



# TETHERED TOOLS

## TABLE OF CONTENTS

SKYHOOK™ SYSTEM . . . . .	26-27
LOOPS & DELUXE ATTACHMENT SYSTEM . . . . .	32-33
D-RINGS & SEALING TAPE . . . . .	34
SPLIT RINGS & TOOL COLLARS . . . . .	35
RETROFIT KITS . . . . .	36
LANYARD KITS . . . . .	37
TETHER KITS . . . . .	37-38
LOOPS: DRILL BOOT™ & CINCH . . . . .	39
LOOP & GRIP-FIT™ ATTACHMENTS . . . . .	40
VERSACLAMP® CLIPS . . . . .	41
LANYARDS . . . . .	42-51
WRIST CUFFS & WRIST STRAPS . . . . .	43
PPE . . . . .	49
POCKETS & POUCHES . . . . .	52-54
BUCKETS . . . . .	55
TOOL BELTS . . . . .	56-57
RETRACTORS . . . . .	57
TORQUEPLUS™ . . . . .	58
TETHER-READY SOCKETS & SOCKET SETS . . . . .	59-69
TETHER-READY HEX BIT SETS . . . . .	61 & 64
1/2" & 3/8" DRIVE TETHER-READY RATCHETS . . . . .	70
TETHER-READY TORQUE WRENCHES . . . . .	71
TETHER-READY WRENCHES & WRENCH SETS . . . . .	72-81
TETHER-READY STRIKING & STRUCK TOOLS . . . . .	82 & 85
TETHER-READY PUNCH & CHISEL SETS . . . . .	83
TETHER-READY PLIERS . . . . .	86-88
TETHER-READY LOCKING, WIRE TWISTER & WIRE STRIPPER . . . . .	89
TETHER-READY T-HANDLE HEX & FOLDING HEX KEYS . . . . .	90-91
TETHER-READY DURATEK™ SCREWDRIVERS . . . . .	92-93
TETHER-READY SPECIALTY TOOLS . . . . .	94-96
HEAT GUN . . . . .	96



A worker wearing a grey shirt, light-colored pants, and a black safety harness with orange accents is operating a red scissor lift. The worker is positioned on the lift's platform, looking towards the right. The background shows a large industrial warehouse with a high ceiling, metal trusses, and skylights. The lighting is dramatic, with strong highlights and deep shadows.

**PROTO**<sup>®</sup>

**“SAFE TOOL  
TRANSFER  
AT HEIGHT”**





**BECAUSE PROTO® IS SAFETY OBSESSED**, offering customers a complete line of tethered-tool solutions wasn't an option, it was a necessity. In order to provide the widest range of tethering solutions available, Proto® Industrial Tools has partnered with Ty-Flöt Inc. to bring an expanded dropped object prevention program to Proto®'s dedicated customer base. Proto® customers can rest assured that the quality tools they've used for years are now capable of being used safely at height. Throughout this brochure, you will notice two different colored part numbers. The red part numbers represent Proto® branded products, while the blue represent Ty-Flöt branded products. Orders for both, Proto® and Ty-Flöt branded products, can be placed together through the Proto® Customer Service team.

**“ MORE THAN STRONG –  
DESIGNED  
FOR SAFETY ”**

**PROTO® SOCKETS HAVE FOUR ATTACHMENT POINTS** to ensure a tight grip on the ratchet using the Positive Control Pin Detent System. It requires a separate tool, such as a pin punch, to remove the holding pin from the socket - it cannot accidentally release from the ratchet head.

**PROTO® THINKS ABOUT SAFETY FIRST.** Before the tool is manufactured, it is designed specifically for the job it does. For tethered tools, this philosophy means adding tethers without compromising the tool or its finish. Instead of drilling holes into existing tools, we engineer our ratchets, pliers, and sockets with the correct attachment holes at the beginning. When safety is engineered into the tool, we then manufacture it with high quality metals and precision machining for a durable tool that works reliably and accurately. Once done, we then apply the correct finish for the best corrosion resistance and years of faithful service.





## **THE PROTO® SKYHOOK™ TETHER & TRANSFER SYSTEM:**

The next generation of safety technology for positive control of hand tools at height, in work areas requiring foreign material exclusion (FME) or anywhere simple accidents become costly mistakes. Since a better tether system is a safer tether system, SkyHook™ provides secure tool transfers, a free range of motion, and positive tool control at the work site.



**“NEXT GENERATION  
SAFETY  
TECHNOLOGY”**

## **SKYHOOK™ BUILDS ON EXISTING CARABINER TECHNOLOGY:**

**MAINTAIN POSITIVE CONTROL** during tool transfers. Whether hand-to-hand, person-to-person or person-to-station, the mechanism inside the innovative SkyHook™ keeps the tool completely secure at every point during the transfer.

**GAIN FREEDOM OF MOTION** to use tools correctly with a SkyDock™ attached to the wrist. The short lanyard is light, tight and less likely to get caught on nearby equipment or snags than traditional lanyards.

**GET ACCOUNTABILITY** through positive control. A tool attached to a SkyDock™ is either attached to a wrist, a belt, a tool apron or a co-worker. At all points, tools attached to SkyDock™ can be accounted for from truck to site and back. No tool is left behind.

..





The SkyHook™ Tether & Transfer System is comprised of switches, docks, lanyards and carabiners, all designed to make tool control as complete as possible with little interference to tool function.

**THE HEART OF THE SKYHOOK™ TECHNOLOGY IS THE SKYHOOK™ AND THE SKYDOCK™:**

- The SkyHook™ switch connector tethers to the tool on a short lanyard.
- The SkyDock™ attachment securely anchors the SkyHook™ to wrist, belt, or apron.

**“TOOL IS COMPLETELY  
SECURE  
DURING TRANSFER”**

Just “Swipe to Switch”.  
Hand-to-hand, hand-to-belt, person-to-person  
or person-to-station, the transfer is the same.





**01: TOOL IS SAFELY LOCKED.**



**02: USE SWITCH CONNECTOR TO TRANSFER.**

**03: TRANSFER TOOL AFTER CONNECTOR SAFELY LOCKS.**

The SkyHook™ will only disengage once it is engaged to another SkyDock™.



You can hold the tool during transfer.  
The SkyHook™ does not require hands to make the switch.

# SKYHOOK™ TOOL & TRANSFER SYSTEM

The SkyHook™ tether & transfer system features a screw-gate carabiner at one end and a SkyHook™ Safety Switch at the other. Tether-Ready Tools attach to the carabiner and the SkyHook™ connects safely to a SkyDock™. SkyDocks™ are available individually as well as on wrist straps, pouches and other products.



## SKYHOOK™ COMPONENTS

Product #	Name	Description
<b>JPS</b>	SkyHook™ Switch Connector	SkyHook™ switch connector with lanyard and carabiner
<b>JPSDOCK</b>	SkyDock™ Storage Attachment	SkyDock™ storage attachment point
<b>JWS-SH</b>	SkyDock™ Wrist Strap	SkyDock™ wrist attachment point



## SKYHOOK™ TOOL KITS

Product #	Name	Description
<b>JPS1</b>	SkyHook™ Kit for 1 Tool	(1) SkyHook™ (1) SkyDock™ and (1) SkyDock™ Wrist Strap
<b>JPS2</b>	SkyHook™ Kit for 2 Tools	(2) SkyHooks™ (2) SkyDocks™ and (2) SkyDock™ Wrist Straps
<b>JPSSCAFF4</b>	SkyHook™ Kit for 4 Tools	(4) SkyHooks™ (4) SkyDocks™ and (2) SkyDock™ Wrist Straps
<b>JPSSCAFF5</b>	SkyHook™ Kit for 5 Tools	(5) SkyHooks™ (5) SkyDocks™ and (2) SkyDock™ Wrist Straps
<b>JPST1</b>	SkyHook™ with SkyDock™	(1) SkyHook™ and (1) SkyDock™ (No Wrist Strap)



## SKYHOOK™ POCKET KITS

Product #	Name	Description
JPSTLPKT1	SkyHook™ Single Dock Pocket Kit	Single Dock Pouch with (1) SkyHook™ switch connector
JPSTLPKT2	SkyHook™ Dual Dock Pocket Kit	Dual Dock Pouch with (2) SkyHook™ switch connectors
JPSTLPKT3	SkyHook™ Three Dock Pocket Kit	Three Dock Pouch with (3) SkyHook™ switch connectors



JPSTLPKT2

## SKYHOOK™ HAMMER KIT

Product #	Name	Description
JPSHS	SkyHook™ Hammer Kit	Holder for Hammer with (1) SkyHook™ switch connector



## SKYHOOK™ TAPE POCKET

Product #	Name	Description
JPSTAPE	SkyHook™ Tape Pocket	Tape Measure Pouch with (1) SkyHook™ switch connector



## SKYHOOK™ BOLT BAG

Product #	Name	Description
JPSBOLT	SkyHook™ Dual Dock Bolt Bag Kit	Dual Dock Bolt Bag with (2) SkyHook™ switch connectors



## SKYHOOK™ SADDLE KIT

Product #	Name	Description
JPSSDLSM	SkyHook™ 8-Tool Saddle Kit	18" 8-Pocket Saddle featuring (8) integrated SkyDocks™ with (8) SkyHook™ switch connectors



## SKYHOOK™ APRON KIT

Product #	Name	Description
JPSAPRON30	SkyHook™ 6-Dock Apron Kit	30" 6-Pocket Apron featuring (6) integrated SkyDocks™ with (6) SkyHook™ switch connectors



Ty-Flot products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.



**PROTO® TETHERED TOOLS OFFERS A WIDE RANGE OF RETROFIT SUPPLIES** to secure existing tools to a belt, person or workstation. One size certainly does not fit all tools and all situations, so Proto® has expanded the range of collars, loops, lanyards, tethers, and storage options.

# “EXISTING INVENTORY – RETROFIT OPTIONS”



## LOOPS & COLLARS

- Heat Shrink Loops.
- Cylindrical Loops.
- Tool Collars.



## TETHERS

- Swivel Tethers.
- Cinch Loop Tethers.
- Drill Boot Tethers.
- Swivel Cup Tethers.
- Glove Tethers.
- Eyeglass Retainers.



## STORAGE

- Pockets.
- Pouches.
- Buckets.
- Bags.



## BELTS

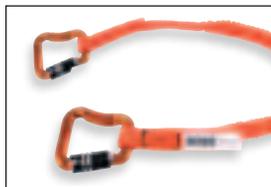
- With and Without Carabiners.
- Retractors.
- Double-Up Retractors.

**SELECTING THE RIGHT ATTACHMENT TO THE RIGHT TOOL IS IMPORTANT.** Collars are good for tools with long shanks like screwdrivers and punches. Shrink loops are used for tools with narrow necks and wide ends like wrenches and wide-edge chisels. Tools with complete openings, like the handle ends of adjustable wrenches, would use cinches or clasps.



### **CLASPS & CONNECTORS**

- D-rings.
- Quick Connector.
- Split Rings.
- Badge Clips.
- Rope Clips.
- Metal Clips.



### **LANYARDS**

- Hard Hat Lanyards.
- Neck Lanyards.
- Wrist Lanyards.
- Wire Lanyards.
- Web Lanyards.
- Elastic Lanyards.



- Swivel Coil Lanyards.
- Retractable Lanyards.
- Non-Metallic Lanyards.
- Break-Away Lanyards.
- Pen & Pencil Lanyards.
- Camera Lanyards.



# SELECTION GUIDE

## SHRINK LOOP ATTACHMENTS

### SIZING

Part #	Tool Diameter (in)	Tool Weight Rating (lb/kg)
JP2R34X175LPOR	0.25 to 0.50	4/1.8
JP2R1X175LPOR	0.36 to 0.75	5/2.2
JP2R15X2LPOR	0.55 to 1.25	10/4.4
JP2R2X2LPOR	0.75 to 1.75	15/6.8
JP2R2X4LPOR	0.75 to 1.75	25/11.3
JP2R275X2LPOR	1.50 to 2.50	20/9
JP2R275X4LPOR	1.50 to 2.50	25/11.3
JP2R4X4LPOR	2.25 to 3.50	25/11.3

### SIZING



Tools must have appropriate narrow geometry. Measure diameter at narrowed area of tool.

### SIZING



Tools lacking appropriate narrow geometry.

## TOOL LANYARDS - JLAN SERIES WEIGHT RATINGS

Part #	Weight Rating (lb/kg)
JLAN15LBSSCAR	15/6.8
JLAN15LBDSS	15/6.8
JLAN15LBSSRP	15/6.8
JLAN15LB3LK	15/6.8
JLAN20LBD3LK	20/9
JLAN25LBDSS	25/11
JLAN40LBD3LK	40/18
JLAN40LBD3LKSW	40/18

Ensure the tool weight does not exceed the tool lanyard rating. Never exceed a tool lanyard weight limit for any reason.

## TOOL ATTACHMENTS GUIDE

### PROPER



Attach on tool areas that are fully closed or to Proto® brand attachment devices.

### IMPROPER



Avoid tangles. Do not cinch without appropriate attachment point.

## TOOL COLLARS

Part #	Tool Min. Dia. (in)	*Tool Max. Dia. (in)	Tool Max. Weight Limit
JTC0	0.035	0.094	0.10 lb
JTC1	0.094	0.156	0.10 lb
JTC2	0.156	0.250	0.13 lb
JTC3	0.219	0.313	0.32 lb
JTC4	0.313	0.438	0.60 lb
JTC5	0.400	0.540	0.67 lb
JTC6	0.54	0.79	1.20 lbs
JTC7	0.79	1.00	4.00 lbs

## TOOL COLLAR TETHER LOOPS

Part #	Opening Dia. (in)
JTL1SS	0.14 Keyed
JTL2SS	0.21 Keyed
JTL3SS	0.27 Keyed
JTL4SS	0.35 Keyed
JTL5SS	0.61
JTL6SS	0.85
JTL7SS	1.10

## LANYARD ATTACHMENT TAPE WEIGHT RATINGS

Tape #	D-ring Webbing Part #	
	JDRSMOR	JDRHDOR
JMOL36RFOR	3/4-inch Wide - (3 lbs)	1-1/2-inch Wide - (3 lbs)

Ratings are based on cylindrical test modules in a perpendicular configuration and may or may not represent field configurations. End user must make determination of suitability.

### SIZING



Tools must have appropriate narrow geometry. Measure diameter at narrowed area of tool.

### REQUIRED AMOUNT

Tool Dia. (in)	Estimated Tape Amount (in)
0.25	8.5
0.50	17
1.00	33
2.00	66

For other tool sizes, multiply the average diameter by 24. If unsure of amount, it is better to overestimate.

## FITTING HEAT SHRINK LOOPS

Step 1



Choose proper tool combination from Tool Selection Guide and a suitable narrowed point on the tool for the Shrink Loop.

Step 2



Slide the Shrink Loop around the tool at a point where the geometry is narrowed. (Narrowed geometry means the tool's ends are larger than the point where the Shrink Loop will rest)

Step 3



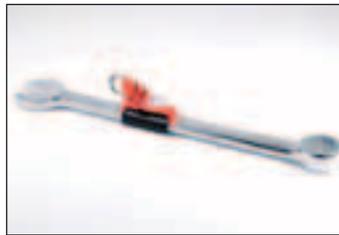
Using a standard heat gun, evenly heat the underside of the Shrink Loop while keeping the heat source approximately 1" (2.5 cm) away from the Shrink Loop. Avoid heating the care label.

Step 4



Heat the top section of the Shrink Loop.

Step 5



Let cool approximately 5 minutes.

Step 6



Pull on the D-ring to ensure a tight fit.

## FITTING LANYARDS

1. Use the Tool Attachment Guide to ensure proper tool pairing. Set up and/or locate an appropriate attachment point on the tool. Attach one end of the lanyard to a tool and the other end to a secure anchor point. Ensure anchor point is fixed (for example ladders are not fixed). Destroy and discard if
  - a. any evidence of wear or damage.
  - b. tool is dropped and lanyard is fully extended.
  - c. any doubt to product's integrity.
2. Do not suspend a tool on its lanyard and do not use at full extension. Inspect prior to every use. When storing, do not put tools on top of the lanyard. Monitor the cord-lock and periodically tighten if it starts to loosen.

## FITTING TOOL COLLARS

1. Choose the tool collar and attachment point which best fit the tool. Make sure to select the smallest sized ring that will fit over the tool shaft. With the proper fitting parts, slide the ring over the shaft of your tool. Once the ring is in place, you may now install the tool collar.
2. Slide the collar over the shaft of the tool until the tip is protruding through the collar. To finish the installation of the tool collar, roll the barrel back towards the enlarged flange then pinch the rolled back portion, and the tool collar, at the same time. While continuing to pinch the tool collar, push it down the shaft to your desired position, which most typically is against the handle of the tool. Finally, test your tool collar by pulling on the ring. If the tool collar doesn't slide installation is complete.

## FITTING SEALING TAPE

1. Unroll an amount of tape appropriate for the tool you are planning to use then remove the backing from the tape. Next place the D-ring in an area that will not impede on the usefulness of the tool and begin taping on the end opposite the ring. Wrap the tape around the tool loosely one time. After one revolution the tape will grip itself enough for you to start stretching with increased force. Be sure to stretch the tape, as this is what activates the bonding. Proceed to wrap the tape at least 4 times with 100% overlap then continue taping down the D-ring, stretching and wrapping with a 50% overlap. When you reach the opposite edge of the D-ring, be sure to complete another 4 rotations with 100% overlap.
2. Once complete, firmly press the cut end into the existing tape on the tool. Be sure to test your sealing tape attachment by firmly pulling on the D-ring.

\* Check out our YouTube page at [youtube.com/protoindustrial](https://youtube.com/protoindustrial) for "How To" videos.

# ATTACHMENT POINTS LOOPS & DELUXE ATTACHMENT SYSTEM



Existing tools can be retrofitted with the same Proto® Industrial Tether Attachments used in the general product line.

## HEAT SHRINK LOOPS

- › Superior strength over conventional heat shrink methods.
- › Easy installation, quick attachment to lanyards, and eliminates confusion with matching D-ring webbing to proper shrink rings.
- › Designed to keep the stitching away from the heat source to prevent damage to the stitching common with conventional methods. Prevents webbing from slipping out of the heat shrink.
- › Allows for proper labeling of each shrink loop containing load limits, usage instructions and precautions.



Product #	Name	Size (in W x in L)	Max. Tool Weight (lbs)	Type	Pack Qty.	Brand
<b>JP2R34X175LPOR</b>	Heat Shrink Loop	0.75 x 1.75	4	Heavy-Duty	25	Proto®
<b>JP2R1X175LPOR</b>	Heat Shrink Loop	1.10 x 1.75	5	Heavy-Duty	25	Proto®
<b>JP2R15X2LPOR</b>	Heat Shrink Loop	1.50 x 2.00	10	Heavy-Duty	25	Proto®
<b>JP2R2X2LPOR</b>	Heat Shrink Loop	2.00 x 2.00	15	Heavy-Duty	25	Proto®
<b>JP2R2X4LPOR</b>	Heat Shrink Loop	2.00 x 4.00	25	Heavy-Duty	25	Proto®
<b>JP2R275X2LPOR</b>	Heat Shrink Loop	2.75 x 2.00	20	Heavy-Duty	25	Proto®
<b>JP2R275X4LPOR</b>	Heat Shrink Loop	2.75 x 4.00	25	Heavy-Duty	25	Proto®
<b>JP2R4X4LPOR</b>	Heat Shrink Loop	4.00 x 4.00	25	Heavy-Duty	25	Proto®

## HEAT SHRINK LOOP SAMPLE KIT

Product #: **JP2RSMPKIT**

- › One of each standard size used for determining proper fit.
- › See page 96 for Heat Gun.

Contents	Size (in W x in L)	Type	Brand
JP2R34X175LPOR	0.75 x 1.75	Heavy-Duty	Proto®
JP2R1X175LPOR	1.10 x 1.75	Heavy-Duty	Proto®
JP2R15X2LPOR	1.50 x 2.00	Heavy-Duty	Proto®
JP2R2X2LPOR	2.00 x 2.00	Heavy-Duty	Proto®
JP2R2X4LPOR	2.00 x 4.00	Heavy-Duty	Proto®
JP2R275X2LPOR	2.75 x 2.00	Heavy-Duty	Proto®
JP2R275X4LPOR	2.75 x 4.00	Heavy-Duty	Proto®
JP2R4X4LPOR	4.00 x 4.00	Heavy-Duty	Proto®





## HEAT SHRINK RINGS

- › For use with D-ring webbing attachments. (D-rings listed on page 34)
- › Easy installation with standard heat gun.
- › Shock resistant.

Product #	Name	Size (in W x in L)	Max. Tool Weight (lbs)	Type	Pack Qty.	Brand
T-TP2R34X175	Heat Shrink Rings	0.75 x 1.75	2	Standard	20	Ty-Flöt
T-TP2R1X175	Heat Shrink Rings	1.10 x 1.75	3	Standard	20	Ty-Flöt
T-TP2R15X2	Heat Shrink Rings	1.50 x 2.00	5	Standard	20	Ty-Flöt
T-TP2R2X2	Heat Shrink Rings	2.00 x 2.00	5	Standard	20	Ty-Flöt
T-TP2R2X4	Heat Shrink Rings	2.00 x 4.00	5	Standard	20	Ty-Flöt
T-TP2R275X2	Heat Shrink Rings	2.75 x 2.00	5	Standard	20	Ty-Flöt
T-TP2R275X4	Heat Shrink Rings	2.75 x 4.00	5	Standard	20	Ty-Flöt

## CYLINDRICAL HEAT SHRINK - TETHER RING

- › Adhesive lined heat shrink cylinders.
- › Easy to install with a standard heat gun.
- › Allows quick and easy tool change-outs.
- › No tool modification necessary.



Product #	Name	Description	Max. Tool Weight (lbs)	Fits Diameter (ft)	Type	Brand
T-TP3CT01	Cylindrical Heat Shrink - Tether Ring	Small	3	0.25 to 0.75	Tether Ring End	Ty-Flöt
T-TP3CT02	Cylindrical Heat Shrink - Tether Ring	Medium	3	0.75 to 1.30	Tether Ring End	Ty-Flöt

## DELUXE LANYARD ATTACHMENT SYSTEM

- › No tool modification necessary.
- › Self-adjusting to wrist.
- › Floats small tools.
- › Large tools remain upright when submerged (creates easy grab point).
- › Tangle free.
- › Quick change outs with multiple tools.



Product #	Name	Description	Fits Diameter (ft)	Max. Tool Weight (lbs)	Brand
T-LNYRD01	Deluxe Wrist Lanyard	Use to connect to other attachment featuring the Quick Disconnect Swivel Connection	–	–	Ty-Flöt
T-TP1CT01	Cylindrical Heat Shrink - Swivel Lock	Small	0.25 to 0.75	5	Ty-Flöt
T-TP1CT02	Cylindrical Heat Shrink - Swivel Lock	Medium	0.75 to 1.25	5	Ty-Flöt
T-TP2CT01	Type 2 Connector	Can allow Deluxe attachment system to be connected to a tool collar, key ring, or any loop style attachment.	–	3	Ty-Flöt
T-TP2CT01PL	Type 2 Connector with Plastic Snap Hook	Can allow Deluxe attachment system to be connected to a tool collar, key ring, or any loop style attachment.	–	3	Ty-Flöt
T-DLXBELTM	Deluxe Lanyard Tool Belt	Medium. 7 D-rings with female adapters.	–	–	Ty-Flöt
T-DLXBELTL	Deluxe Lanyard Tool Belt	Large. 7 D-rings with female adapters.	–	–	Ty-Flöt

Ty-Flöt products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.

## D-RING WEBBING

- › For use with sealing tape or heat shrink loops.



