

NFDA TODAY: Your National Fastener News

July 2015



President's Message

By Casey McIlhon

Hello fellow NFDA members,

Over forty-five years ago, my grandfather, Dan McIlhon, and several industry colleagues came up with the concept of establishing a fastener association that would serve the industry on a national level. In 1968 the National Fastener Distributors Association was founded, and it is a great honor for me to take on the role of your current President.

I would like to begin by thanking Paul Tiffany for his efforts as our outgoing President. Paul did an outstanding job of keeping a steady focus on the core values of NFDA, and insuring every step we took under his leadership provided enhanced value to our members. In addition, I would also like to thank Marty Goeree for his efforts as our outgoing Associate Chair. Marty brought a great level of energy to the Executive Committee, and his contributions were numerous. One final thank you to outgoing Board member, Bob Luzum, for his dedication and participation over the past three years.

Looking ahead, I am excited to introduce Kameron Dorsey as our next Associate Chair and Marc Strandquist as our new Vice President. Both Kameron and Marc have been active participants in NFDA and each is extremely passionate about the direction of our association. I would also like to introduce our new Board members: Kevin Godin, Adam Pratt, and Jennifer Ruetz. They joined the NFDA Board at the Annual Meeting in Rosemont, Illinois. Also, special thanks to continuing Board members: Giovanni Cespedes, Gary Cravens, Jim Lindrup, and Kevin Miller.

Over the coming year, NFDA will offer members excellent opportunities to connect with industry leadership at venues in Key Biscayne, Florida, Coronado, California and Louisville, Kentucky. As Paul has voiced to us so often over the past year, "You are the NFDA." I would like to further this message by inviting all members to "Come to the NFDA!" Each of our meetings offers a slightly different focus, and I am certain there is a great meeting for each of our members to partake in. Please be on the lookout for pertinent information on these meetings and I strongly encourage you to find a spot in your calendars to "**Come to the NFDA!**"

I look forward to an excellent year serving the interests of NFDA.

Casey McIlhon



Past President's Message

By Paul Tiffany

Dear Members,

You are the NFDA. You are the NFDA. You are the NFDA!

My tenure as President came to a close in June at our Annual Meeting in Rosemont. I would like to thank all NFDA members for a very successful year, and I credit that success to the increased engagement of the membership. NFDA's strength comes from our collective support, participation, input, and ideas. These are the largest contributing factors to this success.

This past year we continued to see growth in our membership as more companies realize the value of being part of NFDA. Our meeting participation has also been on the rise allowing our Conference Planning Committee to expand our offerings of executive level education. The content and speakers at our meetings this past year have been able to provide an instant impact on the success of our businesses immediately upon our returning to the office.

The expansion of member benefits and affinity programs being offered has also improved over the last year. Your ideas and feedback to our Value and Vision Committee have been key to developing these additions and enhancements.

I cannot end my term without mentioning that I owe so much of our vision achievements to the tireless efforts of our management team, and the Board of Directors serving with me. Their dedication to the betterment of NFDA, as well as our entire industry, was inspiring. I am confident this momentum, and the continuity of our vision and mission, will be carried on as Casey McIlhon transitions into his new role as President. Lastly, I would like to give special thanks to outgoing Board members Marty Goeree, Bob Luzum, and Kevin Reidl, for their leadership and dedication.

Kind regards,

Paul

July 2015

www.nfda-fastener.org

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President
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Assembled Products



Vice President
Marc Strandquist
The Wurth Group



Associate Chair
Kameron Dorsey
Beacon Fasteners & Components



Immediate Past President
Paul Tiffany
Copper State Bolt & Nut



Distributor Director
Giovanni Cespedes
Falcon Fastening Solutions



Associate Director
Gary Cravens
Advance Components



Distributor Director
Kevin Godin
General Fasteners Company



Distributor Director
Jim Lindrup
Great Lakes Fasteners & Supply



Distributor Director
Kevin Miller
Bamal Corporation



Associate Director
Adam Pratt
Sherex Fastening Solutions



Distributor Director
Jennifer Ruetz
AIS- All Integrated Solutions

2015 Annual Meeting

NFDA's 2015 Annual Meeting was held June 10-11 in conjunction with Fastener Tech '15 in Rosemont, Illinois.



