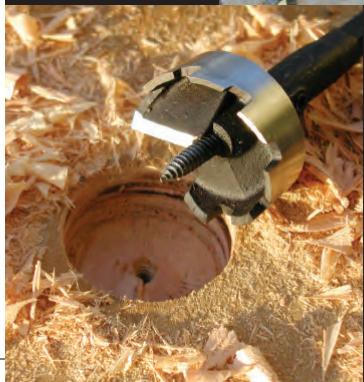
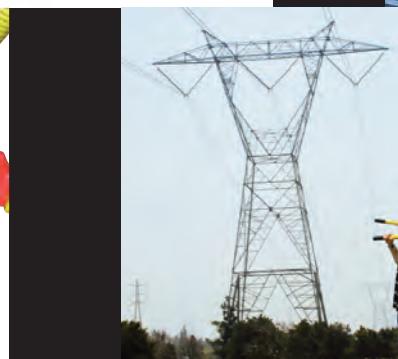


HIT®

The tools professionals use





HIT'S HISTORY

HIT manufacturer has been making most fine tools for professional traders in Japan since 1926. In the beginning, HIT only manufactured Adjustable Wrenches and Pipe Wrenches. Today HIT carries over 2,000 items of Hand Tools and has become one of the world's leading manufacturers of professional-quality Bolt Cutters, Cable Cutters, Wire Rope Cutters, Rebar Cutters, Pipe Wrench and many other Tools.

HIT'S STRIVES FOR QUALITY

It's not just a Cutter, it's HIT because HIT cuts faster and is more durable. If HIT tools are known for something, it is "quality". The HIT name on the products represents the manufacturer's promise that every tool is made to the highest possible standard and exceeds Federal Specifications.

PRIVATE LABEL AVAILABLE

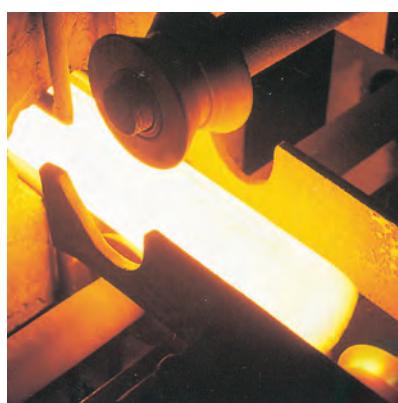
Today HIT tools OEM private labels for over 48 name brands around the world.

PROFIT TO THE DISTRIBUTOR

Along with outstanding products and service, HIT Tools maintains the most competitive pricing to cut the distributor's cost.

PROMPT SHIPPING

HIT does not have any red tape in processing and shipping your order. We maintain maximum inventory at our 120,000 sq.ft. North American Distributor Center with 99% of our orders filled in 24 hours.



Heating



Forging



Milling

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HEAVY DUTY BOLT CUTTER (Black Blade)



Replacement
Cutter Head Replacement
Black Jaws Clipper Cut

- For general purpose use, designed for cutting medium steel and soft bolts, nuts, rods, chain, and etc.
- Maximum hardness of material to be cut: Brinell 400/Rockwell C42.
- Jaws are made of drop forged high grade alloy tool steel with heat treated, precision cutting edges for longer cutting life.
- Exceeds U.S. Federal specification number GGG-C-740d Type II.

Stock No.	Overall Length	Jaw Type	CAPACITY		Replacement Cutter Head	Replacement Black Jaws
			Soft HRC15	Medium HRC42		
22-BC12H	12"	Clipper Cut	3/16" 5mm	3/16" 5mm	22-BC12B	22-BC12J
22-BC14H	14"	Clipper Cut	3/16" 8	1/4" 7	22-BC14B	22-BC14J
22-BC18H	18"	Clipper Cut	5/8" 10	5/16" 8	22-BC18B	22-BC18J
22-BC24C	24"	Clipper Cut	7/16" 11	3/8" HRC31	22-BC24CB	22-BC24CJ
22-BC30C	30"	Clipper Cut	1/2" 12	7/16" HRC31	22-BC-30CB	22-BC30CJ
22-BC36C	36"	Clipper Cut	9/16" 14	1/2" HRC31	22-BC-36CB	22-BC36CJ
22-BC24H	24"	Center Cut	7/16" 11	3/8" 10	22-BC24B	22-BC24J
22-BC30H	30"	Center Cut	1/2" 13	7/16" 11	22-BC30B	22-BC30J
22-BC36H	36"	Center Cut	5/8" 16	1/2" 13	22-BC36B	22-BC36J
22-BC42H	42"	Center Cut	3/4" 19	9/16" 14	22-BC42B	22-BC42J

HIGH TENSILE BOLT CUTTER (Red Blade)



Replacement
Cutter Head Replacement
Red Jaws Clipper Cut

- For general purpose use, designed for cutting medium steel and soft bolts, nuts, rods, chain, and etc.
- Maximum hardness of material to be cut: Brinell 455/Rockwell C48.
- Jaws are made of drop forged high grade alloy tool steel with heat treated, precision cutting edges for longer cutting life.
- Exceeds U.S. Federal specification number GGG-C-740d Type II.

21" BENCH CUTTER

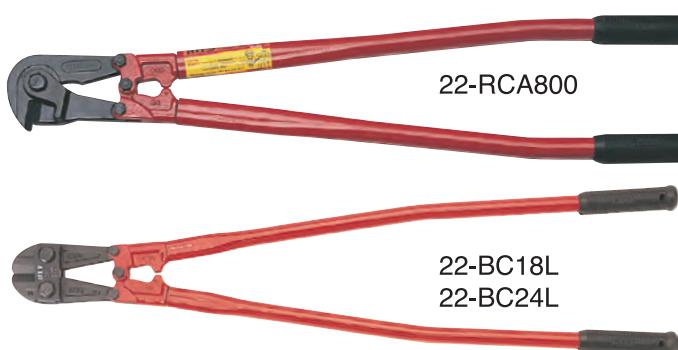
- Cuts soft, medium steel rod, non-alloy chain.
- Base measures 3" x 6" • Can be mounted to Bench



