

Torque Tool Solutions



A



SureWerx™

Brand

American Forge & Foundry offers an extensive selection of professional torque tools for a wide variety of applications. Using only the most advanced manufacturing processes, our torque tools offer unsurpassed accuracy, durability and performance to make sure the job gets done safely and efficiently.

Torque Limiting Sockets

Torque limiting sockets are built with specific torque ratings and are generally used with an air tool when tightening a fastener or wheel lug nut. Once the specified amount of torque is reached, the “torque stick” will contract and resist further tightening of the fastener. American Forge & Foundry offers a large assortment of drive sizes and torque specifications to provide maximum speed, accuracy and convenience

Speed—American Forge & Foundry offers easy-to-use wall charts that help identify which torque rating is needed without having to refer to separate manuals. Individual color coding also allows workers to recognize frequently used tools at a glance.

Accuracy—Because torque limiting sockets are designed with no moving parts, they do not require recalibration, and can offer mechanics a high level of precision and accuracy when used properly.

Convenience—Torque limiting sockets lets you choose the specific torque tool you need for the entire fastener or lug nut tightening process. No more tool changes, interruption of workflow or multiple adjustments needed.



40200

Torque Limiting Socket Sets

MODEL	DESCRIPTION		
40200	1/2" 10 PC Metric/SAE Torque Limiting Socket Set		
Includes:			
MODEL	SIZE	FT-LBS	COLOR
40205	17mm	45	Evergreen (H)
40210	17mm	80	Red (G)
40215	19mm - 3/4"	65	Yellow (F)
40220	19mm - 3/4"	80	Blue (E)
40225	21mm	80	Orange (B)
40230	13/16"	100	Brown (A)
40235	19mm - 3/4"	100	Gray (C)
40240	7/8"	120	White (I)
40245	7/8"	140	Aqua (Q)
40250	15/16"	135	Lime Green (T)

- Helps prevent damage to wheels, studs and brake rotors that can result from inaccurate torque
- Socket stops turning once specified torque is achieved and absorbs any extra impact
- Built-in socket sizes provide added user convenience and versatility
- Constructed with durable chrome molybdenum spring steel
- Powder coated finish provides superior scratch and corrosion resistance
- Size and torque rating are roll stamped on the drive end for easy identification
- Sets include carrying case for easy storage and organization



40220

3/4"
DRIVE

80
ft-lb



40400

Torque Limiting Socket Sets

MODEL	DESCRIPTION		
40300	3/4" 4 PC Metric/SAE Torque Limiting Socket Set		
Includes:			
MODEL	SIZE	FT-LBS	COLOR
40301	1-1/4"	250	Red
40302	1-5/16"	475	Brown
40303	1-1/2"	475	Black
40304	13/16"	475	Yellow
40400	1" 4 PC Metric/SAE Torque Limiting Socket Set		
Includes:			
40401	1-1/4"	250	Red
40402	1-5/16"	475	Brown
40403	1-1/2"	475	Black
40404	13/16"	475	Yellow