Photos Courtesy of Link Magazine

For more photos, visit our Facebook page: www.facebook.com/nfdafastener



NFDA Fastener Standards Activity Update - Q2 2015

By John Medcalf

The second quarter of 2014 saw meetings of both ASTM and ASME fastener committees in Toronto May 4-8. Presence at meetings is essential to engage and participate in the discussions that influence standards activity. A summary of topics discussed at each meeting follows.

The ASTM F16 and ASME B18 fastener committees met in Anaheim, California, May 17-20. Also included was a workshop, "Hydrogen Embrittlement Avoidance in Mechanical Fasteners: Focus on the Oil & Gas Industry." Prompted by a 2012 Chevron offshore oil rig fastener failure and resulting Bureau of Safety and Environmental Enforcement (BSEE) report in 2014, the event was attended by the ASTM F16 members, representatives from BSEE, and oil and gas equipment and service providers.

Presentations by Joe Greenslade, Salim Brahim, Laurence Claus, and Carmen Vertullo included a review of the BSEE report, a presentation of the current status of fastener hydrogen embrittlement research, commentary on conflicts between oil and gas standards and plating standards, and risk management for the fastener supply chain. Takeaways from the workshop included a call for participation from the fastener industry in the ASTM B08 committee that publishes B633 on electroplating and a request for participation from the oil and gas industry in the F16 standards committees so that some of their unique application requirements may be addressed. It is this collaboration between end users and the supply chain that makes the standardization process effective.

Significant activities in each committee were as follows:

ASTM F16

- The combined structural bolting standard, ASTM F3125 has been published, and will continue to be refined. The new standard is available here: <http://www.astm.org/Standards/F3125.htm>. This is the standard that should be referred to for structural bolting, as the standards that have been combined will most likely be withdrawn sometime in 2016.
- The process of revising ASTM A354 is continuing, with focus on ensuring the achievement of proper hardening and microstructure in large diameter grade BD fasteners. Currently being considered are additional requirements such as Charpy impact testing, cross sectional hardness testing, and composition requirements for diameters above 2 1/4".
- The combination and revision of ASTM F1941/F1941M on Electrodeposited Coatings has been approved, and will proceed to be published. Updates to baking parameters, salt spray requirements, and designation codes should be noted by anyone that provides electroplated fasteners. As highlighted in the hydrogen embrittlement workshop, it is critical to point customers towards F1941/F1941M in place of B633 for fastener applications.
- A new standard to address all dip-spin coatings is still under development. A draft put together by coating providers will now be reviewed by a larger task group including applicators and end users. This combined standard will be useful for users specifying these coatings that continue to develop in performance and applications.

ASME B18

- An update to ASME B18.2.2 on hex nuts has passed balloting and is out for public review before publishing. Updates include corrections and expansion of sizes for small pattern machine screw nuts, a revised procedure for gaging jam nuts, a procedure for measuring bearing surface runout, and various minor updates to harmonize with the B18.2.1 bolt and screw standard.
- B18.16.6 on prevailing torque locknuts will be balloted with corrections to NTM pattern hex height dimensions, a drop in proof and clamp load requirements for all thin nuts, and updates to some proof loads to correspond to SAE J995 values.
- A standard covering nuts with captured washers was proposed, and will be developed.
- B18.13 on SEMS screws is being updated, and will reflect many of the technical updates already made to the metric version of the document.
- Updates to B18.15 on eyebolts, B18.31.2 on studs, and B18.31.3 on threaded rod have all been completed with new revisions either published or in the process.