JDRSMOR

Product #	Name	Size (in)	Length (in)	Color	Pack Qty.	Brand
<b>JDRHDOR</b>	Heavy-Duty Web Tether with Metal D-ring	1.00	3.50	Orange	25	Proto®
<b>T-DRHDPK</b>	Heavy-Duty Web Tether with Metal D-ring	1.00	3.50	Pink	25	Ty-Flöt
<b>T-DRHD12OR</b>	Heavy-Duty Web Tether with Metal D-ring	1.00	12	Orange	5	Ty-Flöt
<b>T-DRHD12PK</b>	Heavy-Duty Web Tether with Metal D-ring	1.00	12	Pink	5	Ty-Flöt
<b>T-DRHD12PKPL</b>	Heavy-Duty Web Tether with Non-Metallic D-ring	1.00	12	Pink	5	Ty-Flöt
<b>T-DRHDORPL</b>	Heavy-Duty Web Tether with Non-Metallic D-ring	1.00	3.50	Orange	25	Ty-Flöt
<b>T-DRHDPKPL</b>	Heavy-Duty Web Tether with Non-Metallic D-ring	1.00	3.50	Pink	25	Ty-Flöt
<b>T-DRHDEZOR</b>	Heavy-Duty Web Tether with Metal D-ring - EZ	1.00	3.50	Orange	25	Ty-Flöt
<b>T-DRHDEZPK</b>	Heavy-Duty Web Tether with Metal D-ring - EZ	1.00	3.50	Pink	25	Ty-Flöt
<b>JDRSMOR</b>	Standard Web Tether with Metal D-ring	0.50	2.50	Orange	25	Proto®
<b>T-DRSMPK</b>	Standard Web Tether with Metal D-ring	0.50	2.50	Pink	25	Ty-Flöt
<b>T-DRSMPKPL</b>	Standard Web Tether with Non-Metallic D-ring	0.50	2.50	Pink	25	Ty-Flöt
<b>T-DRSMEZOR</b>	Standard Web Tether with Metal D-ring - EZ	0.50	2.50	Orange	25	Ty-Flöt
<b>T-DRSMEZPK</b>	Standard Web Tether with Metal D-ring - EZ	0.50	2.50	Pink	25	Ty-Flöt
<b>T-DRSMORPL</b>	Standard Web Tether with Non-Metallic D-ring - EZ	0.50	2.50	Orange	25	Ty-Flöt

## MOLECULAR SEALING TAPE

- › Used for attaching D-ring webbing to tools.
- › No heat gun necessary.
- › Bonds to itself and not the tool.
- › Installs in seconds (stretch, wrap, and go).
- › Will not peel off, must be cut.
- › No residue.
- › For use with tethers of 12 inches or less.



JMOL36RFOR

Product #	Name	Type	Size (in x ft)	Thickness (in)	Color	Brand
<b>JMOL36RFOR</b>	Molecular Sealing Tape	Reinforced	1 x 36	0.020	Orange	Proto®
<b>T-MOL3645VO</b>	Molecular Sealing Tape	Reinforced	1 x 36	0.045	Orange	Ty-Flöt
<b>T-MOL36RFLG</b>	Molecular Sealing Tape	Reinforced	1 x 36	0.020	Green	Ty-Flöt
<b>T-MOL36RFVB</b>	Molecular Sealing Tape	Reinforced	1 x 36	0.020	Blue	Ty-Flöt
<b>T-MOL36RFVP</b>	Molecular Sealing Tape	Reinforced	1 x 36	0.020	Pink	Ty-Flöt
<b>T-MOL36RFVR</b>	Molecular Sealing Tape	Reinforced	1 x 36	0.020	Red	Ty-Flöt
<b>T-MOL36RFEWVB</b>	Molecular Sealing Tape	Reinforced	2 x 36	0.020	Blue	Ty-Flöt

## WEB D-RING & TAPE SAMPLE KIT

Product #: **JDRSMPK**

- › One of each size to determine proper fit.



Contents	Description	Brand
JDRHDOR	HD D-ring Web Tethers	Proto®
JDRSMOR	D-ring Web Tethers	Proto®
N/A	Sealing Tape - 2 feet	Proto®





## SPLIT RINGS

- › Installs easily to manufacturers pre-drilled tether holes.
- › Fits tools of significant geometry.
- › Create a tether ring on the fly.
- › Weight Rated - Max Tool Weight 2 lbs.
- › Semi-permanent attachment of tools to lanyards.
- › For use with tethers of 12 inches or less.

Product #	Name	Diameter (in)	Brand
<b>JSR04</b>	Tether Split Ring	0.40	Proto®
<b>JSR06</b>	Tether Split Ring	0.60	Proto®
<b>JSR1</b>	Tether Split Ring	1.00	Proto®
<b>JSR125</b>	Tether Split Ring	1.25	Proto®
<b>JSR15</b>	Tether Split Ring	1.50	Proto®
<b>JSR2</b>	Tether Split Ring	2.00	Proto®



## TOOL COLLAR® KITS

- › Sizes below are used to determine proper fit.



Product #	Name	Description	Type	Pack Qty.	Brand
<b>JPCL0SS</b>	Tool Collar® (JTC0) & Loop (JTL1SS)	For tools from 0.035 to 0.094-in diameter	Metal Ring	10	Proto®
<b>JPCL1SS</b>	Tool Collar® (JTC1) & Loop (JTL2SS)	For tools from 0.094 to 0.156-in diameter	Metal Ring	10	Proto®
<b>JPCL2SS</b>	Tool Collar® (JTC2) & Loop (JTL3SS)	For tools from 0.156 to 0.250-in diameter	Metal Ring	10	Proto®
<b>JPCL3SS</b>	Tool Collar® (JTC3) & Loop (JTL4SS)	For tools from 0.219 to 0.313-in diameter	Metal Ring	10	Proto®
<b>JPCL4SS</b>	Tool Collar® (JTC4) & Loop (JTL5SS)	For tools from 0.313 to 0.438-in diameter	Metal Ring	10	Proto®
<b>JPCL5SS</b>	Tool Collar® (JTC5) & Loop (JTL5SS)	For tools from 0.400 to 0.540-in diameter	Metal Ring	10	Proto®
<b>JPCL6SS</b>	Tool Collar® (JTC6) & Loop (JTL6SS)	For tools from 0.540 to 0.790-in diameter	Metal Ring	10	Proto®
<b>JPCL7SS</b>	Tool Collar® (JTC7) & Loop (JTL7SS)	For tools from 0.790 to 1.000-in diameter	Metal Ring	10	Proto®
<b>T-TCLOPL</b>	Tool Collar® (TC0) & Loop TL1	For tools from 0.035 to 0.094-in diameter	Non-Metallic Ring	25	Ty-Flöt
<b>T-TCL1PL</b>	Tool Collar® (TC1) & Loop TL2	For tools from 0.094 to 0.156-in diameter	Non-Metallic Ring	25	Ty-Flöt
<b>T-TCL2PL</b>	Tool Collar® (TC2) & Loop TL3	For tools from 0.156 to 0.250-in diameter	Non-Metallic Ring	25	Ty-Flöt
<b>T-TCL3PL</b>	Tool Collar® (TC3) & Loop TL4	For tools from 0.219 to 0.313-in diameter	Non-Metallic Ring	25	Ty-Flöt
<b>T-TCL4PL</b>	Tool Collar® (TC4) & Loop TL5	For tools from 0.313 to 0.438-in diameter	Non-Metallic Ring	25	Ty-Flöt
<b>T-TCL5PL</b>	Tool Collar® (TC5) & Loop TL5	For tools from 0.400 to 0.540-in diameter	Non-Metallic Ring	25	Ty-Flöt

## TOOL COLLAR® SAMPLE KIT

Product #: **JPCLSMPLKIT**

- › One of each metal ring size used for determining proper fit.

Contents	Description	Brand
JPCL0SS	0.035 to 0.094"	Proto®
JPCL1SS	0.094 to 0.156"	Proto®
JPCL2SS	0.156 to 0.250"	Proto®
JPCL3SS	0.219 to 0.313"	Proto®
JPCL4SS	0.313 to 0.438"	Proto®
JPCL5SS	0.400 to 0.540"	Proto®
JPCL6SS	0.540 to 0.790"	Proto®
JPCL7SS	0.790 to 1.00"	Proto®



Ty-Flöt products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.

# RETROFIT KITS

- › A number of attachment point creation tools all in one location.
- › Portable kit used to bring directly to job locations.
- › Standard heat gun required for shrink ring assembly.

## 4-TOOL TETHERING KIT

**Product #: JPSSCAFF4KIT**

- › Recommended tether attachments for a tape rule, pliers, hammer, and level.

Contents	Description	Brand
JTAPESLV	Tape Measure Holder	Proto®
N/A	Heat Shrink Loop	Proto®
N/A	Sealing Tape – 12-inch	Proto®
JSR15 & JSR2	(2) Key Rings	Proto®
JDRSMOR	(1) Web D-ring	Proto®



## 5-TOOL TETHERING KIT

**Product #: JPSSCAFF5KIT**

- › Recommended tether attachments for a tape rule, (2) pliers, hammer, and level.

Contents	Description	Brand
JTAPESLV	Tape Measure Holder	Proto®
N/A	Heat Shrink Loop	Proto®
N/A	(2) Sealing Tapes – 12-inch	Proto®
JSR15 & JSR2	(2) Key Rings	Proto®
JDRSMOR	(2) Web D-ring	Proto®





## TOOL LANYARD ACCESSORY KIT

Product #: **T-LYKT**

- › Everything needed for key ring attachment creation and heavy-duty shrink.
- › Heavy-duty portable carrying case with bins and flip-top lid.



Contents	Description	Size	Brand
SR0-6	(25) Split Rings	0.60"	Ty-Flöt
SR1-25	(25) Split Rings	1.25"	Ty-Flöt
SR1-5	(25) Split Rings	1.50"	Ty-Flöt
SR2	(25) Split Rings	2.00"	Ty-Flöt
SR3	(10) Split Rings	3.00"	Ty-Flöt
TP2AT02	(1 Pkg.) Heat Shrink Rings		Ty-Flöt
	Test Report for TP2AT02		Ty-Flöt



## LANYARD TETHER KIT

Product #: **T-LYKT1**

- › Everything needed for various heavy-duty shrink ring attachments.
- › Heavy-duty portable carrying case with bins and flip-top lid.



Contents	Description	Brand
TP2R-1X175	(25) Small Heavy-Duty Shrink Rings	Ty-Flöt
TP2R-1-5X2	(25) Medium Heavy-Duty Shrink Rings	Ty-Flöt
TP2R-2X2	(25) Large Heavy-Duty Shrink Rings	Ty-Flöt
DRSM	(50) D-ring Attachments	Ty-Flöt
DRHD	(25) Heavy-Duty D-ring Attachments	Ty-Flöt
	Instructions for TP2AT02 Heat Shrink	Ty-Flöt



## 53 PIECE TETHER STATION KIT

Product #: **T-LYKT2**

- › For attachment creation and lanyards.
- › Heavy-duty portable carrying case with bins and flip-top lid.



Contents	Description	Size	Color	Brand
WC-OR	(12) Wrist Cuff	–	Orange	Ty-Flöt
DRSM	(25) Standard Webbing with D-ring	–	–	Ty-Flöt
DRHD	(5) Heavy-Duty Webbing with D-ring	–	–	Ty-Flöt
SNP-S12-OR	(3) Tool Tether	12"	Orange	Ty-Flöt
SNP-S36-OR	(3) Tool Tether	36"	Orange	Ty-Flöt
SG-S72-HD-OR	(2) Heavy-Duty Tool Tether with Screw Gate Carabiners	72"	Orange	Ty-Flöt
MOL-36-RF-VO	(2) Reinforced Sealing Tape	1" x 36'	Red	Ty-Flöt
TSK-1	(1) Tether Station Kit	–	–	Ty-Flöt
	Cutter and Retractor included	–	–	Ty-Flöt



Ty-Flöt products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.



WARNING: WORK SAFELY WITH TOOLS. WEAR SAFETY GOGGLES.

## 165 PIECE TETHER STATION KIT

Product #: **T-LYKT3PL**

- › For attachment creation and lanyards.
- › No metal.
- › Heavy-duty portable carrying case with bins and flip-top lid.

Contents	Description	Size	Color	Brand
WC-OR-PL	(6) Wrist Cuff - no metal	–	Orange	Ty-Flöt
DRSM-OR-PL	(25) Standard webbing with plastic D-ring	–	Orange	Ty-Flöt
SNP-S12-OR-PL	(3) Tool Tether - plastic snaps	12"	Orange	Ty-Flöt
SNP-S24-OR-PL	(3) Tool Tether - plastic snaps	24"	Orange	Ty-Flöt
MOL-36-RF-VO	(2) Reinforced Sealing Tape	1" x 36'	Red	Ty-Flöt
TCL0-PL	(25) Tool Collar® (TC0) & Loop TL1	–	–	Ty-Flöt
TCL1-PL	(25) Tool Collar® (TC1) & Loop TL2	–	–	Ty-Flöt
TCL2-PL	(25) Tool Collar® (TC2) & Loop TL3	–	–	Ty-Flöt
TCL3-PL	(25) Tool Collar® (TC3) & Loop TL4	–	–	Ty-Flöt
TCL4-PL	(25) Tool Collar® (TC4) & Loop TL5	–	–	Ty-Flöt
TCL5-PL	(25) Tool Collar® (TC5) & Loop TL5	–	–	Ty-Flöt
TSK-1	(1) Tether Station Kit	–	–	Ty-Flöt
	Cutter and Retractor included	–	–	Ty-Flöt

## 178 PIECE TETHER STATION KIT

Product #: **T-LYKT3**

- › For attachment creation and lanyards.
- › Heavy-duty portable carrying case with bins and flip-top lid.



Contents	Description	Size	Color	Brand
WC-OR	(12) Wrist Cuff	–	Orange	Ty-Flöt
DRSM-OR	(25) Standard Webbing with D-ring	–	Orange	Ty-Flöt
DRHD-OR	(5) Heavy-Duty Webbing with D-ring	–	Orange	Ty-Flöt
SNP-S12-OR	(3) Tool Tether	12"	Orange	Ty-Flöt
SNP-S36-OR	(3) Tool Tether	36"	Orange	Ty-Flöt
SG-S72-HD-OR	(2) Heavy-Duty Tool Tether with Screw Gate Carabiners	72"	Orange	Ty-Flöt
MOL-36-RF-VO	(2) Reinforced Sealing Tape	1" x 36'	Red	Ty-Flöt
TKIT-3594	(25) Tool Collar® (TC0) & Loop TL1-SS	–	–	Ty-Flöt
TKIT-1316	(25) Tool Collar® (TC1) & Loop TL2-SS	–	–	Ty-Flöt
TKIT-2630	(25) Tool Collar® (TC3) & Loop TL4-SS	–	–	Ty-Flöt
TKIT-3440	(25) Tool Collar® (TC4) & Loop TL4A-SS	–	–	Ty-Flöt
TKIT-4047	(25) Tool Collar® (TC5) & Loop TL4A-SS	–	–	Ty-Flöt
TKIT-4755	(25) Tool Collar® (TC5) & Loop TL5-SS	–	–	Ty-Flöt
TSK-1	(1) Tether Station Kit	–	–	Ty-Flöt
	Cutter and Retractor included	–	–	Ty-Flöt



## DRILL BOOT™ TETHER LOOP

- › Cinching strap has a tether loop for lanyard attachment.
- › Small side pocket for storing bits.



Product #	Name	Description	Max. Tool Weight (lbs)	Brand
<b>T-DRLBOOTSM</b>	Drill Boot™ with Tether Loop	Small	7	Ty-Flöt
<b>T-DRLBOOTLG</b>	Drill Boot™ with Tether Loop	Large	7	Ty-Flöt

## SWIVEL TETHER CINCH LOOP

- › For use on tools with a pre-drilled hole or slot.
- › Useful on applications where key rings and other solid anchors are cumbersome.
- › Features patented swivel.



Product #	Name	Max. Tool Weight (lbs)	Pack Qty.	Brand
<b>T-TETHCNCHLPSW</b>	Swivel Tether Cinch Loop	10	10	Ty-Flöt

## PLASTIC TETHER CINCH LOOP

- › For use with small hand tools. Useful on applications where key rings and other solid anchors are cumbersome.



Product #	Name	Size (in)	Max. Tool Weight (lbs)	Pack Qty.	Brand
<b>T-TETHCNCHLP</b>	Plastic Tether Cinch Loop	6	1	25	Ty-Flöt

Ty-Flöt products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.

## WIRE LOOP ATTACHMENTS

- › Provides a tethering point for odd shaped tools such as drills.



Product #	Name	Size (in)	Max. Tool Weight (lbs)	Brand
<b>T-TLA55</b>	Tether Loop Attachment	5.5	15	Ty-Flöt
<b>T-TLA65</b>	Tether Loop Attachment	6.5	15	Ty-Flöt
<b>T-TLA75</b>	Tether Loop Attachment	7.5	15	Ty-Flöt
<b>T-TLA85</b>	Tether Loop Attachment	8.5	30	Ty-Flöt
<b>T-TLA95</b>	Tether Loop Attachment	9.5	30	Ty-Flöt
<b>T-TLA105</b>	Tether Loop Attachment	10.5	30	Ty-Flöt
<b>T-TLA115</b>	Tether Loop Attachment	11.5	30	Ty-Flöt
<b>T-TLA125</b>	Tether Loop Attachment	12.5	30	Ty-Flöt

## GRIP-FIT™ SWIVEL CUP TETHER ATTACHMENT

- › Fits pens, pencils, markers, and an array of small hand tools.



Product #	Name	Size (in)	Pack Qty.	Brand
<b>T-SC030</b>	Grip-Fit™ Swivel Cup Attachment	0.30	10	Ty-Flöt
<b>T-SC045</b>	Grip-Fit™ Swivel Cup Attachment	0.45	10	Ty-Flöt
<b>T-SC056</b>	Grip-Fit™ Swivel Cup Attachment	0.56	10	Ty-Flöt
<b>T-SC075</b>	Grip-Fit™ Swivel Cup Attachment	0.75	10	Ty-Flöt
<b>T-SC094</b>	Grip-Fit™ Swivel Cup Attachment	0.94	10	Ty-Flöt
<b>T-SC119</b>	Grip-Fit™ Swivel Cup Attachment	1.19	10	Ty-Flöt



## VERSACLAMP® UNIVERSAL BADGE CLIPS

- › No metal, easy to clean.
- › Easily attaches to clothing ID badges.



Product #	Name	Size	Color	Pack Qty.	Brand
<b>T-TETHCOR</b>	Tether with 1-VersaClamp®	Regular	Orange	25	Ty-Flöt
<b>T-TETHCPK</b>	Tether with 1-VersaClamp®	Regular	Pink	25	Ty-Flöt
<b>T-TETHCBK</b>	Tether with 1-VersaClamp®	Regular	Black	25	Ty-Flöt
<b>T-TETHCSMOR</b>	Tether with 1-VersaClamp®	Small	Orange	25	Ty-Flöt
<b>T-TETHCSMPK</b>	Tether with 1-VersaClamp®	Small	Pink	25	Ty-Flöt
<b>T-TETHCCOR</b>	Tether with 2-VersaClamps®	Regular	Orange	25	Ty-Flöt
<b>T-TETHCCPK</b>	Tether with 2-VersaClamps®	Regular	Pink	25	Ty-Flöt
<b>T-TETHCCSMOR</b>	Tether with 2-VersaClamps®	Small	Orange	25	Ty-Flöt
<b>T-TETHCCSMPK</b>	Tether with 2-VersaClamps®	Small	Pink	25	Ty-Flöt
<b>T-TETHCDOFOR</b>	Tether Offset with 1-VersaClamp®	Regular	Orange	25	Ty-Flöt



## VERSACLAMP® & ROPE CLIPS

- › No metal, easy to clean.
- › Easily attaches to clothing, TLDs, EDs, and Neck Lanyards.
- › Standalone VersaClamps™ can be used to replace metal binder and paper clips (holds 30+ sheets of paper).



Product #	Name	Size	Color	Pack Qty.	Brand
<b>T-TETHCROR</b>	Tether with 1-Rope Clip & 1-VersaClamp®	Regular	Orange	25	Ty-Flöt
<b>T-TETHCRSMOR</b>	Tether with 1-Rope Clip & 1-VersaClamp®	Small	Orange	25	Ty-Flöt
<b>T-TETHCRSMBK</b>	Tether with 1-Rope Clip & 1-VersaClamp®	Small	Black	25	Ty-Flöt
<b>T-TETHCRRDOR</b>	Tether with 2-Rope Clips & 1-VersaClamp®	Regular	Orange	25	Ty-Flöt
<b>T-TETHCRDOFOR</b>	Tether Offset with 1-Rope Clip & 1-VersaClamp®	Regular	Orange	25	Ty-Flöt
<b>T-TETHCRRDOFOR</b>	Tether Offset with 2-Rope Clips & 1-VersaClamp®	Regular	Orange	25	Ty-Flöt



Ty-Flöt products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.

# LANYARDS PPE, WRIST & TOOL



## HARD HAT LANYARDS

- ▶ The Proto® hard hat lanyard is a great way to prevent your hard hat from becoming a dropped object. It can be used with almost any hard hat, and is a comfortable alternative to the traditional "chin strap."
- ▶ While keeping your helmet secure, the patented lanyard, attaches to an outer garment never impeding on the comfort or use of the hard hat.
- ▶ All Proto® Hard Hat lanyards feature an "easy release" where you may disengage the side release buckle, leaving one piece secured to the hard hat, and the other still attached to an outer garment. When ready to use the hard hat again, simply reengage the side release buckle.

Product #	Name	Color	Pack Qty.	Brand
JLANHATRD	Hard Hat Lanyard*	Red	100	Proto®
JLANHATRD10	Hard Hat Lanyard*	Red	10	Proto®
T-LNYHRDOR	Hard Hat Lanyard*	Orange	100	Ty-Flöt
T-LNYHRDPK	Hard Hat Lanyard*	Pink	100	Ty-Flöt
T-LNYHRDLG	Hard Hat Lanyard*	Green	100	Ty-Flöt
T-EZLNYHRDCLOR	Hard Hat Lanyard EZ Clean Coil*	Orange	100	Ty-Flöt
T-EZLNYHRDWBOR	Hard Hat Lanyard No Metal - EZ Clean*	Orange	100	Ty-Flöt
T-EZLNYHRDWBPK	Hard Hat Lanyard No Metal - EZ Clean*	Pink	100	Ty-Flöt
T-LNYHRDFMEOR	Hard Hat Lanyard No Metal*	Orange	100	Ty-Flöt
T-LNYHRDFMEPK	Hard Hat Lanyard No Metal*	Pink	100	Ty-Flöt
T-LNYHRDHRNLG	Hard Hat Lanyard for Harness*	Green	100	Ty-Flöt

\*Hard hat not included. Check out our YouTube page at [youtube.com/protoindustrial](http://youtube.com/protoindustrial) for "How To" videos.



## NECK LANYARD

- › Dual breakaway rubber neck lanyard with o-ring and retention slider.

Product #	Name	Description	Color	Brand
<b>T-NL24RSBK</b>	Neck Lanyard with Retention Slider	Rubber	Black	Ty-Flöt
<b>T-NL24RSPBK</b>	Neck Lanyard with Pen Holder Retention Slider	Rubber	Black	Ty-Flöt
<b>T-NL24RSPRETBK</b>	Neck Lanyard with Pen Holder Slider & Retractor	Rubber	Black	Ty-Flöt



## WRIST CUFFS

- › One size fits all.
- › Unique hook and loop fastening system.
- › Stretch fabric provides superior comfort.
- › Ergonomically designed for use and function.

