

AUGUST 2024



PRESIDENT'S MESSAGE

Scott McDaniel

Greetings fellow NFDA members. It is an honor to serve as the NFDA president, and I look forward to the upcoming year. Congratulations to new Board members, Angela Philippart and Christian Reich. I hope you will join me in wishing them great success during their time on the NFDA Board. Congratulations to our new vice president, Ed Smith, and our new associate chair, Christian Reich. Thank you to Jim Degnan as he takes up the role of immediate past president; it has been a pleasure working with him over the past year, and I am glad to have another year with Jim on the Board. I would also like to thank Nick Ruetz and Mike Robinson as they leave their leadership positions on the Board. We are better as a group because of them and their outstanding leadership.

I have been in distribution for 25 years and in the fastener industry for 20 of those years. I started my career in supply chain, before moving into operations, sales, and leadership. It is definitely not what I envisioned I would do when I was a kid, but I have been blessed and am proud to be a member of our wonderful industry. My wife Lisa and I have been married for 18 years and currently live in St. Louis with our two kids, Cole and Carley. Cole will be a high school senior, and Carley will be in 8th grade next year. I would not be where I am without them. They inspire me every day.

The Annual Meeting and ESPS® in Dallas was a resounding success. This was the first year of our plan to hold the ESPS meetings annually. This change was a result of your feedback, and I look forward to

continuing to participate in it. It was also a new format of holding the meetings in the same room but spread out across a large ballroom. The feedback the other Board members and I received was overwhelmingly positive, and we will be using a similar format next year at the annual meeting in Charlotte, NC. The presentations were all very informative, and it was my honor to present the 2024 Fastener Professional of the Year Award to Marc Strandquist's wife and daughter.

When I was preparing to write this, I was encouraged to read through the updates from the past several years and it was interesting to see how much has changed over the past ten years and what has not changed. Three messages from those letters resonated with me; You are the NFDA from Paul Tiffany, come to the NFDA from Casey McIlhon, and be the NFDA from Kevin Miller. These are all as true today as when they were first written. The more you and your organizations put into the NFDA, the more you will get out of it. I would encourage each of you to expand the reach of the NFDA into your organizations. The YFP, mentorship program, scholarships, and networking will all provide great value to your organizations and team members. In addition, several of the task forces that were created last year are focused on training, human resources, and leadership, which we hope will continue to add value back to our membership.

I hope to see every member represented at our next virtual event on October 3 and hope you see you at the Executive Summit in San Diego October 16-18. It promises to be a memorable and educational event.

If you have any questions, comments, or feedback; please reach out to me at smcdaniel@martinsupply.com or my cell at 312-246-0093. Thank you and have a great summer.

ADVERTISE WITH NFDA

Interested in having an ad in the next issue of NFDA Today? Contact Amy Nijjar to make the arrangements: amy@nfda-fastener.org or 562-799-5519. You also can view information on our website. Click on Advertising in the menu.



ASSOCIATE CHAIR'S MESSAGE

Christian Reich

As we enter the late summer months, those of us in the south try to keep cool, and if you are in the Gulf Coast region like myself we are braving an active hurricane season, while our friends in the north enjoy warmer weather before another winter comes around later this year. We are halfway through the show season for the fastener industry, which I feel begins in late March and ends mid/late October depending on which events you plan to

attend. Between regional association events, major industry expos, and usual sales travel, those of us who travel always have trips lined up to get out in front of our customers!

If you didn't attend our Annual Meeting and ESPS® held in Irving, TX back in June you missed out on an incredible event. The venue was at a prime location and the newly introduced open ballroom format for the Executive Sales Planning Sessions® (ESPS) was a hit. There were initial reservations from some industry veterans who have attended in the past for the individual meeting suite format. However, the post-event survey results made it clear that most preferred the ease of getting from meeting to meeting in the open ballroom format. This was my first year attending, and I felt the schedule of events was very organized and allowed room to network with others. The panel discussion, "Managing Your Business for Sustainability," was very informative and discussed succession planning, how to cater to the new generation workforce, having

written standard operating procedures (SOPs), and how creating a positive company culture is key to retaining top talent.