Torque Limiting Socket Individual Sizes

MODEL	DRIVE	SIZE	FT-LBS	COLOR
40202	1/2"	14mm	75	Dark Purple (UU)
40205	1/2"	17mm	45	Evergreen (H)
40207	1/2"	17mm	90	Pink (CC)
40208	1/2"	17mm	110	Purple (K)
40210	1/2"	17mm	80	Red (G)
40211	1/2"	19mm	55	Light Blue (S)
40212	1/2"	19mm - 3/4"	90	Gold (NN)
40213	1/2"	19mm	120	Dark Gray (KK)
40214	1/2"	19mm	145	Honey Yellow (JJ)
40215	1/2"	19mm - 3/4"	65	Yellow (F)
40217	1/2"	19mm	180	Yellow Gray (FF)
40220	1/2"	19mm - 3/4"	80	Blue (E)
40221	1/2"	21mm	60	Black (D)
40222	1/2"	21mm	100	Sky Blue (DD)
40223	1/2"	21mm	110	Silver (SS)
40224	1/2"	21mm	150	Torquoise (BB)
40225	1/2"	21mm	80	Orange (B)
40230	1/2"	13/16"	100	Brown (A)
40231	1/2"	13/16"	75	Neon Green (OO)
40232	1/2"	13/16"	160	Vanilla (XX)
40235	1/2"	19mm - 3/4"	100	Gray (C)
40240	1/2"	7/8"	120	White (I)
40241	1/2"	7/8"	65	Light Tan (Z)
40242	1/2"	7/8"	100	Navy Blue (Y)
40245	1/2"	7/8"	140	Aqua (Q)
40250	1/2"	15/16"	135	Lime Green (T)
40251	1/2"	22 mm	80	Lemon Green (AA)
40252	1/2"	22mm	95	Salmon (QQ)
40253	1/2"	22mm	110	Copper (VV)
40254	1/2"	22mm	140	Safety Purple (EE)
40255	1/2"	22mm	150	Neon Pink (TT)
40256	1/2"	22mm	175	Bubble Gum (LL)
40260	1/2"	1"	140	Tan (J)
40262	1/2"	1"	170	Apple Green (L)
40270	1/2"	1-1/16"	80	Beige (GG)
40272	1/2"	1-1/16"	100	Light Orange (HH)
40274	1/2"	1-1/16"	140	Maroon (V)



40304

3/4"
DRIVE

475
ft-lb



Torque Limiting Socket Individual Sizes

MODEL	DRIVE	SIZE	FT-LBS	COLOR
40301	3/4"	1-1/4"	250	Red
40302	3/4"	1-5/16"	475	Brown
40303	3/4"	1-1/2"	475	Black
40304	3/4"	13/16"	475	Yellow
40305	3/4"	1"	475	Orange

Torque Limiting Socket Display

- A great way to organize your AFF torque sticks and extensions in the shop or in a store
- High grade powder coated steel construction is durable in any environment
- Designed to display up to 10 torque limiting sockets or extensions



49999



40401



1"
DRIVE

250
ft-lb



Torque Limiting Socket Individual Sizes

MODEL	DRIVE	SIZE	FT-LBS	COLOR
40401	1"	1-1/4"	250	Red
40402	1"	1-5/16"	475	Brown
40403	1"	1-1/2"	475	Black
40404	1"	13/16"	475	Yellow
40405	1"	33mm	550	Grey

Integrated socket sizes provide added convenience

Powder coat finish resists chipping, scratching and fading

Long pattern design provides improved reach

Constructed with professional grade chrome molybdenum steel

Maintenance and recalibration-free design



Torque Limiting Extensions

Torque Limiting Extensions or torque extension bars share the same design as torque limiting sockets, however, torque extensions do not include a built-in socket. The square end of the extension is built with a socket retainer and can be used with a variety of thin wall or mag wheel impact sockets.

1/2"
DRIVE

80
ft-lb

40080



40012

Torque Limiting Extension Set

MODEL	DESCRIPTION	
40012	1/2" 5 PC Torque Limiting Extension Set	
Includes:		
MODEL	FT-LBS	COLOR
40065	65	Yellow (F)
40080	80	Blue (E)
40100	100	Gray
40120	120	White (I)
40140	140	Aqua (Q)

MODEL	FT-LBS	COLOR
40065	65	Yellow (F)
40080	80	Blue (E)
40100	100	Gray
40120	120	White (I)
40140	140	Aqua (Q)

- Includes the most popular torque specifications for most automotive applications
- Constructed with durable chrome molybdenum spring steel
- Powder coated finish provides superior scratch and corrosion resistance
- Size and torque rating are roll stamped on the drive end for easy identification
- Includes carrying case for easy storage and organization

Torque Limiting Extension Individual Sizes

MODEL	DRIVE	FT-LBS	COLOR
40045	1/2"	45	Evergreen (H)
40055	1/2"	55	Light Blue (S)
40060	1/2"	60	Black (D)
40065	1/2"	65	Yellow (F)
40075	1/2"	75	Neon Green (00)
40080	1/2"	80	Blue (E)
40091	1/2"	90	Gold (NN)
40100	1/2"	100	Gray C
40110	1/2"	110	Purple (K)
40120	1/2"	120	White (I)
40140	1/2"	140	Aqua (Q)
40150	1/2"	150	Torquoise (G)
40160	1/2"	160	Orange (B)
40170	1/2"	170	Apple Green (L)



