



# The Gage

January 25, 2010

## American Measuring Tool Manufacturers Association

Look at Some of the Ways AMTMA Can Help Your Business and You:

- Network Among Your Peers & Keep Abreast of Industry Trends
- AMTMA annual meetings
- Technical Services, Including Round Robin Programs and Educational Workshops.
- Business Surveys
- Regulatory Support
- Human Resources Support

### President's Message - Nicholas Bosworth PMC Lonestar / PMC Mercury



It is the beginning of 2010 and the start of a new decade. The northeast U.S. is experiencing the winter blast of the decade (LOL). I am looking at the pictures from our last meeting in the Spring of 2009 in San Diego and feeling pretty good about the AMTMA Board's decision to do a repeat performance. The weather in San Diego is hard to beat. If you have not already done so, I suggest you schedule your travel plans for our meeting April 7 – 9, 2010 in San Diego. It makes it easier to weather these winter storms.

Word on the street continues to be that business is off significantly from the boom of 2007/08. I am hearing numbers ranging from 30 to 60%. There are a number of positive signs that a recovery has begun. The stock market started 2009 at record low levels but ended on an extremely high note; by some measurements, the best since 2003. Industries that I consider to be leading indicators to our businesses like the Machine Tool Industry, the Tool Steel Industry and the Packaging Industry report significant and continued improvement. Some parts of the Fastener Industry report a return of normal business after months of dismal conditions. Major end users in the fastener industry are awarding contracts which will trickle down to improve sales order activity for Gage manufacturers.

Economists generally seem to agree that we are in a recovery. They are predicting a strong recovery in 2010. The IMTS show in Chicago is looking forward to a strong participation this fall. Feedback from several marketing channels in our own industry identified the sales order level in December as the best in 2009, and the best December in several years. One thing upon which most of us can agree is that business was difficult in 2009. Let's hope business conditions will improve in 2010!

Business for PMC was difficult in 2009. We experienced a significant reduction in orders across all product lines and in all the Industries we serve. Extended backorder levels in some product lines allowed us to operate at high levels of production though mid year. A reduction in the number of associates employed along with a reduction in the hours worked and benefits for the remaining associates had to be implemented to survive the harsh business climate beginning in the second quarter of 2009. On a positive note for PMC and another testament of the business environment, PMC reached agreement with the management of Kennametal to acquire their gage operations in October, 2009. Business acquisitions and consolidations are often associated with difficult business conditions. Our management team has been busy since the beginning of the third quarter with this acquisition and rationalization of our industrial gage business.

In closing, I am looking forward to seeing you in San Diego. I am hopeful that we will be talking about continued improvement in business conditions. I would like to take this opportunity to once again encourage each member of AMTMA to consider who might benefit from membership in AMTMA and sponsor them.

Sincerely,  
**NICK BOSWORTH**

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### Spring Meeting 2010

April 7-9 -2010

Embassy Suites

San Diego, CA.

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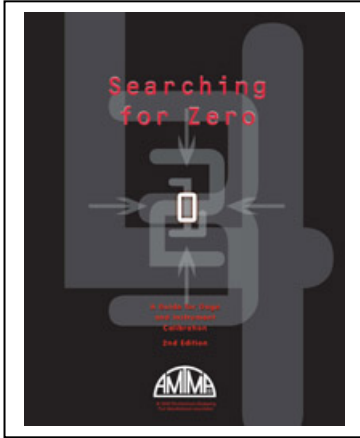
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## ASME B1 Report

### Support the AMTMA

The ASME B1 thread standards meeting was held October 20-22 2009 in Las Vegas, NV. 28 members and guests were in attendance. Following is the report on these meetings.



**B1.1 60° product threads:** new standard is available from ASME

**The revised B1.2** is still in draft form at this time. Review was completed through paragraph 5.15, with exceptions of the tolerances of progressive setting masters and paragraph 5.13 tolerances for setting masters. Mike Rose is to prepare supporting charts for using the class W tolerances for Progressive Setting masters. Lowell Johnson, Al Barrows, Karl Bly, and Mike Rose to prepare suggested rewording ( with figure) of paragraph 5.13.9 to clarify the lead tolerance for setting plug gages.

**B1.5, acme threads:** Was reaffirmed 06/25/2009

**B1.8, stub acme threads:** will be revised soon

**B1-9, buttress threads:** Some changes proposed for symbols and wording. Questions of formula to determine wire constant with lead angle considered For applications exceeding 5 degrees lead angle.

