

PROUDLY MADE IN THE U.S.A.

Allen™ Industrial Hand Tools are proudly designed and manufactured in the USA and meet the Federal Trade Commissions “all or virtually all” ruling reaffirmed in December 1997. Each tool that bears the Made in the USA mark has earned this honor and represents our commitment to uncompromising quality and durability.

WARRANTY

Allen Industrial Hand Tools feature a lifetime warranty to insure your complete satisfaction. If any Allen tool does not perform satisfactorily, when used for its intended purpose, return it to the place of purchase for repair or replacement free of charge. Normal wear or misuse is excluded. Upon factory inspection, tools showing evidence of abuse, misuse, worn-out, altered, or used for purposes other than intended are not covered under this warranty. Increasing and Reducing Adapters are stamped “Not Warranted” and are not covered under this policy.

There is a limited warranty on Serviceable Product (torque wrenches) one year from date of purchase. (Torque wrench calibration warranty period - 90 days). For further information, please contact your Allen Industrial Distributor or Allen Sales Representative, or refer to your Allen Price List for complete details.

LIABILITY

The Danaher Tool Group is not responsible for personal injury or damage resulting from improper tool usage, product modification, abuse, or usage beyond expected product life.

FEDERAL AND ANSI SPECIFICATIONS

Federal and ANSI specifications contained in this catalog are intended as a guide only for tool classification and do not infer that the tool identified is in full compliance with the specification indicated. In addition, where specifications are listed, certain Black Ox™ (black oxide) tools may meet full dimensional compliance, except for coatings. For specific information regarding compliance, contact your Allen Industrial Distributor, Allen Sales Representative, or Allen customer service at 1-800-866-5753.

DIMENSIONS

All dimensions shown in this catalog are nominal. If minimum/maximum dimensions must be determined, please contact your Allen Industrial Distributor, Allen Sales Representative, or Allen customer service at 1-800-866-5753.

Finishes, materials, dimensions, and designs are subject to change without notice. Allen also reserves the right to discontinue items at any time without notice as part of our ongoing product development.

WHERE TO BUY ALLEN INDUSTRIAL HAND TOOLS

Allen Industrial Hand Tools are stocked and distributed by Industrial Distributors throughout the U.S.A. and Canada. If you need the name of your local Allen Industrial Distributor, please contact Allen customer service at 1-800-866-5753.

SAFETY

Safety Recommendations:

- Protect your eyes: always wear safety goggles.
- Maintain all tools in proper working order and never modify a tool from its original design to accomplish a task for which it was not intended.
- Always select a tool in the correct size and type for the job to be accomplished.
- Inspect all tools prior to use and discard those that are damaged or excessively worn.
- Do not attempt to increase the leverage of any tool with a pipe extension or other “cheater” device.
- When possible, always pull on a wrench handle rather than push and adjust your stance to prevent a fall.
- Never hammer on a wrench handle or use a wrench as a striking tool.
- Discard all hammers with a loose or damaged handle and always be certain that hammer heads are tight on the handle.
- Discard all nut drivers and screwdrivers with split or broken handles. They cannot be used efficiently and may cause injury.
- Screwdrivers are intended for screw driving only. Do not attempt to use them as punches, chisels, scrapers or pry bars.
- Discard all chisels or punches with a dull, chipped, defective cutting edge or point or mushroomed struck face.
- Adjustable wrenches should be tightly adjusted to the nut and pulled so that the force is on the side of the fixed jaw.
- Chrome finished hand sockets or attachments are designed for use on manually operated drive tools only and should not be used on power tools. Black Ox™ (black oxide) impact sockets and attachments are designed for use on power tools but may also be used for manual operation.

To learn more about the selection, safety tips and proper use of your Allen hand tools, you can obtain HTI's Guide to Hand Tools, compliments of Allen Industrial Hand Tools. Contact your Allen Industrial Distributor, Allen Sales Representative, or Allen customer service at 1-800-866-5753. Depending on the quantity ordered, there may be a nominal charge.