Stock No.	Overall Length	Jaw Type	CAPACITY		Replacement Cutter Head	Replacement Red Jaws
			Soft HRC15	Hard HRC48		
22-BC12R	12"	Clipper Cut	3/16" 5mm	5/32" 4mm	22-BC12RB	22-BC12RJ
22-BC14R	14"	Clipper Cut	5/16" 8	7/32" 5	22-BC14RB	22-BC14RJ
22-BC18R	18"	Clipper Cut	3/8" 10	9/32" 7	22-BC18RB	22-BC18RJ
22-BC24R	24"	Center Cut	7/16" 11	5/16" 8	22-BC24RB	22-BC24RJ
22-BC30R	30"	Center Cut	1/2" 13	3/8" 10	22-BC30RB	22-BC30RJ
22-BC36R	36"	Center Cut	5/8" 16	7/16" 11	22-BC36RB	22-BC36RJ
22-BC42R	42"	Center Cut	3/4" 19	1/2" 13	22-BC42RB	22-BC42RJ

Stock No.	Jaw Type	CAPACITY	Replacement Cutter Head	Replacement Black Jaws
22-BBC21	Center Cut	3/8" 31HRC	22-BC24B	22-BC24J

MESH CUTTER



- Specially designed extra long handles and light weight for overhead work such as cutting ceiling rail wire.
- Cuts mesh easily and user does not need to bend his back when cutting.
- Good for cutting soft steel.

Overhead cut



Cuts mesh

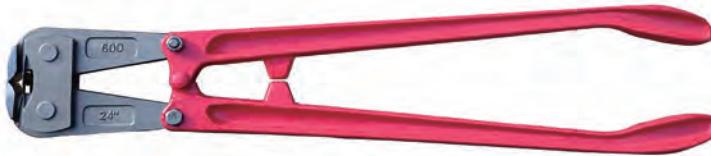
Cuts rebar



Easy on your back

Stock No.	Overall Length	Jaw Type	CAPACITY		Replacement Cutter Head	Replacement Black Jaws
			HRC15	HRC40		
22-RCA800	32"	Center Cut	3/8"	5/16"	22-RCA800B	-
22-BC18L	30"	Clipper Cut	5/16"	1/4"	22-BC18B	22-BC18J
22-BC24L	36"	Center Cut	3/8"	5/16"	22-BC24B	22-BC24J

24" END CUT NIPPER



- Forged end-cut blade and hardened gives flush cut and close cutting in confined spaces.
- Cuts soft materials up to 15 HRC
- Overall length 24"
- Net weight 6 Lbs



Blade



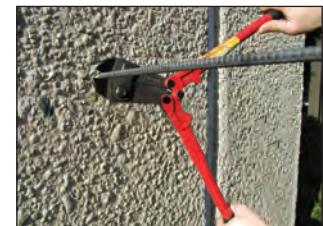
Flush cut

Stock No.	Jaw Type	Capacity	Replacement Blade
22-EC24	Nipper-cut	5/16" 15 HRC	22-EC24B

ANGULAR CUTTER



Flush cut

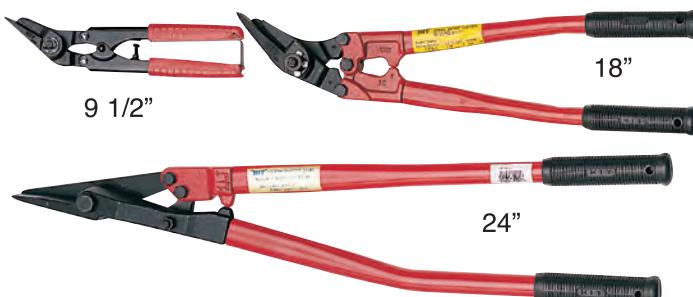


Flush cut

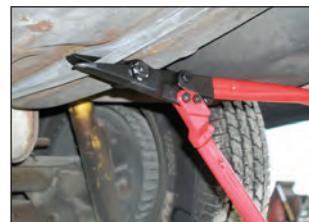
- Angular jaws with clipper-cut blades which have a 30° offset to keep work in view and hands clear of work surface while cutting.
- For flush cut on medium and soft materials.
- Maximum hardness of material to be cut: Brinell 300/Rockwell C31.
- Exceeds U.S. Federal specification number GGG-C-740d Type II.

Stock No.	Overall Length	Capacity HRC-31	Jaw Type	Piece Wt.	Replacement Cutter Head
22-AC14	14"	1/4"	Clipper Cut	2 1/2 Lb	22-AC14B
22-AC18	18"	5/16"	Clipper Cut	3 1/2 Lb	22-AC18B
22-AC24	24"	3/8"	Clipper Cut	6 1/2 Lb	22-AC24B
22-AC36	36"	1/2"	Clipper Cut	13 LB	22-AC36B

STEEL STRAP CUTTER



- Drop forged alloy steel blades with heat treatment.
- Blades have black oxide, rust-resistant finish.
- Sheer-cut blades give a clean, smooth and easy cut, excellent for pallets, loading and unloading cars, trucks, ship and metal recycling yards.



Cuts gas tank strap



Cuts pallet strap

Stock No.	Overall Length	Capacity Flat Strap	Piece Wt.
22-SS200	9 1/2'	1 1/8" x 0.030"	3/4 Lb
22-SS450	18"	2" x 0.047"	3 Lb
22-SS600	24"	2" x 0.05"	6Lb

HEAVY DUTY CHAIN CUTTER



- For cutting hard, non-alloy chain.
- Short-nosed jaws with high-tempered center-cut blades.
- Durable blades for tough cutting.
- Comfortable rubber handles for gripping firmly and safely.
- Maximum hardness of material to be cut: Brinell 455/Rockwell C48.