The next big industry show is the International Fastener Expo (IFE) in September, hosted at the Mandalay Bay in Las Vegas, NV. This is the biggest show catering to fastener manufacturers and distributors in bringing them together in one location. Then in October, we have the return of the NFDA Executive Summit in San Diego, CA! If you have never attended the Executive Summit, it is something you don't want to miss. You will have the opportunity to network with high-level decision-makers from various key suppliers, customers, reps, and service providers who will be in attendance. The schedule of events includes informative seminars from keynote speakers on topics that will benefit any type of business. If you haven't registered yet make sure to click on our website and get your registration and rooms booked ASAP before they fill up.

As for me, I was recently elected to the NFDA Board of Directors in June of this year and then elected to become associate chair as Mike Robinson completed his term on the Board. I am honored to be a contributing member of this organization and look forward to working with our members to bring new ideas to future events and educational opportunities. Feel free to reach out to me at christian@goebelfasteners.com if you have any questions, comments, or ideas you would like to see NFDA incorporate into events.

WELCOME NEW NFDA MEMBERS!	CABLE TIES UNLIMITED www.cabletiesunlimited.com
DURHAM INDUSTRIAL GROUP www.durhamindustrialgroup.com	GREAT LAKES FASTENERS GROUP www.glfus.com



YFP PRESIDENT'S MESSAGE

Craig Beaty

It's hard to believe, but the year is already more than halfway over! However, that doesn't mean that we at YFP are winding down. After a successful and rewarding NFDA Annual Meeting, we are looking forward to the second half of 2024! We have just completed the first round of our book club, with the second book being announced shortly.

Moving forward into Q3, we are excited to see everyone at the following events:

- International Fastener Expo 2024 (Las Vegas, NV). YFP will host a panel discussion with experienced speakers, addressing how to manage a work-life balance effectively. Find us at booth #578! For more information, please reach out to Amy Nijjar (amy@nfda-fastener.org)
- NFDA Executive Summit in San Diego, CA (October 16-18)
- Pac-West After Hours in Denver, CO (September 26)

If you're able to attend the events mentioned above, fantastic! If not, don't worry, there are plenty of ways to get involved.

- Scholarships - Two scholarship opportunities that cover tuition for FTI's Fastener Training Week:
 - Marc Strandquist Memorial Scholarship (deadline August 31)
 - YFP Scholarship (deadline October 15)
- YFP Book Club - For those who aren't aware, the YFP now hosts a book club, with a new book selected every six months. At the end of the six months, all members will meet virtually to discuss their main takeaways.
- YFP Sponsorship - As we build our members, we are always striving to deliver more and more value. Whether it's bringing in speakers, instructors, or professional photographers for headshots, the more sponsors we have, the better equipped we are!
- Mentorship Program - AIM will serve the needs of young fastener professionals by pairing them with willing mentors focused on advancing the mentee's personal career goals. Mentors and mentees will be matched based on the professional skills that the mentee wants to acquire and that the mentor has to offer. New applications for the 2025 program are now being accepted through November 1, 2024.

NFDA CALENDAR

Visit the NFDA website at www.nfda-fastener.org for more information

PLEASE JOIN US FOR THESE UPCOMING EVENTS:

October 3, 2024	Virtual Event – FTI's Understanding PPAPs Part 1
October 16-18, 2024	Executive Summit – San Diego, CA
December 5, 2024	NFDA/YFP Virtual Holiday Celebration

SAVE THE DATE

June 11-13, 2025	Annual Meeting & ESPS® – Charlotte NC
October 15-17, 2025	Executive Summit – Key West FL



NFDA STANDARDS ACTIVITY UPDATE Q2 2024 – Carmen Vertullo

Many thanks to John Medcalf for 10 years of service providing us with the NFDA fastener standards activity update. John and I serve on many of the same standards committees, and we share a passion for fastener technology, which would not be possible without our fastener standards organizations and the standards they produce and maintain. I will do my best to provide accurate and timely updates. Although I sit on almost every fastener standards committee, I cannot attend every meeting or sub-committee meeting.

