

NFDA TODAY: Your National Fastener News

August 2018



President's Message

By Kelly Cole

First let me say thank you to Kevin Miller. Kevin is the third generation of Millers to serve NFDA and has done a remarkable job. I look forward to your guidance and leadership as past president. Thank you, Kevin.

I remember avoiding the calls to serve the association community many times earlier in my career. It was Kevin Chavis (Star Stainless Screw) who was finally able to convince me to fill a vacancy on the Los Angeles Fastener Association (LAFA) board. I was unsure as to what the future might hold. And little did I know it would lead me to serve as the last president of LAFA and then as the first president of the Pacific-West Fastener Association after the unification of LAFA and the Western Association of Fastener Distributors.

At the time, I told the Pac-West board that I was not there to sit around and hash out old stuff, but instead to embrace the many opportunities to make the association strong and vibrant. I studied and read through five years of board meeting minutes to get a perspective on all of the association's topics, struggles, objectives and goals. I met with as many previous board members, presidents, and members as I could to understand the foundational values, obstacles, and opportunities.

I noted a problem with decision making and direction. I called it, "taking some time to find the bathroom." In addition, I found that some of those who had previously served had not done so out of a sense of duty but just to say they had served.

I made a promise to myself then, to serve the fastener community and to represent them as best I could. I am deeply appreciative for their support and trust. I was, (and still am) committed to working on behalf of the fastener community. Volunteer work can be suffocating and intoxicating, sometimes at the same time, but the work must always be 100% focused on the membership and impact on the community first. My work will always focus on the association community, and not on my agenda or personal ambitions.

I've been a part of the association community in many different ways. As president of Pac-West, we spun off the entity known today as the Fastener Training Institute so that it could become the training platform for the industry. Today, more than 500 people have graduated as Certified Fastener Specialists and thousands more have received top notch training from fastener basics to studying the effects of hydrogen embrittlement. I'd like to recognize John Wachman (Desert Distribution) for his tireless and unselfish devotion to FTI. I'd also like to take this opportunity to thank Rob Harris, former director of the Industrial Fasteners Institute, for recognizing how important training is to the fastener community at large and for supporting it. IFI has done amazing things for our community and we all owe them our deepest and sincerest gratitude.

I am fortunate to have been a founding member of the Fastener Education Foundation (FEF). Many of you have contributed and we thank you. FEF has a long road ahead to secure funding, provide training, and to develop the future of the many talented young people who will carry on both industry and association work. FEF looks forward to making a big impact on the fastener community.

The culture and heritage of NFDA is sacred. This is something I've learned over many years during conferences, and cocktail parties, as well as in meetings with past presidents and members alike. I'd like to thank some of those who helped me realize the importance of association community service: Joe and Ed McIlhon, Chuck Smith, Tim O'Keeffe, Ron Stanley, Bob Lehman, Vickie Lester, Bob and Barry Porteous, Wayne Golden and Tim Roberto and Bruce Wheeler, Kevin Queenin, Bill and Jim Derry, Robbie Gilchrest, Jim Ruetz, Andy Cohn, John Wachman, Adam Pratt, Kevin Chavis, Jim Law and of course, Suzanne Dukes of Hayes Bolt & Supply. And there are so many others who have had an impact on me. Thank you. And now I look forward to spending the next year serving as your NFDA president.

Thank you for the privilege to serve,

Kelly

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September 10-11, 2018

Holiday Inn La Mirada
La Mirada, California

2019 NFDA/MWFA/Pac-West Joint Conference

March 13-16, 2019

Omni San Diego Hotel
San Diego, California

2019 Annual Meeting

June 10-11, 2019

Hilton Cincinnati Netherland Plaza
Cincinnati, Ohio



Immediate Past President's Message

By Kevin Miller

To My Fellow NFDA Members:

It is bittersweet that I write my last column as now your Immediate Past President. My experience on the board has been extremely fulfilling and rewarding in many ways, and I am thankful for the opportunity to work with an incredibly great group of people.

I received a lot of kind words at the Annual Meeting, for which I am very appreciative. A special thank you to Vickie and her team and those who served alongside me. A large part of our success as a board is also due to our past leadership, and I would like to also thank the leaders that I served alongside for laying such a strong foundation: Casey McIlhlon, Kevin Reidl, Marc Strandquist and Paul Tiffany. Thank you all for setting a great example of what a leader of this organization should be!