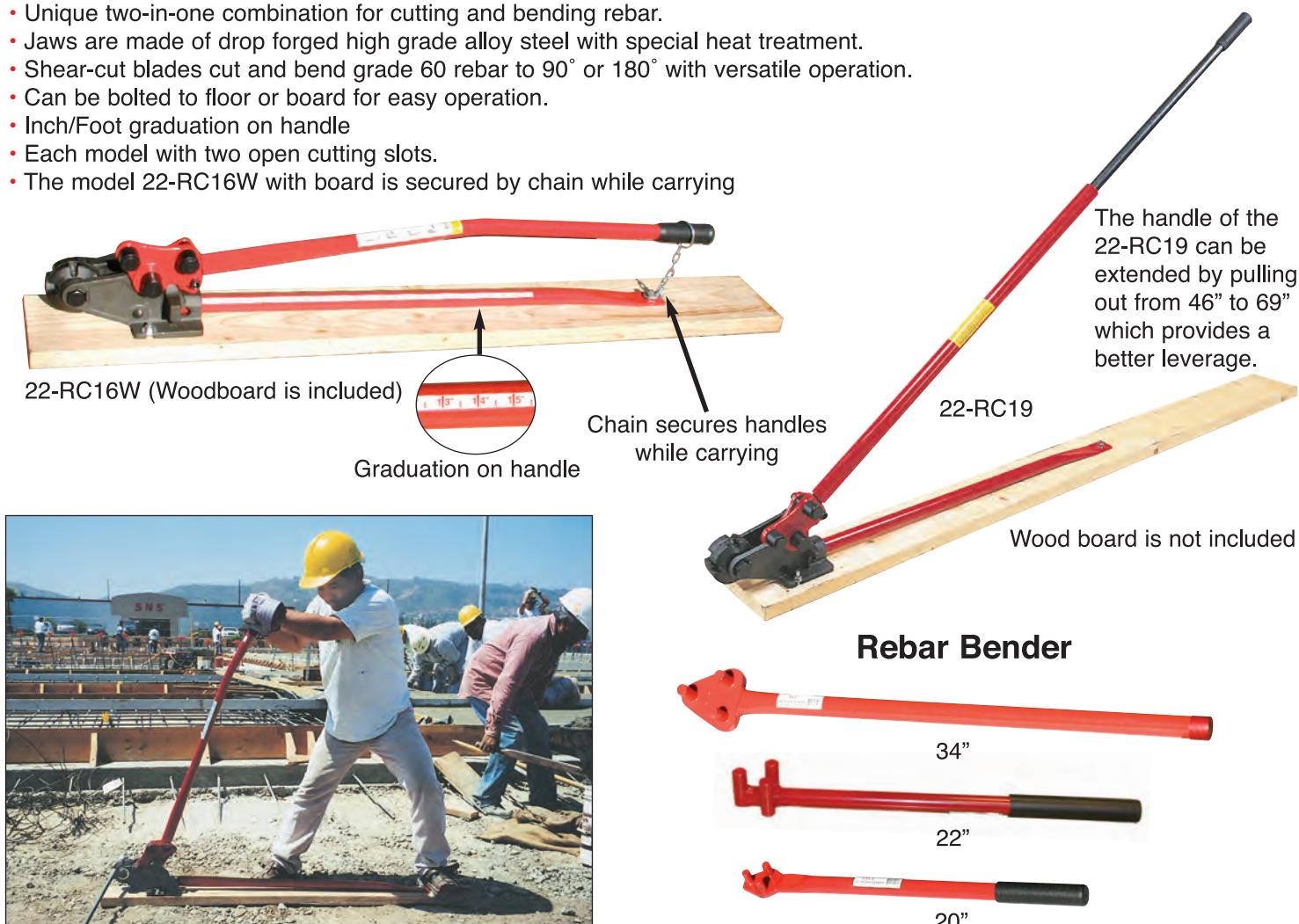


Cuts grade 70 chain

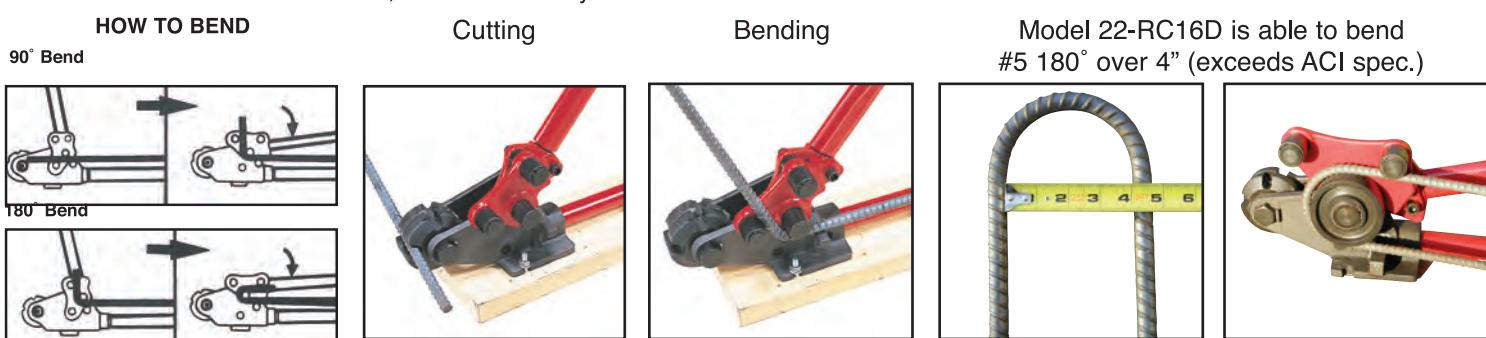
Stock No.	Overall Length	Capacity HRC-48	Piece Wt.	Replacement Cutter Head
22-CC24P	24"	5/16"	6 1/3 Lb	22-CC24PB
22-CC36P	36"	7/16"	14 Lb	22-CC36PB
22-CC42P	42"	1/2"	20 Lb	22-CC42PB

MANUAL REBAR CUTTER & BENDER

- Unique two-in-one combination for cutting and bending rebar.
- Jaws are made of drop forged high grade alloy steel with special heat treatment.
- Shear-cut blades cut and bend grade 60 rebar to 90° or 180° with versatile operation.
- Can be bolted to floor or board for easy operation.
- Inch/Foot graduation on handle
- Each model with two open cutting slots.
- The model 22-RC16W with board is secured by chain while carrying



Note: The 22-RC19 model cuts 1/2", 5/8" and 3/4" only.