**B1.20, pipe threads:** Nothing new at this time on pipe threads

**Working group on thread gage calibration:** We completed the review of Hill Cox's assignment, re-write of sections 1.17 and 1.18, thread pitch diameter Micrometers with the following changes.

1. Section 1.17, change the word "functional" to "performance"
2. Section 1.17, change "a 10X eye loupe" to 10 X magnification
3. Section 1.17, change "a special" to "an appropriate"
4. Section 1.17, add the word "profile" to read " presence of profile form"
5. Section 1.17 add leading zero to all values
6. Change "NOTE" to read "GENERAL NOTES"
  - a. Remove the words "new or like new" and add "of use" between suitability for .....
  - b. Add a note " Screw Thread Micrometers do not have the Accuracy to be used for the measurement of other thread gages".
  - c. Add note, " Best performance of these instruments is gained when used as comparators against calibrated thread master".
  - d. Add lettering to the notes, a,b, & c.

We also started the review of Mr. Johnson's assignment, inspection and calibration, internal and external, segments and rolls. We finished reviewing sections 1 through 7 of what Mr. Johnson originally submitted. Because we deleted some sections, the new corresponding sections we completed were 1 through 5. Mr. Larouche will incorporate changes from the meeting and re-

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format the section numbers.

**B47, gage blanks:** Mr.Rolf Knittel reported that there has been no committee Activity. There is a ballot open to reappoint Art Jadach as committee chairman and Rolf Knittel as Vice chairman.

Some members also reported that they have found some errors within the standard. The Secretary requested that errors be forwarded right away since and errata will be published for table that was misprinted.

**B1.10 unified miniature screw threads:** The B1.10-2004 unified miniature screw thread document is current and available from ASME.

**Next Meeting:** May 11-13-2010 at the Grand Beach Hotel, Miami Beach, Fl.

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## Announcements

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#### Web Hits

The AMTMA is currently receiving 200 to 250 hits a month on our website for the last 6 months.

#### Mark-10 Corporation

Mark-10 is pleased to announce the addition of Samuel Urbach to our team as European Sales Manager, effective January 1, 2010. Mr. Urbach is based in Switzerland and is the primary Mark-10 contact in Europe. He will be assisting distributors in Europe with their ongoing sales activities, including exhibitions, customer visits, product and application assistance, technical assistance, and other areas.

Mr. Urbach has many years of experience with force and torque measurement equipment and their numerous applications. He was the owner of Intechnik AG, Mark-10's distributor in Switzerland, recently purchased by Disa Elektro AG.

#### Glastonbury Southern Gage

Due to the economic climate, GSG has had a layoff in the Managerial and office area, adjusted working hours to business conditions and curtailed expenses. Richard Vallance was made interim General Manager as well as retaining his National Sales Manager responsibilities.

Richard stated that 2009 was a challenging year for their business. It is a testament to our Associates and loyal customers that we are still fiscally strong. We are seeing some signs of improvement. Richard is estimating a 10-15% growth from 2009 in 2010.



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#### North American Tool

NAT has announced the addition of Allen Benjamin, Inc. as a member of the Global Specialty Solutions Inc. family of companies. Allen Benjamin, Inc. is a supplier of solid carbide and ceramic thread plug gages in taperlock and reversible styles, as well as solid carbide and carbide-tipped taps, application-

specific HSSE taps, carbide insert chasers and tap extensions. The Allen Benjamin line of standard solid carbide taps has been recognized throughout the metalworking industry for over forty years. The company is currently producing a full line catalog entitled, "Allen Benjamin: A Bright New Future"

The Global Specialty Solutions Inc. family of companies, North American Tool Corp., Gaylee Saws, Bitner Tooling Tech., Group United Corp., and now Allen Benjamin, Inc. are manufacturers and marketers of special and standard dimensional cutting tools in HHSE, carbide-tipped, and solid carbide materials serving the metalworking industries through industrial distributors in the United States and 55 countries worldwide.

According to Bernie Bowersock, Senior VP of North American Tool, "With the addition of Allen Benjamin, Inc., Global Specialty Solutions Inc. continues the pursuit of perfection in serving our distributors and their customers with quality products, on-time shipments and outstanding customer service." The sales and service office for Allen Benjamin, Inc. is located in Mesa, AZ. with manufacturing facilities located in South Beloit, IL.

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### Master Gage & Tool Co.

