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# A Must-Have for Your Shot Peening Reference Library

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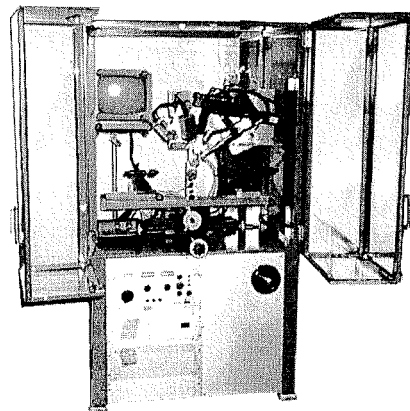
Issue	Articles	Author	Issue	Articles	Author
July 1987	Lessons Learned by the Army Material Command	F. J. Michel	Spring 1991	The Care and Feeding of Your Almen Gage	Jack Champaigne
March 1988	The Effect of Inherent Tolerances in the Almen Test Strip on Shot Peening Process Reliability	Roger S. Simpson Danny O. Clark Gordon L. Chiasson		Measurement Errors Due to Worn Gage Parts	Jack Champaigne
	Advanced Material Process Corp.	Rob Garibay		Peening and Wet Peening	G. Wallis
July 1988	Shot Quality and How To Select Shot for Peening	David Hale		An Explanation of the Mechanism and Benefits of Shot Peening	3M Company
	Practicing Diligence in Shot Peening of Metal Parts for Fatigue Life Improvement	Jack Champaigne		Are We Moving Into a New Format Peening and Blasting Machine?	Ronald John
	Holder for Shot Peening Center	Marshall Space Flight Center	Summer 1991	Key Considerations in Selecting Screening Equipment	W. Nash McCauley
	Designing Shafts for Long Life	Lewis Research Ctr.		The Aircraft Coatings Removal Issue	Earl S. Vigne
December 1988	SPC and the Almen Strip	Jack Champaigne	Fall 1991	The Case of the Elusive Intensity	Bob Gillespie
	X-ray Diffraction Determination of Subsurface Residual Stress and Cold Work Distributions Produced by Shot Peening	Lambda Research, Inc.	Winter 1992	Particulate Solids Flow	Ron John
	SPC – The Mistakes and the Successes at Eaton Corporation	Barry Weldenhammer		Practical Application of Shot Peening	Stephen Williams
Spring 1989				Problems with Non-Destructive Surface X-ray Diffraction Residual Stress Measurement	Paul S. Prevey
Summer 1989	Shot Peening Procedure	Jack Champaigne	Spring 1992	Almen Strip as Process Control for Shot Peening	Jack Champaigne
	Blast Cleaning Process Improvements	Jack Champaigne	Summer 1992	Shot-Peened High-Moly Gears	Advanced Material Process May, 1992
	Durability Comparison: Wrought Steel Shot vs. Cast Steel Shot	Bob Gillespie	Fall 1992	Using Shot Peening to Multiply the Life of Compressor Components	John S. Eckersley Buzz Ferrelli
Winter 1990	Intensity and Coverage	Jack Champaigne		Definition of Blast Pressure in Air-Operated Peening Machines	R.G. Bosshard T.T. Fritchman
Spring 1990	The Almen Gage and Almen Strip	Jack Champaigne		Shot Peening – Process Bridges	Jack Champaigne
Summer 1990	Almen Strip Process Control	Jack Champaigne	Spring 1993	Creating an In-House Shot Peening Specification for Gears	Mark Lawrenz Imants Ekis
Fall 1990	Application of X-ray Diffraction Residual Stress Measurement to Shot Peened Surfaces	Paul Prevey		Don't Expose Yourself to Flow Rate Confusion	Jack Champaigne
	Mathematical Model for Arc Height Saturation	Jack Champaigne		"Pinocchio Doesn't Work Here" or Almen Gage Repeatability and Reproducibility	Jack Champaigne
Winter 1991	Testing Shot Peening Stresses in the Field	K. Tiitto P. Francino	Summer 1993	New Challenges for Shot Peening of Aircraft Gas Turbine Engine Components	P.G. Bailey D.M. Comassar R.A. Thompson
	Almen Strip Reliability	Peter G. Bailey		Quality Shot Peening Using SPC	Jack Champaigne
	Shot Peen Forming the Widest Wing in the World	David F. Cook		Travel®: A Real Life Particle Velocity Measuring System for Use in Shot Peening	Yves Lecoffre Xavier Bonazzi Frederic Jouet Daniel Huet
			Fall 1993	Gearing Up for Higher Loads	John S. Eckersley
				Shot Peening for Carburized Steel	Mitsuyori Asari
				Shot Peening Process Variables	Jack Champaigne
				The Shot Tower	Walter Minchinton
			Winter 1994	Prims™: Computer Integrated Shot Peening System	D. DeVos W. Barker

Issue	Articles	Author
Spring 1994	Shot Size(s) Patent Information	Jack Champaigne
Summer 1994	Fractal Characterization of Shot-Peened Surfaces Intensity Online-Monitoring Shot Peening Techniques Double Peening – U.S. Patent 3,073,022	Yoshiki Oshida R.G. Bosshard Bush, Mattson, Roberts
Fall 1994	Shot Peening Process Tolerances Miscellaneous Specifications	Jack Champaigne Marcia Almassy

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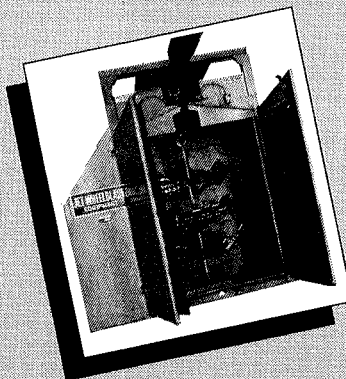
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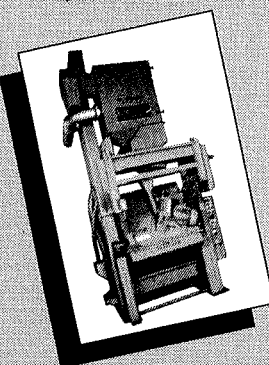
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