Stock No.	Overall Length	Wood Board	Max. Capacity		Net Weight	Replacement Cutter Head	
			Cutting	Bending		Stock No.	Piece Weight
22-RB20	20"	--	--	3/8"	2 1/2 Lbs	--	--
22-RB22	22"	--	--	1/2"	3 Lbs	--	--
22-RB34	34"	--	--	5/8"	6 Lbs	--	--
22-RC13B	42"	No	1/2"	1/2"	23 Lbs	22-RC13BB	6 Lbs
22-RC16B	52"	No	5/8"	5/8"	35 Lbs	22-RC16BB	9 Lbs
22-RC16W	60"	Yes	5/8"	5/8"	47 Lbs	22-RC16BB	9 Lbs
22-RC16D	52"	No	5/8"	5/8" meet ACI	39 Lbs	22-RC16BB	9 Lbs
22-RC16DW	60"	Yes	5/8"	5/8"	51 Lbs	22-RC16BB	9 Lbs
22-RC19	57"	No	3/4"	5/8"	55 Lbs	22-RC19BB	13 Lbs
22-RC19W	85"	Yes	3/4"	5/8"	66 Lbs	22-RC19BB	13 Lbs

CORDLESS REBAR CUTTER

- HIT 18V Cordless Rebar Cutter only weighs 10.5 lbs. It can be carried to the job site and can be used overhead.
- The small cutting head rotates 360 degrees and can work in the tightest area by one hand.
- Max capacity: #5 (5/8") grade 60.
- Charging time: 14 minutes only
- Comes with Battery, Charger, Wrench and Carrying case.



29-PCL19



29-PCL16N

ELECTRIC REBAR CUTTERS

- HIT Electric/Hydraulic Rebar Cutters cut more quickly, easily and safely than torches, abrasives, saw blades and manual cutters.
- Portable and compact, can be carried to the job site and used for overhead.
- Easily cuts Rebar grade 60 from #5(5/8") to #9(1 1/8") in seconds depending on the models.
- Comes with Carrying case.



29-PMC16N



29-PMC19

ELECTRIC REBAR BENDERS

- HIT Rebar Bender designed for portable and accurate bending.
- Bending angle can be selected from 0 to 180 degrees.
- Extremely simple to operate. Emergency stop button and flush mounted start button for safety.
- Motor only runs during bending operation with low noise.
- Rollers and collars in a variety of diameters are included for bending different sizes of the bars.
- Foot pedal and stand are optional, tool kit included.



29-RB25-6

COMBINATION REBAR CUTTER / BENDER

- The two in one compact and portable union is designed for rebar production shops.
- Rollers and collars in a variety of diameters are included for binding different sizes of the bars.
- Foot pedal and stand are optional, tool kit included.



29-RCB25-6



Cutting



Cutting



Bending



Cutter

Electric Rebar Cutter and Bender

Rebar Cutter (Electric/Hydraulic)				
Model No.	29-PCL16N	29-PCL19	29-PMC16N	29-PMC19
Max. Cutting Capacity	#5 (5/8")	#6 (3/4")	#5 (5/8")	#6 (3/4")
Cutting Speed	5 Seconds	8 Seconds	1.5 Seconds	2.5 Seconds
Voltage	18V 3.0Ah	18V 3.0Ah	115V 50/60Hz	115V 50/60Hz
AMPS	---	---	8.2 AMPS	11 AMPS
Net Weight	14.3 lbs	22 lbs	10.4 lbs	26 lbs
Dimensions (LxWxH)	14 1/2" x 4" x 11 1/2"	16 3/4" x 4 3/8" x 11 1/2"	12 3/4" x 2 1/2" x 10"	17" x 5" x 9"
Rebar Bender (Electric/Mechanical)				
Model No.	29-RB13	29-RB16	29-RB19N	29-RB25-6
Max. Cutting Capacity	---	---	---	---
Cutting Speed	---	---	---	---
Bending Speed	3.8 Seconds/ 180°	3 Seconds/ 180°	3.5 Seconds/ 180°	8 Seconds/ 180°
Max. Bending Angle	180°	180°	180°	180°
Max. Bending Capacity	#4 (1/2")	#5 (5/8")	#6 (3/4")	#8 (1")
Voltage	115V 50/60Hz	115V 50/60Hz	115V 50/60Hz	115V 50/60Hz
AMPS	3 AMPS	4 AMPS	7.3 AMPS	7.3 AMPS
Net Weight	30 lbs	53 lbs	92 lbs	187 lbs
Dimensions (LxWxH)	8 5/8" x 8 1/4" x 6 3/4"	11" x 9 1/2" x 9 5/8"	14" x 14" x 15"	18" x 18 1/2" x 19"
Rebar Cutter & Bender (Electric/Mechanical)				STAND 55-ST1 23" L X 17" W X 25" H for 1" 55-ST34 22" L X 13" W X 25" H for 3/4" 55-ST1L 18" L X 17" W X 25" W for large 1"
Model No.	29-RCB25-6		FOOT PEDAL 55-FP	
Max. Cutting Capacity	#8(1")			
Cutting Speed	5 Seconds			
Bending Speed	8 Seconds/180°			
Bending Angle	180°			
Max. Bending Capacity	#8(1")			
Voltage	115v 50/60Hz			
AMPS	Cutting:9.6 AMPS Bending:7.4 AMPS			
Net Weight	356bs			
Dimensions (LxWxH)	23"x24 1/4" 19"			

Electric Rebar Cutter and Bender

Rebar Cutter			
Model No.	29-PMC25-6	29-PMC25W-6	29-PMC32-6
Max. Cutting Capacity	#8 (1")	#8 (1")	#10 (1 1/4")
Cutting Speed	5 Seconds	1 Seconds	1 Seconds
Voltage / Phase	110V / 1 Phase	220V / 3 Phase	220V / 3 Phase
AMPS / H.P.	12 AMPS / 2.5 H.P.	6.8 AMPS / 2 H.P.	10 AMPS / 3 H.P.
Net Weight	48 lbs	264 lbs	1,212 lbs
Dimensions (LxWxH)	19" x 5 1/2" x 10"	28 1/2" x 20 7/8" x 25"	18 7/8" x 23 5/8" x 36 1/4"
Rebar Bender			
Model No.	29-RB25-6	29-RB32-6	
Max.Bending Capacity	7/8" Grade 60 / 1" Grade 40	1 1/8" Grade 60 / 1 1/4" Grade 40	
Bending Speed	6 Seconds / 180°	6 Seconds / 180°	
Max. Bending Angle	180°	180°	
Voltage / Phase	110V / 1 Phase	110V / 1 Phase	
AMPS / H.P.	10 AMPS / 3 H.P.	20 AMPS / 6 H.P.	
Net Weight	250 lbs	435 lbs	
Dimensions (LxWxH)	17 3/4" x 15 3/4" x 13 3/4"	25 1/8" x 22 1/2" x 22 1/2"	

PRESTO REBAR TIER (STAND-UP TYPE)

- Versatile Design allows you to easily change the handle from vertical to horizontal working position to suit your needs.
- Double tie wraps of strong 18 gauge wire save time and money. Consistent ties, no wire waste and only 1.6 seconds a tie.
- Standard wire guide ties #8 x #8 rebars, ties up to #10 x #10 rebars when use 29-RT-83 wire guide ties.

