P., CETIM-LALP, Merrien, P. & Lieurade, H.P. CETIM, Fabbro, R. LALP, Bignonnet, A. Peugeot SA and Ballard, P. LMS, France

Shot Peening and Other Mechanical Surface Treatments - Current Trends and Future Prospects

Lu, J., Peyre, P., Omam, C., Benamar, A. and Flavenot, J.F., CETIM, France

Efficiency of the Improvement Techniques on the Fatigue Strength as a Function of the Type of Welded Joint

Lieurade, H.P., Castelucci, P., Flavenot, J.F., Lu, J. and Bel, G., CETIM, France

Effect of Residual Stresses Produced by Mechanical Means on the Fatigue Life of Welded Structures

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The Effect of Sand Blasting on the Fatigue Strength of Laser Surface Hardened Steel

Majid, M.A., Hussain, L.B. and Alani, S.K., University of Technology, Bagahdad, Iraq

Shot Peening Effect on Fatigue Crack Initiation of Surface Notches

Ferreira, J.A.M., Borrego, L. and Costa, J.D.M., University of Coimbra, Portugal

Theoretical Approach & Application of Shot Peening Residual Stress Predictions using "Peenstress" Software

Castex, L., ENSAM, France and Guemic, Y.L., Metal Improvement Co. Inc., France

A Tribute to Benjamin Chew Tilghman

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Fatigue Behaviour of Shot Peened Spring Steel on Combined Torsion and Bending

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A Study of the Influence of Saturation, Coverage and Impact Angle in the Shot Peening Process

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Removing Surface Layers After Peening an Aluminium Alloy

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Effect of Shot Peening on Fatigue Performance of Advanced Aluminium Alloys and Aluminium Based Metal Matrix Composites

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Study of Residual Stress Produced in Metal Matrix Composite by Shot Peening

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