



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# IRONWORKER'S TOOLS

The latest tools to help you work safely and efficiently.



**KLEIN  
TOOLS**



For Professionals... Since 1857™



## Flame-Retardant Storage

For added protection when welding and grinding in the field, Klein's Flame-Retardant pouches meet the performance requirements of NFPA-701. The pouches have strong bottoms and feature a convenient tunnel loop for sliding over your belt.

- #4 Flame-Retardant Canvas.

Cat. No.	UPC Code 0-92644+	Belt Capacity	Belt Connection	Length	Width
<b>Flame-Retardant Canvas Bolt Bag</b>					
5416TFR	55529-9	up to 3" (76 mm) wide	Tunnel	5" (127 mm)	9" (229 mm)
Cat. No.	UPC Code 0-92644+	Back Depth	Diameter	Front Depth	Width
<b>Flame-Retardant Electrode Bag</b>					
5471FR	55530-5	15-1/2" (394 mm)	2-1/2" (64 mm)	12" (305 mm)	N/A



5416TFR



5471FR

FR

## Connecting Bar Lock Collar and Holder

Keep your connecting bar safely close at hand. The lock collar (Cat. No. 5459C) slides securely over the connecting bar to lock it safely into the specially designed holder (Cat. No. 5459SLVR) that can be attached to a tool belt up to 3-1/2" (89 mm) wide.

- Lock collar can be fitted to Klein Tools 7/8" round hex connecting bars. (Cat. No. 3248 and 3246)

Cat. No.	UPC Code 0-92644+	Description	Belt Connection	Belt Capacity
5459C	55532-9	Connecting Bar Lock Collar	N/A	N/A
5459SLVR	55531-2	Connecting Bar Holder with Lock Collar	Tunnel	up to 3-1/2" (89 mm) wide



5459SLVR



5459C

**⚠WARNING:** Lock Collar should ONLY be used on Klein 7/8" Connecting Bars. Lock Collar must be installed on connecting bar before using holder.



## Gooseneck Hex Connecting Bar

Provides extra leverage when positioning steel beams and aligning bolt holes. The forged fit-up bar is pointed on one end while the 45° angle of the chisel-end both combine for greater leverage.

Cat. No	UPC Code 0-92644+	Description	Overall Length
GN3243	66509-7	7/8" (22 mm) Gooseneck Hex Connecting Bar	30" (762 mm)

GN3243

## Ironworker's Pliers

Use to twist and snip soft annealed rebar tire wire. The knurled jaws also aid in easy twisting and turning. These pliers feature a hook-bend in the handle for added grip and leverage. Unique handle tempering helps absorb the "snap" when cutting wire.

- New knurled head for better gripping and longer lasting teeth pattern.



D201-7CST

Cat. No.	UPC Code 0-92644+	Nose Type	Handle Finish	Jaw Length	Jaw Thickness	Jaw Width	Knife Length	Overall Length
201-7CST	70300-3	Square	Plain	1-9/32" (33 mm)	1/2" (13 mm)	1-5/32" (29 mm)	5/8" (16 mm)	9-1/8" (232 mm)
D201-7CST	70302-7		Plastic-Dipped					9-1/4" (235 mm)
D20007CST*	70378-2							

\*Cuts ACSR, screws, nails and most hardened wire.

## Tool Tether

Falling objects are the #3 leading cause of disabling workplace injuries, according to OSHA. Keep your tools close at hand when working at height with this handy tool tether.

Cat. No	UPC Code 0-92644+	Maximum Load Limit	Relaxed Length	Stretched Length
TT1	46000-5	10 lbs (4.5 kg)	32" (813 mm)	60" (1524 mm)

### ⚠ WARNINGS:

- Inspect for wear before each use.
- Do not use for human support.
- Maximum Working Capacity 10 lbs. (4.5 kg). Never connect over 5 lbs. (2.3 kg) to a person.
- Do not use around moving or rotating equipment.

### ⚠ WARNINGS:

- Tether extends to length of 5' (1.5 m). Rig to avoid contact with objects below.
- Always ensure cinch remains snug while in use.
- Always attach carabiner end to anchor point.
- Do not attach tether back onto itself.
- Do not tie knots in tether.



TT1

## Bull Pins with Tether Holes

Manufactured for durability, Klein bull pins are machined from quality alloy steel that is heat-treated for strength. The tether hole allows you to keep bull pins connected for easy access and safety when working at height.

- Standard design includes a vertical slot to protect the loop-end of the tether when connected.
- Broad-Head design will not mushroom.
- Rust resistant.



Cat. No.	UPC Code 0-92644+	Material	Length	Point Diameter	Top Diameter
<b>Broad-Head</b>					
3255TT	48001-0	Steel	13-3/4" (349 mm)	5/16" (8 mm)	1-1/4" (32 mm)
3256TT	48002-7	Steel	10" (254 mm)	1/4" (6 mm)	1-1/16" (27 mm)
<b>Standard</b>					
3259TT	48003-4	Steel	12" (305 mm)	7/16" (11 mm)	1-5/16" (33 mm)
3259TTS	48004-1	Stainless Steel			



3255TT



3259TTS





**Klein Tools'** line of Ironworker's tools are engineered and manufactured to withstand rugged jobsite conditions and heavy use. From pliers to wrenches, rebar hickies to pins, leather and canvas pouches to connecting bars, each tool has been thoughtfully designed around the worker. Whether it's rebar work or structural work, Klein has something to meet the Ironworker's daily needs.



Hickies & Grizzly Bar



Tie-Wire Reel



Drift Pins



Construction Wrenches



**For Professionals... Since 1857™**

Visit [www.kleintools.com/ironworkers](http://www.kleintools.com/ironworkers) for our complete line of Ironworker's tools.



Assembled in USA of U.S. and imported components.



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