A lot happened this year. Just 3 months ago we were in Costa Rica celebrating our 50th Anniversary and we had yet another successful Annual Meeting and ESPS in Chicago. Time flies when you're having fun! Thanks to all of you who participated in these events and I encourage more to participate in the future. It is because of you that these events are successful and valuable to our membership.

Moving forward, I can think of no one better than Kelly Cole to start the next chapter of NFDA's legacy. He has an excellent team in Dan Zehnder (Vice President) and Bruce Hayes (Associate Chair) and I look forward to working alongside them and the new board as Immediate Past President. I urge you all to provide your unwavering support to them as we continue our march. I know there will be many exciting things happening in NFDA's future and I can't wait to see them take shape.

Again, thanks to everyone for making my term fun and successful. Enjoy the rest of your summer and I will see you at the next event!

All the best,

Kevin

Welcome New NFDA Members

Shamrock International
shamrockint.com

Cardinal Fasteners
cardinalfasteners.com

Meet the 2018-2019 Board of Directors



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Trinity Logistics Corp
Vice President



Bruce Hayes
Sems and Specials
Associate Chair



Kevin Miller
Bamal Corporation
Immediate Past President



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Distributor Director



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Vertex Distribution
Associate Director



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Martin Fastening Solutions
Distributor Director



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Wurth DMB Supply
Distributor Director



Scott Somers
Mid-States Bolt & Screw
Distributor Director



Bryan Wheeler
Star Stainless Screw
Associate Director



Jun Xu
Brighton-Best International
Associate Director

NFDA/YFP Leadership Academy

September 10-11, 2018

NFDA and the Young Fastener Professionals will again partner for Leadership Academy, a program created to help develop and support the next generation of fastener leaders.

We are pleased to again bring to the event a futurist and thought-leader, Shelly Alcorn, who will facilitate a collaborative and highly interactive experience for Leadership Academy participants.

Discussion topics may include:

- What are the most pressing issues that young professionals face in their careers?
- What will the workplace of the future look like and what skills will I need to thrive?
- How do I obtain these skills?
- What career development programs, products, and resources can associations like NFDA and YFP provide that would be most valuable to young professionals?
- What are the communication challenges in the workplace and what positive strategies can be used?
- What emotional intelligence is required to persuade others effectively and to participate in decision-making?

The biggest opportunities for younger professionals are to establish relationships early in their career, to continue learning (post-formal education), and to be involved in advancing their industry. The NFDA and YFP Leadership Academy will engage professionals from all generations, to ensure a pipeline of future leaders.

Held at the Holiday Inn La Mirada in La Mirada, California, this program is limited to 36 participants. NFDA and YFP members will be given first priority. Check *nfd-fastener.org* for more information and to register online.





NFDA Fastener Standards Activity Update - Q2 2018

By John Medcalf

ASTM F16, ASME B18, and the associated subcommittees met in San Diego, California May 21-23. Some of the major activities are as follows:

ASTM F16

- The updates to ASTM F606/F606M on test methods to include a Charpy impact test method for toughness and updates to the hydrogen embrittlement test method are continuing through the balloting process.
- A revision to ASTM F2282 on quality assurance of carbon and alloy steel wire for manufacturing was moved forward that adds wording about limiting detrimental impurities that can contribute to fastener failures.
- ASTM F1941/F1941M on electroplating will undergo a detailed review at a task group level, with areas for consideration including baking requirements for SEMS and case hardened fasteners, nanostructured zinc-nickel alloy coatings, and how in-process control requirements are defined.
- In the ongoing effort to coordinate with committee B08 on surface coatings to revise their electroplating standard, ASTM B633, a full day meeting was held to review and discuss the current draft. The session was constructive, and the ballot to bring baking requirements back in line with F16 standards (above 1200 MPa or approximately HRC 39), will be put forward again.

ASME B18

- The revision of ASME B18.6.3 on machine screws and tapping screws reviewing areas such as case hardening requirements, core hardness requirements, and hydrogen embrittlement test methods was discussed and should proceed to ballot soon.
- The revision to ASME B18.6.1 on wood screws will be revived, with drywall screws now being taken out of the document. A standalone drywall screw standard will be developed.
- ASME B18.2.6 on fasteners for structural applications is being revised to updated DTI information and reflect updates within the ASTM specifications, most notably the combination standard of ASTM F3125. A ballot is expected this summer.