MG&T is pleased to announce that Mike Rosenkrantz has joined our Sales Team effective January 4, 2010 and will be responsible for sales in Eastern Virginia. Also at this time Jim Mathews, who has been responsible for Eastern Virginia has been promoted to the position of Metrology Systems Application Engineer.

### Vermont Gage

Darryl McIntosh, formerly of Size Control and Kennametal Corp., has recently joined the Vermont Gage management team to help coordinate their national sales efforts. Darryl has worked in the fixed limit gage industry for nearly 40 years and held positions including Technical Sales Manager, National Sales and Director of operations. He has previously served 10 years on the AMTMA board of directors.

According to company president, Monica Greene "Darryl is the right person at the right time. He is an excellent fit for us. We are as strong technically as you can get. With John Gehret, Mike Oddy and now Darryl McIntosh on board, we have the strength and experience level to handle any of our customers needs. Darryl will be in the field representing Vermont and working with our team of Manufacturer's Representatives.

In addition, Greene stated, "Vermont Gage certainly experienced a drop in 2009 sales like many others in our industry, but we have seen business gradually return in the last few months. 2010 is expected to meet or exceed 2008 revenue which was our highest sales in history."



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### PMC Lone Star / PMC Mercury

We have been fortunate to have had an abundance of activity at PMC Gage this past year, and with the increased activity came several additions and promotions. We are proud to announce the following personnel additions and promotions:

Mr. David Rulkowski has accepted the promotion to Sales / Production Coordinator- Willoughby, Ohio

Mr. Brian Richards has accepted the promotion to Facilities Manager – Whitehouse, TN

Ms Sandi Eden has accepted the promotion to Product Coordinator – Whitehouse, TN.

In addition to promotions, we have made several additions to our staff in the Willoughby, Ohio office

Mr. Cameron Parris – Inside Sales

Ms. Kim Grabel – Inside Sales

Ms. Ashley Locker – Accounting Associate

Mr. Vince Mancisio – Quoting and Estimating / Sales

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### Perfekt Punch

AMTMA headquarters has received a notice that Perfekt Punch Mfg. Co. is in Chapter 7 Bankruptcy. Perfekt Punch has been an AMTMA member. They did not pay their dues for 2009.

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## Plan Now for the April 2010 Annual Meeting!



Mark you calendar for April 7-9, 2010 for the next Annual General Membership meeting of the AMTMA at the Embassy Suites on the Bay in San Diego, CA. Topics are being planned to include Technical sessions, Voice of the Customer and business improvement topics. We are planning another tour of the Navy Base. We will visit other parts of the base that we did not see last year.



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## PMC Gage, Inc - Kennemetal Acquisition History



PMC Gage, Inc. is pleased to announce that it has signed a definitive agreement to purchase the gage business from Kennametal Inc (NYSE:KMT). This acquisition will expand PMC Gage's presence in the industrial gaging market. The transaction will include the Van Kuren and Size Control Brands, a limited license of the Greenfield name for gages and operations in White House, Tennessee and Elk Grove, Illinois. The transaction is expected to close

September 30, 2009.

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PMC Gage, Inc. is a premier leader in the manufacture and calibration of high quality gages, metrology equipment and instruments, their history dates back to PMC Industries, Inc. which was originally established in 1912 and was acquired by Park Ohio Industries, Inc. The gage and instruments divisions were purchased by Nick Bosworth in 1999 from Park Ohio Industries, Inc. Since the purchase of PMC, by Nick Bosworth, the company has acquired two other companies in related fields.

PMC Gage purchased a Houston Texas based company, Lone Star Gage & Calibration out of bankruptcy and moved its operations to Willoughby. A second acquisition in 2003 was the purchase of Mercury Gage, then located in Detroit, MI. Mr. Bosworth left the Mercury operation in Michigan and maintains a manufacturing presence there at their new location 6107 Progress Drive, Sterling Hts., MI. The corporate name is PMC Gage, Inc. and it operates under the trade names of PMC Lone Star and PMC Mercury. The accounting and management is handled out of the new Willoughby Office located at 38383 Willoughby Parkway in Willoughby, Ohio.

PMC Lone Star and PMC Mercury both manufacture measuring tools and devices. PMC is a leading manufacturer of fixed and ground limit plug and ring gages, both plain and threaded and dimensional metrology equipment including the ContouReader™ and SquareMaster™.



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**START MAKING YOUR PLANS TO  
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SEPTEMBER 13-18, 2010, CHICAGO**