40306

3/4"
DRIVE

175
ft-lb

Torque Limiting Extension Individual Sizes

MODEL	DRIVE	FT-LBS	COLOR
40306	3/4"	175	Yellow
40307	3/4"	250	Yellow
40308	3/4"	350	Yellow
40309	3/4"	475	Yellow

Torque Limiting Extension Individual Sizes

MODEL	DRIVE	FT-LBS	COLOR
40417	1"	175	Yellow
40406	1"	250	Yellow
40407	1"	300	Yellow
40408	1"	350	Yellow
40409	1"	400	Yellow
40416	1"	475	Yellow
40412	1"	550	Yellow
40414	1"	650	Yellow



40409

1"
DRIVE

400
ft-lb

Wheel Torque Charts

When installing a wheel to a car or truck, it is important to be aware of the manufacturer recommended torque setting. American Forge & Foundry offers several easy-to-use charts that will help you identify the right tool for the job every time.

MODEL	DESCRIPTION	SIZE
TC2020WALL	Torque Socket Wall Chart	28" x 32"
TCE2020BW	Torque Socket Chart	8.5" x 11"
TCS2020BW	Torque Limiting Extension Chart	8.5" x 11"

Powder coat finish
resists chipping,
scratching and fading

Long pattern
design provides
improved reach

Constructed with
professional grade chrome
molybdenum steel

Maintenance and
recalibration-free
design

Ball detent for secure
socket retention





Mag Wheel Impact Sockets

- Designed to protect aluminum and chrome plated wheels from damage during service
- Thin wall design provides superior access to lug nuts and fasteners
- Specially constructed nylon sleeve and insert prevents scratches or marring
- Professional grade chrome molybdenum steel stands up to repeated use
- 6-point socket fits 1/2" drive impact wrenches and breaker bars
- 85mm (3-11/32") long socket provides easy access to deeply seated lug nuts
- Anodized colors deliver superior corrosion resistance and allow easy identification



58006

Mag Wheel Impact Socket Sets

MODEL	DESCRIPTION
58006	1/2" 5 PC SAE/Metric Mag Wheel Impact Socket Set

Includes:

MODEL	SIZE	COLOR
58001	17mm	Blue
58002	19mm	Yellow
58003	21mm	Red
58004	13/16"	Purple
58005	7/8"	Green

Mag Wheel Impact Socket Sets

MODEL	DESCRIPTION	
58007	1/2" 7 PC SAE/Metric Mag Wheel Impact Socket Set	
Includes:		
MODEL	SIZE	COLOR
58001	17mm	Blue
58002	19mm	Yellow
58003	21mm	Red
58004	13/16"	Purple
58005	7/8"	Green
58008	1"	Titanium
58009	1-1/16"	Black

58007



When To Choose Preset Or Adjustable Torque Wrenches

American Forge & Foundry offers an assortment of preset and adjustable torque wrenches for automotive and heavy-duty use. Selecting the correct style for your application depends on your objective. Preset torque wrenches offer tamper-proof operation while adjustable styles allow different setting options for applications that require more than one torque value. Both styles require proper maintenance and should be recalibrated as needed.

Preset:

- Ideal for production applications where there is only one torque setting required and you need to prevent incidental or operator tampering of the torque setting
- Torque values are factory calibrated to a specific value
- Built with no external adjustment scale

Adjustable:

- Offers different setting options for applications that require more than one torque value
- AFF styles are built with a locking collar to prevent accidental change of torque value
- AFF styles include dual scales for foot/lbs and Newton meters

5 Pc Preset Torque Wrench Set

MODEL 42005

- Includes 65, 80, 100, 120, and 140 ft-lb preset torque wrenches
- Individually tested and includes certificate of calibration
- Torque values are preset and require no adjustment before or after use
- Color coded for easy identification
- Covers majority of automotive and light truck applications
- Lightweight with ergonomic comfort grip
- Constructed with chrome vanadium steel for professional use