Product #	Name	Description	Color	Pack Qty.	Brand
<b>T-WCOR</b>	Wrist Cuff Tool Lanyard	One size fits all. Metal ring.	Orange	10	Ty-Flöt
<b>T-WCPK</b>	Wrist Cuff Tool Lanyard	One size fits all. Metal ring.	Pink	10	Ty-Flöt
<b>T-WCORPL</b>	Wrist Cuff Tool Lanyard	One size fits all. Plastic ring.	Orange	10	Ty-Flöt

T-WCOR

T-WCPK

## WRIST LANYARDS

This new style snap hook will prevent the accidental disengagement common with traditional plastic snap hooks with the following features:

- › Requires 2 actions to open the snap hook.
- › Standard comfort fit, one size fits all wrist cuff.
- › Simple, secure, and easy to use.

Product #	Name	Description	Color	Brand
<b>T-WCSNPHK2T</b>	Wrist Lanyard with Dual Action Snap Hook	Snap hook will prevent the accidental disengagement common with traditional plastic snap hooks.	Orange	Ty-Flöt
<b>T-WCSNPHK2TREL</b>	Wrist Lanyard with Dual Action Snap Hook: Safety Release	Snap hook will prevent the accidental disengagement common with traditional plastic snap hooks. Safety release (48 lbs of force).	Orange	Ty-Flöt

T-WCSNPHK2T

## D-RING WRIST STRAP SYSTEM

- › Completely forged D-Ring.
- › Reinforced elastic fabric for safe but comfortable wrist control.
- › All metal components to provide strong protection.
- › 12" length lanyard to prevent entanglement in work.
- › One carabiner that swivels to allow tool use in multiple and convenient positions.
- › Two stainless steel carabiners with screw gate.



JDR2

Product #	Name	Size (in) L/W/H	Max. Tool Weight (lbs)	Brand
<b>JWS-DR</b>	Tethering D-Ring Wrist Strap	13 / 2 / 0.25	6	Proto®
<b>JLANWR6LB</b>	Tethering D-Ring Wrist Strap Lanyard	12 / 1 / 0.25	6	Proto®
<b>JDR1</b>	Tethering D-Ring Wrist Strap System with (1)JWS-DR and (1)JLANWR6LB	–	6	Proto®
<b>JDR2</b>	Tethering D-Ring Wrist Strap System with (2)JWS-DR and (2)JLANWR6LB	–	6	Proto®
<b>JDR4</b>	Tethering D-Ring Wrist Strap System with (2)JWS-DR and (4)JLANWR6LB	–	6	Proto®

Ty-Flöt products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.

## RETRACTABLE WRIST CUFFS

- › One size fits all.
- › Unique hook and loop fastening system.
- › High quality retractor (locking style option).
- › 4-foot Long retractable rope (Kevlar wire or Spectra).
- › Stretch fabric provides superior comfort.
- › Easily connects to many attachment points.



Product #	Name	Length (ft)	Max. Tool Weight (lbs)	Color	Brand
<b>T-WCRETBKWR</b>	Wrist Cuff Lanyard Retractable - Wire	4	1.50	Black	Ty-Flöt
<b>T-WCRETORWR</b>	Wrist Cuff Lanyard Retractable - Wire	4	1.50	Orange	Ty-Flöt
<b>T-WCRETPKWR</b>	Wrist Cuff Lanyard Retractable - Wire	4	1.50	Pink	Ty-Flöt
<b>T-WCRETBKKV</b>	Wrist Cuff Lanyard Retractable - Kevlar Rope	4	1.00	Black	Ty-Flöt
<b>T-WCRETORKV</b>	Wrist Cuff Lanyard Retractable - Kevlar Rope	4	1.00	Orange	Ty-Flöt
<b>T-WCRETPKKV</b>	Wrist Cuff Lanyard Retractable - Kevlar Rope	4	1.00	Pink	Ty-Flöt
<b>T-WCRETLCKOR</b>	Wrist Cuff Lanyard Retractable Locking - Spectra Rope	4	2.00	Orange	Ty-Flöt



## SWIVEL LANYARD FOR SHACKLE PINS

- › Prevents shackle pin from loss.
- › Swivel design to prevent tangling.
- › Quick Installation.
- › 2 Options fits most style shackles.



Product #	Name	Description	Brand
<b>T-LANSHKLCR</b>	Swivel Lanyard for Shackle Pins	Prevents shackle pin from loss. Swivel design to prevent tangling.	Ty-Flöt



## TOOL LANYARDS - WIRE

- › Heavy-duty lanyards for use with large tools.
- › 10-15 lbs max. weight tool limit.
- › Swivel option on some lanyards to prevent entanglement.



Product #	Name	Attachment	Length (in)	Max. Tool Weight (lbs)	Brand
<b>T-L48WR10SSG</b>	Wire Lanyard	Screw gate and swivel	48	10	Ty-Flöt
<b>T-L48WR153T</b>	Wire Lanyard	Trip action lock	48	15	Ty-Flöt
<b>T-L48WR153TSW</b>	Wire Swivel Lanyard	Trip action lock	48	15	Ty-Flöt





## TOOL LANYARDS - SWIVEL COIL

- › 360° Swivels to prevent entanglement and increase longevity of the lanyard.
- › Solid coil (T-CC2072OR) offers superior coil memory compared to other wired coil lanyards.
- › Models T-CC2072OR & T-CC348WRSW (U.S. Patent No. D676,734) has a protected label identifying rating, instructions, date of mfg, and traceability number.
- › Up to 10 lbs max. tool weight rating.
- › EZ Clean Material.



T-CC1872WRRD



T-CC348WRSW

Product #	Name	Attachment	Max. Tool Weight (lbs)	Pack Qty.	Brand
<b>T-CC1872WRRD</b>	Coil Tool Lanyard - Light Duty	For light duty use with swivels and snap hooks	-	10	Ty-Flöt
<b>T-CC348WRSW</b>	Coil Tool Lanyard	Swivels and Screw Gate Carabiner	5	10	Ty-Flöt
<b>T-CC2072OR</b>	Coil Tool Lanyard	Swivels and Screw Gate Carabiner	10	10	Ty-Flöt

SWIVEL COIL & ELASTIC LANYARDS

## TOOL LANYARDS - ELASTIC

- › Internal bungee cord with nylon outer sheathing on dual carabiner lanyards.
- › Lanyards with one carabiner have elastic woven into the webbing providing longevity versus standard elastic lanyards.



JLAN15LB3LK

Product #	Name	Attachment	Retracted Length (in)	Extended Length (in)	Max Tool Weight (lbs)	Brand
<b>JLAN15LBSSRP</b>	Elastic Lanyard	(1) Screw Gate Carabiner	32	48	15	Proto®
<b>JLAN15LBSSCAR</b>	Elastic Lanyard	(1) Spring Gate Stainless Steel Carabiner	32	48	15	Proto®
<b>JLAN15LB3LK</b>	Elastic Lanyard	(1) Triple Lock Carabiner	32	48	15	Proto®
<b>JLAN15LBDSS</b>	Elastic Lanyard	(2) Spring Gate Stainless Steel Carabiners	27	52	15	Proto®
<b>JLAN20LBD3LK</b>	Elastic Lanyard	(2) Triple Lock Carabiners	27	52	20	Proto®
<b>JLAN25LBDSS</b>	Elastic Lanyard	(2) Screw Gate Stainless Steel Carabiners	45	118	25	Proto®
<b>T-9TL14001</b>	Elastic Lanyard	(2) Aluminum Carabiners	37 - 45	124	25	Ty-Flöt
<b>T-BNGEXTRPRPOR</b>	Elastic Lanyard	(2) Rope Ends	30	48	5	Ty-Flöt
<b>T-BNGEXTCCAL</b>	Elastic Lanyard	(2) Aluminum Carabiners	27	52	5	Ty-Flöt

Ty-Flöt products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.

## TOOL LANYARDS - WEB

- › Heavy-duty lanyards for use with large tools.
- › Swivel option on some lanyards to prevent entanglement.



JLAN40LBD3LKSW

Product #	Name	Attachment	Length (ft)	Max Tool Weight (lbs)	Color	Pack Qty.	Brand
JLAN40LBD3LKSW	Web Lanyard	(2) Triple Lock Swivel Carabiners	4	40	Orange	1	Proto®
JLAN40LBD3LK	Web Lanyard	(2) Triple Lock Carabiners	4	40	Orange	1	Proto®
T-L72403TLP	Web Lanyard	Triple Action Lock with Loop	6	40	Orange		Ty-Flöt
T-L72403TSWLP	Web Lanyard	Triple Action Lock & Swivel	6	40	Orange		Ty-Flöt
T-L120403TLP	Web Lanyard	Loop and Triple Action Carabiner with Offset	10	40	Orange		Ty-Flöt
T-L36803TSWLP	Web Lanyard	Triple Action Lock & Swivel with Loop	3	80	Orange		Ty-Flöt
T-L72803TSWLP	Web Lanyard	Swivel Triple Action Lock with Loop	6	80	Orange		Ty-Flöt
T-L72803TSW3TO	Web Lanyard	Triple Action Lock & Triple Action Offset	6	80	Orange		Ty-Flöt

## LANYARD SAMPLE KIT

Product #: JLANSMPKIT

- › One of each standard size used for determining proper fit.

Contents	Description	Max. Tool Weight (lbs)	Brand
JLAN15LB3LK	Elastic Lanyard with Triple Lock Carabiner	15	Proto®
JLAN15LBDSS	Elastic Lanyard with (2) Stainless Steel Carabiners	15	Proto®
JLAN15LBSSEAR	Elastic Lanyard with Stainless Steel Carabiner	15	Proto®
JLAN15LBSERP	Elastic Lanyard with Screw Gate Carabiner	15	Proto®
JLAN20LBD3LK	Elastic Lanyard with (2) Triple Lock Carabiners	20	Proto®
JLAN40LBD3LK	Web Lanyard with Triple Lock Carabiner	40	Proto®
JLAN40LBD3LKSW	Web Lanyard with (2) Triple Lock Carabiners	40	Proto®



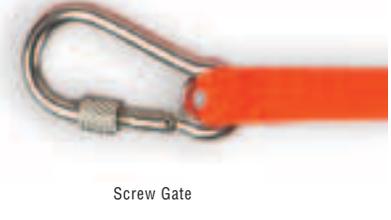


## TOOL LANYARDS - METALLIC

- › High strength nylon webbing.
- › Quick and easy trigger snap hook or positive control screw gate.
- › Laminated and non-laminated versions.



Metal Clip



Screw Gate

Product #	Name	Size (in)	Max. Tool Weight (lbs)	Color	Pack Qty.	Brand
<b>T-SGS12OR</b>	Positive Control Tool Lanyard Screw Gate	12	10	Orange	10	Ty-Flöt
<b>T-SGS24OR</b>	Positive Control Tool Lanyard Screw Gate	24	10	Orange	10	Ty-Flöt
<b>T-SGS36OR</b>	Positive Control Tool Lanyard Screw Gate	36	8	Orange	10	Ty-Flöt
<b>T-SNPS12OR</b>	Tool Lanyard with Metal Clips	12	10	Orange	10	Ty-Flöt
<b>T-SNPS12PK</b>	Tool Lanyard with Metal Clips	12	10	Pink	10	Ty-Flöt
<b>T-SNPS24OR</b>	Tool Lanyard with Metal Clips	24	10	Orange	10	Ty-Flöt
<b>T-SNPS24PK</b>	Tool Lanyard with Metal Clips	24	10	Pink	10	Ty-Flöt
<b>T-SNPS36OR</b>	Tool Lanyard with Metal Clips	36	8	Orange	10	Ty-Flöt
<b>T-SNPS36PK</b>	Tool Lanyard with Metal Clips	36	8	Pink	10	Ty-Flöt
<b>T-SNPLMS12OR</b>	Tool Lanyard with Metal Clips - EZ Clean	12	10	Orange	10	Ty-Flöt
<b>T-SNPLMS12PK</b>	Tool Lanyard with Metal Clips - EZ Clean	12	10	Pink	10	Ty-Flöt
<b>T-SNPLMS24OR</b>	Tool Lanyard with Metal Clips - EZ Clean	24	10	Orange	10	Ty-Flöt
<b>T-SNPLMS24PK</b>	Tool Lanyard with Metal Clips - EZ Clean	24	10	Pink	10	Ty-Flöt
<b>T-SNPLMS36OR</b>	Tool Lanyard with Metal Clips - EZ Clean	36	8	Orange	10	Ty-Flöt
<b>T-SNPLMS36PK</b>	Tool Lanyard with Metal Clips - EZ Clean	36	8	Pink	10	Ty-Flöt



## RETRACTABLE TOOL LANYARDS

- › Attach to belt loops or harness D-rings.
- › T-1045601 and T-1045602 feature a lock switch.



T-TRSK8S



T-105601

T-105602

T-SDRF1315

Product #	Name	Description	Retracting Length (in)	Max. Tool Weight (lbs)	Retractor Force (oz)	Brand
<b>T-HDRF810*</b>	Heavy-Duty Retractor Pull with Carabiner	-	48	1	8 - 10	Ty-Flöt
<b>T-HDRF810S*</b>	Heavy-Duty Retractor Pull with Carabiner	Stainless Steel Cable	48	1	8 - 10	Ty-Flöt
<b>T-SDRF1315*</b>	Super Duty Retractor with Carabiner & Split Ring	-	36	1.5	13 - 15	Ty-Flöt
<b>T-105601</b>	Retractor Tool Lanyard with Belt Mount	Snap/Belt Mount	42	2	8	Ty-Flöt
<b>T-1045601</b>	Retractor Tool Lanyard with Belt Mount	Snap/Belt Mount	38	1	3	Ty-Flöt
<b>T-105602</b>	Retractor Tool Lanyard with Stainless Steel Carabiner	Stainless Steel Screw Gate Carabiner	42	2	8	Ty-Flöt
<b>T-1045602</b>	Retractor Tool Lanyard with Stainless Steel Carabiner	Stainless Steel Screw Gate Carabiner	38	1	3	Ty-Flöt
<b>T-10205A</b>	Tether Attachment for Retractor	Elastic	-	-	32	Ty-Flöt
<b>T-10926A</b>	Tether Attachment for Retractor	Elastic	-	-	16	Ty-Flöt
<b>T-TRSK8S</b>	Retractor Locking Tool Lanyard	Belt (1.55" wide) or Carabiner Mounted	40	1		Ty-Flöt

\* Do not force or bend the spring gate laterally as this will render the carabiner ineffective and create the potential for small parts to be released.



Ty-Flöt products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.

## COIL LANYARDS

- › Prevents phones, ID badges, TLDs, EDs, etc. from becoming falling objects.
- › Slide rope clips through manufacturer's hole.
- › Easy cleaning tether with excellent coil memory.



Product #	Name	Length (in)	Color	Pack Qty.	Brand
<b>T-CC35DBSNP</b>	Retractable Lanyard with Dual Clips	3.5	Orange	25	Ty-Flöt
<b>T-CC5PHSNPBK</b>	Retractable Lanyard with Swivel Clips	5	Black	25	Ty-Flöt
<b>T-CC5PHSNPOR</b>	Retractable Lanyard with Swivel Clips	5	Orange	25	Ty-Flöt
<b>T-CC5PHSNPPK</b>	Retractable Lanyard with Swivel Clips	5	Pink	25	Ty-Flöt



## TOOL LANYARDS - NON-METALLIC CLIP

- › High strength nylon webbing.
- › Plastic snap hook clip.
- › Quickly attaches to smaller tools.



Product #	Name	Size (in)	Max. Tool Weight (lbs)	Color	Pack Qty.	Brand
<b>T-SNPS12ORPL</b>	Tool Lanyard with Non-Metallic Clips	12	2	Orange	10	Ty-Flöt
<b>T-SNPS12PKPL</b>	Tool Lanyard with Non-Metallic Clips	12	2	Pink	10	Ty-Flöt
<b>T-SNPS24ORPL</b>	Tool Lanyard with Non-Metallic Clips	24	1.5	Orange	10	Ty-Flöt
<b>T-SNPS24PKPL</b>	Tool Lanyard with Non-Metallic Clips	24	1.5	Pink	10	Ty-Flöt
<b>T-SNPS36ORPL</b>	Tool Lanyard with Non-Metallic Clips	36	1	Orange	10	Ty-Flöt
<b>T-SNPS36PKPL</b>	Tool Lanyard with Non-Metallic Clips	36	1	Pink	10	Ty-Flöt
<b>T-SNPLMS12ORPL</b>	Tool Lanyard with Non-Metallic Clips - EZ Clean	12	2	Orange	10	Ty-Flöt
<b>T-SNPLMS12PKPL</b>	Tool Lanyard with Non-Metallic Clips - EZ Clean	12	2	Pink	10	Ty-Flöt
<b>T-SNPLMS24ORPL</b>	Tool Lanyard with Non-Metallic Clips - EZ Clean	24	1.5	Orange	10	Ty-Flöt
<b>T-SNPLMS24PKPL</b>	Tool Lanyard with Non-Metallic Clips - EZ Clean	24	1.5	Pink	10	Ty-Flöt
<b>T-SNPLMS36ORPL</b>	Tool Lanyard with Non-Metallic Clips - EZ Clean	36	1	Orange	10	Ty-Flöt
<b>T-SNPLMS36PKPL</b>	Tool Lanyard with Non-Metallic Clips - EZ Clean	36	1	Pink	10	Ty-Flöt





## SAFETY BREAK-AWAY LANYARDS

- › Tether will release, not break apart.
- › Attach one end to the plastic D-ring on the standard lanyards and the other end to an attachment point.



Product #	Name	Tensile Strength (lbs)	Color	Pack Qty.	Brand
<b>T-TETHBROR</b>	Safety Breakaway Lanyard	7	Orange	10	Ty-Flöt
<b>T-TETHBRPK</b>	Safety Breakaway Lanyard	7	Pink	10	Ty-Flöt
<b>T-TETHBRRED</b>	Safety Breakaway Lanyard	7	Red	10	Ty-Flöt



BREAK-AWAY LANYARDS & PPE

## GLOVE TETHERS

- › Keep gloves and ear protection at an arm's reach.
- › Two styles for optimal use in any situation.
- › Reduce the cost of lost gloves and time spent searching for PPE.
- › Attach to belt loops or any convenient location.
- › Easy opening.
- › Features a breakaway.



Product #	Name	Description	Pack Qty.	Brand
<b>JPPEGLV</b>	PPE Caddy® Glove Holder	Secures gloves to belt loop	50	Proto®
<b>JPPEGLV10</b>	PPE Caddy® Glove Holder	Secures gloves to belt loop	10	Proto®
<b>JPPEGLVPOU</b>	PPE Caddy® Glove Holder/Pouch	Glove holder with pouch to hold ear protection	50	Proto®
<b>JPPEGLVPOU10</b>	PPE Caddy® Glove Holder/Pouch	Glove holder with pouch to hold ear protection	10	Proto®

## PPE SAMPLE KIT

Product #: **JPPESMPLKIT**

- › All PPE style lanyards in one kit.



Contents	Description	Brand
JPPEGLV	PPE Caddy® Glove Holder	Proto®
JPPEGLVPOU	PPE Caddy® Glove Holder with Pouch	Proto®
JLANHATRD	Hard Hat Lanyard	Proto®

Ty-Flöt products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.

## EYEGLOSS RETAINERS

- ▶ 100% cotton.



Product #	Name	Description	Printed	Color	Brand
T-ERETRCB	Eyeglass Retainer-Lg Frame	Eyeglass retainers for large frames	–	Orange	Ty-Flöt
T-ERETRCHOR	Eyeglass Retainer-Rg Frame	Eyeglass retainers for regular frames	FME BEGINS WITH ME	Orange	Ty-Flöt
T-ERETRCHRD	Eyeglass Retainer-Rg Frame	Eyeglass retainers for regular frames	FME BEGINS WITH ME	Red	Ty-Flöt
T-ERETRCHPK	Eyeglass Retainer-Sm Frame	Eyeglass retainers for smaller frames	FME BEGINS WITH ME	Pink	Ty-Flöt
T-ERETRDBMOR	Eyeglass Retainer Dual Bkwy	Dual breakaway eyeglass retainers	–	Orange	Ty-Flöt
T-ERETDBKPLBK	Eyeglass Retainer Dual Bkwy	Dual breakaway eyeglass retainers	–	Black	Ty-Flöt

## STANDARD TOOLING LANYARDS

- ▶ No metal components.
- ▶ Adjustable hook and loop wrist strap.



Product #	Name	Type	Max. Tool Weight (lbs)	Color	Pack Qty.	Brand
T-LYWSC	Can Strap Attachment for Tool Lanyard	–	2	Orange	10	Ty-Flöt
T-LYWSROR	Standard Tooling Lanyard	Regular	2	Orange	10	Ty-Flöt
T-LYWSSOR	Standard Tooling Lanyard	Small	2	Orange	10	Ty-Flöt
T-LYWSRORBLK	Bulk Standard Tooling Lanyard	Regular	2	Orange	100	Ty-Flöt
T-LYWSSBLK	Bulk Standard Tooling Lanyard	Small	2	Yellow	100	Ty-Flöt
T-EZLYWSORPL	Wrist Lanyard EZ Clean	Plastic	2	Orange	10	Ty-Flöt
T-STDCNCHOR	Cinching Tool Lanyard	Plastic	3	Orange	10	Ty-Flöt
T-STDCNCHORBLK	Bulk Cinching Tool Lanyard	Plastic	3	Orange	100	Ty-Flöt

## ECONOMY LANYARDS

- ▶ No metal parts.



Product #	Name	Attachment	Max. Tool Weight (lbs)	Color	Pack Qty.	Brand
T-ECOLNY1RED	Economy Tool Lanyard Cinching	–	2	Red	10	Ty-Flöt
T-ECOLNY1OR	Economy Tool Lanyard Cinching	–	2	Orange	10	Ty-Flöt
T-ECOLNY1PK	Economy Tool Lanyard Cinching	–	2	Pink	10	Ty-Flöt
T-ECOLNY1EZOR	Economy Tool Lanyard Cinching - EZ Clean	–	3	Orange	10	Ty-Flöt
T-ECOLNY1EZPK	Economy Tool Lanyard Cinching - EZ Clean	–	3	Pink	10	Ty-Flöt
T-ECOLNY2OR	Economy Tool Lanyard Cinching	Clip	2	Orange	10	Ty-Flöt
T-ECOLNY2PK	Economy Tool Lanyard Cinching	Clip	2	Pink	10	Ty-Flöt
T-ECOLNY2RED	Economy Tool Lanyard Cinching	Clip	2	Red	10	Ty-Flöt
T-ECOLNY2EZOR	Economy Tool Lanyard Cinching - EZ Clean	Clip	3	Orange	10	Ty-Flöt
T-ECOLNY2EZPK	Economy Tool Lanyard Cinching - EZ Clean	Clip	3	Pink	10	Ty-Flöt
T-ECOLNY3OR	Economy Tool Lanyard with VersaClamp®	VersaClamp®	N/A	Orange	10	Ty-Flöt
T-BNGLNY1	Tool Lanyard Bungee Cinching	–	2	Black	10	Ty-Flöt
T-BNGLNY2	Tool Lanyard Bungee Cinching	Clip	2	Black	10	Ty-Flöt



## RETRACTABLE PEN/PENCIL LANYARDS

- › Clips to most neck lanyards and belt loops.
- › Great for warehouse and office use.

Product #	Name	Retractor Length (in)	Color	Brand
<b>T-RETPENCABK</b>	Retractable Pen Holder with Non-Metallic Clip	24	Black	Ty-Flöt
<b>T-RETPENCAOR</b>	Retractable Pen Holder with Non-Metallic Clip	24	Orange	Ty-Flöt
<b>T-RETPENDB</b>	Dual Badge/Pen Retractor	24	Black	Ty-Flöt
<b>T-RETPENPPBK</b>	Dual Pen Retractor - Small/Large	24	Black	Ty-Flöt
<b>T-RETPENPPOR</b>	Dual Pen Retractor - Small/Large	24	Orange	Ty-Flöt

## PEN/PENCIL LANYARDS

- › Fits most pens, pencils, and Sharpies.
- › Tubular knit fabric.
- › Can be used for small tools and pen lights.