Most importantly, if you are reading this you must have a compelling interest in fastener standards, and you may even serve on a committee or two. I am happy to have any information you readers may have regarding fastener standards changes. If you are not serving on a fastener standards committee, I want to encourage you to consider serving. Just email standards@nfd-fastener.org if you have something to share or want to find a fastener standards committee to join. I also encourage you to read the previous updates as I will try not to be repetitive with that information.

Ok. Fasten your seat belts. A lot is going on in the world of fastener standards!

ASME – American Society of Mechanical Engineers

- The ASME B18 Fastener Committee last met on April 17, 2024, at the IFI headquarters in Independence, OH. The meeting was preceded on April 16 with ad hoc task group meetings.
- A major item of discussion was the continuing work on expanding the selection of B18.3 socket products into lower-strength steel materials. Currently, these products are only produced in high-strength alloy steel and stainless steel. Under consideration are Grades 2, 5, and 8 from SAE J429. This selection works for sizes 1/4 inch through 1-1/2 inches, but for larger and smaller sizes other standards will need to be considered, such as ASTM A354 for larger sizes through 4 inches. For smaller sizes expanding SAE J429 Grades 5 and 8 to include those sizes below 1/4 inch is under consideration.
- A work item was initiated to change the bump tolerance position of B18.2.6 on direct tension indicators to accommodate the larger hole tolerances in structural steel.
- A work item was initiated to correct the hardness testing requirement for B18.16.4 on serrated hex flange nuts.
- After many years under revision, the updated version of B18.6.3 on machine screws and tapping screws

has been published. This includes the reduction in core hardness for tapping screws to reduce the potential for hydrogen embrittlement failures.

- The next ASME B18 standards committee meeting will be held at IFI headquarters, Independence OH the week of October 6, 2024

ASTM – American Society for Testing and Materials

- The ASTM F16 Fastener Committee met in Philadelphia the week of May 6, 2024. F16 celebrated a 50th anniversary where members Salim Brahimi and Chad Larson were honored with service awards.
- F3125/F3125M on structural fasteners is undergoing revision to include a grade 144 product. Discussion regarding hot dip galvanizing of Grade A490 continues. A ballot will be presented sometime this summer.
- A new work item and task group was formed to provide standardization of high-strength stainless steel bolting.
- Work continues on a new standard for stainless steel flat washers.
- F1554 on steel anchor bolts is undergoing minor revisions to make Grades 35 and 55 more economical to produce.
- A new Guide for the Presentation of Fastener Test Reports is being re-balloted after processing several persuasive negatives.
- And just recently a new flood of ballots from the F16 committee came out. Here are the most important ones: F606/F606M on test methods will add provisions for charpy impact testing. A563/A563M on steel nuts will add two new sizes (1-5/8-5.5 and 1-7/8-5) along with some clarifications. F467 on nonferrous nuts for hardness testing, chemistry, mechanical, and thread form clarification. F593 on stainless steel bolts for heat treatment clarification. F594 on stainless steel nuts for proof load and chemistry clarification. F880 on stainless steel set screws for chemistry clarification. F1789 on terminology for the definition of elastic limit. F3320 on rivets and F1940 on hydrogen embrittlement test methods for reapproval. These changes are in the ballot stage and the results will be included in the next report.
- The next ASTM F16 Standards Committee meetings will be held in Orlando FL the week of November 11, 2024

SAE International

- J1701 and J1701M on Torque Tension Tightening will be combined into a single and comprehensive guide.
- J58 on 12 PT Flange Head Screws is being revised to improve the flange geometry. Similar work is being done on IFI -115 with an eye towards harmonizing the two standards and the withdrawal of IFI-115.
- J78, Steel Self Drilling Tapping Screws, J995, Steel Nuts, J429, Steel Externally Threaded Fasteners, are currently under review for revision ballot.
- Tentatively - The next SAE Fastener Standards Committee meeting will be held at IFI HQ, Independence, OH the week of Oct 6, 2024

RCSC - Research Council on Structural Connections (The Bolt Council)