Allen™ Heritage

To the industrial tool market, it means quality. In 1910, William G. Allen patented a cold drawing process for making hex socket set screws that were stronger than any other at the time. These quality fasteners demanded quality tools, so it wasn't long before the Allen hex wrench

was created. As the business grew, so did Allen's reputation for uncompromising quality. Today, the makers of the number one hex key in the world have put nearly a century of experience into an industrial hand tool line with the quality, durability and value worthy of the name Allen.

Allen™ Industrial Hand Tools

Specially designed for demanding industrial tool users.

Our industrial hand tool line is built with Allentough features and the strength and durability to stand up to your customers' daily punishments.

Allen tools offer:

- Heavy duty teardrop shaped ratchets with single hand reversing and lock-on/quick release design, as well as our new round head ratchets which offer superior torque and durability.
- Patented Torque-Wrap® design for superior torque strength and longer ratchet life.
- Exclusive Allendrive® socket and wrench designs for more torque strength with less chance of fastener rounding.

We've brought this innovative thinking to a full line of industrial tools. So when your customers ask for strength, durability, comfort and convenience, you can offer it all in one high-quality, high performance line from Allen.



Allen™ Superior Quality

It starts with the latest manufacturing technology and ends with a full lifetime warranty.

To make tools that last, we've made significant investments in CNC machinery and advanced

forming technology. This is how we are able to deliver outstanding quality and consistency at the most competitive cost. Allen industrial hand tools are proudly made in the USA and backed by a full lifetime warranty.

Allen™ Service Excellence

We're committed to being business partners. There's more to the Allen industrial line than tough durable tools. It also includes comprehensive service and support. We've been dedicated to the industrial market since 1910 and support you with a complete distributor program:

- Experienced direct Allen Area Sales Representatives
- Knowledgeable customer service team

- Comprehensive marketing and support programs
- Dedicated 800 phone and fax ordering numbers for quick response
- Electronic Data Interchange (EDI) is available. For more information, contact our EDI coordinator.

Allen™ . The Strength Behind The Name.

With Allen, you not only get exceptional quality, strength and durability from our extensive product line, you also get the strength behind the name. In addition to being number one in hex keys and recognized as the source for industrial hand tools, Allen is also part of America's largest manufacturer of ratchets, sockets and wrenches, the Danaher Tool Group. Danaher industrial product lines include some of the most well recognized brand names in the industry:

- Armstrong® Industrial Tools

- Jacobs® Drill Chucks and Accessories
- Holo-Krome® Socket and Screw Products
- K-D® Specialty Tools

This powerful product array gives you a single source for one of the industry's most extensive product offerings. This unique alliance together with world class manufacturing, technology, and total customer satisfaction insures that whatever your customers need, Allen Industrial Hand Tools can provide the right tool for the job.

Allen™ . When You Expect A Lot From Your Hand Tools.

When you want an industrial hand tool line with heritage, performance and value, all backed by

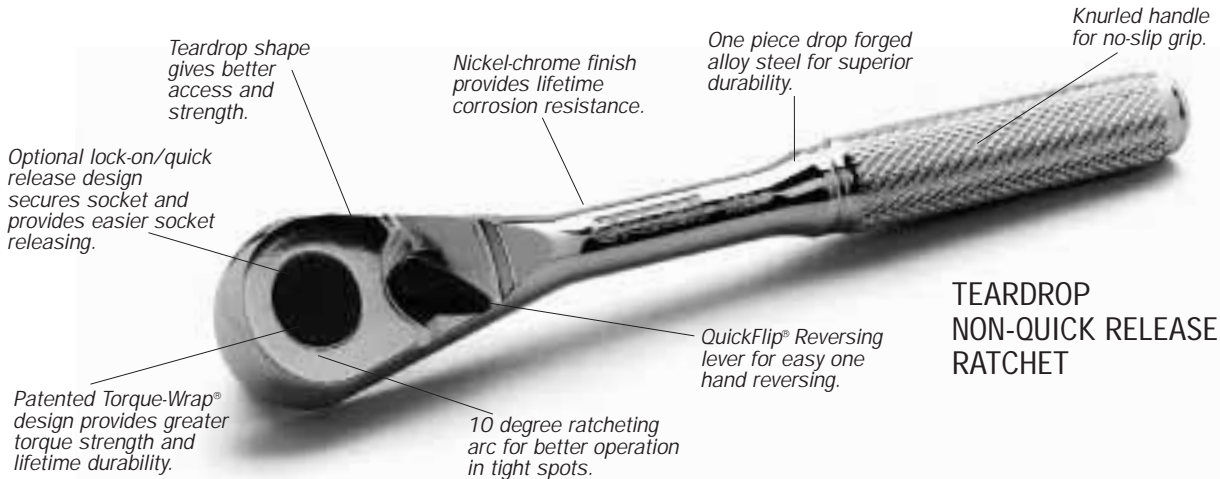
outstanding service and support, one name should come to mind. Allen.