42005



15 pc Master Tire Service Kit

MODEL 42015

Kit includes the 42005 set plus the following accessories:

- 40065 65 ft-lb torque limiting extension
- 40080 80 ft-lb torque limiting extension
- 40100 100 ft-lb torque limiting extension
- 40120 120 ft-lb torque limiting extension
- 40140 140 ft-lb torque limiting extension
- 58001 6 pt deep 17mm mag wheel power socket
- 58002 6 pt deep 19mm-3/4" mag wheel power socket
- 58003 6 pt deep 21mm mag wheel power socket
- 58004 6 pt deep 13/16" mag wheel power socket
- 58005 6 pt deep 7/8" mag wheel power socket

42015



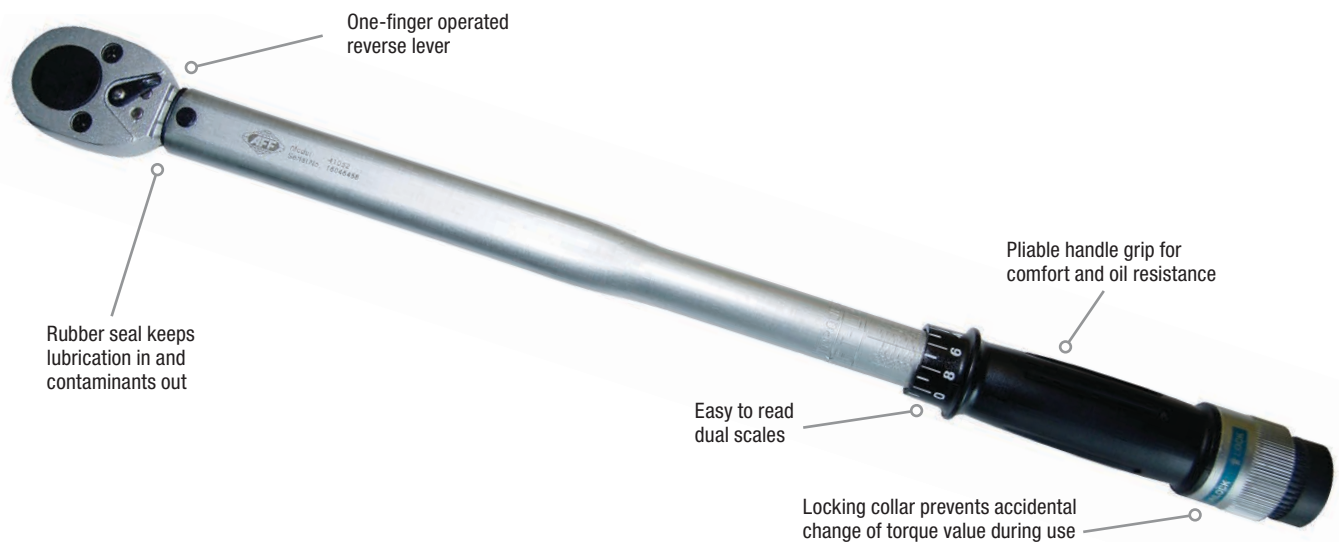
Individual Preset Torque Wrenches



MODEL	SIZE	PRIMARY SCALE RANGE	SECONDARY SCALE RANGE	COLOR	TOOTH COUNT	OVERALL LENGTH	SHIP WEIGHT (LBS)
42065	1/2" Drive 65 ft-lb Preset Torque Wrench	65 ft-lbs	88Nm	Yellow	32	22.75"	4 lbs
42080	1/2" Drive 80 ft-lb Preset Torque Wrench	80 ft-lbs	108Nm	Blue	32	22.75"	4 lbs
42100	1/2" Drive 100 ft-lb Preset Torque Wrench	100 ft-lbs	135Nm	Gray	32	22.75"	4 lbs
42120	1/2" Drive 120 ft-lb Preset Torque Wrench	120 ft-lbs	163Nm	White	32	22.75"	4 lbs
42140	1/2" Drive 140 ft-lb Preset Torque Wrench	140 ft-lbs	190Nm	Light Blue	32	22.75"	4 lbs