Stock No.	Product	Weight
29-RT-1	12V Rebar Tier	9 Lb
29-RT-76	Ni-Cd Battery	1.4 Lb
29-RT-77	Charger	1.5 Lb
29-RT-S	Spool (40 pcs/case)	30 Lb
29-RT-80	Wire Guide (#3 x #4)	0.6 Lb
29-RT-82	Wire Guide (#8 x #8)	0.7 Lb
29-RT-83	Wire Guide (#10 x #10)	1.0 Lb



Vertical

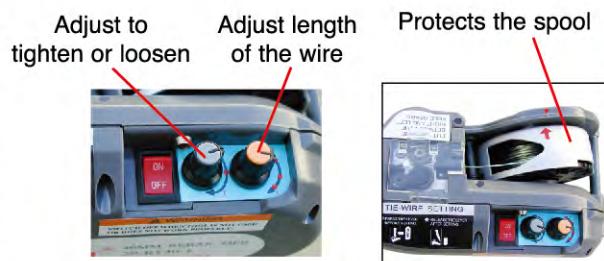


Horizontal

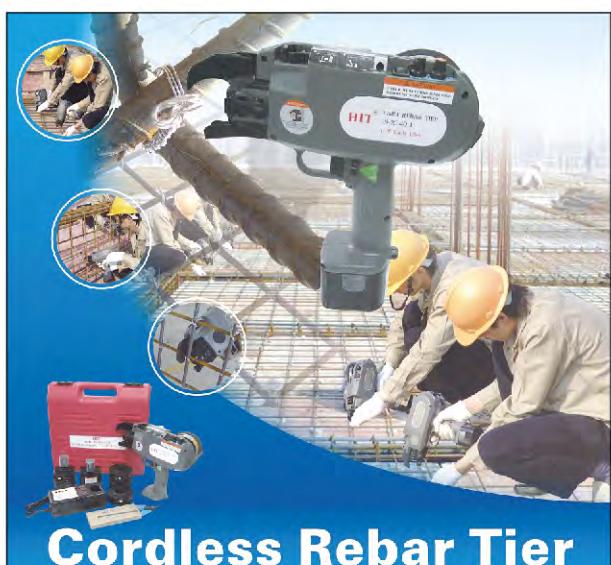
REBAR TIER

- 9.6 V. compact body and light weight, 6 Lbs only with spool and battery.
- Three wraps with 19 gauge steel wire and electro galvanized wire, ties 140 ties per coil depending on the size of the rebar.
- Save time and money, increase job productivity, much faster than manual tying, less than 0.9 second per tie.
- Reduces the risk of Carpal Tunnel Syndrome and other work related musculoskeletal disorders.

Stock No.	Product	Rebar Size Min.	Max.	Wire	Weight With B & S
29-RT24	Rebar Tier	mesh x mesh	#3 x #3	Galv	5.5 Lb
29-RT40	Rebar Tier	#3 x #3	#5 x #6	Galv	6.0 Lb
29-RT40N	Rebar Tier	#3 x #3	#5 x #6	Poly	6.0 Lb
29-RT40-B	Ni-Mh Battery	---	---	---	1.3 Lb
29-RT40-C	Charger	---	---	---	0.9 Lb
29-RT40-S	Spool (40pc/case)	---	---		42 Lb
29-RT40N-SP	poly spool(40/c)	---	---	Poly	42 Lb



Three wraps

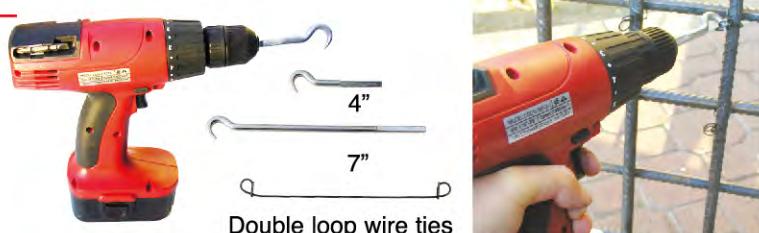


Cordless Rebar Tier

REBAR TYING HOOKS

- Use double loop wire ties and a cordless drill to tie the rebar.
- Simple, low cost and easy to use.

Stock No.	Size	Peace/Pack	Pack Weight
22-WTH4	4"	10	3/4 Lbs
22-WTH7	7"	10	2 Lbs



MAGNETIC DRILL



29-MD35



29-MD40



29-MD50



Can bore as narrow as 3" H steel



Bore on pipe



Drill fast with precision



Lights up the position of drilling and center pin



Cutting coolant reservoir is detached on 29-MD40 and 29MD50



Handle can be freely operated and attached to the right or left side

	29-MD35	29-MD40	29-MD50
Electrical System	115 V. 50/60 Hz 5.7 AMP 1000W	115 V. 50/60 Hz 5.7 AMP 660W	115 V. 50/60 Hz 5.7 AMP 670W
Speed	390R.P.M.	680 R.P.M.	350 R.P.M.
Hole Capacity	1/2" - 1 3/8"	1/2 - 1 9/16"	11/16"-2"
Cutter Shank	3/4"	3/4"	3/4"
Magnet Base	6 1/4" x 2 3/4"	6 1/4" x 2 3/4"	7 1/2" x 3 1/2"
Max. Magnet	3360Lbs	1432 Lbs	1978 Lbs
Max. Depth	1 3/8"	2"	2"
Net Weight.	22.4lbs	22 lbs	34.1 lbs

ELECTRO-HYDRAULIC HOLE PUNCHER

- HIT Hole Puncher can punch more holes, more often in many places.
- There is no messy drill debris, no broken drill, and no dull drill.
- Can Punch square, round, and oblong holes.
- Compact and single body construction, light weight and easy to carry.
- Reduces costs over conventional drilling methods.
- Punch Clean and Accurate Holes holes in as little as 1.2 seconds.
- Punch automatically returns to the starting position.
- An ideal tool for construction, HVAC contractors, welding shops, electrical, ship building, etc.