IFI

- The next edition of the Inch Fastener Standards book is in development, and the digital version will now include (protected) full versions of the standards.
- A subscription to an online collection of ISO fastener standards can now be purchased from the Standards Council of Canada. A link to purchase the subscription will be available from the IFI.

John Medcalf is Engineering and Business Lead for Peak Innovations Engineering and is NFDA's technical representative.

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.

International Fastener Expo

The 2018 International Fastener Expo (IFE) will take place October 30 - November 1, 2018 at the Mandalay Bay Convention Center in Las Vegas, NV. This year's event is expected to draw over 800 manufacturers and 5,000+ attendees from around the world. It is the largest and most diverse gathering of fastener and industrial professionals in North America and serves all reaches of the supply chain, from manufacturer to distributor to end user.

For the first time, the show will open its exhibit floor a half day early, Tuesday, October 30 from 1:00 – 4:00 pm for Preview Day followed by two full exhibit days. On Preview Day, attendees and exhibitors will only have access to the Machinery & Tooling area and SourceGlobal, where distributors and master distributors can explore new suppliers and products.

Once again, the show will kick off with the annual Welcome Reception, Tuesday, October 30 from 6:00 – 8:00 p.m. at the Daylight Pool of the Mandalay Bay Resort & Casino. Attendees and exhibitors can mix and mingle while listening to a live DJ and enjoying light appetizers and beverages.

IFE has partnered with the Fastener Industry Coalition to honor inductees into the Fastener Hall of Fame and recipients of the Young Fastener Professional award at its annual event in Las Vegas. For 37 years, the "Hall of Fame" has recognized and honored exemplary professionals who have made significant contributions to the fastener industry. The ceremony will also commemorate the winner of the "Young Fastener Professional" award which is presented to a fastener professional under the age of 40 who has actively engaged in advancing the industry. The award ceremony will take place in the sessions corner on the show floor, Wednesday, October 31 from 2:30 – 3:30 p.m.

IFE is also offering a comprehensive seminar track of sessions and workshops over the course of the show. There will be a full day of educational sessions on October 30 and various 30-minute to hour-long sessions on the show floor during the rest of the show. A full list of sessions and workshops is available on IFE's website. Check fastenershows.com for more information and to register online.

As always, NFDA will have a booth – visit us!

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

**INTERNATIONAL
FASTENER EXPO**



Fastener Technology Update

To Test or Not to Test - What Should Fastener Suppliers Do?

By Carmen Vertullo

That is the question. And here is the answer. The answer is – it depends.

Nobody likes that answer, because it requires an answer to an even more difficult question. Depends on what? Let's answer that question first. There are actually 5 "it depends" questions:

1. Where are you in the supply chain?
2. When is the testing done?
3. Who is doing the testing?
4. What tests are needed?
5. Why do you want to test?

Who, what, where, when and why – sounds like a journalism class!

Let's take them one at a time.

Depending on **where** you are in the supply chain, fastener testing may be mandatory. If you are the manufacturer of the fastener, then all tests required by the fastener specification or drawing must be done. It does not matter if the customer asks for the tests, or the test reports, or not. The tests must be done. If you are an importer, this is an important risk management decision. Even though your manufacturing partners have done all the necessary testing, you may want to control risks by doing some additional testing. If you are a distributor, you are depending on your suppliers to perform all the required testing and have the reports available. It is a good idea to trust but verify, especially for high-value transactions and made-to-print items. Distributors should use fastener testing as a cornerstone of their risk management strategy. Usually they figure this out when they discover their customers test their products as well.

When to test? Obviously, the manufacturer tests at the time the fasteners are made. Typically, the importer or the distributor, or even the end user, will test subsequent to manufacturing. If you are a supplier of structural bolting you know your products are subject to both job-site and laboratory testing. For high-value and high-risk transactions the importer and distributor should consider testing the product before it enters their link in the supply chain. Nobody likes the test they have to conduct after the product is in the supply chain and is suspected of not being in conformance.