DRIVE TOOLS

Allen ratchets are lab tested and exceed the torque strength and durability of competitive ratchets. Our new round head ratchets offer the same high performance with a distinctive industrial finish. Allen ratchets are

available in a full range of sizes and styles.

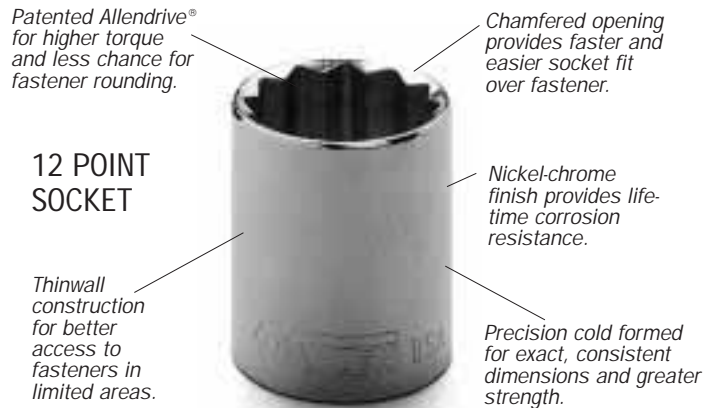
- Drive sizes from 1/4" to 1"
- Teardrop, round head and flex head ratchets
- Quick release and non-quick release



SOCKETS

Allen sockets are designed for optimum strength and durability and manufactured to meet or exceed ANSI and government torque performance specifications. They are available in a full range of fractional and metric sizes.

- 6 and 12 point sockets
- Standard, deep and universal sockets
- Spark plug sockets
- Impact sockets
- Flex and hex bit sockets

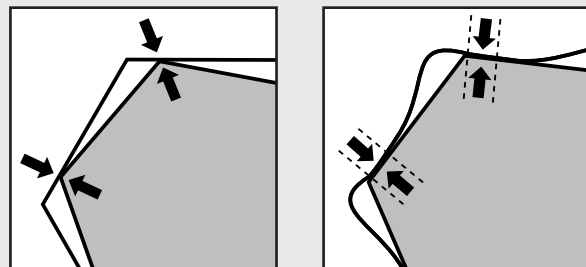


BLACK OX™

Allen now offers its Black Ox™, black industrial finish on a full-range of industrial tools including: ratchets, wrenches and accessories. Manufactured with the same precision and quality found in the entire Allen line, these tools are the ideal choice for demanding industrial applications including non-plated requirements.



ALLENDRIVE®



Ordinary sockets and wrenches contact the fastener at its corners. In high torque situations, this can lead to a rounding of the fastener and tool slippage. Allendrive® tools grip the fastener across a broader contact area and allow for greater torque loads without tool slippage.