Future meetings:

- ASME B18 – September 16 at IFI in Independence, Ohio
- ISO TC2 – October 12-16 in New Orleans, Louisiana
- ASTM F16 – November 15-18 in Tampa, Florida

John Medcalf is an applications engineer for Field Fastener and is NFDA's technical representative.

John Medcalf was appointed as the NFDA technical standards representative to allow the NFDA membership not just visibility of standards activities, but also a voice in the process.

NFDA members are encouraged to express their comments or concerns relating to fastener standards. The only way to influence the process is to stay engaged and participate.

Members can:

- Inquire about changes in drafts noted in the quarterly reports
- Raise suggested revisions or technical updates to standards
- Ask general standards related questions
- Offer feedback to continue refinement of these articles

Please email your standards related comments, concerns or questions to John at standards@nfda-fastener.org

NFDA Events

**2015 Executive Retreat
November 8-10, 2015**
Ritz-Carlton Key Biscayne
Resort
Key Biscayne, Florida

**2016 Winter Meeting
March 1-4, 2016**
Loews Coronado Bay Resort
Coronado, California
*Joint meeting with the Pacific-West
Fastener Association*

**2016 Annual Meeting & ESPS
June 27-28, 2016**
Galt House Hotel
Louisville, Kentucky

Interested in advertising in the NFDA Newsletter? Contact the NFDA office for details!

NFDA 2015 Executive Retreat

We are pleased to announce the Executive Retreat in 2015 will be at the Ritz-Carlton Key Biscayne, Miami, November 8-10 in Key Biscayne, Florida.

The 2015 retreat is designed so that all attendees will experience all four education sessions over the course of two mornings. These programs will offer thought-provoking, interactive and creative dialogue.

Sessions will include:

- Culture Eats Strategy for Lunch, presented by Bill, Jim and Adam Derry of Field
- VMI Opportunities with Your Suppliers, presented by Kevin Queenin of Specialty Bolt & Screw
- Doing Business in Mexico, presented by Mark Shannon of Tower Fasteners and Steve Dalaklis of Lehigh-Armstrong
- Success with CRM, presented by Marc Strandquist of Wurth Industry Group and Jennifer Ruetz of AIS-All Integrated Solutions

Of course golf will be available too, along with great networking opportunities. As always, these retreats offer peer-to-peer learning in a relaxed atmosphere. Join us! Register online at www.nfda-fastener.org



Save the Date for NFDA's 2016 Winter Meeting on Coronado Island near San Diego, California



2016 Winter Meeting
(Joint meeting with the Pacific-West Fastener Association)
March 1-4, 2016 at the Loews Coronado Bay Resort

Perched on its own 15-acre peninsula, Loews Coronado Bay Resort is a private oasis with views of the shimmering bay waters and the San Diego skyline. Details about the educational program will be available soon.

See you there!

Welcome New NFDA Member

Owner Resource Group
www.orgroup.com

Training Opportunities

The Fastener Training Institute® has the following upcoming opportunities to increase your fastener knowledge:

- Product Training Program Part #1 – July 14, 2015 – Pico Rivera, California
- Fastener Training Week-Cleveland – July 20-24, 2015 – Independence, Ohio
- Product Training Program Part #2 – August 11, 2015 – Pico Rivera, California
- Dimensional & Material Specifications – August 18, 2015 – La Mirada, California
- Fastener Quality Assurance-Print Reading & Inspection – September 1, 2015 – La Mirada, California
- Product Training Program Part #3 – September 8, 2015 – Pico Rivera, California

NFDA members receive discounted registration on FTI seminars.

For more information and a list of all FTI seminars visit www.FastenerTraining.org

New Member Benefit

OfficeMax® Partner Advantage is a customized office supply program that provides exclusive benefits for NFDA members. You'll receive significant cost savings on more than 25,000 products, as well as savings on digital print services, furniture, technology, and paper. In addition, you'll enjoy flexible purchase options when you place orders online, via catalog, by phone, or at any more than 850 OfficeMax stores using their Retail ConnectSM program.

Start saving today! Login to the NFDA website and check the Members Only section.