Who tests depends on where the capability to test exists. Most manufacturers have in-house testing laboratories, and so do some importers and distributors. Those who do not rely on third party accredited test labs. This is a good strategy if you understand how the lab works and how to get your work done properly. Done incorrectly or minus a well-thought-out-strategy, outside lab testing can actually create unnecessary risk in the supply chain. Much money and time is wasted doing unnecessary testing and opportunity is lost to improve the product quality when required tests are not done.

What tests to conduct is perhaps the most important of the "it depends" questions. This decision must be made with full knowledge and understanding of the specification requirements. All materials testing laboratories do not have the background and experience to make the decision on what to test, and they may not want the role of deciding for you what tests to conduct. The tests you choose will impact both the cost and lead time of your products. If the tests are chosen properly then testing should actually lower your cost and have minimal to zero impact on lead time.

Why to test comes down to the basic motivation of the supplier. Many suppliers suffer lost sales, lost customers and scrap product because they do not ask this most basic and important question. Laboratory testing should be a key part of every fastener supplier's risk management strategy. The reasons to test are that it will ensure the safety and quality of your products, it will lower your overall costs, it will provide comfort to your sales staff, and it is a requirement of most specifications.

To test or not to test? Yes, test. Sounds like a simple decision and it is. If you are thinking you need to incorporate fastener testing into your QMS, or the testing you are now doing is not bringing overall satisfactory results, asking and answering these questions will help you to put together an effective risk management strategy that involves fastener testing.

Carmen Vertullo is the Founder of the Carver FACT (Fastening Applications, Consulting and Training) Center in San Diego, CA. Carmen can be reached at (619) 440 5888 or carmenv@carverem.com

Training Opportunities

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

- August 20-24 Fastener Training Week - Chicago, Illinois
- September 13 Fastener Basics - Portland, Oregon
- September 21 Webinar: Fastening Into Plastics - Online
- October 16 Fastening Testing Seminar - Rancho Cucamonga, California
- October 19 Webinar: The Use, Misuse and Abuse of Torque Wrenches - Online
- October 30 Fastener Technology Workshop - Las Vegas, Nevada



NFDA members receive discounted registration on FTI seminars and webinars. For more information and a list of all FTI events visit FastenerTraining.org.



Save the Date!

March 13-16, 2019 NFDA will have a joint meeting with the Mid-West Fastener Association and the Pacific-West Fastener Association at the Omni San Diego Hotel. Plan to join us in sunny San Diego, California!



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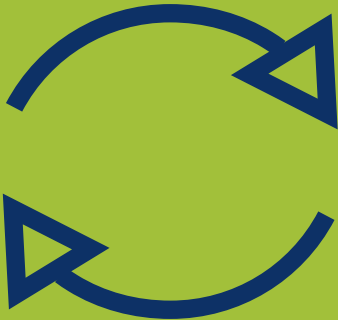
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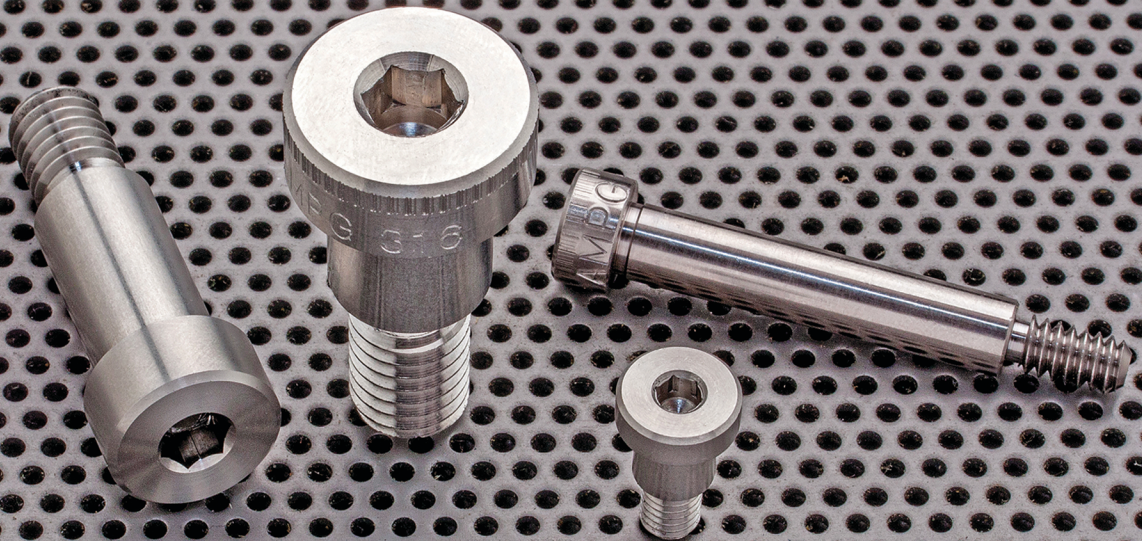
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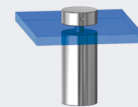
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Features

