



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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ESSENTIAL TOOLS

TO KEEP THE JOB SITE SAFE AND PRODUCTIVE



KLEIN TOOLS 
For Professionals... Since 1857™

In private industry, falling objects accounted for 10% of worker fatalities in 2013. In 2012, falling objects caused 18% of contractor deaths, a 7% increase from 2011.

OSHA ranks being “struck by objects” as the third leading cause of disabling workplace injuries.

Klein Tools’ growing line of tethers and tools for Work@Height are designed to protect workers on the job site as well as their tools.

Tool Tethers

- Keep your tools close at hand while working at height
- Allow for easy tool recovery in case of accidental drops



Always use choke hitch formation



Attach tether through tether hole when available



Always use a load bearing anchor or attachment point



Triple-locking carabiner for additional safety

TT2



TT1

Cat. No.	UPC Code	Maximum Load Capacity	Relaxed Length	Stretched Length
TT1	46000-5	10 lbs (4.5 kg)	32" (813 mm)	60" (1.5 m)
TT2	59006-1	15 lbs (4.5 kg)	32" (813 mm)	51" (1.3 m)

⚠️ WARNINGS:

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

⚠️ WARNINGS:

- Tethers extend to anywhere from 3.5' to 5' (1.3 m to 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.

36" (914 mm) Round Bar

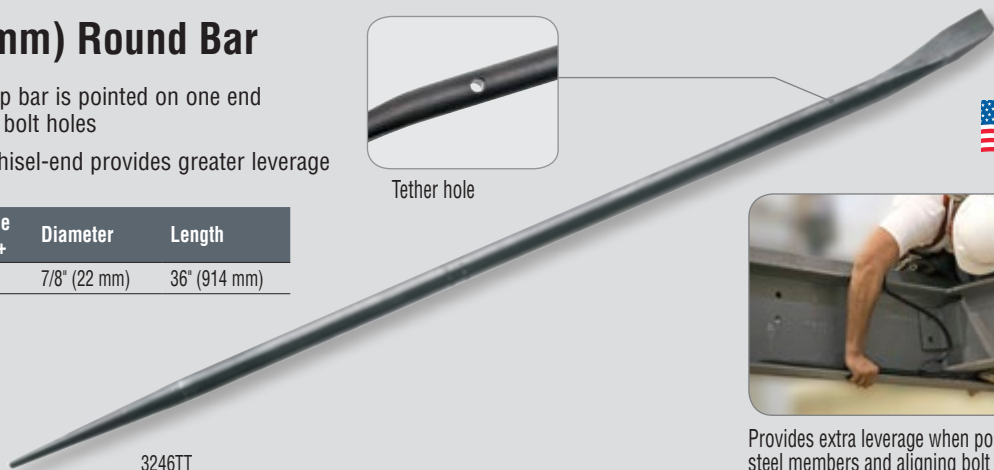
- Forged fit-up bar is pointed on one end for aligning bolt holes
- 15° angle chisel-end provides greater leverage



Tether hole



Cat. No.	UPC Code	Diameter	Length
3246TT	66000-9	7/8" (22 mm)	36" (914 mm)



3246TT



Provides extra leverage when positioning steel members and aligning bolt holes



D228-8TT



D248-9STT



Split ring for tethering



D213-9NETT



D213-9STT



D201-7CSTT

Pliers with Tether Ring

- High-leverage designs. Rivet is closer to the cutting edge for greater cutting power than other plier designs
- Angled head design of the diagonal-cutting pliers allow for easy work in confined spaces
- Side-cutting pliers feature a streamlined design with sure-gripping, cross-hatched knurled jaws
- Cat. No. D248-9STT, D213-9STT and D201-7CSTT feature a hook-bend in the handle for added grip and leverage. Unique handle tempering helps absorb the “snap” when cutting wire.

Cat. No.	UPC Code 0-92644+	Nose Type	Jaw Length	Jaw Thickness	Jaw Width	Knife Length	Overall Length
High-Leverage Diagonal-Cutting Pliers							
D228-8TT	72037-6	—	13/16" (21 mm)	7/16" (11 mm)	1-3/16" (30 mm)	—	8-1/16" (205 mm)
D248-9STT	72049-9	—	13/16" (21 mm)	7/16" (11 mm)	1-3/16" (30 mm)	—	9-3/16" (233 mm)
High-Leverage Side-Cutting Pliers							
D213-9NETT	70104-7	New England	1-19/32" (41 mm)	5/8" (16 mm)	1-1/4" (32 mm)	25/32" (20 mm)	9-3/8" (238 mm)
D213-9STT	70087-3	Square	1-9/32" (33 mm)	5/8" (16 mm)	1-1/4" (32 mm)	25/32" (20 mm)	9-1/8" (232 mm)
D201-7CSTT	70102-3	Square	1-9/32" (33 mm)	1/2" (13 mm)	1-5/32" (29 mm)	5/8" (16 mm)	9-1/4" (235 mm)