Scholarships Awarded

This year the NFDA Board of Directors approved two scholarships for Fastener Training Week, an advanced fastener technical training program produced by the Fastener Training Institute.

The association is pleased to announce the winners for 2015:



Corey Facemire, Business Development Manager, NSK Industries, Cuyahoga Falls, Ohio



Mark Jacobs, Director of Engineering/Quality, Fast-Rite International, Glendale Heights, Illinois

Applicants were evaluated based on the recommendation from their employer, personal achievements, work experience, and an essay. Identifying information was redacted, so that the team evaluating the applications did not know the names or employers of those applying.



Our core purpose is to help our members thrive in the global marketplace.

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OUR VALUE Proposition

SUPPORT



Advance's highly trained team of sales professionals provide the industry
WITH THE PREMIER RESOURCE FOR ENGINEERED SPECIALTY FASTENING SOLUTIONS



SERVICE

We focus on selling and servicing through our preferred
CHANNEL PARTNERS & OTHER DISTRIBUTORS, TO AVOID CONFLICT

STOCK



Advance maintains a large SMART inventory
WE HAVE THE RIGHT PARTS FOR OUR CUSTOMERS' UNIQUE BUSINESS METRICS



STRATEGIC

ADVANCE REDUCES THE BURDEN OF DEALING WITH MANUFACTURERS'
limited support, long lead times and large order minimums

SATISFACTION

We are committed to:

BEING THE BEST SUPPLIER FOR THE PRODUCTS WE REPRESENT
PROVIDING VALUE-ADDED SERVICES
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PINVENTORY

What you need, when you need it, at a fair price every time.



Clevis Pins

These low-cost and reusable pins are available in standard, metric, SAE, universal, cotterless, grooved, headless, bent, and rivets. G.L. Huyett is unique in its offering of marine grade 316 stainless steel clevis pins as a standard item.



Three-Point Pins

Include single- and double-wire snap, single- and double-wire tab lock, coil tension, hitch, swivel lock, and lynch pins. They are generally used to improve the compatibility and flexibility of three-point hitches found on agricultural equipment.



Positive Lock Pins

Available in detent, button head, ring handle, T-handle, and L-handle. Positive lock pins have a steel ball bearing and steel spring or sythetic rubber mechanism that depresses and springs out to lock the pin in place. Easily removed for repetitive use.



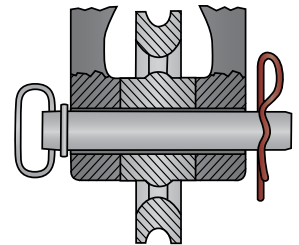
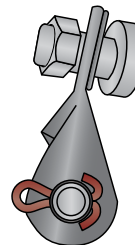
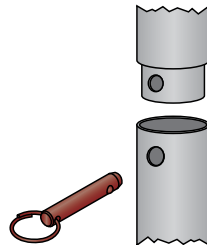
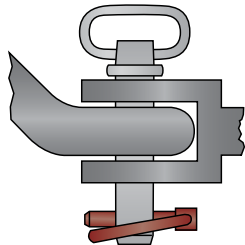
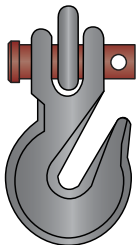
Cotter Pins

Used as a locking device to hold pins or castle nuts in place, these low-cost and versatile fasteners are used virtually everywhere. They are available as standard, hammerlock, T-head, wedgfast, clinch, bow tie, ring, circle, and split ring.



Hitch Pin Clips

Include bridge, double-loop, lock, grip clip, hair, E-clip, X-ring, and tether. They are the mating part to many pins and should be considered and designed into the application. Most are manufactured from spring wire or stainless steel.



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PINVENTORY

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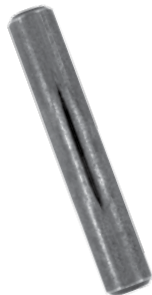
Wire Forms

D-rings are frequently used to fasten tarps, straps, belting, and tents. S-hooks are used in tie-down straps, in conjunction with fabric covers, and for temporary hanging purposes. Spring-loaded, self-securing safety pins are low cost options for bridge pins.