	29-HP20	29-HP20H
Electrical System	115 V. 50/60 Hz 900W	115 V. 50/60 Hz 900W
Maximum Hole size-Round	25/32"	25/32"
Maximum Thickness-Round	19/64"	3/8"
Maximum Hole size-Oblong	9/16" x 13/16"	9/16" x 13/16"
Maximum Thickness-Oblong	5/32"	3/8"
Maximum Punch Throat Depth	2 5/32"	2 5/32"
Net Weight With Stand	19.8 lbs	31.9 lbs
Thickness of Plate		
A DIE	5/64"-1/8"	5/64"-1/8"
B DIE	5/32"-1/4"	5/32"-1/4"
C DIE	----	9/32"-3/8"



29-HP20



29-HP20H

Hole Type



29-HP20 Beam Types for punching



Channel Flat Bar Lip Channel Angle H-Steel

HAND SWAGERS

- The new HIT Hand Swagers are designed for crimping Copper and Aluminum Oval Sleeves and Stop Sleeves.
- Jaws are made of forged alloy steel with heat treatment which assures a tight and clean compression on each crimping.
- A cutter is also available on model 14", 24", and 30". The specially designed cutter gives clean and sharp cut on wire rope.
- Each swager comes with a gauge.



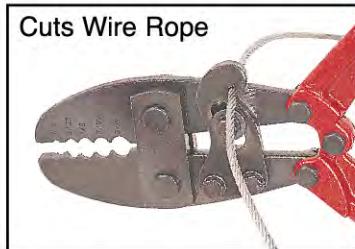
22-ST9



22-ST14



22-ST14C



Cuts Wire Rope



Eye Splices Wire Rope



22-ST9-G



22-ST-G



22-ST-G3



GAUGES



22-ST20



22-ST24



22-ST24C



22-ST28



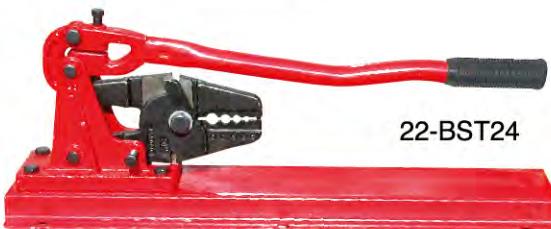
22-ST30



22-ST30C



22-ST36



22-BST24



22-BST21

Stock No.	Overall Length	Max. Cutting	Crimping Capacity		Net. Weight	Replacement Swager head
			Oval Sleeves	Stop Sleeves		
22-ST9	10"	--	1/32", 3/64", 1/16"	1/32", 3/64", 1/16"	1 Lb	22-ST9B
22-ST14	14"	--	1/16", 3/32", 1/8"	1/16", 3/32", 1/8", 5/32", 3/16", 7/32"	2 1/3 Lbs	22-ST14B
22-ST14C	14"	1/8"	1/16", 3/32", 1/8"	1/16", 3/32", 1/8", 5/32", 3/16", 7/32"	2 1/2 Lbs	22-ST14CB
22-ST20	20"	--	1/8", 1/16", steel rail		4 1/2 Lbs	22-ST20B
22-ST24	24"	--	1/16", 3/32", 1/8", 5/32", 3/16"	1/16", 3/32", 1/8", 5/32", 3/16", 7/32"	6 1/2 Lbs	22-ST24B
22-ST24C	24"	7/32"	1/16", 3/32", 1/8", 5/32", 3/16"	1/16", 3/32", 1/8", 5/32", 3/16", 7/32"	6 3/4 Lbs	22-ST24CB
22-ST28	28"	--	1/4"	1/4", 9/32", 5/16"	7 Lbs	22-ST28B
22-ST30	30"	--	5/32", 1/4", 5/16"	1/4", 9/32", 5/16"	9 1/3 Lbs	22-ST30B
22-ST30C	30"	5/16"	5/32", 1/4", 5/16"	1/4", 9/32", 5/16"	10 Lbs	22-ST30CB
22-ST36	36"	--	3/8"	13/32"	13 1/2 Lbs	22-ST36B
22-BST21	21"	7/32"	1/16", 3/32", 1/8", 5/32", 3/16"	1/16", 3/32", 1/8", 5/32", 3/16", 7/32"	11 Lbs	22-ST24CB
22-BST24	22"	3/16"	1/16", 3/32", 1/8", 5/32", 3/16"	1/16", 3/32", 1/8", 5/32", 3/16", 7/32"	13 Lbs	22-BST24B

Heavy Duty Wire Rope Cutter

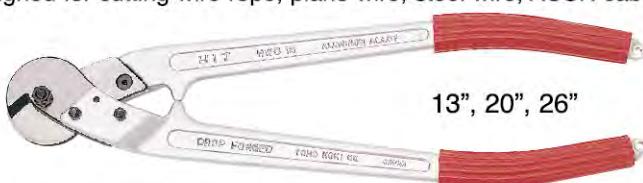
- Notched, shear-cut blades hold and lock cable in cutting position and give a clean cut.
- Designed for cutting wire rope, piano wire, steel wire, ACSR cable and aircraft cable.



Stock No.	Overall Length	Capacity		Case Pack	Piece Weight	Replacement Cutter head
		Wire Rope	Steel Wire			
22-WC14	14"	1/4"	1/8"	1	2 Lb	22-WC14B
22-WC24	24"	3/8"	1/4"	1	5 1/4 Lb	22-WC24B
22-BWC21	21" Bench	3/8"	1/4"	1	9 Lb	22-WC24B
22-WC30	30"	9/16"	5/16"	1	8 1/2 Lb	22-WC30B
22-WC36	36"	5/8"	11/32"	1	12 Lb	22-WC36B
22-WC42	42"	3/4"	3/8"	1	18 3/4 Lb	22-WC42B

Aluminum Handle Wire Rope Cutter

- Shear-Cut blades give a clean, sharp cut.
- Designed for cutting wire rope, piano wire, steel wire, ACSR cable and aircraft cable.