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- Anti-UVA & UVB & Scratchcoat clear lenses.

Part No.	Description
M15041	Veratti GT Bifocals +1.5 Anti-UVA & UVB & Scratchcoat Clear Lenses
M15042	Veratti GT Bifocals +2.0 Anti-UVA & UVB & Scratchcoat Clear Lenses



Part No.	Description
M15043	Veratti GT Bifocals +2.5 Anti-UVA & UVB & Scratchcoat Clear Lenses

CLEAR SAFETY GLASSES WITH ANTI-UVA & UVB & ENFOG ANSI Z87.1 COMPLIANT

Features

- Anti-UVA & UVB & ENFOG clear lenses.

Part No.	Description
M15050	Veratti 429 Anti-UVA & UVB & ENFOG Clear Lenses



GRAY SAFETY GLASSES WITH ANTI-UVA & UVB & ENFOG ANSI Z87.1 COMPLIANT

Features

- Anti-UVA & UVB & ENFOG gray lenses.

Part No.	Description
M15051	Veratti 429 Anti-UVA & UVB & ENFOG Gray Lenses



PROFFERED 100 CLEAR LENS SAFETY GLASSES ANSI Z87.1 COMPLIANT

Features

- Economical lightweight glass offers superior protection.
- Optically correct and distortion free lenses.
- Offering protection against high speed particles at extremes of temperature, -5°C~55°C.
- UV 400 lenses provide maximum protection from harmful UV-A and UV-B rays.

Part No.	Description
M15100	Proffered 100 Clear Lens HC Safety Glasses



Part No.	Description
M15101	Proffered 100 Clear Lens AS&AF Safety Glasses

PROFFERED 100 SMOKE LENS SAFETY GLASSES ANSI Z87.1 COMPLIANT

Features

- Economical lightweight glass offers superior protection.
- Optically correct and distortion free lenses.
- Offering protection against high speed particles at extremes of temperature, -5°C~55°C.
- UV 400 lenses provide maximum protection from harmful UV-A and UV-B rays.

Part No.	Description
M15102	Proffered 100 Smoke Lens HC Safety Glasses



Part No.	Description
M15103	Proffered 100 Smoke Lens AS&AF Safety Glasses

PROFERRED 100 YELLOW/AMBER LENS HC SAFETY GLASSES, ANSI Z87.1 COMPLIANT

Features

- Economical lightweight glass offers superior protection.
- Optically correct and distortion free lenses.
- Offering protection against high speed particles at extremes of temperature, -5°C~55°C.
- UV 400 lenses provide maximum protection from harmful UV-A and UV-B rays.

Part No.	Description
M15104	Proferred 100 Yellow/Amber Lens HC Safety Glasses



PROFERRED 100 I/O MIRROR LENS SAFETY GLASSES ANSI Z87.1 COMPLIANT

Features

- Economical lightweight glass offers superior protection.
- Optically correct and distortion free lenses.
- Offering protection against high speed particles at extremes of temperature, -5°C~55°C.
- UV 400 lenses provide maximum protection from harmful UV-A and UV-B rays.

Part No.	Description
M15106	Proferred 100 I/O Mirror Lens Safety Glasses



PROFERRED 100 CLEAR BIFOCAL LENS HC SAFETY GLASSES, ANSI Z87.1 COMPLIANT

Features

- Economical lightweight glass offers superior protection.
- Optically correct and distortion free lenses.
- Offering protection against high speed particles at extremes of temperature, -5°C~55°C.
- UV 400 lenses provide maximum protection from harmful UV-A and UV-B rays.