Product #	Name	Description	Size (in)	Color	Pack Qty.	Brand
<b>T-LVATT1OR</b>	Pen/Pencil Lanyard Heat Shrink Hold	Heat shrink style	3	Orange	100	Ty-Flöt
<b>T-LVATT1PK</b>	Pen/Pencil Lanyard Heat Shrink Hold	Heat shrink style	3	Pink	100	Ty-Flöt
<b>T-LVATT1RED</b>	Pen/Pencil Lanyard Heat Shrink Hold	Heat shrink style	3	Red	100	Ty-Flöt
<b>T-LVATT2OR</b>	Pen/Pencil Lanyard EZ Style	Easy insertion	3	Orange	100	Ty-Flöt
<b>T-LVATT2PK</b>	Pen/Pencil Lanyard EZ Style	Easy insertion	3	Pink	100	Ty-Flöt
<b>T-LVATT2RED</b>	Pen/Pencil Lanyard EZ Style	Easy insertion	3	Red	100	Ty-Flöt
<b>T-LVATT2LGOR</b>	Large Pen/Pencil Lanyard EZ Style	Easy insertion	3	Orange	100	Ty-Flöt
<b>T-LVATT2LGPK</b>	Large Pen/Pencil Lanyard EZ Style	Easy insertion	3	Pink	100	Ty-Flöt
<b>T-LVATT2LGRE</b>	Large Pen/Pencil Lanyard EZ Style	Easy insertion	3	Red	100	Ty-Flöt

## CAMERA LANYARDS

- › Adjustable to the user's wrist (one size fits all).
- › Fits any camera with tether slot.



Product #	Name	Max. Tool Weight (lb)	Pack Qty.	Brand
<b>T-CAMLAN</b>	Camera Lanyard	1	10	Ty-Flöt
<b>T-CAMLANEZ</b>	Camera Lanyard - EZ Clean	1	10	Ty-Flöt



T-CAMLAN

Ty-Flöt products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.

# STORAGE

## POCKETS, POUCHES & BUCKETS



### TAPE MEASURE POCKET

- › Designed to conveniently hold a wide variety of tape measures.
- › Fits up to 2-inch tool belts.
- › 42-inch retractor with lock (T-RETTAPE).
- › Includes tape sleeve attachment for tape measure.
- › Ballistic nylon.



JTAPESLV



T-RETTAPE

Product #	Name	Description	Max. Tool Weight (lbs)	Brand
JTAPESLV	Tethered Tape Rule Sleeve	Tethered tape rule sleeve with D-ring	2	Proto®
T-RETTAPE	Retractable Tape Pocket with Mount	42-inch Retractor with lock. Spectra cord	2	Ty-Flot



## RETRACTABLE HAMMER / RATCHET POCKET

- › Designed for hammers and scaffold ratchets.
- › Fits up to 2-inch tool belts.
- › 42-inch Retractor with lock.
- › Ballistic nylon.



POCKETS & POUCHES

Product #	Name	Description	Max. Tool Weight (lbs)	Brand
<b>T-RETHR</b>	Retractable Hammer/Ratchet Pocket	42-inch Retractor with lock. Spectra cord	2	Ty-Flöt

## RETRACTABLE 4 POCKET TOOL POUCH

- › Designed to hold hammers, scaffold ratchets, level, pliers, and tape measure.
- › Fits up to 2-inch tool belts.
- › 4 Retractors, 2 lanyard attachment points.
- › Ballistic nylon.



Product #	Name	Description	Max. Tool Weight (lbs)	Brand
<b>T-RET4PKT</b>	Retractable 4 Pocket Pouch - EZ Clean	(4) Retractors and (2) lanyard attachment points. Spectra cord	(1) for small retractors (2) for large retractors	Ty-Flöt

Ty-Flöt products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.

## RETRACTABLE POUCH

- › 3 Ft. retractable lanyard rated to 1.5 lbs.
- › Removable retractor.
- › Strong & durable ballistic nylon.



Product #	Name	Description	Length (in)	Width (in)	Height (in)	Max. Tool Weight (lbs)	Brand
JRETSPOU1	1-Pocket Retractable Pouch	Tethering D-Ring 1-Pocket Retractable Pouch	11	4	0.5	1.5	Proto®
JRETSPOU2	2-Pocket Retractable Pouch	Tethering D-Ring 2-Pocket Retractable Pouch	11	4	0.5	1.5	Proto®
JRETSSET1	1-Pocket Retractable Pouch Set	Tethering D-Ring Pouch Set with 1-Pocket, Retractable Lanyard, and D-Ring Wrist Strap System with (2)JWS-DR and (2)JLANWR6LB	11	4	0.5	1.5	Proto®
JRETSSET2	2-Pocket Retractable Pouch Set	Tethering D-Ring Pouch Set with 2-Pockets, Retractable Lanyard, and D-Ring Wrist Strap System with (2)JWS-DR and (2)JLANWR6LB	11	4	0.5	1.5	Proto®

## RETRACTABLE 4 POCKET POUCH

- › Coil lanyards are designed to rotate, preventing entanglement.
- › Ergonomically designed positive control clips so tools won't accidentally fall out.
- › Heavy-duty ballistic nylon.
- › 36-inch extension.
- › Easy to clean or decontaminate.
- › Max Tool Weight: 5 lbs.



Product #	Name	Description	Brand
J072510ATA	4-Pocket Retractable Pouch	4-Pocket pouch with coil lanyards	Proto®

## RETRACTABLE 5 POCKET GLAZIER POUCH

- › Holds up to 5 tools.
- › Used for knives, chisels, cutters, 6-in-1 tools, pliers, etc.
- › Manufactured with durable ballistic nylon.
- › Adaptable with 2-inch belts.



Product #	Name	Description	Brand
T-RETP5GLZ	Retractable 5 Pocket Glazier Pouch	Manufactured with durable ballistic nylon	Ty-Flöt

## ANTI-SPILL POUCHES

- › Buckle closure.
- › Ballistic nylon.
- › Adaptable with 3-inch belts.

T-TLPC9X9SCL



T-TLPC9X9

Product #	Name	Description	Brand
T-TLPC9X9	Tool Pouch with Internal Pocket	9-in x 9-in. Buckle closure. Ballistic nylon	Ty-Flöt
T-TLPC9X9SCL	Self Closing Parts Pouch	9-in x 9-in. Buckle closure. Ballistic nylon	Ty-Flöt



## TOOL BUCKETS



JBUCK300LBZP



T-TB1322PV



T-TB10130CV

BUCKETS

Product #	Name	Description	Size (in Dia. x in Deep)	Max. Tool Weight (lbs)	Brand
<b>JBUCK300LBZP</b>	Tethering D-Ring Lift Bucket	Tethering D-Ring Lift Bucket with Swivel Triple Lock Carabiner	13 x 15	300	Proto®
<b>JBUCKSET</b>	Tethering D-Ring Lift Bucket Set	Tethering D-Ring Lift Bucket Set with D-Ring Wrist Strap System (2)JWS-DR and (6)JLANWR6LB	13 x 15	300	Proto®
<b>T-TB180VVC</b>	Swivel Free Tool Bucket	Swivel carabiner to prevent entanglement	12.5 x 15	180	Ty-Flöt
<b>T-TB2028PV</b>	Vinyl Tool Bucket	Dual load rated upright and closure	20 x 28	500	Ty-Flöt
<b>T-TB1322PV</b>	Vinyl Tool Bucket	Dual load rated upright and closure	13 x 22	150	Ty-Flöt
<b>T-TB1060CV</b>	Canvas Tool Bucket	Dual load rated upright and closure	10 x 60	200	Ty-Flöt
<b>T-TB10130CV</b>	Canvas Tool Bucket	Dual load rated upright and closure	10 x 130	125	Ty-Flöt

## ANTI-SPILL BUCKETS

- › Rugged polymer bottom.
- › Heavy-duty canvas construction.
- › Reinforced plastic liner.
- › 12-inch Diameter x 15-inch deep.
- › 10 Tool attachments on the inside.
- › Each ring can hold multiple tools.
- › Rope handle with swivel snap hook for hoisting.



T-2070HBDLXHK

Product #	Name	Max. Tool Weight (lbs)	Brand
<b>T-2070HB</b>	Anti-spill Bucket with 10 Key Rings	75	Ty-Flöt
<b>T-2070HBSTDHK</b>	Anti-spill Bucket with 10 Snap Hooks	75	Ty-Flöt
<b>T-2070HBDLXHK</b>	Anti-spill Bucket with 10 Deluxe Connectors	75	Ty-Flöt

Ty-Flöt products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.

# ACCESSORIES

## BELTS & RETRACTORS



JBELTSET-L



### TOOL BELT SETS

Product #	Name	Description	Size (in)	Color	Brand
<b>JBELTSET-M</b>	Comfort Belt Set Medium	Tethering Medium Comfort Belt Set with (2) Belt Adapter (JBELTAD2) and D-Ring Wrist Strap System (2)JWS-DR and (2)JLANWR6LB	28 - 40	■ Black	Proto®
<b>JBELTSET-L</b>	Comfort Belt Set Large	Tethering Large Comfort Belt Set with (2) Belt Adapter (JBELTAD2) and D-Ring Wrist Strap System (2)JWS-DR and (2)JLANWR6LB	40 - 54	■ Black	Proto®

### TOOL BELTS

Product #	Name	Description	Size (in)	Color	Brand
<b>JBELTCM-M</b>	Comfort Belt Medium	Tethering Comfort Belt	28 - 40	■ Black	Proto®
<b>JBELTCM-L</b>	Comfort Belt Large	Tethering Comfort Belt	40 - 54	■ Black	Proto®
<b>T-BELTEZROR</b>	Tool Belt - Regular - EZ Clean	EZ Clean belts are non-absorbing and resist stretching	26 - 48	■ Orange	Ty-Flöt
<b>T-BELTEZRPK</b>	Tool Belt - Regular - EZ Clean	EZ Clean belts are non-absorbing and resist stretching	26 - 48	■ Pink	Ty-Flöt
<b>T-BELTEZLOR</b>	Tool Belt - Large - EZ Clean	EZ Clean belts are non-absorbing and resist stretching	48 - 60	■ Orange	Ty-Flöt
<b>T-BELTEZLPK</b>	Tool Belt - Large - EZ Clean	EZ Clean belts are non-absorbing and resist stretching	48 - 60	■ Pink	Ty-Flöt
<b>T-DLXBELTM</b>	Deluxe Tool Belt Medium	Inner pad with threaded outer webbing	28 - 40	■ Black	Ty-Flöt
<b>T-DLXBELTL</b>	Deluxe Tool Belt Large	Inner pad with threaded outer webbing	40 - 54	■ Black	Ty-Flöt





## TOOL BELTS AND CARABINER ADAPTERS



JBELTAD2



T-BLTEZCBROR

TOOL BELTS & RETRACTORS

Product #	Name	Description	Size (in)	Color	Brand
<b>JBELTAD2</b>	Belt Adaptor with (2) Carabiners	(2) Screw Gate Carabiners	2	Orange	Proto®
<b>T-BLTAD2PK</b>	Belt Adaptor with (2) Carabiners	(2) Screw Gate Carabiners	2	Pink	Ty-Flöt
<b>T-EZBLTAD2OR</b>	Belt Adaptor with (2) Carabiners - EZ Clean	(2) Screw Gate Carabiners	2	Orange	Ty-Flöt
<b>T-EZBLTAD2PK</b>	Belt Adaptor with (2) Carabiners - EZ Clean	(2) Screw Gate Carabiners	2	Pink	Ty-Flöt
<b>T-BLTEZCBROR</b>	Regular Tool Belt with (4) Adaptors - EZ Clean	EZ Clean belts are non-absorbing and resist stretching	26 - 48	Orange	Ty-Flöt
<b>T-BLTEZCBRPK</b>	Regular Tool Belt with (4) Adaptors - EZ Clean	EZ Clean belts are non-absorbing and resist stretching	26 - 48	Pink	Ty-Flöt
<b>T-BLTEZCBLOR</b>	Large Tool Belt with (4) Adaptors - EZ Clean	EZ Clean belts are non-absorbing and resist stretching	48 - 60	Orange	Ty-Flöt
<b>T-BLTEZCBLPK</b>	Large Tool Belt with (4) Adaptors - EZ Clean	EZ Clean belts are non-absorbing and resist stretching	48 - 60	Pink	Ty-Flöt

## BELT RETRACTORS

T-481BLROT325



T-481BLROT225



Product #	Name	Description	Size (in)	Max. Tool Weight (lb)	Brand
<b>T-481BLROT225</b>	Belt Hoop Retractor	48-inch Kevlar retractor cord	2.25	1	Ty-Flöt
<b>T-481BLROT325</b>	Belt Hoop Retractor	48-inch Kevlar retractor cord	3.25	1	Ty-Flöt

## DOUBLE-UP™ BELT RETRACTORS

T-RETDUBL



T-RETDUBLSNP



Product #	Name	Description	Size (in)	Max. Tool Weight (lb)	Brand
<b>T-RETDUBL</b>	Double-Up™ Tool Retractor - Splitting	48-inch Wire cord	3.25	1.5	Ty-Flöt
<b>T-RETDUBLSNP</b>	Double-Up™ Tool Retractor - Snap Hooks	48-inch Wire cord	3.25	1.5	Ty-Flöt
<b>T-RETDUBLCK</b>	Double-Up™ Tool Retractor - Locking	42-inch Spectra cord	3.25	2	Ty-Flöt

Ty-Flöt products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.

# SOCKETS, DRIVE TOOLS & ACCESSORIES

All Proto® Tethered Tool Sockets, Ratchets, and Torque Wrenches feature a Positive Control Pin Detent System. Unlike the usual ball detent that only provides friction to retain the socket, the Positive Control System requires a separate tool (such as a punch pin) to attach or remove the socket. These sockets cannot be removed without specific intent.

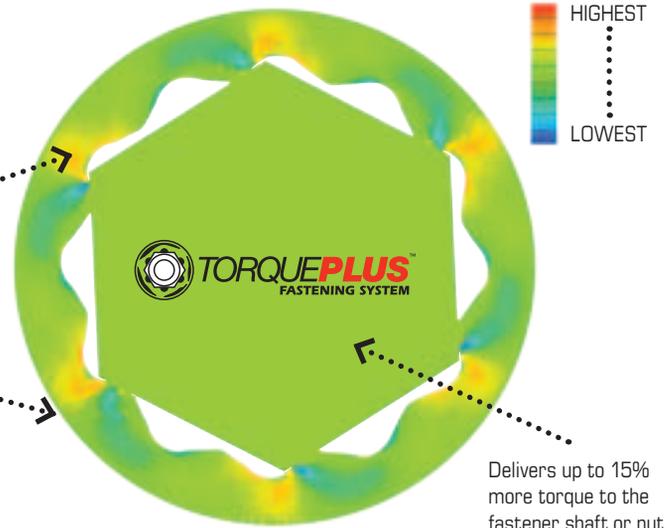


## TORQUEPLUS™ DELIVERS POWER WHERE YOU NEED IT

With TorquePlus™ technology, our sockets grip fasteners tighter than a conventional socket can, enabling you to solidly seat fasteners and more easily break stubborn fasteners free.

Engages fastener on the flats rather than on the corners.

Reduces rounding of corners by applying forces over a larger surface area.



Delivers up to 15% more torque to the fastener shaft or nut.

## CONVENTIONAL SOCKETS VS TORQUEPLUS™

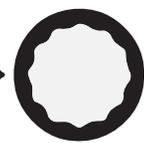
The difference is in the points. A TorquePlus™ socket features rounded points which allow the socket walls to contact the fastener walls, keeping pressure off the points. This engineering change helps the socket find a longer, better grip on the flat of the fastener head. All Proto® hand sockets feature the innovative TorquePlus™ design.

Angled Corners



CONVENTIONAL 6 POINT SOCKET

Rounded Corners



TORQUEPLUS™ 12 POINT SOCKET



## 3/8" DRIVE 21 PIECE METRIC SOCKET SET - 12 POINT

Product #: **J52215-TT**

- ▶ 12 Point Standard: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26 mm.
- ▶ Accessories: 9- and 11-inch Socket Bars, and 21 Socket Clips.



Contents	Description	MM
J5206M-TT	Socket, 3/8" DR 6 mm 12 PT	
J5207M-TT	Socket, 3/8" DR 7 mm 12 PT	
J5208M-TT	Socket, 3/8" DR 8 mm 12 PT	
J5209M-TT	Socket, 3/8" DR 9 mm 12 PT	
J5210M-TT	Socket, 3/8" DR 10 mm 12 PT	
J5211M-TT	Socket, 3/8" DR 11 mm 12 PT	
J5212M-TT	Socket, 3/8" DR 12 mm 12 PT	
J5213M-TT	Socket, 3/8" DR 13 mm 12 PT	
J5214M-TT	Socket, 3/8" DR 14 mm 12 PT	
J5215M-TT	Socket, 3/8" DR 15 mm 12 PT	
J5216M-TT	Socket, 3/8" DR 16 mm 12 PT	
J5217M-TT	Socket, 3/8" DR 17 mm 12 PT	
J5218M-TT	Socket, 3/8" DR 18 mm 12 PT	
J5219M-TT	Socket, 3/8" DR 19 mm 12 PT	
J5220M-TT	Socket, 3/8" DR 20 mm 12 PT	
J5221M-TT	Socket, 3/8" DR 21 mm 12 PT	
J5222M-TT	Socket, 3/8" DR 22 mm 12 PT	
J5223M-TT	Socket, 3/8" DR 23 mm 12 PT	
J5224M-TT	Socket, 3/8" DR 24 mm 12 PT	
J5225M-TT	Socket, 3/8" DR 25 mm 12 PT	
J5226M-TT	Socket, 3/8" DR 26 mm 12 PT	
J2585	Socket, Bar 9"	
J2588	Socket, Bar 11"	
J2591	Socket, Clip 3/8" DR	

Weight (lbs): 2.98

AS954E S3.8.1 ASME B107.1

## 3/8" DRIVE 18 PIECE METRIC DEEP SOCKET SET - 12 POINT

Product #: **J52207-TT**

- ▶ 12 Point Deep: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23 mm.
- ▶ Accessories: 17-inch Socket Bar and 18 Socket Clips.



Contents	Description	MM
J5006M-TT	Socket, 3/8" DR Deep 6 mm 12 PT	
J5007M-TT	Socket, 3/8" DR Deep 7 mm 12 PT	
J5008M-TT	Socket, 3/8" DR Deep 8 mm 12 PT	
J5009M-TT	Socket, 3/8" DR Deep 9 mm 12 PT	
J5010M-TT	Socket, 3/8" DR Deep 10 mm 12 PT	
J5011M-TT	Socket, 3/8" DR Deep 11 mm 12 PT	
J5012M-TT	Socket, 3/8" DR Deep 12 mm 12 PT	
J5013M-TT	Socket, 3/8" DR Deep 13 mm 12 PT	
J5014M-TT	Socket, 3/8" DR Deep 14 mm 12 PT	
J5015M-TT	Socket, 3/8" DR Deep 15 mm 12 PT	
J5016M-TT	Socket, 3/8" DR Deep 16 mm 12 PT	
J5017M-TT	Socket, 3/8" DR Deep 17 mm 12 PT	
J5018M-TT	Socket, 3/8" DR Deep 18 mm 12 PT	
J5019M-TT	Socket, 3/8" DR Deep 19 mm 12 PT	
J5020M-TT	Socket, 3/8" DR Deep 20 mm 12 PT	
J5021M-TT	Socket, 3/8" DR Deep 21 mm 12 PT	
J5022M-TT	Socket, 3/8" DR Deep 22 mm 12 PT	
J5023M-TT	Socket, 3/8" DR Deep 23 mm 12 PT	
J2587	Socket Bar, 17"	
J2591	Socket Clip, 3/8" DR	

Weight (lbs): 2.98

AS954E S3.8.1 ASME B107.1

Ty-Flot products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.



**3/8" DRIVE 13 PIECE SOCKET SET - 12 POINT****Product #: J52124-TT**

- ▶ 12 Point Standard: 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1 Inch.
- ▶ Accessories: 13-inch Socket Bar with 13 Socket Clips.

Contents	Description	INCH
J5208-TT	Socket, 3/8" DR 1/4" 12 PT	
J5210-TT	Socket, 3/8" DR 5/16" 12 PT	
J5212-TT	Socket, 3/8" DR 3/8" 12 PT	
J5214-TT	Socket, 3/8" DR 7/16" 12 PT	
J5216-TT	Socket, 3/8" DR 1/2" 12 PT	
J5218-TT	Socket, 3/8" DR 9/16" 12 PT	
J5220-TT	Socket, 3/8" DR 5/8" 12 PT	
J5222-TT	Socket, 3/8" DR 11/16" 12 PT	
J5224-TT	Socket, 3/8" DR 3/4" 12 PT	
J5226-TT	Socket, 3/8" DR 13/16" 12 PT	
J5228-TT	Socket, 3/8" DR 7/8" 12 PT	
J5230-TT	Socket, 3/8" DR 15/16" 12 PT	
J5232-TT	Socket, 3/8" DR 1" 12 PT	
J2586	Socket, Bar 13"	
J2591	Socket, Clip 3/8" DR	

Weight (lbs): 1.96  AS954E S3.8.1 ASME B107.1

**3/8" DRIVE 13 PIECE DEEP SOCKET SET - 12 POINT****Product #: J52112-TT**

- ▶ 12 Point Deep: 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1 Inch.
- ▶ Accessories: 13-inch Socket Bar with 13 Socket Clips.

Contents	Description	INCH
J5008-TT	Socket, 3/8" DR 1/4" 12 PT Deep	
J5010-TT	Socket, 3/8" DR 5/16" 12 PT Deep	
J5012-TT	Socket, 3/8" DR 3/8" 12 PT Deep	
J5014-TT	Socket, 3/8" DR 7/16" 12 PT Deep	
J5016-TT	Socket, 3/8" DR 1/2" 12 PT Deep	
J5018-TT	Socket, 3/8" DR 9/16" 12 PT Deep	
J5020-TT	Socket, 3/8" DR 5/8" 12 PT Deep	
J5022-TT	Socket, 3/8" DR 11/16" 12 PT Deep	
J5024-TT	Socket, 3/8" DR 3/4" 12 PT Deep	
J5026-TT	Socket, 3/8" DR 13/16" 12 PT Deep	
J5028-TT	Socket, 3/8" DR 7/8" 12 PT Deep	
J5030-TT	Socket, 3/8" DR 15/16" 12 PT Deep	
J5032-TT	Socket, 3/8" DR 1" 12 PT Deep	
J2586	Socket, Bar 13"	
J2591	Socket, Clip 3/8" DR	

Weight (lbs): 3.64  AS954E S3.8.1 ASME B107.1





## 3/8" & 1/2" DRIVE 10 PIECE HEX BIT SET

**Product #: J4900A-TT**

- ▶ 3/8-inch Drive: 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8 Inch.
- ▶ 1/2-inch Drive: 1/2, 9/16, 5/8 Inch.

Contents	Description	INCH
J49901/8-TT	Socket, Hex Bit 3/8" DR 1/8"	
J49905/32-TT	Socket, Hex Bit 3/8" DR 5/32"	
J49903/16-TT	Socket, Hex Bit 3/8" DR 3/16"	
J49907/32-TT	Socket, Hex Bit 3/8" DR 7/32"	
J49901/4-TT	Socket, Hex Bit 3/8" DR 1/4"	
J49905/16-TT	Socket, Hex Bit 3/8" DR 5/16"	
J49903/8-TT	Socket, Hex Bit 3/8" DR 3/8"	
J54411/2-TT	Socket, Hex Bit 1/2" DR 1/2"	
J54419/16-TT	Socket, Hex Bit 1/2" DR 9/16"	
J54415/8-TT	Socket, Hex Bit 1/2" DR 5/8"	
J4968PB	Blow-Molded Case	

Individual components available for purchase.