Stock No.	Overall Length	Capacity				Case Pack	Piece Weight	Replacement Cutter head
		Wire Rope	Piano Wire	Steel Wire	ACSR			
22-WRC75	7 1/2"	1/4"	3/32"	5/32"	-	60	1 Lb	-
22-WRC13	13"	11/32"	5/32"	1/4"	25mm ²	1	2 Lb	22-WRC13B
22-WRC20	20"	1/2"	3/16"	9/32"	58mm ²	1	3 3/4 Lb	22-WRC20B
22-WRC26	26"	5/8"	7/32"	11/32"	120mm ²	1	5 3/4 Lb	22-WRC26B

ACSR, Wire Rope and Cable Cutter

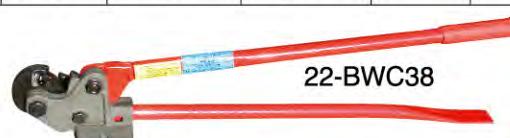
- An economical tool for general cutting.
- Shear-cut blades.
- Cuts soft and hard steel cable, wire rope, and small ACSR cable.



Stock No.	Overall Length	Capacity					Case Pack	Piece Weight
		Aluminum / Copper	Wire Rope	ACSR	Piano Wire	Soft Rod		
22-WC16	28"	1"	5/8"	7/16"	1/8"	5/16"	1	5 Lbs

BENCH WIRE ROPE CUTTER

- Notched, shear-cut blades hold and lock cable in cutting position.
- Shear-cut blades give a clean and sharp cut.
- Do not cut solid bar, Guy Wire, Rebar, or self-support strand.
- Can be mounted on work bench for production purpose.



Stock No.	Capacity		Length	Weight	Replacement Blades
	Wire Rope	Steel Wire			
22-BWC38	3/8"	1/4"	29"	9 Lb	22-BWC38B
22-BWC12	1/2"	9/32"	35"	15 Lb	22-BWC12B



12 TON BATTERY COMPRESSING TOOL

- Designed for one-hand operation in overhead job.
- Jaw Opening 1.73" (44mm), accepts mid-span copper and aluminum splices and lugs up to 750MCM Cu and Al.
- Accepts all U-type dies.
- 180 degrees rotating head.
- 14.4 V Li-ion battery, charger and carrying case is included.
Stock No. 29-CT12 Weight 15 Lbs Length 14 1/4"



12 TON HYDRAULIC COMPRESSION TOOL

- Fiberglass handles are durable and light-weighted.
- With pressure relief valve for overload protection.
- Accommodates all U-type dies.
- Automatic low/high-pressure conversion with rapid/slow motion.
- 180 degrees rotating head for convenient operation.
- Crimps Lugs and Splices up to 750MCM Al and Cu
- Jaw Opening 1.65" Length 26" Weight 12 Lbs.
Stock No. 22-HC51042 With carrying case



WIRE ROPE DIES -12 Ton U-Type Compression Dies

Stock No.	Aluminum	Copper
22-D18AC	1/8"	1/8"
22-D316AC	3/16"	3/16"
22-D14AC	1/4"	1/4"
22-D516AC	5/16"	5/16"
22-D38AC	3/8"	3/8"
22-D716A12C	7/16"	1/2"
22-D716C	7/16"	7/16"
22-D12A	1/2"	---



22-DC6 case for 6-pc die; 22-DC15 case for 15-pc die; Die Case is optional.

8 TON HYDRAULIC CABLE CUTTER

- Designed for one-hand operation tool.
- 180 degrees rotating head. * Overload bypass protection
- Cutting Capacity:
Wire Rope: 6 X 7 23/32"(18mm); 6 X 12 15/16"(24mm)
Soft Steel Bar: 3/4" (20mm); Grade 40 Rebar 5/8"(16mm)
Copper Strands: 15/16"(24mm); ACSR 15/16"(24mm)
Guy Wire: 1 X 7, 1 X 19 3/4" (20mm)
- Do NOT cut hardened steel rods.
- 14.4 V Li-ion battery, charger and carrying case is included.
Stock No. 22-HC24 Weight 13 Lbs



8 TON BATTERY CABLE CUTTER

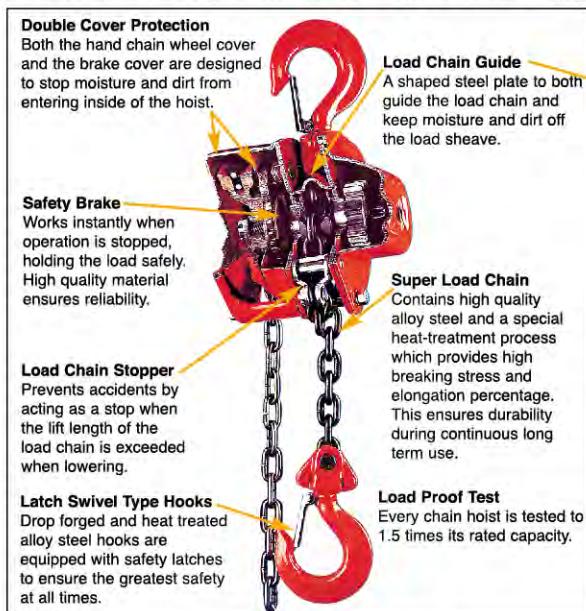
- Flip-top latching head.
- 180 degrees rotating head.
- Cutting Capacity:
Wire Rope: 6 X 7 23/32"(18mm); 6 X 12 15/16"(24mm)
Soft Steel Bar: 3/4" (20mm); Grade 40 Rebar 5/8"(16mm)
Cu & Al Strands: 15/16"(24mm); ACSR 15/16"(24mm)
Guy Wire: 1X7, 1X19 3/4"(20mm)
- Do NOT cut hardened steel rods.
- 18V Li-ion battery, charger and carrying case is included.
Stock No. 29-CC24 Length 14" Weight 9 Lbs