Part No.	Description
M15110	Proferred 100 Clear Bifocal+1.0D Lens HC Safety Glasses
M15111	Proferred 100 Clear Bifocal+1.5D Lens HC Safety Glasses
M15112	Proferred 100 Clear Bifocal+2.0D Lens HC Safety Glasses



Part No.	Description
M15113	Proferred 100 Clear Bifocal+2.5D Lens HC Safety Glasses
M15114	Proferred 100 Clear Bifocal+3.0D Lens HC Safety Glasses

PROFERRED 100 MINI CLEAR LENS SAFETY GLASSES ANSI Z87.1 COMPLIANT

Features

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- Economical lightweight glass offers superior protection.
- Optically correct and distortion free lenses.
- Offering protection against high speed particles at extremes of temperature, -5°C~55°C.
- UV 400 lenses provide maximum protection from harmful UV-A and UV-B rays.
- Offers highest available impact protection, which meets or exceeds ballistic fragmentation impact standards per MIL PRF-32432, Clause 3.6.3.

Part No.	Description
M15120	Proferred 100 Mini Clear Lens HC Safety Glasses



Part No.	Description
M15121	Proferred 100 Mini Clear Lens AS&AF Safety Glasses

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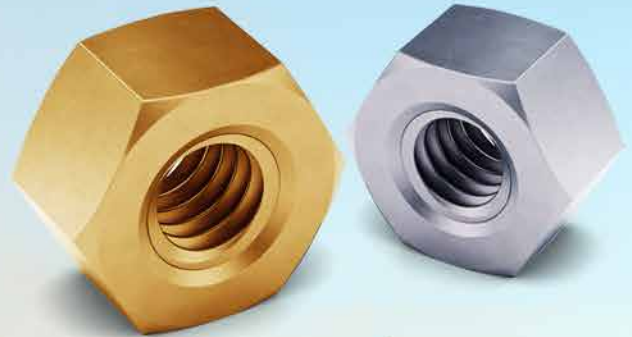
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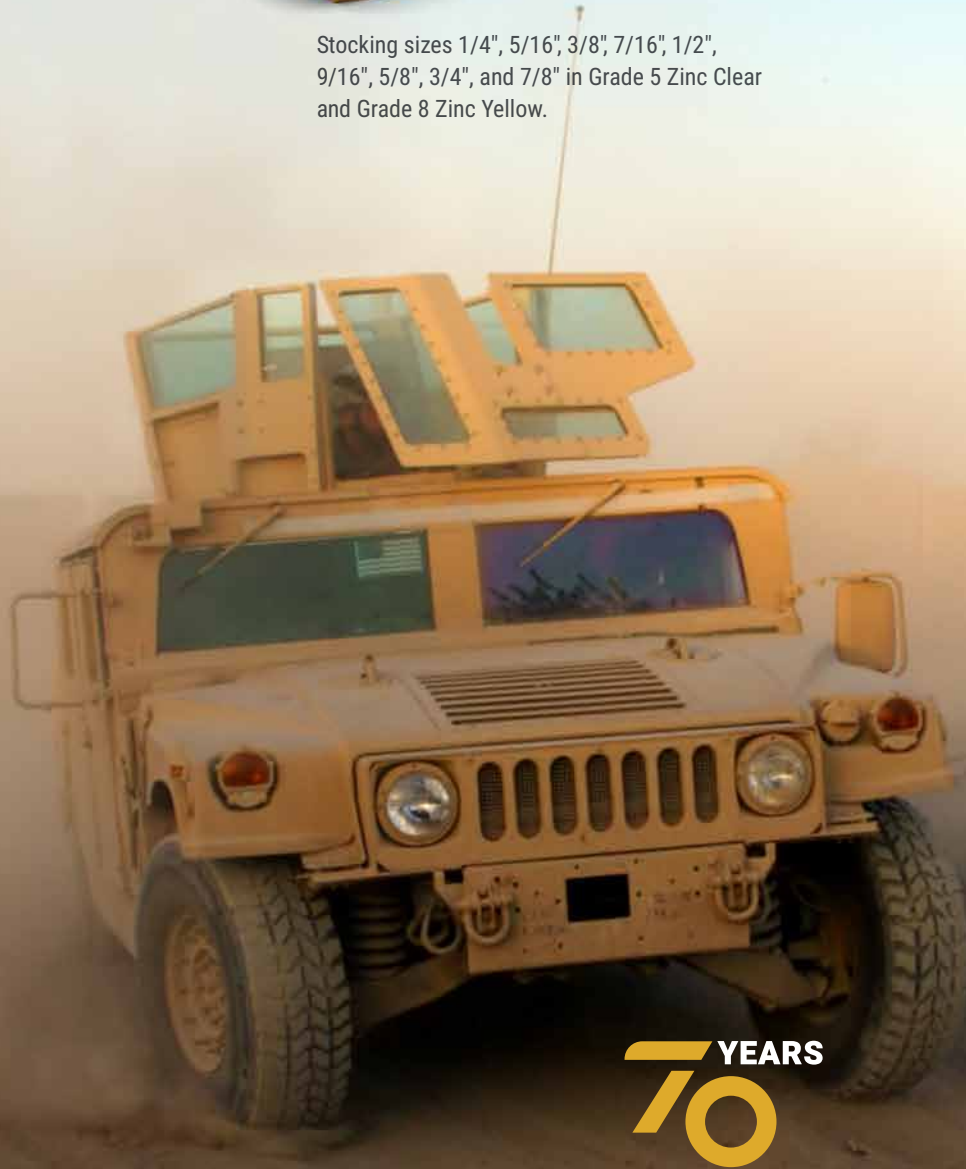