Weight (lbs): 3.15



3/8" & 1/2" DRIVE TETHER-READY HEX BIT SETS

## 3/8" & 1/2" DRIVE 10 PIECE METRIC HEX BIT SET

**Product #: J4900MA-TT**

- ▶ 3/8-inch Drive: 4, 5, 6, 7, 8, 9, 10 mm.
- ▶ 1/2-inch Drive: 12, 14, 17 mm.

Contents	Description	MM
J4990-4M-TT	Socket, Hex Bit 3/8" DR 4 mm	
J4990-5M-TT	Socket, Hex Bit 3/8" DR 5 mm	
J4990-6M-TT	Socket, Hex Bit 3/8" DR 6 mm	
J4990-7M-TT	Socket, Hex Bit 3/8" DR 7 mm	
J4990-8M-TT	Socket, Hex Bit 3/8" DR 8 mm	
J4990-9M-TT	Socket, Hex Bit 3/8" DR 9 mm	
J4990-10M-TT	Socket, Hex Bit 3/8" DR 10 mm	
J5441-12M-TT	Socket, Hex Bit 1/2" DR 12 mm	
J5441-14M-TT	Socket, Hex Bit 1/2" DR 14 mm	
J5441-17M-TT	Socket, Hex Bit 1/2" DR 17 mm	
J4968PB	Blow-Molded Case	

Individual components available for purchase.

Weight (lbs): 3.11

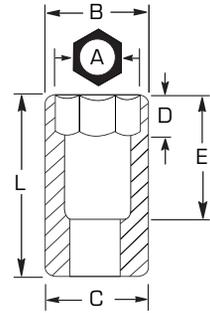


Ty-Flot products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.

## 3/8" DRIVE SOCKETS - 12 POINT



- ▶ Proto® 12 Point Sockets are ideal for use on stubborn or damaged fasteners, as well as on fasteners made from soft materials.
- ▶ TorquePlus™ features apply.



<b>12</b>	<b>INCH</b> (A)	<b>Nut End Outside Dia. (in)</b> (B)	<b>Drive End Outside Dia. (in)</b> (C)	<b>Nut Depth (in)</b> (D)	<b>Bolt Clearance Depth (in)</b> (E)	<b>Overall Length (in)</b> (L)	<b>Weight (lbs)</b>
J5208-TT	1/4	25/64	43/64	23/64	21/32	1-3/32	0.05
J5210-TT	5/16	15/32	43/64	23/64	21/32	1-3/32	0.05
J5212-TT	3/8	35/64	43/64	23/64	21/32	1-3/32	0.06
J5214-TT	7/16	41/64	43/64	23/64	21/32	1-3/32	0.06
J5216-TT	1/2	47/64	47/64	23/64	21/64	1-1/8	0.08
J5218-TT	9/16	13/16	13/16	1/2	11/16	1-1/8	0.09
J5220-TT	5/8	7/8	7/8	33/64	11/16	1-1/8	0.10
J5222-TT	11/16	61/64	61/64	17/32	11/16	1-1/8	0.13
J5224-TT	3/4	1-1/32	1-1/32	39/64	3/4	1-3/16	0.15
J5226-TT	13/16	1-3/32	1-3/32	39/64	3/4	1-3/16	0.17
J5228-TT	7/8	1-3/16	1-3/16	41/64	7/8	1-5/16	0.24
J5230-TT	15/16	1-1/4	1-1/4	49/64	7/8	1-5/16	0.25
J5232-TT	1	1-5/16	1-5/16	13/16	59/64	1-3/8	0.27

AS954E S3.8.1 ASME B107.1

<b>12</b>	<b>MM</b> (A)	<b>Nut End Outside Dia. (in)</b> (B)	<b>Drive End Outside Dia. (in)</b> (C)	<b>Nut Depth (in)</b> (D)	<b>Bolt Clearance Depth (in)</b> (E)	<b>Overall Length (in)</b> (L)	<b>Weight (lbs)</b>
J5206M-TT	6	25/64	43/64	1/4	45/64	1-3/32	0.05
J5207M-TT	7	27/64	43/64	1/4	45/64	1-3/32	0.05
J5208M-TT	8	15/32	43/64	1/4	45/64	1-3/32	0.06
J5209M-TT	9	33/64	43/64	9/32	45/64	1-3/32	0.05
J5210M-TT	10	19/32	43/64	5/16	45/64	1-3/32	0.06
J5211M-TT	11	41/64	43/64	21/64	45/64	1-3/32	0.07
J5212M-TT	12	45/64	45/64	9/32	1/2	1-1/8	0.05
J5213M-TT	13	47/64	47/64	9/32	1/2	1-1/8	0.07
J5214M-TT	14	25/32	25/32	15/32	7/16	1-1/8	0.08
J5215M-TT	15	27/32	27/32	17/32	7/16	1-1/8	0.10
J5216M-TT	16	55/64	55/64	17/32	7/16	1-1/8	0.10
J5217M-TT	17	15/16	15/16	17/32	7/16	1-1/8	0.12
J5218M-TT	18	61/64	61/64	17/32	1/2	1-3/16	0.12
J5219M-TT	19	1	1	17/32	1/2	1-3/16	0.14
J5220M-TT	20	1-3/32	1-3/32	5/8	1/2	1-3/16	0.17
J5221M-TT	21	1-3/32	1-3/32	9/16	41/64	1-9/32	0.18
J5222M-TT	22	1-11/64	1-11/64	43/64	5/8	1-5/16	0.22
J5223M-TT	23	1-3/16	1-3/16	47/64	5/8	1-5/16	0.21
J5224M-TT	24	1-1/4	1-1/4	49/64	37/64	1-5/16	0.23
J5225M-TT	25	1-21/64	1-21/64	49/64	5/8	1-3/8	0.29
J5226M-TT	26	1-21/64	1-21/64	49/64	59/64	1-3/8	0.26

AS954E S3.8.1 ASME B107.5M

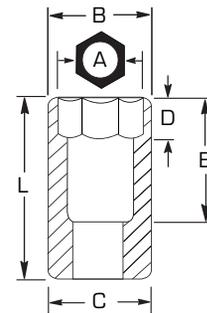




## 3/8" DRIVE DEEP SOCKETS - 12 POINT



- ▶ Proto® 12 Point Sockets are ideal for use on stubborn or damaged fasteners, as well as on fasteners made from soft materials.
- ▶ TorquePlus™ features apply.



3/8" DRIVE TETHER-READY SOCKETS

<b>12</b>	<b>INCH</b> (A)	<b>Nut End</b> <b>Outside Dia. (in)</b> (B)	<b>Drive End</b> <b>Outside Dia. (in)</b> (C)	<b>Nut</b> <b>Depth (in)</b> (D)	<b>Bolt Clearance</b> <b>Depth (in)</b> (E)	<b>Overall</b> <b>Length (in)</b> (L)	<b>Weight</b> <b>(lbs)</b>
J5008-TT	1/4	13/32	21/32	5/16	1-11/16	2-1/8	0.10
J5010-TT	5/16	15/32	21/32	13/32	1-11/16	2-1/8	0.10
J5012-TT	3/8	35/64	21/32	13/32	1-11/16	2-1/8	0.10
J5014-TT	7/16	21/32	21/32	7/16	1-11/16	2-1/8	0.12
J5016-TT	1/2	23/32	23/32	33/64	1-11/16	2-1/8	0.14
J5018-TT	9/16	51/64	51/64	19/32	1-11/16	2-1/8	0.18
J5020-TT	5/8	7/8	7/8	43/64	2-5/16	2-3/4	0.24
J5022-TT	11/16	15/16	15/16	43/64	2-5/16	2-3/4	0.30
J5024-TT	3/4	1-1/64	1-1/64	43/64	2-5/16	2-3/4	0.33
J5026-TT	13/16	1-5/64	1-5/64	43/64	2-5/16	2-3/4	0.36
J5028-TT	7/8	1-15/64	1-15/64	1-3/16	2-5/16	2-3/4	0.43
J5030-TT	15/16	1-15/64	1-15/64	1-3/16	2-5/16	2-3/4	0.46
J5032-TT	1	1-5/16	1-5/16	1-3/16	2-5/16	2-3/4	0.54

AS954E S3.8.1 ASME B107.1

<b>12</b>	<b>MM</b> (A)	<b>Nut End</b> <b>Outside Dia. (in)</b> (B)	<b>Drive End</b> <b>Outside Dia. (in)</b> (C)	<b>Nut</b> <b>Depth (in)</b> (D)	<b>Bolt Clearance</b> <b>Depth (in)</b> (E)	<b>Overall</b> <b>Length (in)</b> (L)	<b>Weight</b> <b>(lbs)</b>
J5006M-TT	6	25/64	21/32	5/16	1-13/16	2-1/8	0.11
J5007M-TT	7	25/64	21/32	25/64	1-47/64	2-1/8	0.09
J5008M-TT	8	15/32	21/32	25/64	1-47/64	2-1/8	0.10
J5009M-TT	9	33/64	21/32	25/64	1-47/64	2-1/8	0.11
J5010M-TT	10	37/64	21/32	25/64	1-47/64	2-1/8	0.12
J5011M-TT	11	21/32	7/16	1-11/16	1-47/64	2-1/8	0.13
J5012M-TT	12	45/64	45/64	33/64	1-39/64	2-1/8	0.13
J5013M-TT	13	23/32	23/32	33/64	1-39/64	2-1/8	0.13
J5014M-TT	14	25/32	25/32	19/32	1-17/32	2-1/8	0.15
J5015M-TT	15	55/64	55/64	21/32	2-7/64	2-3/4	0.15
J5016M-TT	16	55/64	55/64	21/32	2-7/64	2-3/4	0.24
J5017M-TT	17	15/16	15/16	21/32	2-7/64	2-3/4	0.27
J5018M-TT	18	15/16	15/16	21/32	2-7/64	2-3/4	0.28
J5019M-TT	19	1-1/64	1-1/64	11/16	2-1/16	2-3/4	0.30
J5020M-TT	20	1-5/64	1-5/64	11/16	2-1/16	2-3/4	0.33
J5021M-TT	21	1-5/64	1-5/64	11/16	2-1/16	2-3/4	0.34
J5022M-TT	22	1-11/64	1-11/64	11/16	2-1/16	2-3/4	0.45
J5023M-TT	23	1-7/32	1-11/64	1-3/16	1-37/64	2-3/4	0.54

AS954E S3.8.1 ASME B107.1M

Ty-Flot products in blue are covered under a Limited Warranty provided by Ty-Flot, Inc.

**6** 6 POINT
**12** 12 POINT
**SPL** SPLINE
**HEX** HEX
**FULL POLISH**
**SATIN**
**BLACK OXIDE**
**BLACK CHROME**

### 3/8" DRIVE HEX BIT SOCKETS

- ▶ Manufactured with four detent holes so that the pin detent will engage correctly regardless of the direction the socket is placed on the square drive.
- ▶ The positive control system requires a separate tool to attach or remove the socket, meaning it cannot be removed without specific intent.
- ▶ Chrome finish is applied after the holes are bored for better corrosion resistance.
- ▶ Made using a heat treated alloy for wear-resistance which helps minimize distortion for a long life.
- ▶ Hex opening holds the bit allowing the bit holder to take the torque load.



HEX	INCH	Bit Length (in)	Overall Length (in)	Weight (lbs)
J49901/8-TT	1/8	1-5/8	2-23/32	0.12
J49905/32-TT	5/32	1-5/8	2-23/32	0.12
J49903/16-TT	3/16	1-5/8	2-23/32	0.12
J49907/32-TT	7/32	1-5/8	2-23/32	0.12
J49901/4-TT	1/4	1-5/8	2-23/32	0.12
J49905/16-TT	5/16	1-5/8	2-23/32	0.13
J49903/8-TT	3/8	1-5/8	2-23/32	0.15

HEX	MM	Bit Length (in)	Overall Length (in)	Weight (lbs)
J4990-4M-TT	4	1-5/8	2-23/32	0.12
J4990-5M-TT	5	1-5/8	2-23/32	0.12
J4990-6M-TT	6	1-5/8	2-23/32	0.12
J4990-7M-TT	7	1-5/8	2-23/32	0.12
J4990-8M-TT	8	1-5/8	2-23/32	0.13
J4990-9M-TT	9	1-5/8	2-23/32	0.15
J4990-10M-TT	10	1-5/8	2-23/32	0.16

### 1/2" DRIVE 24 PIECE METRIC SOCKET SET - 12 POINT

Product #: J54211-TT

- ▶ 12 Point Standard: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 36 mm.
- ▶ Accessories: (2) 17-inch Socket Bars with 24 Socket Clips.



Contents	Description	MM
J5410M-TT	Socket, 1/2" DR 10 mm 12 PT	
J5411M-TT	Socket, 1/2" DR 11 mm 12 PT	
J5412M-TT	Socket, 1/2" DR 12 mm 12 PT	
J5413M-TT	Socket, 1/2" DR 13 mm 12 PT	
J5414M-TT	Socket, 1/2" DR 14 mm 12 PT	
J5415M-TT	Socket, 1/2" DR 15 mm 12 PT	
J5416M-TT	Socket, 1/2" DR 16 mm 12 PT	
J5417M-TT	Socket, 1/2" DR 17 mm 12 PT	
J5418M-TT	Socket, 1/2" DR 18 mm 12 PT	
J5419M-TT	Socket, 1/2" DR 19 mm 12 PT	
J5420M-TT	Socket, 1/2" DR 20 mm 12 PT	
J5421M-TT	Socket, 1/2" DR 21 mm 12 PT	
J5422M-TT	Socket, 1/2" DR 22 mm 12 PT	
J5423M-TT	Socket, 1/2" DR 23 mm 12 PT	
J5424M-TT	Socket, 1/2" DR 24 mm 12 PT	
J5425M-TT	Socket, 1/2" DR 25 mm 12 PT	
J5426M-TT	Socket, 1/2" DR 26 mm 12 PT	
J5427M-TT	Socket, 1/2" DR 27 mm 12 PT	
J5428M-TT	Socket, 1/2" DR 28 mm 12 PT	
J5429M-TT	Socket, 1/2" DR 29 mm 12 PT	
J5430M-TT	Socket, 1/2" DR 30 mm 12 PT	
J5431M-TT	Socket, 1/2" DR 31 mm 12 PT	
J5432M-TT	Socket, 1/2" DR 32 mm 12 PT	
J5436M-TT	Socket, 1/2" DR 36 mm 12 PT	
J2586	Socket, Bar 13"	
J2587	Socket, Bar 17"	
J2592	Socket, Clip 1/2" DR	

Weight (lbs): 7.69

AS954E S3.8.1 ASME B107.5M





## 1/2" DRIVE 23 PIECE METRIC DEEP SOCKET SET - 12 POINT



**Product #: J54201-TT**

- ▶ 12 Point Deep: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32 mm.
- ▶ Accessories: (2) 17-inch Socket Bars with 23 Socket Clips.
- ▶ TorquePlus™ features apply.

Contents	Description	MM
J5310M-TT	Socket, 1/2" DR 10 mm 12 PT	
J5311M-TT	Socket, 1/2" DR 11 mm 12 PT	
J5312M-TT	Socket, 1/2" DR 12 mm 12 PT	
J5313M-TT	Socket, 1/2" DR 13 mm 12 PT	
J5314M-TT	Socket, 1/2" DR 14 mm 12 PT	
J5315M-TT	Socket, 1/2" DR 15 mm 12 PT	
J5316M-TT	Socket, 1/2" DR 16 mm 12 PT	
J5317M-TT	Socket, 1/2" DR 17 mm 12 PT	
J5318M-TT	Socket, 1/2" DR 18 mm 12 PT	
J5319M-TT	Socket, 1/2" DR 19 mm 12 PT	
J5320M-TT	Socket, 1/2" DR 20 mm 12 PT	
J5321M-TT	Socket, 1/2" DR 21 mm 12 PT	
J5322M-TT	Socket, 1/2" DR 22 mm 12 PT	
J5323M-TT	Socket, 1/2" DR 23 mm 12 PT	
J5324M-TT	Socket, 1/2" DR 24 mm 12 PT	
J5325M-TT	Socket, 1/2" DR 25 mm 12 PT	
J5326M-TT	Socket, 1/2" DR 26 mm 12 PT	
J5327M-TT	Socket, 1/2" DR 27 mm 12 PT	
J5328M-TT	Socket, 1/2" DR 28 mm 12 PT	
J5329M-TT	Socket, 1/2" DR 29 mm 12 PT	
J5330M-TT	Socket, 1/2" DR 30 mm 12 PT	
J5331M-TT	Socket, 1/2" DR 31 mm 12 PT	
J5332M-TT	Socket, 1/2" DR 32 mm 12 PT	

Weight (lbs): 8.95



ASME B107.110-2012



1/2" DRIVE TETHER-READY SOCKET SETS

Ty-Flot products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.



## 1/2" DRIVE 19 PIECE SOCKET SET - 12 POINT

Product #: J54113-TT

- ▶ 12 Point Standard: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2 Inch.
- ▶ Accessories: 17-inch Socket Bar with 19 Socket Clips.



## 1/2" DRIVE 19 PIECE DEEP SOCKET SET - 12 POINT

Product #: J54105-TT

- ▶ 12 Point Deep: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2 Inch.
- ▶ Accessories: 17-inch Socket Bar with 19 Socket Clips.



Contents	Description	INCH
J5412-TT	Socket, 1/2" DR 3/8" 12 PT	
J5414-TT	Socket, 1/2" DR 7/16" 12 PT	
J5416-TT	Socket, 1/2" DR 1/2" 12 PT	
J5418-TT	Socket, 1/2" DR 9/16" 12 PT	
J5420-TT	Socket, 1/2" DR 5/8" 12 PT	
J5422-TT	Socket, 1/2" DR 11/16" 12 PT	
J5424-TT	Socket, 1/2" DR 3/4" 12 PT	
J5426-TT	Socket, 1/2" DR 13/16" 12 PT	
J5428-TT	Socket, 1/2" DR 7/8" 12 PT	
J5430-TT	Socket, 1/2" DR 15/16" 12 PT	
J5432-TT	Socket, 1/2" DR 1" 12 PT	
J5434-TT	Socket, 1/2" DR 1-1/16" 12 PT	
J5436-TT	Socket, 1/2" DR 1-1/8" 12 PT	
J5438-TT	Socket, 1/2" DR 1-3/16" 12 PT	
J5440-TT	Socket, 1/2" DR 1-1/4" 12 PT	
J5442-TT	Socket, 1/2" DR 1-5/16" 12 PT	
J5444-TT	Socket, 1/2" DR 1-3/8" 12 PT	
J5446-TT	Socket, 1/2" DR 1-7/16" 12 PT	
J5448-TT	Socket, 1/2" DR 1-1/2" 12 PT	
J2587	Socket, Bar 17"	
J2592	Socket, Clip 1/2" DR	

Weight (lbs): 7.25  AS954E S3.8.1 ASME B107.1

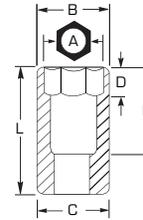
Contents	Description	INCH
J5312-TT	Socket, 1/2" DR 3/8" 12 PT Deep	
J5314-TT	Socket, 1/2" DR 7/16" 12 PT Deep	
J5316-TT	Socket, 1/2" DR 1/2" 12 PT Deep	
J5318-TT	Socket, 1/2" DR 9/16" 12 PT Deep	
J5320-TT	Socket, 1/2" DR 5/8" 12 PT Deep	
J5322-TT	Socket, 1/2" DR 11/16" 12 PT Deep	
J5324-TT	Socket, 1/2" DR 3/4" 12 PT Deep	
J5326-TT	Socket, 1/2" DR 13/16" 12 PT Deep	
J5328-TT	Socket, 1/2" DR 7/8" 12 PT Deep	
J5330-TT	Socket, 1/2" DR 15/16" 12 PT Deep	
J5332-TT	Socket, 1/2" DR 1" 12 PT Deep	
J5334-TT	Socket, 1/2" DR 1-1/16" 12 PT Deep	
J5336-TT	Socket, 1/2" DR 1-1/8" 12 PT Deep	
J5338-TT	Socket, 1/2" DR 1-3/16" 12 PT Deep	
J5340-TT	Socket, 1/2" DR 1-1/4" 12 PT Deep	
J5342-TT	Socket, 1/2" DR 1-5/16" 12 PT Deep	
J5344-TT	Socket, 1/2" DR 1-3/8" 12 PT Deep	
J5346-TT	Socket, 1/2" DR 1-7/16" 12 PT Deep	
J5348-TT	Socket, 1/2" DR 1-1/2" 12 PT Deep	
J2587	Socket, Bar 17"	
J2592	Socket, Clip 1/2" DR	

Weight (lbs): 14.00  AS954E S3.8.1 ASME B107.1



## 1/2" DRIVE SOCKETS - 12 POINT

► Proto® 12 Point Sockets are ideal for use on stubborn or damaged fasteners, as well as on fasteners made from soft materials.



1/2" DRIVE TETHER-READY SOCKETS

12	INCH	Nut End	Drive End	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
	(A)	Outside Dia. (in) (B)	Outside Dia. (in) (C)				
J5412-TT	3/8	9/16	55/64	23/64	7/8	1-31/64	0.11
J5414-TT	7/16	43/64	55/64	23/64	7/8	1-31/64	0.11
J5416-TT	1/2	47/64	55/64	23/64	7/8	1-31/64	0.11
J5418-TT	9/16	13/16	55/64	23/64	51/64	1-1/2	0.13
J5420-TT	5/8	7/8	7/8	9/16	21/32	1-1/2	0.14
J5422-TT	11/16	61/64	61/64	9/16	21/32	1-1/2	0.15
J5424-TT	3/4	1-1/32	1-1/64	11/16	21/32	1-1/2	0.15
J5426-TT	13/16	1-3/32	1-5/64	11/16	21/32	1-1/2	0.23
J5428-TT	7/8	1-11/64	1-3/16	11/16	45/64	1-9/16	0.26
J5430-TT	15/16	1-1/4	1-1/4	13/16	45/64	1-9/16	0.33
J5432-TT	1	1-21/64	1-5/16	27/32	45/64	1-9/16	0.38
J5434-TT	1-1/16	1-13/32	1-25/64	13/16	25/32	1-5/8	0.42
J5436-TT	1-1/8	1-31/64	1-31/64	15/16	29/32	1-3/4	0.47
J5438-TT	1-3/16	1-9/16	1-17/32	59/64	29/32	1-3/4	0.59
J5440-TT	1-1/4	1-39/64	1-37/64	1	7/8	1-3/4	0.66
J5442-TT	1-5/16	1-21/32	1-41/64	27/32	1-19/64	1-55/64	0.69
J5444-TT	1-3/8	1-25/32	1-5/8	25/32	1-19/64	2	0.79
J5446-TT	1-7/16	1-59/64	1-5/8	27/32	1-19/64	2-1/8	0.98
J5448-TT	1-1/2	1-63/64	1-5/8	27/32	1-19/64	2-1/4	1.12

AS954E S3.8.1 ASME B107.1

12	MM	Nut End	Drive End	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	Overall Length (in) (L)	Weight (lbs)
	(A)	Outside Dia. (in) (B)	Outside Dia. (in) (C)				
J5410M-TT	10	39/64	55/64	23/64	55/64	1-31/64	0.11
J5411M-TT	11	45/64	55/64	23/64	55/64	1-31/64	0.11
J5412M-TT	12	47/64	55/64	23/64	55/64	1-31/64	0.11
J5413M-TT	13	3/4	55/64	23/64	55/64	1-31/64	0.12
J5414M-TT	14	13/16	55/64	23/64	7/8	1-1/2	0.13
J5415M-TT	15	55/64	55/64	37/64	7/8	1-1/2	0.13
J5416M-TT	16	7/8	7/8	37/64	7/8	1-1/2	0.13
J5417M-TT	17	61/64	61/64	37/64	7/8	1-1/2	0.14
J5418M-TT	18	61/64	61/64	37/64	7/8	1-1/2	0.17
J5419M-TT	19	1-1/32	1-1/32	11/16	27/32	1-1/2	0.19
J5420M-TT	20	1-3/32	1-3/32	11/16	27/32	1-1/2	0.22
J5421M-TT	21	1-3/32	1-3/32	11/16	27/32	1-1/2	0.24
J5422M-TT	22	1-11/64	1-11/64	11/16	27/32	1-17/32	0.26
J5423M-TT	23	1-13/64	1-13/64	25/32	59/64	1-17/32	0.27
J5424M-TT	24	1-1/4	1-1/4	53/64	59/64	1-17/32	0.28
J5425M-TT	25	1-9/32	1-9/32	53/64	59/64	1-17/32	0.30
J5426M-TT	26	1-21/64	1-21/64	55/64	63/64	1-39/64	0.33
J5427M-TT	27	1-13/32	1-13/32	15/16	1-3/64	1-43/64	0.39
J5428M-TT	28	1-31/64	1-31/64	63/64	1-5/32	1-25/32	0.48
J5429M-TT	29	1-31/64	1-31/64	63/64	1-5/32	1-25/32	0.62
J5430M-TT	30	1-9/16	1-17/32	63/64	1-5/32	1-25/32	0.63
J5431M-TT	31	1-39/64	1-39/64	1-1/16	1-5/32	1-25/32	0.63
J5432M-TT	32	1-39/64	1-39/64	1-1/8	1-7/32	1-27/32	0.63
J5436M-TT	36	1-31/32	1-31/32	1-3/8	1-39/64	2-15/64	1.04

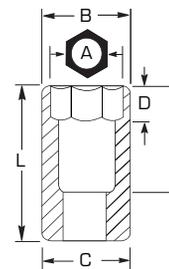
AS954E S3.8.1 ASME B107.1M

Ty-Flot products in blue are covered under a Limited Warranty provided by Ty-Flot, Inc.