- RCSC met in Pittsburgh PA June 6-7, 2024. The meeting was hosted by KTA-Tator and included a tour of the historical Carrie Blast Furnace and Pump House. Salim Brahim passed the chair to Bob Shaw.
- Revision of the specification for structural joints using high-strength bolts is underway.
- RCSC and AISC (American Institute of Steel Construction) have begun work on a new guide for structural joints using stainless steel bolts. The guide is being developed under AISC with RCSC providing oversight and joint funding. The guide is 65% complete and should be published in 2025.
- RCSC continues to discuss the merits of allowing hot dip galvanization of A490 structural bolts.
- The next RCSC meeting will be held in Cincinnati OH June 3-5, 2025.

IFI - Industrial Fasteners Institute

- The IFI 2024 (12th Edition) Book of Fastener Standards has just been published and is available for purchase.
- The IFI Technology Connection and the IFI On-Line Book of Fastener Standards are the most comprehensive and up-to-date sources for fastener standards.
- The newly formed IFI Technical Committee is working on updating or withdrawing IFI-115 on 12 point flange head screws, revising IFI-114 break mandrel blind rivets, revising IFI-113-2015 steel

self-drilling tapping screws, and the development of a new standard for rivet nuts.

- Work continues on the review of a proposal to redefine tensile stress area (TSA) for metric threads in ISO TC 2 and the potential impact on inch threads

ISO

- The 2024 plenary meetings of ISO TC2 will occur in Chicago the week of October 21, jointly hosted by the United States and Canada. It is a great honor to host the meetings, but it also requires funding, as our North American standards organizations do not cover the costs of hosting. For this reason, a fundraising effort is underway. Hopefully, some readers of this column will recognize the value of hosting this international group of fastener experts and can encourage their organizations to provide financial support. If you are interested in supporting the meeting, please email standards@nfda-fastener.org
- The latest revisions of ISO Fastener Standards can be purchased through the IFI website, or for information on a comprehensive subscription to the ISO online browsing platform please email standards@nfda-fastener.org
- Work continues on the revision of 891-1 on mechanical properties of steel bolts, screws and studs and 898-2 on steel and alloy steel nuts, and the development of ISO/WD 16224 on nut design.

There are hundreds of fastener professionals around the world working to keep our fastener standards current. If you are one of these people, thank you. If you would like to be one of these people, you know the email.

It is an honor to be selected to help inform the NFDA membership about the work of our fastener standards organizations.

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

Communication between NFDA members and the NFDA technical standard representative (the "Representative") through email or otherwise is provided by NFDA as a courtesy to its members. NFDA provides no assurance as to the accuracy, completeness, or timeliness of any statement made by the Representative to the member or fastener technical standards organizations. Neither NFDA nor the Representative makes any representation as to whether any statement of the Representative is consistent or compliant with fastener technical standards. Neither NFDA nor the Representative shall be responsible for any loss or damage suffered by the member or any other person as the direct or indirect result of any statement made by the representative.

Carmen Vertullo's appointment as the NFDA technical standards representative allows 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 to drafts noted in quarterly reports
- Ask general standards related questions
- Raise suggested revisions or technical updates to standards
- Offer feedback to continue refinement of these articles

TRAINING OPPORTUNITIES



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

FASTENER TRAINING WEEK®:

- **August 19-23, 2024** – Chicago
- **November 18-22, 2024** – Cleveland

NFDA members receive discounted registration on all FTI classroom seminars. For more information and a list of all upcoming FTI events visit www.fastenertraining.org

NFDA AWARDS SCHOLARSHIP FOR FASTENER TRAINING WEEK



The National Fastener Distributors Association recently awarded a scholarship for Fastener Training Week, an advanced fastener technical training program produced by the Fastener Training Institute, to Kristin Glink, inside sales for S.W. Anderson Co.

Scholarship applicants were evaluated based on recommendations from their employers, 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.