Headlamp

- Anti-slip silicone strap keeps headlamp securely fastened to hard hat
- Strap comes pre-adjusted for quick fit to hard hat
- 45-degree tilt for varied beam direction to point light where it is needed most



Cat. No	UPC Code 0-92644-	Lumens	Run Time	Drop Height	Batteries
56220	56220-4	150 / 50	6 hrs / 10 hrs	6 ft.	3xAAA



Impact and water resistant

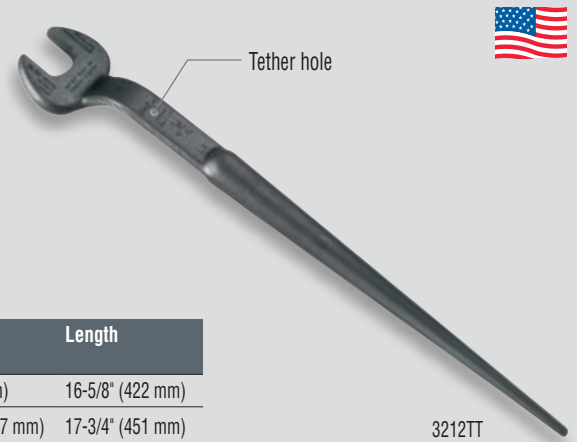
Spotlight **Two Modes:** Floodlight

	FL 1 STANDARD 150 Lumens 6h		FL 1 STANDARD 50 Lumens 10h
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Erection Wrenches with Tether Hole

- Forged from select alloy steel to withstand high-leverage and heavy loads
- Continuous taper of handle makes lining-up bolt holes easy and works on a range of bolt-hole sizes without binding
- Extra-large hub area works on larger diameter holes better than other wrenches
- Catalog number, bolt size and nominal opening size are stamped on every wrench for easy identification

Cat. No	UPC Code 0-92644-	Nut Type	Bolt Size	Nominal Opening	Head Width	Taper Diameter	Length
3212TT	68071-7	U.S. Heavy	3/4" (19 mm)	1-1/4" (32 mm)	2-1/2" (64 mm)	1" to 1/4" (25 mm to 6 mm)	16-5/8" (422 mm)
3213TT	68069-4	U.S. Heavy	7/8" (22 mm)	1-7/16" (37 mm)	3" (76 mm)	1-1/8" to 9/32" (29 mm to 7 mm)	17-3/4" (451 mm)
3214TT	68070-0	U.S. Heavy	1" (25 mm)	1-5/8" (41 mm)	3-5/8" (92 mm)	1-1/8" to 1/4" (29 mm to 6 mm)	18" (457 mm)



Adjustable Head Wrenches with Tether Hole

- Each wrench fits a variety of sizes of nuts and bolts
- Forged from select alloy steel
- Continuous-taper handle to help align bolt and rivet holes
- Industrial black finish for corrosion resistance
- Lanyard hole for easy tool tethering

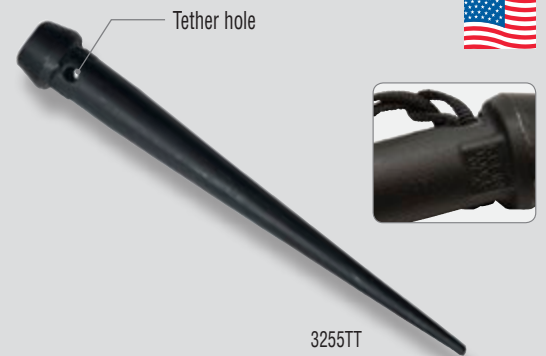
Cat. No	UPC Code 0-92644-	Description	Maximum Size Capacity	Length
3227	67017-6	10" (254 mm) Spud Wrench	1-5/16" (33 mm)	11" (279 mm)
3239	67095-4	16" (406 mm) Construction Wrench	1-1/2" (38 mm)	16" (406 mm)



Bull-Pins with Tether Hole

- Broad-head design provides larger striking surface and reduces chance of slipping from the hand when aligning holes
- Machined from quality alloy steel that is heat-treated for strength
- Rust resistant

Cat. No.	UPC Code 0-92644+	Material	Length	Point Diameter	Top Diameter
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)



Bull-Pin and Bolt Bags

- Bull pin loops on each side for easy access
- Double bottom provides additional strength
- Cat. No. 5416OCTO has two D-rings on the front of the pouch and four on the inside for plenty of space to connect tethers
- Cat. No. 5416TC and 5416TCP have drawstring closure on top