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 300 Series Stainless Steel	 400 Series Stainless Steel	 200 Series Stainless Steel
 300 Series Stainless Steel	 300 Series Stainless Steel	 200 Series Stainless Steel

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006				67004-0006	63006H				62006H				57060
008				67004-0008	63008H				62008H				57080
010				67004-0010	63010H				62010H				57100
012				67004-0012	63012H				62012H				57120
016				67004-0016	63016H				62016H				57160
020				67004-0020	63020H				62020H				57200
024				67004-0024	63024H				62024H				57240
028				67004-0028	63028H				62028H				57280
032				67004-0032	63032H				62032H				57320
036				67004-0036	63036H				62036H				57360
040				67004-0040	63040H				62040H				57400
044				67004-0044	63044H				62044H				57440
048				67004-0048	63048H				62048H				57480
052				67004-0052	63052H				62052H				57520
056				67004-0056	63056H				62056H				57560
060				67004-0060	63060H				62060H				57600
064				67004-0064	63064H				62064H				57640
072				67004-0072	63072H				62072H				57720
080				67004-0080	63080H				62080H				57800
088				67004-0088	63088H				62088H				57880
096				-	-				62096h				57960
104				67004-0104	63104H				62104H				57104
128				-	-				-				-

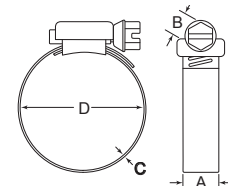
* Not an exact match. Standard Heritage Industrial clamps feature a 400 Series Stainless Steel band.

9/16" Heavy Duty Hose Clamps

SAE SIZE	PREMIUM				
	300 SS	300 SS	300 SS	Ideal-Tridon Series 63-4	Norma / Breeze Series 600
006				63004-0006	-
008				63004-0008	-
010				63004-0010	600-10H
012				63004-0012	600-12H
016				63004-0016	600-16H
020				63004-0020	600-20H
024				63004-0024	600-24H
028				63004-0028	600-28H
032				63004-0032	600-32HB
036				63004-0036	600-36H
040				63004-0040	600-40H
044				63004-0044	600-44H
048				63004-0048	600-48H
052				63004-0052	600-52H
056				63004-0056	600-56H
060				63004-0060	600-60H
064				63004-0064	600-64H
072				63004-0072	600-72HB
080				63004-0080	600-80H
088				63004-0088	600-88H
096				63004-0096	600-96HB
104				63004-0104	600-104HB
116				63004-0116	600-116H
128				63004-0128	600-128H
140				63004-0140	600-140H
152				63004-0152	600-152H
164				63004-0164	600-164H
176				63004-0176	600-176H
188				63004-0188	600-188H