6 6 POINT
12 12 POINT
SPL SPLINE
HEX HEX
FULL POLISH
SATIN
BLACK OXIDE
BLACK CHROME

## 1/2" DRIVE DEEP SOCKETS - 12 POINT

- Proto® 12 Point Sockets are ideal for use on stubborn or damaged fasteners, as well as on fasteners made from soft materials.



<b>12</b>	<b>INCH</b> (A)	<b>Nut End</b> <b>Outside Dia. (in) (B)</b>	<b>Drive End</b> <b>Outside Dia. (in) (C)</b>	<b>Nut</b> <b>Depth (in) (D)</b>	<b>Bolt Clearance</b> <b>Depth (in) (E)</b>	<b>Overall</b> <b>Length (in) (L)</b>	<b>Weight</b> <b>(lbs)</b>
J5312-TT	3/8	9/16	7/8	1/4	2-39/64	3-1/4	0.28
J5314-TT	7/16	9/16	7/8	23/64	2-39/64	3-1/4	0.28
J5316-TT	1/2	47/64	55/64	25/32	2-39/64	3-1/4	0.29
J5318-TT	9/16	13/16	27/32	15/16	2-39/64	3-1/4	0.29
J5320-TT	5/8	7/8	7/8	1-7/32	2-39/64	3-1/4	0.30
J5322-TT	11/16	31/32	31/32	1-7/32	2-39/64	3-1/4	0.42
J5324-TT	3/4	1-3/64	1-3/64	1-7/32	2-39/64	3-1/4	0.42
J5326-TT	13/16	1-3/32	1-3/32	1-7/32	2-39/64	3-1/4	0.52
J5328-TT	7/8	1-11/64	1-11/64	1-7/32	2-39/64	3-1/4	0.58
J5330-TT	15/16	1-1/4	1-1/4	1-7/32	2-39/64	3-1/4	0.67
J5332-TT	1	1-21/64	1-21/64	1-7/32	2-29/64	3-1/4	0.67
J5334-TT	1-1/16	1-13/32	1-13/32	1-9/32	2-29/64	3-1/4	0.75
J5336-TT	1-1/8	1-1/2	1-1/2	1-5/32	2-29/64	3-1/4	0.83
J5340-TT	1-1/4	1-9/16	1-9/16	1-13/32	2-29/64	3-1/4	1.06
J5338-TT	1-3/16	1-35/64	1-35/64	1-7/64	2-1/4	3-1/4	0.83
J5342-TT	1-5/16	1-7/8	1-5/8	27/32	2-1/4	3-1/2	1.06
J5344-TT	1-3/8	1-7/8	1-5/8	61/64	2-1/4	3-1/2	1.23
J5346-TT	1-7/16	2-1/16	1-5/8	61/64	2-1/4	3-1/2	1.27
J5348-TT	1-1/2	2-1/16	1-5/8	1	2-1/4	3-1/2	1.58

AS954E S3.8.1 ASME B107.1

<b>12</b>	<b>MM</b> (A)	<b>Nut End</b> <b>Outside Dia. (in) (B)</b>	<b>Drive End</b> <b>Outside Dia. (in) (C)</b>	<b>Nut</b> <b>Depth (in) (D)</b>	<b>Bolt Clearance</b> <b>Depth (in) (E)</b>	<b>Overall</b> <b>Length (in) (L)</b>	<b>Weight</b> <b>(lbs)</b>
J5310M-TT	10	39/64	55/64	19/32	2-3/32	3-1/4	0.25
J5311M-TT	11	45/64	55/64	5/8	2-3/32	3-1/4	0.25
J5312M-TT	12	47/64	55/64	43/64	2-3/32	3-1/4	0.26
J5313M-TT	13	3/4	55/64	43/64	2-3/32	3-1/4	0.26
J5314M-TT	14	27/32	27/32	15/16	2-3/32	3-1/4	0.30
J5315M-TT	15	55/64	55/64	1-1/16	2-3/32	3-1/4	0.32
J5316M-TT	16	55/64	55/64	1-3/16	2-3/32	3-1/4	0.32
J5317M-TT	17	61/64	61/64	1-3/16	2-3/32	3-1/4	0.33
J5318M-TT	18	63/64	63/64	1-3/16	2-3/32	3-1/4	0.33
J5319M-TT	19	1-3/64	1-3/64	1-3/16	2-3/32	3-1/4	0.37
J5320M-TT	20	1-3/32	1-3/32	1-3/16	2-3/32	3-1/4	0.46
J5321M-TT	21	1-3/32	1-3/32	1-3/16	2-3/32	3-1/4	0.51
J5322M-TT	22	1-11/64	1-11/64	1-3/16	2-3/32	3-1/4	0.51
J5323M-TT	23	1-13/64	1-13/64	1-3/16	2-3/32	3-1/4	0.51
J5324M-TT	24	1-1/4	1-1/4	1-3/16	2-3/32	3-1/4	0.51
J5325M-TT	25	1-5/16	1-5/16	1-3/16	2-3/32	3-1/4	0.62
J5326M-TT	26	1-21/64	1-21/64	1-3/16	2-3/32	3-1/4	0.63
J5327M-TT	27	1-1/64	1-1/64	1-7/64	2-3/32	3-1/4	0.65
J5328M-TT	28	1-3/32	1-31/64	1-7/64	2-3/32	3-1/4	0.68
J5329M-TT	29	1-31/64	1-31/64	1-7/64	2-3/32	3-1/4	0.68
J5330M-TT	30	1-9/16	1-9/16	1-7/64	2-5/8	3-1/4	0.70
J5331M-TT	31	1-39/64	1-39/64	1-7/64	2-5/8	3-1/4	0.73
J5332M-TT	32	1-39/64	1-39/64	1-7/64	2-5/8	3-1/4	0.73

ASME B107.110-2012





## 1/2" DRIVE HEX BIT SOCKETS

- › Manufactured with four detent holes so that the pin detent will engage correctly regardless of the direction the socket is placed on the square drive.
- › The positive control system requires a separate tool to attach or remove the socket, meaning it cannot be removed without specific intent.
- › Chrome finish is applied after the holes are bored for better corrosion resistance.
- › Made using a heat treated alloy for wear-resistance which helps minimize distortion for a long life.
- › Hex opening holds the bit allowing the bit holder to take the torque load.



HEX	INCH	Bit Length (in)	Overall Length (in)	Weight (lbs)
J54411/4-TT	1/4	1-3/4	3-1/4	0.19
J54415/16-TT	5/16	1-3/4	3-1/4	0.22
J54413/8-TT	3/8	1-3/4	3-1/4	0.25
J54417/16-TT	7/16	1-3/4	3-1/4	0.28
J54411/2-TT	1/2	1-7/8	3-5/8	0.46
J54419/16-TT	9/16	1-7/8	3-5/8	0.50
J54415/8-TT	5/8	2	4	0.85

HEX	MM	Bit Length (in)	Overall Length (in)	Weight (lbs)
J5441-6M-TT	6	1-3/4	3-1/4	0.20
J5441-8M-TT	8	1-3/4	3-1/4	0.22
J5441-10M-TT	10	1-3/4	3-1/4	0.26
J5441-12M-TT	12	1-3/4	3-1/4	0.29
J5441-13M-TT	13	1-7/8	3-41/64	0.46
J5441-14M-TT	14	1-7/8	3-41/64	0.50
J5441-15M-TT	15	1-7/8	3-41/64	0.50
J5441-17M-TT	17	2	4	0.87
J5441-18M-TT	18	2	4	0.90
J5441-19M-TT	19	2	4	0.94

## EXTENSIONS

- › Made from alloy steel.
- › Heat treated for strength and durability.

Product #	Drive Size (in)	Overall Length (in)	Weight (lbs)
J5260-TT	3/8	3	0.16
J5262-TT	3/8	12	0.61
J5460-TT	1/2	2-1/2	0.24
J5461-TT	1/2	5	0.44
J5463-TT	1/2	10	0.89

ASME B107.10M



## ADAPTERS



Product #	Input Drive (in)	Output Drive (in)	Overall Length (in)	Weight (lbs)
J5253-TT	3/8	1/2	1-7/16	0.11
J5254-TT	1/2	3/8	1-3/8	0.13

ASME B107.10M

## UNIVERSAL JOINTS



Product #	Input Drive (in)	Output Drive (in)	Overall Length (in)	Weight (lbs)
J5270A-TT	3/8	1/2	1-7/16	0.11
J5470A-TT	1/2	3/8	1-3/8	0.13

ASME B107.10M

Ty-Flot products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.



## 1/2" DRIVE SCAFFOLDING RATCHET

- › The scaffold ratchet is designed for working with scaffolding and other construction applications.
- › Socket retained with through hole and pin for safety.
- › Hammer tip reduces vibration and protects fasteners against distortion.
- › Hole in ratchet handle to be used with tether strap.



Product #	Drive Size (in)	Finish	Style	Overall Length (in)	Weight (lbs)
<b>J5449SC</b>	1/2	Full Polish	Scaffolding	10	2.01



## 3/8" & 1/2" DRIVE PREMIUM PEAR HEAD RATCHETS

- › Small pear head design for access in tight, hard to reach work areas.
- › 45-Tooth gear provides balance between 8° articulation angle and high torque carrying capacity.
- › Sealed design helps prevent debris from entering the ratchet mechanism reducing wear. Also, helps to keep lubrication contained within the components. Patent pending design.
- › Low profile reversing lever design for quick, one-hand operation.
- › Contoured, ergonomically-designed handle for comfort. Knurled bands allow for increased grip and slip resistance.
- › Double nickel chrome plated for enhanced corrosion protection or black oxide finish.
- › Field repairable.
- › Locking pin detent to retain socket during use.



Lanyard ready through-hole built directly into the handle.

Product #	Drive Size (in)	Finish	Overall Length (in)	Weight (lbs)	Repair Kit
<b>J5249XL-TT</b>	3/8	Full Polish	8-1/2	0.86	J5249XLRK-TT
<b>J5250XL-TT</b>	3/8	Full Polish	11	1.03	J5249XLRK-TT
<b>J5449XL-TT</b>	1/2	Full Polish	10-1/2	1.72	J5449XLRK-TT
<b>J5450XL-TT</b>	1/2	Full Polish	15	2.18	J5449XLRK-TT

ASME B107.500



## RATCHETING HEAD MICROMETER TORQUE WRENCHES

### MEETS ASME STANDARD

- › Calibrated to +/- 4% clockwise direction and +/- 6% counter clockwise direction at 20% to 100% of full scale.
- › Calibration is accomplished by manually loading the torque wrenches.
- › Manufactured to meet standard industrial torque applications, general industry, heavy equipment, and maintenance.
- › Locking pin Detent to retain Socket during use.

TETHER-READY TORQUE WRENCHES



### FT-LBS

Product #	Drive Size (in)	Torque Range (ft-lbs)	Increments (ft-lbs)	Head Width (in)	Head Depth (in)	Overall Length (in)	Weight (lbs)	Storage Case	Repair Kit
<b>J6012C-TT</b>	3/8	20-100	0.5	1-7/16	1-1/64	17	3.30	J6006PBF	J6006RK-TT
<b>J6014C-TT</b>	1/2	50-250	1	1-7/8	1-13/32	27-1/8	5.90	J6014PBF	J6014RK-TT

**NOTE:** For use with Elastic Bungee or Web Lanyard only.

 ASME B107.14M

### NM

Product #	Drive Size (in)	Torque Range (Nm)	Increments (Nm)	Head Width (in)	Head Depth (in)	Overall Length (in)	Weight (lbs)	Storage Case	Repair Kit
<b>J6006NMC-TT</b>	3/8	16-80	0.5	1-7/16	1-1/64	15-1/2	3.00	J6006PBF	J6006RK-TT
<b>J6016NMC-TT</b>	1/2	40-200	1	1-7/8	1-13/32	21-1/2	5.00	J6014PBF	J6014RK-TT

**NOTE:** For use with Elastic Bungee or Web Lanyard only.

 ASME B107.14M

Ty-Flot products in blue are covered under a Limited Warranty provided by Ty-Flot, Inc.

# WRENCHES

Proto® Tethered Wrenches are specifically assembled with the correct Heat Shrink Loop, as appropriate, selected from seven different sizes, and fitted for the weight and diameter of the tool. Some wrenches (adjustable and pipe) don't require the heat shrink. The durable, light loop does not interfere with the function of the tool.





## 15 PIECE COMBINATION ASD WRENCH SET - 12 POINT



**Product #: J1200FASD-TT**

- › Satin finish provides corrosion resistance and a slip-resistant grip.
- › 12 Point box end allows for fine indexing, helping to improve speed and access. Fits 4, 6, and 12 Point fasteners.
- › Anti-Slip Design (ASD) open end. Fractional sizes 11/32" and smaller do not have the ASD feature.
- › Box ends incorporate the TorquePlus™ system.



<b>12</b>	<b>INCH</b>	<b>Point Count</b>	<b>Overall Length (in)</b>
J1210A-TT	5/16	12	5-3/8
J1212ASD-TT	3/8	12	6
J1214ASD-TT	7/16	12	7
J1216ASD-TT	1/2	12	8
J1218ASD-TT	9/16	12	8-7/8
J1220ASD-TT	5/8	12	9-1/2
J1222ASD-TT	11/16	12	10-1/4
J1224ASD-TT	3/4	12	11
J1226ASD-TT	13/16	12	11-7/8
J1228ASD-TT	7/8	12	12-1/2
J1230ASD-TT	15/16	12	13-1/4
J1232ASD-TT	1	12	14
J1234ASD-TT	1-1/16	12	15-1/4
J1236ASD-TT	1-1/8	12	15-7/8
J1240ASD-TT	1-1/4	12	16-7/8
J25TR34C	Tool Roll		

Weight (lbs): 9.75



ASME B107.100

## 15 PIECE METRIC COMBINATION ASD WRENCH SET - 12 POINT



**Product #: J1200P-MASD-TT**

- › Satin finish provides corrosion resistance and a slip-resistant grip.
- › 12 Point box end allows for fine indexing, helping to improve speed and access. Fits 4, 6, and 12 Point fasteners.
- › Anti-Slip Design (ASD) open end. Metric sizes 9 mm and smaller do not have ASD feature.
- › Box ends incorporate the TorquePlus™ system.



<b>12</b>	<b>MM</b>	<b>Point Count</b>	<b>Overall Length (in)</b>
J1207MA-TT	7	12	5-5/32
J1208MA-TT	8	12	5-13/32
J1210MASD-TT	10	12	5-29/32
J1212MASD-TT	12	12	7-45/64
J1214MASD-TT	14	12	8-13/16
J1216MASD-TT	16	12	9-35/64
J1218MASD-TT	18	12	10-11/16
J1220MASD-TT	20	12	11-27/64
J1222MASD-TT	22	12	12-17/32
J1224MASD-TT	24	12	13-5/16
J1226MASD-TT	26	12	14-41/64
J1228MASD-TT	28	12	15-35/64
J1229MASD-TT	29	12	15-55/64
J1230MASD-TT	30	12	15-55/64
J1232MASD-TT	32	12	16-59/64
J25TR41C	Tool Roll		

Weight (lbs): 4.25



ASME B107.100

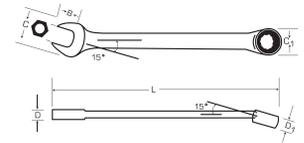
Ty-Flot products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.

**6** 6 POINT
**12** 12 POINT
**SPL** SPLINE
**HEX** HEX
**FULL POLISH**
**SATIN**
**BLACK OXIDE**
**BLACK CHROME**

## SATIN COMBINATION WRENCHES - 12 POINT



- ▶ Satin finish provides corrosion resistance and a slip-resistant grip.
- ▶ 12 Point box end allows for fine indexing, helping to improve speed and access. Fits 4, 6, and 12 Point fasteners.
- ▶ Anti-Slip Design (ASD) open end.
- ▶ Fractional sizes 11/32" and smaller and sizes 1-5/16" and larger do not have the ASD feature.
- ▶ Box ends incorporate the TorquePlus™ system.



⑫	INCH	Throat Depth (in) (B)	Outside Head Width (in) (C)	Head Thickness (in) (D)	Outside Head Width (in) (C1)	Head Thickness (in) (D1)	Overall Length (in)	Weight (lbs)
J1210A-TT	5/16	3/8	45/64	3/16	33/64	17/64	5-3/8	0.08
J1212ASD-TT	3/8	13/32	13/16	3/16	39/64	5/16	6	0.11
J1214ASD-TT	7/16	17/32	15/16	15/64	43/64	21/64	7	0.14
J1216ASD-TT	1/2	39/64	1-5/16	1/4	49/64	11/32	8	0.18
J1218ASD-TT	9/16	11/16	1-3/16	9/32	3/4	23/64	8-7/8	0.21
J1220ASD-TT	5/8	3/4	1-21/64	19/64	15/16	13/32	9-1/2	0.29
J1222ASD-TT	11/16	13/16	1-29/64	5/16	1-1/64	7/16	10-1/4	0.35
J1224ASD-TT	3/4	57/64	1-37/64	11/32	1-3/32	15/32	11	0.41
J1226ASD-TT	13/16	31/32	1-11/16	23/64	1-11/64	1/2	11-7/8	0.54
J1228ASD-TT	7/8	1-1/16	1-13/16	3/8	1-1/4	33/64	12-1/2	0.65
J1230ASD-TT	15/16	1-1/8	1-29/32	13/32	1-27/64	37/64	13-1/4	0.74
J1232ASD-TT	1	1-13/64	2-1/64	13/32	1-13/32	37/64	14	0.95
J1234ASD-TT	1-1/16	1-9/32	2-9/64	29/64	1-31/64	39/64	15-1/4	1.13
J1236ASD-TT	1-1/8	1-23/64	2-17/64	15/32	1-21/32	41/64	15-7/8	1.38
J1240ASD-TT	1-1/4	1/2	2-33/64	33/64	1-3/4	45/64	16-7/8	1.89

AS 954 ASME B107.100

## SATIN METRIC COMBINATION WRENCHES - 12 POINT



- ▶ Satin finish provides corrosion resistance and a slip-resistant grip.
- ▶ 12 Point box end allows for fine indexing, helping to improve speed and access. Fits 4, 6, and 12 Point fasteners.
- ▶ Anti-Slip Design (ASD) open end.
- ▶ Metric sizes 9 mm and smaller and sizes 36 mm and larger do not have the ASD feature.
- ▶ Box ends incorporate the TorquePlus™ system.



⑫	MM	Throat Depth (in) (B)	Outside Head Width (in) (C)	Head Thickness (in) (D)	Outside Head Width (in) (C1)	Head Thickness (in) (D1)	Overall Length (in)	Weight (lbs)
J1207MA-TT	7	5/16	19/32	11/64	13/32	15/64	5-5/32	0.06
J1208MA-TT	8	25/64	11/16	3/16	1/2	17/64	5-13/32	0.07
J1210MASD-TT	10	31/64	7/8	7/32	21/32	5/16	5-29/32	0.11
J1212MASD-TT	12	9/16	1	1/4	47/64	11/32	7-45/64	0.18
J1214MASD-TT	14	11/16	1-3/16	9/32	55/64	23/64	8-13/16	0.29
J1216MASD-TT	16	3/4	1-21/64	5/16	15/16	13/32	9-35/64	0.26
J1218MASD-TT	18	55/64	1-33/64	11/32	1-1/16	29/64	10-11/16	0.41
J1220MASD-TT	20	63/64	1-11/16	23/64	1-3/16	31/64	11-27/64	0.55
J1222MASD-TT	22	1-3/64	1-25/32	3/8	1-17/64	1/2	12-17/32	0.62
J1224MASD-TT	24	1-1/8	1-57/64	13/32	1-11/32	35/64	13-5/16	0.77
J1226MASD-TT	26	1-13/64	2-1/64	27/64	1-27/64	19/32	14-41/64	0.97
J1228MASD-TT	28	1-23/64	2-17/64	15/32	1-21/32	41/64	15-35/64	1.37
J1229MASD-TT	29	1-23/64	2-17/64	15/32	1-21/32	41/64	15-55/64	1.39
J1230MASD-TT	30	1-23/64	2-17/64	15/32	1-21/32	41/64	15-55/64	1.41
J1232MASD-TT	32	1-1/2	2-33/64	33/64	1-49/64	45/64	16-59/64	1.82

ASME B107.100





## 7 PIECE DOUBLE BOX WRENCH SET - 12 POINT

Product #: **J1100R-TT**

- › Full polish finish provides corrosion resistance and easy to clean surfaces.
- › 12 Point box end allows for fine indexing, helping to improve speed and access. Fits 4, 6, and 12 Point fasteners.
- › Box ends incorporate the TorquePlus™ system.



**12**

**INCH**

J1170-TT	5/16 x 3/8
J1171-TT	7/16 x 1/2
J1172-TT	9/16 x 5/8
J1173-TT	11/16 x 3/4
J1174-TT	13/16 x 7/8
J1175-TT	15/16 x 1
J1176-TT	1-1/16 x 1-1/8

Individual components available for purchase.



## 11 PIECE DOUBLE BOX METRIC WRENCH SET - 12 POINT

Product #: **J1100S-M-TT**

- › Full polish finish provides corrosion resistance and easy to clean surfaces.
- › 12 Point box end allows for fine indexing, helping to improve speed and access. Fits 4, 6, and 12 Point fasteners.
- › Offset box end allows access to recessed fasteners and keeps hands clear of obstructions.
- › Box ends incorporate the TorquePlus™ system.