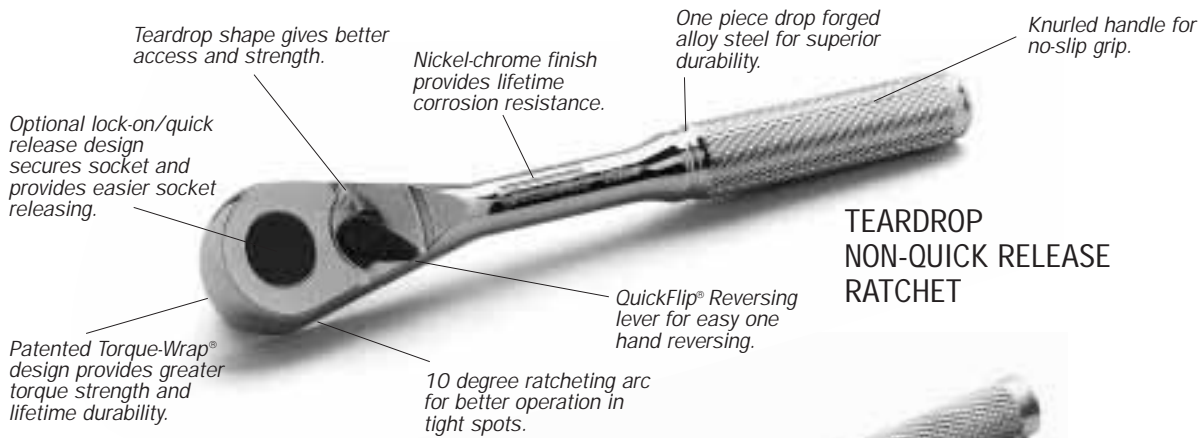
DRIVE TOOLS & SOCKETS

IN THIS SECTION:

Our heavy duty line of drive tools, sockets and accessories are shown in a sequence from 1/4" to 1" drive with the metric equivalents noted where available. Product categories are listed in the following order:

- Ratchets: heavy duty teardrop and round head
- Flex handles

- Speeder handles
- Spinners
- Extensions
- Universal joints
- Adapters
- Sockets: standard, deep, impact (available in 6 pt. or 12 pt.) & hex bit
- Socket sets



**TEARDROP
NON-QUICK RELEASE
RATCHET**

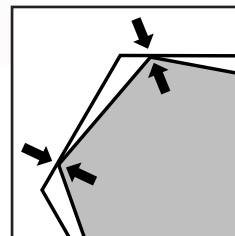


**NEW ROUND
HEAD RATCHET**

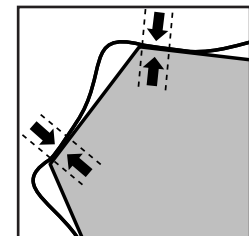
Allen now offers its new round head ratchet. A cost-effective alternative, the round head ratchet provides the same torque strength and durability as the teardrop shaped ratchet, with an 8° ratcheting arc for even greater versatility in tight spots.



**Allendrive®
Socket**



Ordinary Socket



Allendrive® Socket

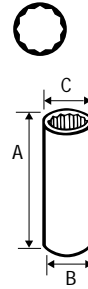
Ordinary sockets contact the fastener at its corners. In high torque situations, this can lead to a rounding of the fastener and socket slippage. The Allendrive® socket grips the fastener across a broader contact area and allows for greater torque loads without socket slippage.

All drive tools and sockets are proudly made in the U.S.A. and feature a lifetime warranty.

12 PT. — DEEP SOCKETS

Item Number	Size (Inch)	Dimensions			Weight (lbs)
		A	B	C	
12260	1/2	3.267	.876	.754	.25
12261	9/16	3.267	.876	.818	.25
12262	5/8	3.267	.876	.876	.25
12263	11/16	3.267	.967	.967	.25
12264	3/4	3.267	1.042	1.042	.31
12265	13/16	3.267	1.130	1.130	.38
12266	7/8	3.267	1.195	1.195	.38
12267	15/16	3.267	1.274	1.274	.44
12268	1	3.267	1.274	1.274	.44
12269	1 1/16	3.267	1.426	1.426	.63
12270	1 1/8	3.267	1.507	1.507	.63

Fed. Std. GGG-W-641e ANSI Spec. B107.1



6 PT. — SPARK PLUG SOCKETS

Item Number	Size (Inch)	Length	Weight (lbs)
12412	5/8	2.455	.27
12415	13/16	2.513	.27

Fed. Std. GGG-W-641e ANSI Spec. B107.1



HEX BIT SOCKETS

Item Number	Size (Inch)	Dimensions		Weight (lbs)
		A	B	
58836	1/4	3.120	.940	.25
58838	5/16	3.120	.940	.25
58840	3/8	3.120	.940	.31
58842	7/16	3.120	.940	.38
58844	1/2	3.120	.940	.50
58846	9/16	3.120	1.189	.75
58848	5/8	3.120	1.189	.81