The next deadline to apply for an NFDA Fastener Training Week scholarship is June 1, 2025. The application can be found at www.nfda-fastener.org/fastener-training-week-scholarship

For more information about Fastener Training Week, visit www.fastenertraining.org



Amy Nijjar
Executive Vice President
amy@nfda-fastener.org

3020 Old Ranch Parkway Suite 300

Seal Beach CA 90740

562-799-5519

www.nfda-fastener.org



Our Product Lines

Domestic Products USA MADE & MELT

IN STOCK

- » 304 and 316
- » Hex Cap Screws (ASTM F593)
- » Hex Bolts Full Thread (ASTM F593)
- » Heavy Hex Cap (ASTM A193 Gr 8 / Gr 8M)
- » Finished Hex Nuts (ASTM F594)
- » Socket Cap Screw (ASTM F837, 304)
- » Coupling Nuts
- » Nylon Insert Locknuts
- » Button Socket Cap Screws
- » Flat Sockets



- » Heavy Hex Nuts (ASTM A194 Gr 8 / Gr 8M)
- » Med Split Lock Washers
- » Flat Washers
- » Fender Washers
- » Threaded Rod (ASTM A193 B8 / B8M)
- » Socket Set Cup Points



STAR is proud to announce our partnership with SPIROL. If you're looking for high-quality domestic roll pins, check out our selection at STARstainless.com




COMING SOON

- ❖ Domestic Socket Head Cap Screws
- ❖ Domestic Low Head Socket Head Cap Screws



STARstainless.com

SPECIAL DIVISION

Tested, Tried and True®



MILL PROGRAM

BBI provides a SECURED SUPPLY CHAIN through well-established factory relationships; and a volume capacity infrastructure of factory production, ocean vessel availability, logistics, material handling, and warehousing. Our Mill Program takes precedence in container booking.

QUALITY

- ISO 17025 Accredited lab in Taiwan
- Inspection prior to shipment
- Material Certification
- PPAP

PROVISIONS

- Engineered Drawings
- Surface Finishes
- Thread Lock Features
- Special Packaging
- Private Label

MANUFACTURING TYPES

- Cold Formed
- Hot Formed
- Machined
- Stamped
- Casted

MATERIALS

- Carbon
- Alloy
- Stainless Steel

e-mail: usmill@brightonbest.com

STANDARD PLUS PROGRAM

Comprehensive Product Selection from Inventory

SURFACE FINISHING

ELECTROPLATE

- Zinc
- Zinc Nickel
- Cadmium
- Trade Name Brands

MECHANICAL PLATE

- Trivalent
- Hexavalent

ZINC FLAKE COATING SYSTEMS

- Atotech
- Dorken
- Geomet
- Magni
- Yuken

Variety of Colors Available

ADDITIONAL SURFACE TREATMENTS

Black Oxide, Passivation, Phosphate, PTFE

THREAD LOCKING

CHEMICAL ADHESIVE

- Precote
- Loctite
- Microsphere
- IFI 125/525

MECHANICAL LOCKING

- Nylon Patch
- Nylon Pellet
- IFI 124/524

Variety of Colors Available

e-mail: sourcing-rework@brightonbest.com

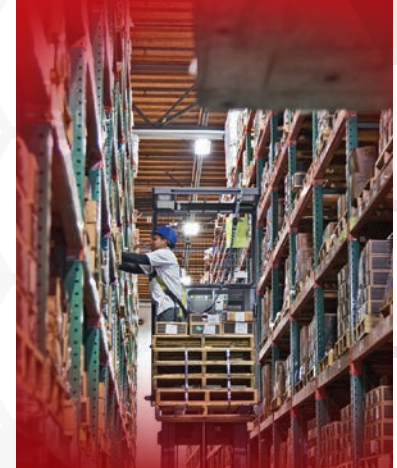
THE BBI ADVANTAGE

> Vendor reduction utilizing BBI's program offerings of Standard product from inventory, STANDARD PLUS program, & MILL Program

> Global presence of 31 locations with customer support and stock and release options

> 24/7 Access via web to certifications for all processed product

> Prepaid Freight Policy



BRIGHTON-BEST INTERNATIONAL

Tested, Tried and True®



www.brightonBEST.com • 1-800-275-0050



MADE TO ORDER PROGRAM

1 PIECE AND UP 7 DAY DELIVERY



Hex Head Cap Screws

18-8 SS, 316 SS, Alloy Steel
with black oxide finish.