**12**

**MM**

J1050M-TT	6 x 7
J1051M-TT	8 x 9
J1053M-TT	10 x 11
J1057M-TT	12 x 13
J1061M-TT	14 x 15
J1064M-TT	16 x 18
J1065M-TT	17 x 19
J1072M-TT	21 x 24
J1073M-TT	22 x 24
J1077M-TT	27 x 30
J1079M-TT	30 x 32

Individual components available for purchase.



## 3 PIECE FLARE NUT WRENCH SET - 6 POINT

Product #: **J3760-TT**

- › Satin finish provides corrosion resistance and a slip-resistant grip.
- › Flare nut box ends incorporate the TorquePlus™ system.



**6**

**INCH**

J3764-TT	3/8 x 7/16
J3768-TT	1/2 x 9/16
J3772-TT	5/8 x 11/16

Individual components available for purchase.



## 5 PIECE FLARE NUT METRIC WRENCH SET - 6 POINT

Product #: **J3700M-TT**

- › Satin finish provides corrosion resistance and a slip-resistant grip.
- › Flare nut box ends incorporate the TorquePlus™ system.



**6**

**MM**

J3707M-TT	7 x 8
J3709M-TT	9 x 11
J3710M-TT	10 x 12
J3713M-TT	13 x 14
J3715M-TT	15 x 17

Individual components available for purchase.



Ty-Flot products in blue are covered under a Limited Warranty provided by Ty-Flot, Inc.



6 POINT



12 POINT



SPLINE



HEX



FULL POLISH



SATIN



BLACK OXIDE



BLACK CHROME



WARNING: WORK SAFELY WITH TOOLS. WEAR SAFETY GOGGLES.

+1.800.800.TOOL · Fax: +1.770.648.9108 · [www.protoindustrial.com](http://www.protoindustrial.com)

## BLACK CHROME REVERSIBLE COMBINATION RATCHETING WRENCH SETS - SPLINE

- › Black chrome finish is corrosion-resistant and visually distinctive.
- › Spline wrenches can be used on fractional 4, 6, or 12 Point, spline fasteners and Torx® fasteners.
- › Anti-Slip Design (ASD) open end.

### 9 PIECE BLACK CHROME REVERSIBLE COMBINATION RATCHETING WRENCH SET - SPLINE

Product #: **JSCV-9S-TT**

- › The chrome-vanadium switch lever allows for easy changes in turning direction which helps improve speed.
- › 15° Angled offset box end helps keep shank clear of obstructions.



### 13 PIECE BLACK CHROME REVERSIBLE COMBINATION RATCHETING WRENCH SET - SPLINE

Product #: **JSCVM-13S-TT**

- › The chrome-vanadium switch lever allows for easy changes in turning direction which helps improve speed.
- › 15° Angled offset box end helps keep shank clear of obstructions.
- › Chrome-vanadium box ends and switch levers provide high strength and durability.
- › Box end is countersunk for easy application to the fastener.
- › Spline design was created for use with specialty spline bolts which are used when weight and size of bolt heads must be minimized.
- › Spline design enables the wrench to contact conventional fasteners away from the corners, which help apply force over a large area helping to reduce risk of fastener rounding.
- › Spline design also helps prevent rounding of corners and other fastener damage that could lead to Foreign Object Damage (FOD).
- › The high contact surface area which is away from fastener points enables turning of highly rounded fasteners.



**INCH**

JSCV09-TT	9/32
JSCV10-TT	5/16
JSCV12-TT	3/8
JSCV14-TT	7/16
JSCV16-TT	1/2
JSCV18-TT	9/16
JSCV20-TT	5/8
JSCV22-TT	11/16
JSCV24-TT	3/4

Individual components available for purchase.



**MM**

JSCVM07-TT	7
JSCVM08-TT	8
JSCVM09-TT	9
JSCVM10-TT	10
JSCVM11-TT	11
JSCVM12-TT	12
JSCVM13-TT	13
JSCVM14-TT	14
JSCVM15-TT	15
JSCVM16-TT	16
JSCVM17-TT	17
JSCVM18-TT	18
JSCVM19-TT	19

Individual components available for purchase.



## 9 PIECE BLACK CHROME NON-REVERSIBLE COMBINATION RATCHETING WRENCH SET - SPLINE

**Product #: JSCR-9S-TT**

- › Non-reversing ratcheting wrenches can be flipped over to turn the fastener in the opposite direction.
- › Ratcheting spline box end is countersunk for easy application to the fastener.
- › Spline design was created for use with specialty spline bolts which are used when weight and size of bolt heads must be minimized.
- › Spline design enables the wrench to contact conventional fasteners away from the corners, which help apply force over a large area helping to reduce risk of fastener rounding.
- › Spline design also helps prevent rounding of corners and other fastener damage that could lead to Foreign Object Damage (FOD).
- › The high contact surface area which is away from fastener points enables turning of highly rounded fasteners.



## 10 PIECE BLACK CHROME METRIC NON-REVERSIBLE COMBINATION RATCHETING WRENCH SET - SPLINE

**Product #: JSCRM-10S-TT**

- › The chrome-vanadium switch lever allows for easy changes in turning direction which helps improve speed.
- › Chrome-vanadium box ends and switch levers provide high strength and durability.
- › Box end is countersunk for easy application to the fastener.
- › Spline design was created for use with specialty spline bolts which are used when weight and size of bolt heads must be minimized.
- › Spline design enables the wrench to contact conventional fasteners away from the corners, which help apply force over a large area helping to reduce risk of fastener rounding.
- › Spline design also helps prevent rounding of corners and other fastener damage that could lead to Foreign Object Damage (FOD).
- › The high contact surface area which is away from fastener points enables turning of highly rounded fasteners.



**INCH**

JSCR08-TT	1/4
JSCR10-TT	5/16
JSCR12-TT	3/8
JSCR14-TT	7/16
JSCR16-TT	1/2
JSCR18-TT	9/16
JSCR20-TT	5/8
JSCR22-TT	11/16
JSCR24-TT	3/4

Individual components available for purchase.



**MM**

JSCRM10-TT	10
JSCRM11-TT	11
JSCRM12-TT	12
JSCRM13-TT	13
JSCRM14-TT	14
JSCRM15-TT	15
JSCRM16-TT	16
JSCRM17-TT	17
JSCRM18-TT	18
JSCRM19-TT	19

Individual components available for purchase.

Torx® is a trademark of Acument Intellectual Properties, LLC

Ty-Flot products in blue are covered under a Limited Warranty provided by Ty-Flot, Inc.



## 5 PIECE DOUBLE BOX RATCHETING WRENCH SET - 6 & 12 POINT

Product #: **J1190A-TT**

- ▶ Full polish finish provides corrosion resistance and easy to clean surfaces.
- ▶ Shorter length for access to confined workspaces.
- ▶ The wrench self-aligns with the fastener.
- ▶ 12 Point box end allows for fine indexing.
- ▶ Fits 4, 6, and 12 Point fasteners.



	<b>6</b> <b>12</b>	<b>INCH</b>	<b>Point</b>
J1191T-A-TT		1/4 x 5/16	6
J1192T-A-TT		3/8 x 7/16	6
J1193T-A-TT		1/2 x 9/16	6
J1194-A-TT		5/8 x 11/16	12
J1195-A-TT		3/4 x 7/8	12

Individual components available for purchase. 

## 5 PIECE DOUBLE BOX RATCHETING OFFSET WRENCH SET - 6 & 12 POINT

Product #: **J1180A-TT**

- ▶ 25° Offset box end helps keep shank clear of obstructions.
- ▶ Shorter length for access to confined workspaces.
- ▶ Reversing switch lever allows for easy changes in turning direction which helps improve speed.
- ▶ Full polish finish on handle provides corrosion resistance and easy to clean surfaces.
- ▶ 6 Point box end allows for large wrench to fastener contact area which helps prevent rounding of the fastener.
- ▶ 12 Point box end allows for fine indexing, helping to improve speed and access.

	<b>6</b> <b>12</b>	<b>INCH</b>	<b>Point</b>
J1181-A-TT		1/4 x 5/16	6
J1182-A-TT		3/8 X 7/16	6
J1183-A-TT		1/2 x 9/16	6
J1184-A-TT		5/8 x 11/16	12
J1185-A-TT		3/4 x 7/8	12

Individual components available for purchase. 

## 5 PIECE DOUBLE BOX RATCHETING METRIC WRENCH SET - 6 & 12 POINT

Product #: **J1190MA-TT**

- ▶ Full polish finish provides corrosion resistance and easy to clean surfaces.
- ▶ Shorter length for access to confined workspaces.
- ▶ The wrench self-aligns with the fastener.
- ▶ 6 Point box end allows for a large wrench to fastener contact area which helps prevent fastener rounding.
- ▶ 12 Point box end allows for fine indexing.
- ▶ Fits 4, 6, and 12 Point fasteners.

	<b>6</b> <b>12</b>	<b>MM</b>	<b>Point</b>
J1191M-A-TT		7 x 8	6
J1192M-A-TT		9 x 10	6
J1193MA-A-TT		11 x 13	6
J1194MA-A-TT		12 x 14	6
J1195M-A-TT		15 x 17	12

Individual components available for purchase. 

## 7 PIECE DOUBLE BOX RATCHETING METRIC OFFSET WRENCH SET - 6 & 12 POINT

Product #: **J1180MA-TT**

- ▶ Full polish finish provides corrosion resistance and easy to clean surfaces.
- ▶ 12 Point box end allows for fine indexing, helping to improve speed and access. Fits 4, 6, and 12 Point fasteners.
- ▶ 6 Point box end allows larger wrench to fastener contact area which helps prevent rounding of the fastener.
- ▶ 25° Offset box end helps keep shank clear of obstructions.
- ▶ Reversing switch lever allows for easy changes in turning direction which helps improve speed.



	<b>6</b> <b>12</b>	<b>MM</b>	<b>Point</b>
J1181M-A-TT		7 x 8	6
J1182M-A-TT		9 x 10	6
J1183MA-A-TT		11 x 13	6
J1184MA-A-TT		12 x 14	6
J1185M-A-TT		15 x 17	12
J1186M-A-TT		16 x 18	12
J1187M-A-TT		19 x 21	12

Individual components available for purchase. 



## 3 PIECE CLIK-STOP® ADJUSTABLE WRENCH SET

**Product #: J790-TT**

- › Clik-Stop® locking design holds the moving jaw of an adjustable wrench in place when the wrench is in use.
- › Satin finish provides corrosion resistance and a slip-resistant grip.
- › Extra wide jaw capacity.
- › Square jaw opening provides strength and tight fit.
- › Included lanyards (JLAN15LBSSRP).



Contents	Max. Opening (in)	Overall Length (in)
J708L-TT	1-1/8	8
J710L-TT	1-5/16	10
J712L-TT	1-1/2	12
J25TR22C	Tool Roll	

Weight (lbs): 3.08  ASME B107.100

## SATIN CLIK-STOP® ADJUSTABLE WRENCHES

- › Satin finish provides corrosion resistance and a slip-resistant grip.
- › Extra wide jaw capacity.
- › Square jaw opening provides strength and tight fit.
- › Clik-Stop® locking design holds the moving jaw of an adjustable wrench in place when the wrench is in use.
- › Included lanyard (JLAN15LBSSRP).



Product #	Max Opening (in)	Overall Length (in)	Weight (lbs)
<b>J708L-TT</b>	1-1/8	8	0.57
<b>J710L-TT</b>	1-5/16	10	0.95
<b>J712L-TT</b>	1-1/2	12	1.54
<b>J715L-TT</b>	1-11/16	15	3.13
<b>J718L-TT</b>	2-1/16	18	5.73

 ASME B107.100

## ALUMINUM PIPE WRENCHES

- › Light weight aluminum for less job fatigue.
- › Standard handle lengths with wide gripping surface for increased comfort and one-hand operation.
- › Forged steel jaw provides outstanding strength.
- › Large knurl and power threads provide fast, positive jaw adjustment.
- › Graduation markings on hook jaw show approximate opening for pipe sizes.
- › Riveted jaw pin for safety.
- › Hanging hole for storage.
- › Field repairable by removing the rivet pin located on the bottom side of the jaw.
- › Replacement parts available.
- › Included lanyard (JLAN15LBSSRP).



Product #	Max Opening (in)	Overall Length (in)	Weight (lbs)
<b>J810A-TT</b>	1-1/2	10	1.10
<b>J812A-TT</b>	2	12	1.72
<b>J814A-TT</b>	2	14	2.15
<b>J824A-TT</b>	4	24	5.65

**NOTE:** For use with Elastic Bungee or Web Lanyard only.

Ty-Flot products in blue are covered under a Limited Warranty provided by Ty-Flot, Inc.



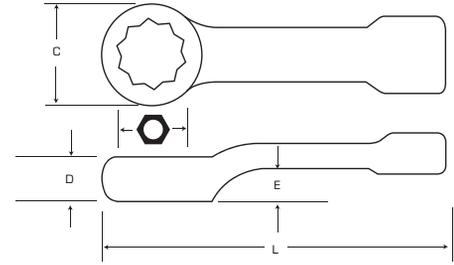


Each wrench is fitted with the correct weight-rated Proto® Heat Shrink Loop for the size of the wrench. The wrench is secure and remains strong because no holes are bored through the handle.



## BLACK OXIDE HEAVY-DUTY OFFSET STRIKING WRENCHES - 12 POINT

- › Black oxide finish.
- › Large striking surface for surer blow contact and more efficient transmittal of force to fastener.
- › Short handle permits use in close quarters.
- › Box opening designed to remain on fastener when wrench is struck.
- › For use where extreme force is necessary to loosen or set large fasteners.
- › Heavy box walls provide greater torque transmission.
- › Offset handle clears obstructions.
- › Non-reflective black oxide finish for use where non-plated products are required.
- › 12 Point box end allows for fine indexing, helping improve speed and access.
- › Fits most 4, 6, and 12 Point fasteners.



TETHER-READY WRENCHES

<b>12</b>	<b>INCH</b>	<b>MM</b>	<b>Outside Head Width (in) (C)</b>	<b>Head Thickness (in) (D)</b>	<b>Offset Height (in) (E)</b>	<b>Overall Length (in)</b>	<b>Weight (lbs)</b>
J2617SW-TT	1-1/16	27	1-11/16	5/8	15/16	8-1/2	1.84
J2618SW-TT	1-1/8	—	1-11/16	5/8	15/16	11	1.79
J2619SW-TT	1-3/16	30	2-1/16	13/16	13/16	10-3/4	2.55
J2620SW-TT	1-1/4	—	1-7/8	13/16	13/16	10-3/4	2.58
J2621SW-TT	1-5/16	—	1-7/8	13/16	13/16	11-1/2	2.59
J2622SW-TT	1-3/8	35	2-25/64	1	1-1/2	12	3.40
J2623SW-TT	1-7/16	—	2-3/16	1	1-1/2	12	3.29
J2624SW-TT	1-1/2	38	2-3/16	1	1-1/2	12	3.35
J2625SW-TT	1-9/16	—	2-21/32	1-1/8	1-7/16	12-1/4	3.89
J2626SW-TT	1-5/8	—	2-13/32	1-1/8	1-1/2	12-1/4	4.00
J2627SW-TT	1-11/16	43	2-13/32	1-1/8	1-1/2	13-7/16	3.88
J2628SW-TT	1-3/4	—	2-19/32	1-3/16	1-9/16	13-7/16	3.90
J2629SW-TT	1-13/16	—	2-21/32	1-3/16	1-9/16	13-7/16	5.30
J2630SW-TT	1-7/8	—	2-27/32	1-1/4	1-21/32	13-7/16	5.24
J2631SW-TT	1-15/16	—	2-27/32	1-1/4	1-7/8	13-7/16	5.20
J2632SW-TT	2	51	2-27/32	1-1/4	1-21/32	13-7/16	5.16
J2633SW-TT	2-1/16	—	3-1/8	1-1/4	2	13-1/2	6.82
J2634SW-TT	2-1/8	54	3-1/8	1-1/2	2	13-7/8	6.71
J2635SW-TT	2-3/16	—	3-3/8	1-1/2	2	13-1/2	6.78
J2636SW-TT	2-1/4	57	3-3/8	1-1/2	2	13-1/2	6.30
J2637SW-TT	2-5/16	—	3-3/8	1-1/2	2	13-1/2	7.94
J2638SW-TT	2-3/8	—	3-3/8	1-1/2	2	13-1/2	7.86

**NOTE:** For use with Elastic Bungee or Web Lanyard only.

<b>12</b>	<b>MM</b>	<b>Outside Head Width (in) (C)</b>	<b>Head Thickness (in) (D)</b>	<b>Offset Height (in) (E)</b>	<b>Overall Length (in)</b>	<b>Weight (lbs)</b>
J2632SWM-TT	32	1-57/64	53/64	1-3/16	10-3/4	0.88
J2636SWM-TT	36	2-13/64	63/64	1-1/2	12-1/64	2.13
J2641SWM-TT	41	2-13/32	1-7/64	1-1/2	12-1/4	2.37
J2646SWM-TT	46	2-43/64	1-3/16	1-37/64	13-27/64	2.81
J2650SWM-TT	50	2-53/64	1-17/64	1-21/32	13-27/64	6.36
J2655SWM-TT	55	3-25/64	1-1/2	2-1/64	13-1/2	6.58
J2660SWM-TT	60	3-25/64	1-1/2	2-1/64	13-1/2	9.19
J2665SWM-TT	65	4-1/64	1-1/2	2-1/4	13-1/2	12.61
J2670SWM-TT	70	4-1/64	1-1/2	2-1/4	13-1/2	12.11
J2675SWM-TT	75	4-29/64	1-57/64	2-41/64	15-63/64	13.53
J2680SWM-TT	80	4-29/64	1-57/64	2-41/64	15-63/64	13.16

**NOTE:** For use with Elastic Bungee or Web Lanyard only.

Ty-Flot products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.

**6** 6 POINT
**12** 12 POINT
**SPL** SPLINE
**HEX** HEX
**FULL POLISH**
**SATIN**
**BLACK OXIDE**
**BLACK CHROME**

# STRIKING & STRUCK

Striking tools require strength and durability during impact. Proto® Tether Attachment Points will secure a striking tool without holes or welds that weaken or unbalance properly-made equipment.



The molded textured rubber grip provides a slip-resistance grip and increased control.

Patented Anti-Vibe® technology delivers greater vibration dampening effect than traditional one-piece steel hammers.

Proto® specifically positions the Heat Shrink Tether Loop to maximize the range of natural motion during tool use.



## 5 PIECE COLD CHISEL SET

**Product #: J86CS2-TT**

- ▶ Made from S2 steel and specially heat-treated for greater strength and durability.
- ▶ Modified parabolic striking end to help reduce mushrooming and chipping.
- ▶ Hand ground cutting edge to the exact angle for cutting through tough metals.
- ▶ Black oxide finish to help prevent rust corrosion, extending tool life and performance.
- ▶ A polished identification panel on one of the flats is marked with the tool number and size in a black inlay.
- ▶ Set offers a wide range of sizes to handle a variety of jobs.
- ▶ Includes a pouch for convenient storage solution.



Contents	Description	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)
J86A1/2S2-TT	5/8" Cold Chisel	5/8	1/2	6-3/4
J86A1/4S2-TT	5/16" Cold Chisel	5/16	1/4	5-1/8
J86A3/8S2-TT	7/16" Cold Chisel	7/16	3/8	5-9/16
J86A5/16S2-TT	3/8" Cold Chisel	3/8	5/16	5-9/16
J86A7/16S2-TT	1/2" Cold Chisel	1/2	7/16	6
J25TR15C	Pouch			

Individual components available for purchase.

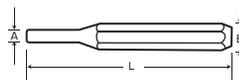
Weight (lbs): 1.17



## 7 PIECE PIN PUNCH SET

**Product #: J47A-TT**

- ▶ Made from S2 steel and specially heat-treated for greater strength and durability.
- ▶ Two-piece design allows the tip to be hard for durability while allowing it to be produced straight to help prevent binding.
- ▶ Modified parabolic striking end to help reduce mushrooming and chipping.
- ▶ Black oxide finish to help prevent rust corrosion, extending tool life and performance.
- ▶ A polished identification panel on one of the flats is marked with the tool number and size in a black inlay.
- ▶ Set offers a wide range of sizes to handle a variety of jobs.
- ▶ Includes a pouch for convenient storage solution.



Contents	Description	Tip Width (in) (A)	Shank Width (in) (B)	Overall Length (in) (L)
J471-4X1-16-TT	1/16" Punch Pin	1/16	1/4	4-3/8
J471-4X3-32-TT	3/32" Pin Punch	3/32	1/4	4-3/4
J475-16X1-8-TT	1/8" Pin Punch	1/8	5/16	5-3/16
J475-16X5-32TT	5/32" Pin Punch	5/32	5/16	5-9/16
J473-8X3-16-TT	3/16" Pin Punch	3/16	3/8	5-7/8
J477-16X7-32TT	7/32" Pin Punch	7/32	3/8	6-3/8
J471-2X1-4-TT	1/4" Pin Punch	1/4	3/8	6-3/4
J25TR31C	Pouch			

Individual components available for purchase.

Weight (lbs): 1.15



ASME B107.410

Ty-Flot products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.



WARNING: WORK SAFELY WITH TOOLS. WEAR SAFETY GOGGLES.

## 4 PIECE LARGE HANDLE PRY BAR SET

Product #: J2156S-TT

- › Impact-resistant, extruded Acetate handles are four-sided with broad but shallow flutes.
- › Resistant to most harsh chemicals (including hydraulic fluids used in the aerospace industry).
- › Four-sided handle design helps prevent "roll away" from the work surface and is comfortable and easy to hold.
- › High alloy steel shanks are heat-treated their entire length and black oxide treated for added strength and durability.
- › Made in USA.



Contents	Size (in)
J2140-TT	14
J2142-TT	18
J2146-TT	28
J2148-TT	32

Individual components available for purchase. 

## PUNCH AND CHISEL HOLDER

- › Holds punches and chisels up to one inch in diameter reducing the risk of injury.
- › Nylon insert absorbs shock.
- › Large four-sided handle.

Product #	Overall Length (in) (L)	Weight (lbs)
J2108-TT	8	0.60



## 4 PIECE PRY & ROLLING HEAD BARS SET

Product #: J2100-TT

- › Set includes rolling head and aligning bars.
- › Black oxide finish to help prevent rust corrosion; extending tool life and performance.



Contents	Size (in)	Type
J2120-TT	18	Aligning
J2124-TT	24	Aligning
J2126-TT	12	Rolling Head
J2130-TT	16	Rolling Head

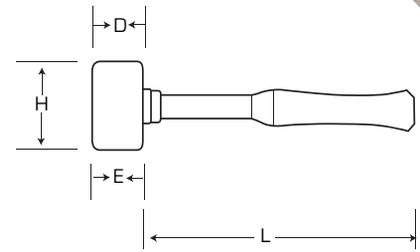
Individual components available for purchase. 





## ANTI-VIBE® STEEL BALL PEIN HAMMERS

- Well-balanced professional hammer with hardened drop-forged head bonded to strong, lightweight fiberglass handle.
- Exclusive Rim-Tempered™ process minimizes chipping from off-center strikes.
- Molded jacket over the fiberglass handle provides maximum overstrike protection.



Product #	Head Weight	Overall Length (in) (L)	Weight (lbs)
J1316AVP-TT	16 oz.	12-7/8	1.54
J1324AVP-TT	24 oz.	13-25/32	2.18
J1332AVP-TT	32 oz.	14-3/4	2.62

ASME B107.400

## BRASS HAMMERS

- Mar-resistant soft brass head helps absorb impact and helps reduce work damage.
- Spark-resistant for safe use near combustible materials.
- Fiberglass handle with ergonomic, non-slip grip.

PROP 65 WARNING: Handling the brass material on this product exposes you to lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after use.