5/16" Mini Hose Clamps

SAE SIZE	PREMIUM				
	300 SS	300 SS	300 SS	Ideal-Tridon Series 62M	Norma / Breeze Series 3700
004				62604	3704
005				62M05	-
006				62606	3706
008				62M08	3708
010				62M10	3710
012				62M12	3712
016				62M16	3716
020				62M20	3720
024				62M24	3724
028				62M28	3728
032				62M32	3732
036				62M36	-



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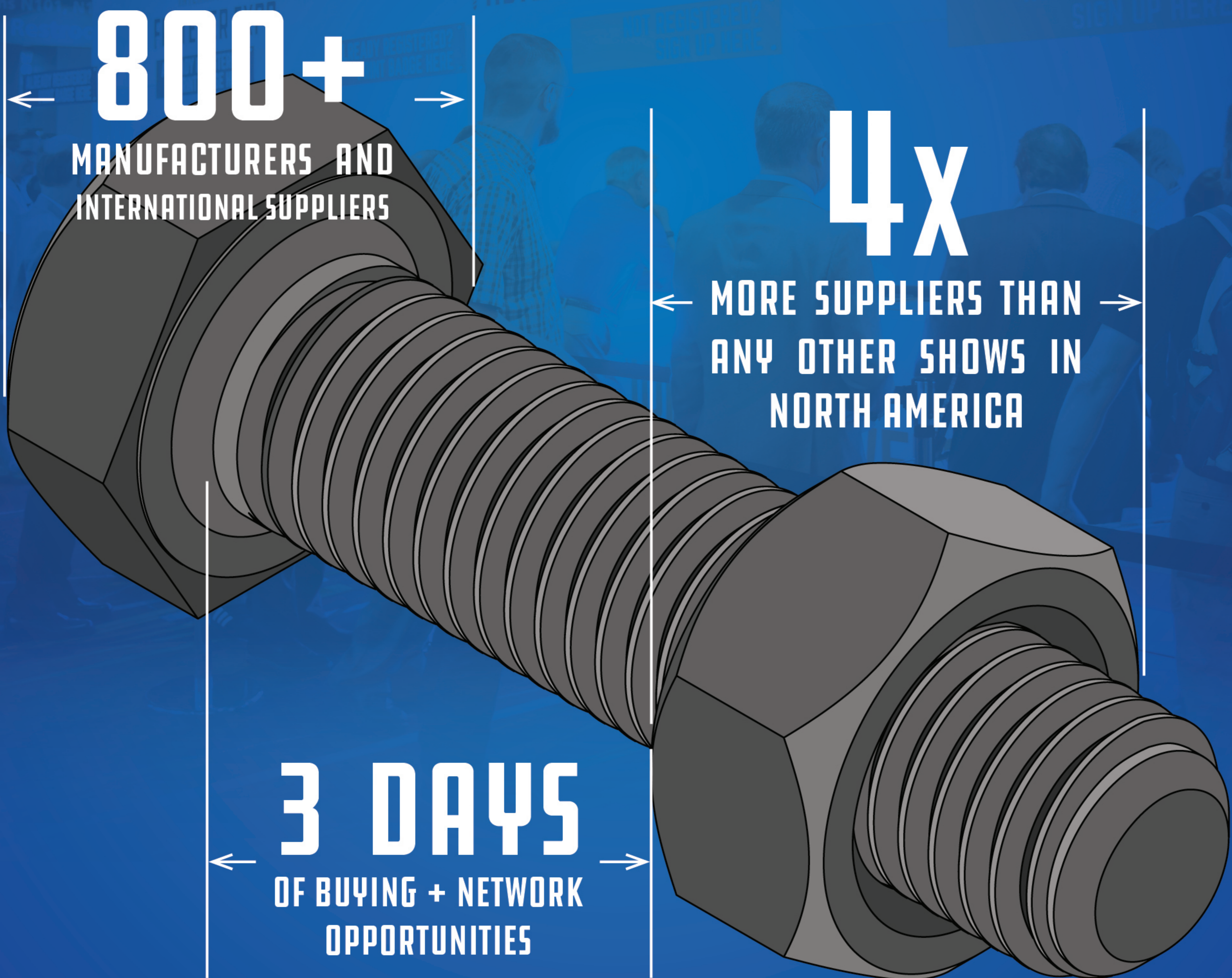
** Some Exclusions Apply

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