Adjustable Torque Wrenches

- Accurate in clockwise direction $\pm 4\%$ from 20% to 100% of full scale and includes certificate of calibration
- Conforms to the accuracy requirements of the American Standards Institute ASME B107.14-1194, BSEN 26789:1994, ISO 6789-1992, DIN 3122, and U.S. Government Specification GGG-W-00686C
- Perceptible jolt and audible click indicate desired torque setting has been reached
- Locking collar prevents accidental setting adjustment
- Pliable handle grip for superior comfort and oil resistance
- Rubber seal between the ratchet head and tube keeps lubrication in and contaminants out
- Includes protective blow mold case for easy storage



MODEL	SIZE	PRIMARY SCALE RANGE	SECONDARY SCALE RANGE	TOOTH COUNT	HEAD THICKNESS	HEAD WIDTH	OVERALL LENGTH	WEIGHT (LBS)
41052	1/2" Drive Torque Wrench	30-150 ft-lbs	40-203Nm	24	0.64"	1.85"	21"	3.75 lbs
41053	1/2" Drive Torque Wrench	50-250 ft-lbs	67-339Nm	24	0.76"	1.85"	25.5"	5.60 lbs
41054	3/4" Drive Torque Wrench	100-600 ft-lbs	135-813Nm	24	1.04"	2.85"	43"	13.07 lbs
41055	1" Drive Torque Wrench	100-700 ft-lbs	135-949Nm	24	1.04"	2.85"	48"	14.21 lbs



SureWorx's family of brands offer an unparalleled range of industry leading PPE products that give the peace of mind and confidence to take on any job. Choices in protective eyewear, knee protection, and hi-vis apparel help maximize safety, comfort, and productivity when working in an environment where torque tools are required.

JACKSON® SG Premium Protective Eyewear

Designed with the wearer in mind, Jackson SG offers outstanding comfort, fit, style and durability.



Model Number	Frame Color	Lens Design	Lens Description	Lens Coating	Work Environment
50000	Black	Clear	Maximum visible light	Anti-scratch	Indoor/General
50001	Black	Clear	Maximum visible light	Sta-Clear® anti-fog	Indoor
50003	Black	Amber	Ideal for low lit working environments	Sta-Clear® anti-fog	Low Light
50004	Black	I/O	Reduces glare without distorting original color	Anti-scratch	Indoor/Outdoor
50007	Black	Smoke Mirror	Smoke tinted with outer mirror finish	Sta-Clear® anti-fog	Outdoor



All standard packs of 12 come with an attractive ready-to-use retail dispenser box

KneePro Ultra Flex III Knee Pads

- Special hinged design ensures proper placement all day long—set them once and forget you are even wearing them
- Soft and elastic woven straps are strategically positioned to stay aligned with your leg
- Hardened outer shell construction delivers superior strength
- Thick closed cell foam interior provides maximum comfort and won't absorb moisture
- Non-marking grip-strip is replaceable and ideal for any surface
- Lightweight design (9 oz. each) is ideal for all-day use
- The industry standard for more than 30 years

PRODUCT NO.	Shell Color	Grip Strip
S96110	Grey	Orange
S96111	Black	Black



S96110



S96111



Hi-Vis Safety Vests

- Tricot polyester interlock design provides extra breathability and comfort
- Made with exclusive StarTech® premium reflective material
- Zipper front closure
- ID pocket with pen holders
- 3 storage pockets
- 8 pockets total
- Mobile phone pocket
- 2 radiophone clip strands
- Adjustable 1 size up at sides
- 131BBAU—ANSI/ISEA 107-15 Class 2 Type P and R
- 135AU—ANSI/ISEA 107-15 Class 1 Type O

PROD. NO.	Mod. No.	Color	Double Sizes
V1020161U	131BBAU	Hi-Vis Yellow/Green/Black	S/M-4/5XL
V1021571U	135AU	Black	S/M-4/5XL



V1020161U



V1021571U



Our Family of U.S. Brands



800-323-7402

orders.usa@surewerx.com

affjaxx.com

surewerx.com/usa

BE SMART. BE SAFE. BE SURE.®

AFFTRQ20