Product #	Head Weight	Face Diameter (in) (D)	Head Length (in) (H)	Overall Length (in) (L)	Weight (lbs)
J14326-TT	2.6 lbs	1-3/4	3-1/2	13-3/4	3.45
J14316-TT	3.8 lbs	2	3-5/8	14-3/4	4.38

## DEAD BLOW COMPO-CAST® COMBO FACE HAMMERS

- Top welded handle-to-head assembly adds extra durability and safety.
- Hot urethane Uni-Cast construction outlasts all other soft face striking tools. Urethane composition provides shape-retaining faces even after repeated striking on hard surfaces and sharp edges.
- Handle is reinforced with solid steel shaft for greater strength safety.
- Top of head molded with a flat surface.
- Dual head design (Standard Dead Blow and Slim-line heads).
- Comfortable dual molded grip.



Top of head molded with flat surface.

Dual head design (standard dead blow and slim-line heads).

Double flange butt handle.



Product #	Head Weight	Face Diameter (in) (D)	Head Length (in) (H)	Overall Length (in) (L)	Weight (lbs)
J57-530-TT	15 oz	1 x 1-1/4	3-47/64	10-13/32	0.90
J57-531-TT	21 oz	1-1/4 x 1-35/64	4-17/32	11-21/32	1.40
J57-532-TT	28 oz	1-11/32 x 1-45/64	5-9/64	13-1/4	1.80
J57-533-TT	48 oz	1-45/64 x 2-3/32	5-51/64	14-1/4	2.95
J57-534-TT	56 oz	1-61/64 x 2-13/32	6-13/64	15-61/64	3.70

Ty-Flot products in blue are covered under a Limited Warranty provided by Ty-Flot, Inc.

# TETHER-READY PLIERS

All Proto® Tethered Pliers integrate a Tether Attachment Point in the handle that sits in the heel of your hand. When the pliers open, the lanyard remains stationary in the hand and promotes a more natural use of the pliers.



## XL SERIES PLIERS

- ▶ Exclusive Flush Fastener provides better access with increased user adjustability making it 30% narrower.
- ▶ Flush Fastener allows pliers to lay flat in the work place and prevents snagging on tool belts/pouches.
- ▶ Flush Fastener is a nut and bolt assembly and can easily be adjusted by the end user in the field.





## XL SERIES TONGUE & GROOVE

- › Jaws are milled with deep self-gripping pipe wrench style teeth for maximum bite.
- › Accurately machined undercut tongue and groove points for precision movement and joint strength.



Product #	Description	Overall Length (in)	Jaw Thickness (in)	Jaw Width (in)	Jaw Length (in)	Weight (lbs)
<b>J261SGXL-TT</b>	Groove Joint Pliers w/Grip - 5"	5	15/64	3/4	31/32	0.15
<b>J262SGXL-TT</b>	Groove Joint Pliers w/Grip - 7"	7	3/8	1-19/64	1-43/64	0.5
<b>J260SGXL-TT</b>	Groove Joint Pliers w/Grip - 10"	10	27/64	1-19/32	2-3/32	0.94
<b>J264SGXL-TT</b>	Groove Joint Pliers w/Grip - 12"	12	33/64	2-1/2	2-45/64	1.95
<b>J265SGXL-TT</b>	Groove Joint Pliers w/Grip - 16"	16	33/64	3-3/32	3	2.6



## XL SERIES COMBINATION SLIP-JOINT

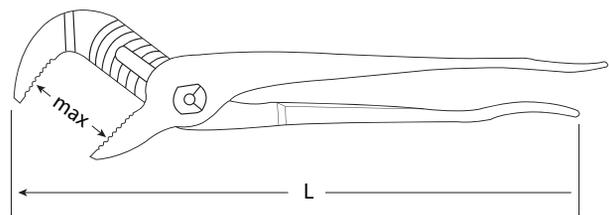
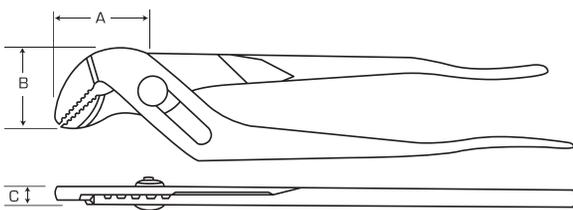
- › Jaws are milled with deep, sharp, lobster claw design that give two gripping areas with each position.
- › Combination pliers have shear type cutters.
- › Non-gripped versions are complemented with deep, strong, drop-forged knurled impressions making it non-slip. The impressions can also be used to file off a burr when on the go!



Product #	Description	Overall Length (in)	Jaw Thickness (in)	Jaw Width (in)	Jaw Length (in)	Weight (lbs)
<b>J2766XL-TT</b>	Slip-Joint Pliers w/Grip - 6"	6-1/2	13/32	1-1/4	1-27/32	0.5
<b>J2766XL-TT</b>	Slip-Joint Pliers w/Natural Finish - 6"	6-1/2	13/32	1-1/4	1-27/32	0.45
<b>J2786XL-TT</b>	Slip-Joint Pliers w/Grip - 8"	8	13/32	1-5/16	2-3/32	0.64
<b>J278XL-TT</b>	Slip-Joint Pliers w/Natural Finish - 8"	8	13/32	1-5/16	2-3/32	0.6
<b>J2806XL-TT</b>	Slip-Joint Pliers w/Grip - 10"	10	31/64	1-13/32	2-11/64	0.9
<b>J2800XL-TT</b>	Slip-Joint Pliers w/Natural Finish - 10"	10	31/64	1-13/32	2-11/64	0.9



Ty-Flot products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.



### SOFT JAW - CANNON PLUG PLIERS

- › Capacity of 3/4" to 2-1/2".
- › Four-position pivot design provides greater concentricity.
- › Replaceable urethane padded jaws protect work piece from marking or scratching.
- › Plastisol grips for added comfort.



Product #	Overall Length (in) (L)	Max. Opening (in)	Replacement Item	Weight (lbs)
J2536-TT	9-1/2	3/4 - 2-1/2	J253GRK	0.54





## STRAIGHT JAW LOCKING PLIERS

- ▶ Heavy-duty nose.
- ▶ Reinforced precisely machined teeth.
- ▶ Strong, tough tool.
- ▶ Helps provide secure grip for extra tough jobs.
- ▶ General purpose for various maintenance situations.
- ▶ Locking nut to hold adjustment during repetitive jobs.



Product #	Overall Length (in) (L)	Jaw Length (in) (A)	Jaw Width (in) (B)	Weight (lbs)
<b>J293XL-TT</b>	9-1/4	1-19/32	5/8	1.39

## SAFETY WIRE TWISTER PLIERS - REVERSIBLE

- ▶ Reversible safety wire pliers provide right and left twist capability often eliminating the need for a second plier.
- ▶ Meets SAE Aerospace Standard AS 567 Twister Requirements.
- ▶ Provides all of the features of standard Proto® Safety Wire Pliers.
- ▶ J196 designed for wire sizes .020" - .041".
- ▶ J197 designed for wire sizes .020" - .060".
- ▶ J198 designed for wire sizes .020" - 0.60".



Product #	Overall Length (in) (L)	Weight (lbs)
<b>J196-TT</b>	8-3/4	0.64



## WIRE STRIPPER - CRIMPER

- ▶ Strips 10-22 AWG (American Wire Gauge).
- ▶ Box style crimp.
- ▶ Crimps insulated and non-insulated terminals for 10-22 AWG.
- ▶ Crimps non-insulated 7 mm and 8 mm auto ignition wire.
- ▶ Cuts screw/bolt sizes 4-40, 5-40, 6-32, 8-32, 10-32, 10-24.
- ▶ Anvil type wire cutter for cutting copper wire.
- ▶ Air-pocket cushion grips for comfort.



Product #	Overall Length (in) (L)	Weight (lbs)
<b>J299-TT</b>	8-1/2	0.45

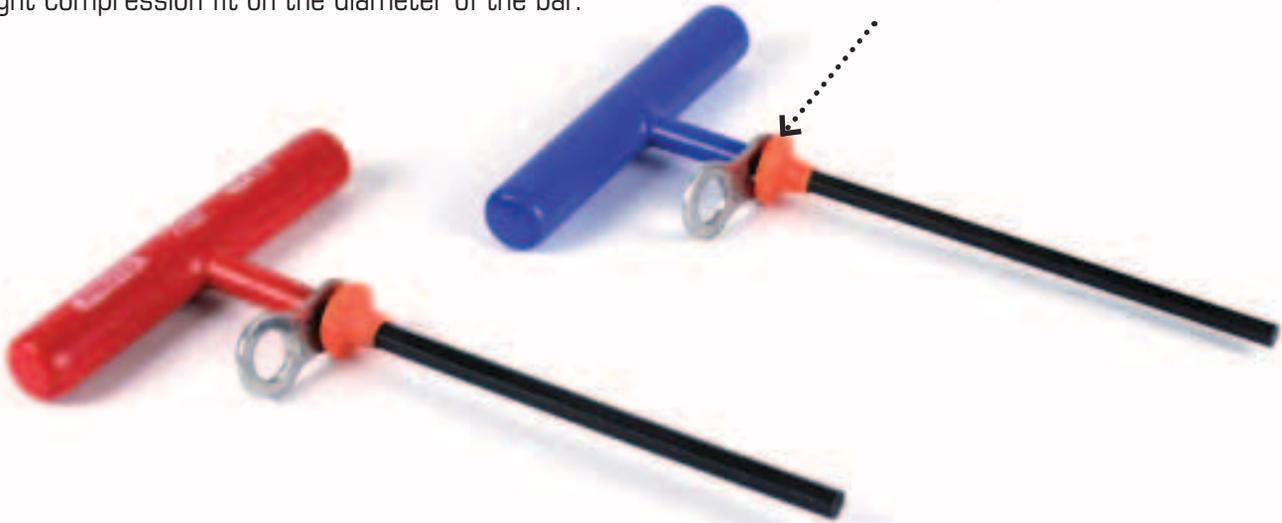


Ty-Flot products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.

# SCREWDRIVERS & HEX KEYS

Proto® Tethered Hex Keys and Screwdrivers feature tool collars that tightly attach to the bar of the tool. Each collar is specifically sized for a tight compression fit on the diameter of the bar.

Tool collars provide 360° of tool movement during use while minimizing lanyard entanglement.



## 11 PIECE T-HANDLE HEX KEY SET

Product #: J4968-TT



## 6 PIECE METRIC T-HANDLE HEX KEY SET

Product #: J4969-TT



HEX	INCH	Handle Length (in)	Length (in)	Weight (lbs)
J46405-TT	5/64	3	6	0.11
J46406-TT	3/32	3	6	0.11
J46407-TT	7/64	3	6	0.11
J46408-TT	1/8	3	6	0.14
J46409-TT	9/64	3	6	0.14
J46410-TT	5/32	3	6	0.32
J46412-TT	3/16	4	6	0.32
J46414-TT	7/32	4	6	0.63
J46416-TT	1/4	4	6	0.82
J46420-TT	5/16	6	6	0.89
J46424-TT	3/8	6	6	0.90

Weight (lbs): 3.98

HEX	MM	Handle Length (in)	Length (in)	Weight (lbs)
J46508-TT	2	3	6	0.11
J46510-TT	2.5	3	6	0.13
J46512-TT	3	3	6	0.13
J46514-TT	4	3	6	0.14
J46516-TT	5	4	6	0.32
J46518-TT	6	4	6	0.62

Weight (lbs): 1.00



## T-HANDLE HEX KEYS



HEX	INCH	Handle Length (in)	Length (in)	Weight (lbs)
J46405-TT	5/64	3	6	0.11
J46406-TT	3/32	3	6	0.11
J46407-TT	7/64	3	6	0.11
J46408-TT	1/8	3	6	0.14
J46409-TT	9/64	3	6	0.14
J46410-TT	5/32	3	6	0.32
J46412-TT	3/16	4	6	0.32
J46414-TT	7/32	4	6	0.63
J46416-TT	1/4	4	6	0.82
J46420-TT	5/16	6	6	0.89
J46424-TT	3/8	6	6	0.90



## T-HANDLE HEX KEYS METRIC



HEX	MM	Handle Length (in)	Length (in)	Weight (lbs)
J46508-TT	2	3	6	0.11
J46510-TT	2.5	3	6	0.13
J46512-TT	3	3	6	0.13
J46514-TT	4	3	6	0.14
J46516-TT	5	4	6	0.32
J46518-TT	6	4	6	0.62

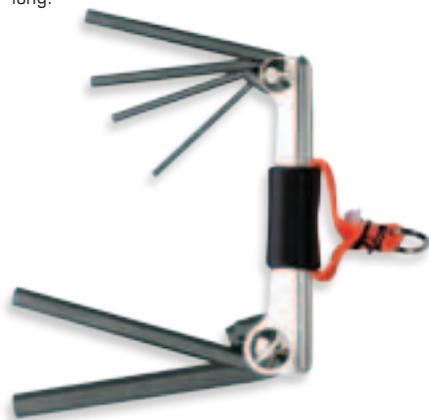


TETHER-READY T-HANDLE & FOLDING HEX KEYS

## 6 PIECE METRIC LONG FOLDING HEX KEY SET

Product #: J4973-TT

- › Chrome plated steel case is 6-1/2" long.
- › Black oxide bits are 5" long.



MM	Length (in)
3	5
4	5
5	5
6	5
8	5
10	5

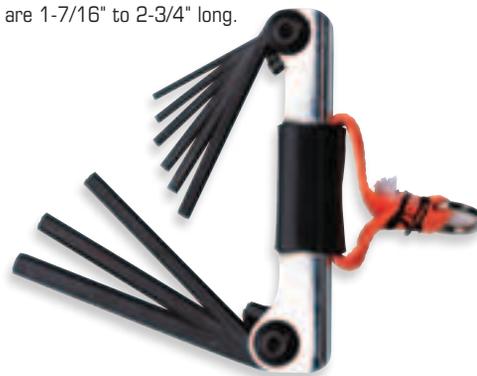
Weight (lbs): 0.84



## 9 PIECE FOLDING HEX KEY SET

Product #: J4993-TT

- › Chrome plated steel case is 4-1/2" long.
- › Black oxide bits are 1-7/16" to 2-3/4" long.



INCH	Set Screws	Fits Cap Screws 1960 Series	Cap Screws 1936 Series
5/64	#8	#2, #3	#3, #4
3/32	#10, #12	#4, #5	#5, #6
7/64	-	#6	-
1/8	1/4	-	#8
9/64	-	#8	-
5/32	5/16	#10	#10
3/16	3/8	1/4	1/4
7/32	7/16	-	5/16
1/4	1/2, 9/16	5/16	-

Weight (lbs): 0.47



Ty-Flot products in blue are covered under a Limited Warranty provided by Ty-Flot, Inc.

## PROTO® DURATEK™ SCREWDRIVERS



› Ergonomically designed handle for improved grip.

› Black oxide tip prevents chrome peeling.

### FEATURES AND BENEFITS – DURATEK™ SCREWDRIVERS

- › Ergonomically designed quad-lobe handle features 360° texture for additional grip.
- › Designed to meet demanding heavy-duty needs of industrial maintenance and assembly applications.

#### HANDLE

- › Impact and chemical resistant handles are four-sided with broad but shallow flutes.
- › Resistant to most harsh chemicals (including hydraulic fluids used in the aerospace industry).
- › Four-sided handle design helps prevent "roll away" from the work surface.

#### SHANK

- › High-alloy steel shanks are heat-treated their entire length to help provide strength against twisting action and to help prevent bending and twisting when placed under torque.
- › Fully grounded and chemically polished, then chrome plated for corrosion resistance.

#### TIP

- › Made of high-alloy steel (same as shank).
- › Precision machined for precise fastener fit.
- › Finished in black oxide to help prevent cam out and slipping.
- › Tips are un-plated with a black oxide finish to help prevent chrome peeling, an important Foreign Object Debris (FOD) concern.

Product #	Tip Size	Tips	Shank Length (in) (L1)	Shank Type	Bolster	Overall Length (in) (L)
JC31604R-TT	3/16	Cabinet	4	Round	–	7
JK14112R-TT	1/4	Keystone	1-1/2	Round	–	3-1/2
JK1404R-TT	1/4	Keystone	4	Round	–	8
JK51606R-TT	5/16	Keystone	6	Round	–	10-3/8
JK3808R-TT	3/8	Keystone	8	Round	–	13
JK3810R-TT	3/8	Keystone	10	Round	–	11
JPP0003R-TT	0	Phillips	3	Round	–	5-3/4
JP0103R-TT	1	Phillips	3	Round	–	6-3/4
JP02112R-TT	2	Phillips	1-1/2	Round	–	3-1/2
JP0204R-TT	2	Phillips	4	Round	–	8
JP0306R-TT	3	Phillips	6	Round	–	10-3/8
JP0408R-TT	4	Phillips	8	Round	–	13

ASME B107.600





## 6 PIECE PHILLIPS PROTO® DURATEK™ SCREWDRIVER SET

Product #: J1206SP-TT

► Duratek™ features apply.



Contents	Description	Tip Size	Tips	Shank Length (in) (L1)	Shank Type	Overall Length (in)
JPP0003R-TT	Screwdriver, Phillips Round #0 x 3"	0	Phillips	3	Round	5-3/4
JPO103R-TT	Screwdriver, Phillips Round #1 x 3"	1	Phillips	3	Round	6-3/4
JPO2112R-TT	Screwdriver, Phillips Round, Stubby #2 x 1-1/2"	2	Phillips	1-1/2	Round	3-1/2
JPO204R-TT	Screwdriver, Phillips Round #2 x 4"	2	Phillips	4	Round	8
JPO306R-TT	Screwdriver, Phillips Round #3 x 6"	3	Phillips	6	Round	10-3/8
JPO408R-TT	Screwdriver, Phillips Round #4 x 8"	4	Phillips	8	Round	13

ASME B107.600

## 6 PIECE SLOTTED PROTO® DURATEK™ SCREWDRIVER SET

Product #: J1206SSF-TT

► Duratek™ features apply.



Contents	Description	Tip Size	Tips	Shank Length (in) (L1)	Shank Type	Overall Length (in)
JC31604R-TT	Screwdriver, Slotted Keystone, Round 3/16" x 4"	3/16	Keystone	4	Round	7
JK14112R-TT	Screwdriver, Slotted Keystone, Round, Stubby 1/4" x 1-1/2"	1/4	Keystone	1-1/2	Round	3-1/2
JK1404R-TT	Screwdriver, Slotted Keystone, Round 1/4" x 4"	1/4	Keystone	4	Round	8
JK51606R-TT	Screwdriver, Slotted Keystone, Round 5/16" x 6"	5/16	Keystone	6	Round	10
JK3808R-TT	Screwdriver, Slotted Keystone, Round 3/8" x 8"	3/8	Keystone	8	Round	13
JK3810R-TT	Screwdriver, Slotted Keystone, Round 3/8" x 12"	3/8	Keystone	12	Round	17

ASME B107.600

Ty-Flot products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.

# SPECIALTY TOOLS



J2343-TT

Lanyard not included

## 1-1/2" CARBON SCRAPER

- ▶ Impact-resistant, extruded Acetate handles are four-sided with broad but shallow flutes.
- ▶ Resistant to most harsh chemicals (including hydraulic fluids used in the aerospace industry).
- ▶ Four-sided handle design helps prevent "roll away" from the work surface and are comfortable and easy to hold.
- ▶ High alloy steel 3/8" shanks are heat-treated their entire length and black oxide treated for added strength and durability.

Product #	Shank Diameter (in)	Blade Width (in)	Shank Length (in)	Overall Length (in)	Weight (lbs)
<b>J2343-TT</b>	3/8	1-1/2	6-1/4	10-3/8	.50



## STANLEY® WRECKING BARS

- ▶ Forged one-piece steel construction for increased strength and durability.
- ▶ Yellow powder coated claw end for high visibility.
- ▶ Beveled chisel end for prying.
- ▶ Nail slot on claw end with beveled edge for pulling nails and prying.
- ▶ Both chisel and claw end are polished.



Product #	Overall Length	Claw Blade Width	Claw Blade Width	Weight	Color
<b>55-130-TT</b>	30 in (760 mm)	1-1/4 in (32 mm)	1 in (25 mm)	4.5 lbs (2.04 kg)	Yellow



## HEAVY-DUTY PISTOL GRIP GREASE GUN

- › 3-Way filling: bulk, cartridge, or filler pump.
- › 16 oz. Bulk fill.
- › 14 oz. Standard cartridge.
- › Heavy-duty 1.7 mm thick seamless barrel to avoid dents.
- › Aluminum head reduces weight.
- › Heavy-duty flexible 18" nylon hose and 6" metal spout for easy use.
- › Output pressure: 3,600 PSI.



Product #	Overall Length (in)	Weight (lbs)
<b>JFC33HD-TT</b>	16	3.86

## STANLEY® FATMAX® TETHER READY AUTO-LOCK TAPE RULES

- › Auto-Lock Mode: For control and long blade life.
- › Manual Mode: Disengage lock for speed marking.
- › Detachable Hook: Allows user to work efficiently in different conditions.
- › 11' Blade Standout\*: For reach and efficiency.
- › BladeArmor®: 10X\*\* blade life.
- › Hook Storage: Securely stores hook when not in use.
- › Made in the USA with global components.
- › Blade width: 1-1/4".
- › Through-hole for attaching a tool lanyard when working at heights.

Lanyard not included



Product #	Blade Width (in)	Blade Length (ft)
<b>FMHT33316</b>	1-1/4	16
<b>FMHT33338L</b>	1-1/4	25
<b>FMHT33348</b>	1-1/4	30

\*Standout claims based on maximum performance

\*\*Compared to STANLEY 30-419



## STANLEY® HIGH TENSION LOW PROFILE HACKSAW

- › Arc-shaped frame enables cutting in hard-to-reach areas.
- › 4" Throat depth cuts large PVC pipes.
- › Heavy-duty, lightweight, die-cast aluminum I-beam frame provides strength and durability.
- › Ergonomically designed handle for comfortable use.
- › Tension knob makes blade tension adjustment easy.
- › 45° and 90° Cutting angles add flexibility.
- › Hacksaw blade included (15-631): 1.
- › Included lanyard (JLAN15LBSSRP).



Product #	Blade Length	Throat Depth
<b>20-001K-TT</b>	12 in (305 mm)	4 in (102 mm)

Ty-Flot products in blue are covered under a Limited Warranty provided by Ty-Flöt, Inc.

## STANLEY® SELF-RETRACTING SAFETY BLADE UTILITY KNIFE

- › Durable, all-metal knife body construction.
- › Machine screw firmly holds knife body together - Screwdriver required for blade change.
- › Contoured handle and textured, die-cast body for slip-resistance.
- › Interlocking nose design helps secure blade and helps prevent body separation.
- › Comes with hang-hole for adding a wrist strap or lanyard.
- › Auto-retracting blade: spring-loaded. Retracts when slide button is released.
- › Blades included (11-987): 1.
- › Works with most standard utility blades.



Auto Retracting Blade Feature.



Interlocking Nose Feature.

Product #	Length	Body Color
<b>10-189C-TT</b>	5-7/8 in (149 mm)	Orange



## DEWALT® HEAT GUN

- › Variable temperature control allows for adjustment of the heat settings.
- › Built-in overload protection shuts the heating element down and prevents burn up.
- › Built-in hang ring adds a convenient storage feature.
- › Built-in innovative kickstand support provides greater stability and prevents tip over.
- › Cord Protector keeps the cord from tearing away from the housing.
- › Ergonomic comfort grip provides greater comfort for long hours of use.
- › Separate Internal Components allows maintenance on both the motor and the heating element.
- › Temperature: 120 to 1100 °F.



Product #	Voltage	Amps	Watts	Cord Length	Weight
<b>026950</b>	120	13	1550	10 ft.	2.1 lbs