Cat. No	UPC Code 0-92644-	Belt Capacity	Belt Connection	Length	Width	Depth
5416OCTO	55387-5	up to 3" (76 mm) wide	loop	5" (127 mm)	9" (229 mm)	9" (229 mm)
5416TC	55229-8	up to 3" (76 mm) wide	tunnel	5" (127 mm)	9" (229 mm)	10" (254 mm)
5416TCP	20017-5	up to 3" (76 mm) wide	tunnel	5" (127 mm)	9" (229 mm)	12" (305 mm)



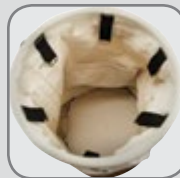
Load Rated Bucket with Connection Points

- Six small D-rings sewn to the interior of the bucket provide secure connection points for tethers
- Extra large hook to fit onto oversized rigging equipment
- Leather reinforced bottom
- Made of heavy-duty canvas to withstand harsh job site conditions
- Features web straps extending down the side for additional strength

**LOAD
RATED**
100 lbs. (45kg)



Cat. No	UPC Code 0-92644-	Height	Diameter
5104OCTO	61000-4	17" (432 mm)	12" (305 mm)



5104OCTO

Load Rated Top Closing Canvas Buckets

- Made of heavy-duty canvas to withstand harsh job site conditions
- Leather reinforced bottom extends 3" (76 mm) up the side
- Durable top ring maintains bucket shape
- 5104CLR17 and 5104CLR22 feature web straps extending down the side for additional strength

Cat. No.	UPC Code 0-92644-	Load Rating	Top Closure	Diameter	Height
5104CLR17	62017-1	150 lbs. (68 kg)	zipper	14" (356 mm)	17" (439 mm)
5104CLR22	62016-4	150 lbs. (68 kg)	zipper	14" (356 mm)	22" (559 mm)
5104VT	55285-4	100 lbs. (45 kg)	VELCRO®	12" (305 mm)	17" (432 mm)

VELCRO® is a registered trademark of Velcro Industries B.V.

⚠ WARNINGS: Completely close top before each use.



14" diameter accommodates standard 5 gallon bucket.

**LOAD
RATED**



5104CLR17

5104VT

5104CLR22

Vinyl Bucket Top

- Compatible with Klein Tools 5104 and 5109 series buckets
- Attaches with Velcro®
- Includes safety strap loop to ensure connection to bucket
- Bucket not included

Cat. No	UPC Code 0-92644-	Height	Diameter
51TOP	61000-4	3.5" (89 mm)	12.5" (318 mm)

VELCRO® is a registered trademark of Velcro Industries B.V.



51TOP



Flame-Retardant Storage



- Provides added protection when welding and grinding in the field
- Pouches meet the performance requirements of NFPA-701

Cat. No.	UPC Code 0-92644+	Belt Capacity	Belt Connection	Length	Width
#4 Flame-Retardant Canvas Bolt Bag					
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
#4 Flame-Retardant Electrode Bag					
5471FR	55530-5	15-1/2" (394 mm)	2-1/2" (64 mm)	12" (305 mm)	N/A



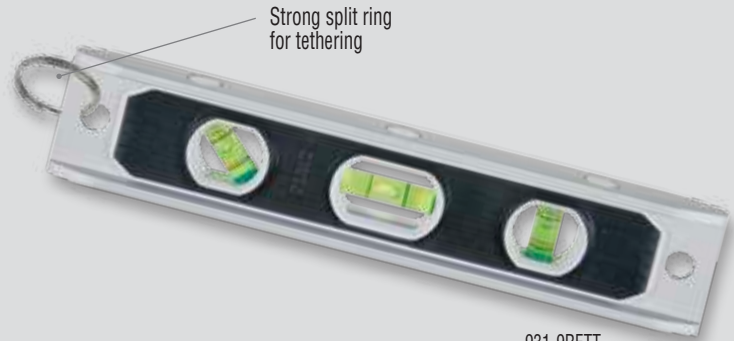
5416TFR



5471FR

Heavy-Duty Torpedo Level with Tether Ring

- Powerful rare-earth magnets, 10x stronger than strip magnets, hold firmly to iron and steel surfaces
- Three acrylic vials – plumb, level and 45° provide the necessary jobsite measurements
- Top read level window simplifies viewing in tight areas



931-9RETT

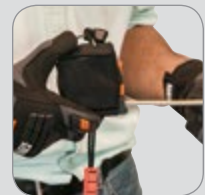
Cat. No.	UPC Code 0-92644+	Overall Length
931-9RETT	93000-3	9" (229 mm)

Tape Measure Holder with Tether Ring

- Elastic bottom and hook-and-loop closure ensure this holder will fit most 25' and 30' tape measures securely
- Includes D-ring on top for tethering
- Reinforced stitching to add strength



5195TT



Cat. No.	UPC Code 0-92644-	Overall Size
5195TT	55537-4	3" x 3.5" x 2" (76 mm x 89 mm x 50 mm)