Dowel Pins

Standard, hardened, oversized, ground hollow, flat vent, and grooved dowel pins achieve maximum holding power with increased shear strength to absorb lateral stress. Light-weight hollow dowels eliminate the need for a separate hole for bolting.



Grooved Pins

Press fit fasteners featuring three parallel grooves used as locking devices, pivots, levers, or locating elements. Include type A/DIN 1471, type B/DIN 1472, type C, type D/DIN 1474, type E/DIN 1475, type G/DIN 1469, type H, type U, DIN1470, and DIN 1473.



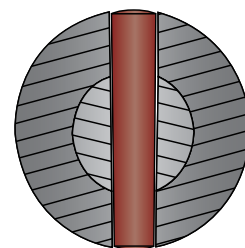
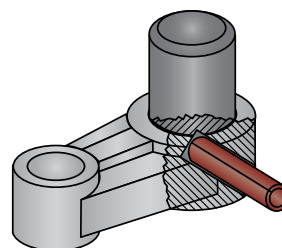
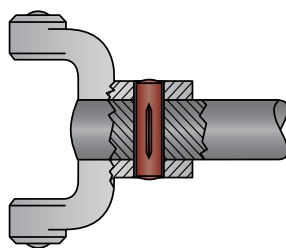
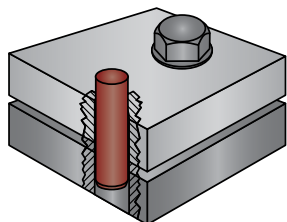
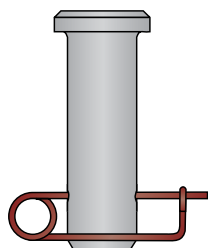
Spring Pins

Available in light, standard, and heavy duty coiled; slotted; toothed rolled; and tension bushings. These hollow cylindrical tube-style press fit fasteners with chamfered ends weigh less and are easier to install than solid pins.



Taper Pins

Easily removed and reused, standard imperial and metric taper pins are used as positioning components for transmitting low torques. Externally threaded pins are used in blind holes and internally threaded pins as pull dowels.



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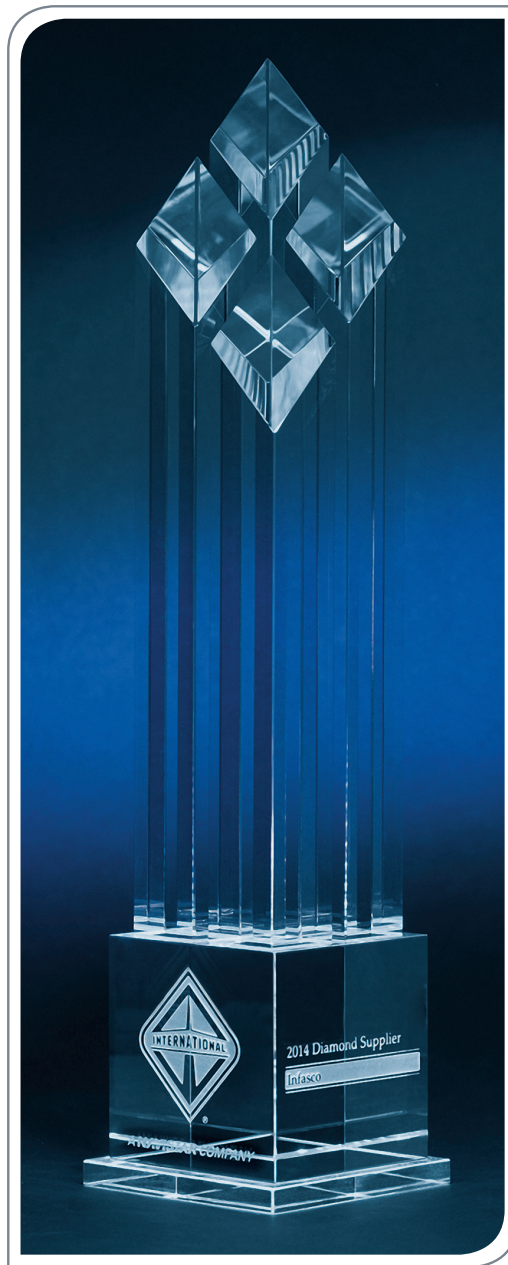