Custom shank lengths and
thread lengths.



Shoulder Screws

18-8 SS, 316 SS, Alloy Steel
with black oxide finish.

Shoulder diameters from
3/32" to 1", 3mm to 24mm.
Shoulder lengths from .125
to 4" in 0.010" increments
and 3 thread choices per
shoulder diameter.



Socket Head Cap Screws

18-8 SS, 316 SS, Alloy Steel
with black oxide finish.

Custom shank lengths and
thread lengths.

For Fastener Distributors with an authorized Login ONLY. Login and use our Custom Configurator for an instant price and part number. Full CNC manufacturing in Indianapolis. DFARS Compliant. Made in USA.



Search our beautiful fasteners at ampg.com.

8090 Woodland Drive | p: 317.472.9000
Indianapolis, IN 46278 | f: 317.472.9010

CARVER LABS

CARVER FACT²
CENTER

FASTENING
APPLICATIONS
CONSULTING
TESTING and
TRAINING

www.carverem.com

Our Labs Include:

- Mechanical Testing– Tensile, Hardness, Shear, Impact, Fatigue, etc.
- Screw Performance Testing – Torsional Strength, Drive Performance, Drivability, Drill Time, Ductility, Pull-Out, Pull-Over, Locking Element Performance, etc.
- Torque-Tension Testing – K-Factor determination, Torque-angle, Tightening Strategies, Lock Nut Testing
[Ask about our "ON-CALL CONSULTANT" program](#)
- Coatings and Corrosion Testing – Thickness and Salt Spray Testing
- Vibration Resistance -we have a Junkers Vibration Test Machine and a Shaker Table
- Structural Bolting Testing -ROCAP, PIV and Special DOT Testing, Concrete Anchor and Screw Testing
- Sealing Fastener Leak and Pressure Testing
- Hydrogen Embrittlement Testing – from the very smallest to the very largest, including HE Recovery and Risk Management Strategy
- Metallurgy – Case Depth, Decarb, Grain Flow, Coating Thickness, etc.
- Chemistry – XRF Positive Material Identification, OES Full Spectrum Chemistry, Mill Test Report Examination for Fastener Specification Compliance
- Blind Rivet and Threaded Insert Testing
[REPLY TO THIS FLYER FOR A FREE CONSULTATION OR FASTENER TECHNICAL DRAWING!](#)
- Dimensional Inspection – Not just fasteners, we can inspect any part
- Gage Calibration – through our partner Greenslade and Company

FASTENER TESTING AND INSPECTION

Carver Labs is a network of 13 distinct in-house laboratories and external partners designed to meet any fastener testing or consultation need you may have

1920 Cordell Court, Suite 101
El Cajon, CA 92020
619 204 1543
carmenv@carverem.com

**NO EXPEDITE
CHARGES AT
CARVER LABS!**

INTERNATIONAL FASTENER EXPO 2024

SEPTEMBER 9-11, 2024 EXPO: SEPTEMBER 10-11 Mandalay Bay Convention Center, Las Vegas, NV | fastenershows.com

IFE is an essential event for anyone in the fastener industry, featuring the latest products, technologies, and networking opportunities. Whether you're a supplier, distributor, or buyer, attending this expo can provide valuable insights, connections, and resources to help grow and improve your business.



Scan the QR Code to get 50% off the price of registration and don't miss out on this valuable opportunity to stay ahead in the fastener industry!



Join us next May in **NASHVILLE!**

Fastener Fair USA is the premier exhibition in the U.S. dedicated to the full supply chain—distributors, mechanical and design engineers, purchasers, wholesalers and OEMs. From automotive to aerospace, construction to HVAC, furniture to energy, fastener professionals from every segment of the market find the latest products they need at Fastener Fair USA.

May 28-29, 2025

Music City Center, Nashville, Tennessee

Visit fastenerfairusa.com to learn more and pre-register today!