Domestic Lubrication, Fittings, & Equipment

2014 Diamond Supplier Award from Navistar

INFASCO

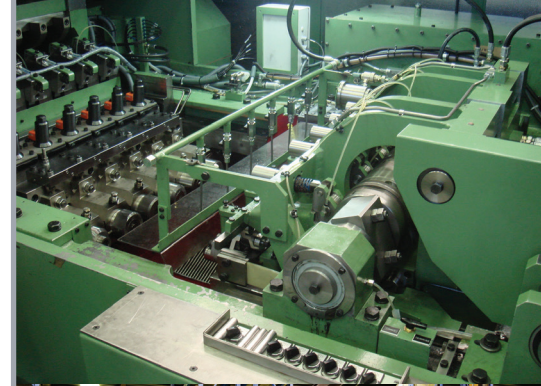
Among Navistar's 1300 suppliers worldwide, INFASCO was one of the top twenty-six suppliers to receive this distinguished recognition



Recognized for supporting Navistar cross-functional Category Management strategic sourcing initiatives, cost-effective solutions provider, zero-defect quality expectations supplier, customer services and time-sensitive bids expert

Dont' you deserve The Triangle?

Ask for The Triangle





INFASCO : Part of your Success since 1958

INFASCO is one of the largest organizations of its kind with many facilities in North America, a network of trading partners in Asia and Europe covering all aspects of fastener production and distribution.

We have made a commitment to our customers that we will create, manufacture or distribute what you need; and this is what we do.

INFASCO continues to set new standards for excellence in value stream integration delivering expertise in all areas of fastener production from raw material to finished product. Ifastgroupe, owned by Heico LLC, is parent to divisional companies Infasco, Infasco Nut, Galvano and Infasco Distribution, and works with affiliate Ivaco Rolling Mills thereby creating a focus oriented company structure and customer experience.

As the largest North American manufacturer and supplier of industrial fasteners and fastener products, Infasco, one of the world's largest manufacturers of standard fasteners and the largest North American producer of cold headed fasteners, manufactures cold forged bolt products, hot forged nuts and provides annealing, pickling and heat treating in its 800,000 square foot fastener manufacturing facility located in Marieville, Quebec.

Winner of multiple awards for outstanding quality performance, Infasco Nut is one of the few nut manufacturers left in North America manufacturing and importing specialty semi-finished and finished nut products. Infasco Nut produces over 1,000 tons per month of internally threaded fasteners for OEM and automotive tier customers, including cold formed prevailing torque locknuts as well as other specialized nuts to the lowest PPM level in the industry.

Galvano, Infasco's surface finishing division in Beloeil, Quebec, plates over 100 million pounds of fasteners a year. Services include zinc electroplating, phosphating and hot dip galvanizing. Recent improvements include high performance (96h WR) ROHS compliant clear and yellow passivates offered with all Zinc plating surface treatment.

Our Distribution network, Infasco Distribution, delivers both INFASCO manufactured products as well as a variety of imported fastener products to customers across North America and overseas.

Ivaco Rolling Mills, a world-class steel billet and wire rod manufacturer located in L'Original, Ontario, supplies raw material to INFASCO facilities. Producing quality wire rod since 1971, Ivaco Rolling Mills IRM produces 450,000 tons of billets as well as approximately 900,000 tons of quality wire rod per year ranging in diameter from 4.75mm to 25.5mm.

www.infasco.com