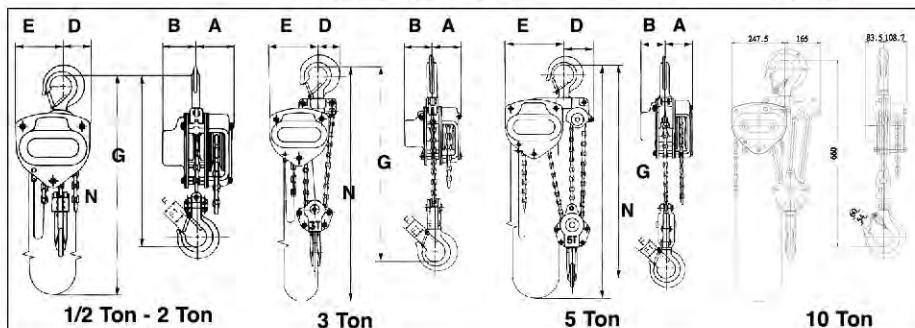
Heavy Duty
H-100 Series

MANUAL CHAIN HOIST

- All steel construction, compact and lightweight for maximum strength.
- Ideal for construction, industrial lifting, rigging and manufacturing operations.
- High tensile alloy steel load chain is heat treated for safety, durability.
- Chrome plated hand chain to protect against rust and corrosion.
- Load chain stopper to avoid over lowering.
- Hand chain wheel and brake are covered to prevent dirt, dust and moisture.
- Load chain cover acts as a chain guide to stop dirt and dust from entering inside.
- Powder coat painted against rust. Gears are made of chrome molybdenum steel.
- Two safety hooks are forged and designed to bend slowly to warn of overload.
- Each HIT chain hoist is load tested to 1.5 times of rated load. Meets OSHA and AMSE/ANSI B30.16 standards. TÜV Rheinland approved.



1/2 Ton - 2 Ton 3 Ton 5 Ton 10 Ton



SPECIFICATIONS & DIMENSIONS

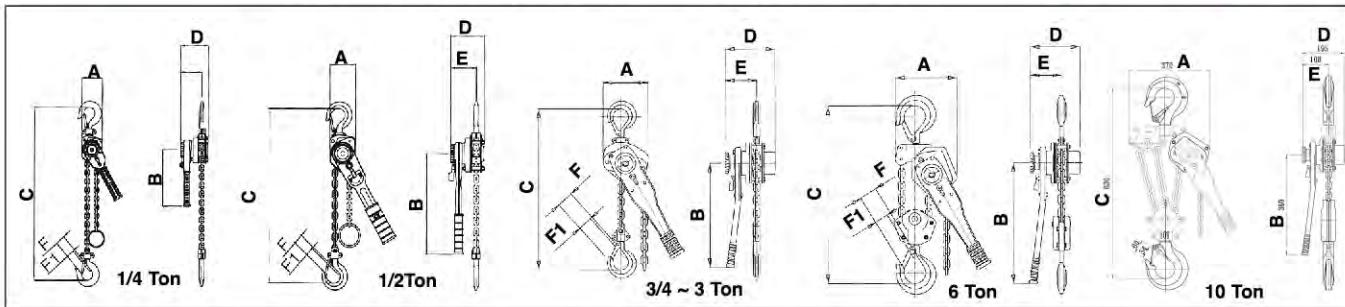
Stock No.	Cap. (Tons)	Standard Lift (Ft)	Load Chain Dia. (mm)	No. of Load Chain Falls	Pull To	Head										Net Weight (Lbs)	Shipping Weight (Lbs)
16-CH05H	1/2	10	6.3	1	46	12	3 1/2	2 5/8	2	3 1/8	124	1 1/8	1	12	23	24	
16-CH05H15	1/2	15	6.3	1	46	12	3 1/2	2 5/8	2	3 1/8	183	1 1/8	1	12	29.7	30.6	
16-CH05H20	1/2	20	6.3	1	46	12	3 1/2	2 5/8	2	3 1/8	242	1 1/8	1	12	35.4	37.4	
16-CH05H30	1/2	30	6.3	1	46	12	3 1/2	2 5/8	2	3 1/8	360	1 1/8	1	12	47.3	49.3	
16-CH1H	1	10	6.3	1	55	13 3/8	3 1/2	2 5/8	2 1/2	3 1/8	124	1 1/4	1 1/8	13 1/8	24	26	
16-CH1H15	1	15	6.3	1	55	13 3/8	3 1/2	2 5/8	2 1/2	3 1/8	183	1 1/4	1 1/8	13 1/8	31.5	33.5	
16-CH1H20	1	20	6.3	1	55	13 3/8	3 1/2	2 5/8	2 1/2	3 1/8	242	1 1/4	1 1/8	13 1/8	37	39	
16-CH1H30	1	30	6.3	1	55	13 3/8	3 1/2	2 5/8	2 1/2	3 1/8	360	1 1/4	1 1/8	13 1/8	48.6	50.6	
16-CH1H40	1	40	6.3	1	55	13 3/8	3 1/2	2 5/8	2 1/2	3 1/8	480	1 1/4	1 1/8	13 1/8	60	64	
16-CH1H50	1	50	6.3	1	55	13 3/8	3 1/2	2 5/8	2 1/2	3 1/8	600	1 1/4	1 1/8	13 1/8	72	76	
16-CH112H	1 1/2	10	7.1	1	70	15 1/8	3 5/8	2 7/8	3	4 1/8	124	1 1/2	1 3/8	15 1/8	34	36	
16-CH112H15	1 1/2	15	7.1	1	70	15 1/8	3 5/8	2 7/8	3	4 1/8	183	1 1/2	1 3/8	15 1/8	42	44	
16-CH112H20	1 1/2	20	7.1	1	70	15 1/8	3 5/8	2 7/8	3	4 1/8	242	1 1/2	1 3/8	15 1/8	48.6	50.8	
16-CH112H30	1 1/2	30	7.1	1	70	15 1/8	3 5/8	2 7/8	3	4 1/8	360	1 1/2	1 3/8	15 1/8	61.5	63.7	
16-CH2H	2	10	8.0	1	75	16 1/2	3 7/8	3	3 3/8	4 1/2	105	1 11/16	1 1/2	16 1/2	43	45	
16-CH2H15	2	15	8.0	1	75	16 1/2	3 7/8	3	3 3/8	4 1/2	164	1 11/16	1 1/2	16 1/2	51.4	54.3	
16-CH2H20	2	20	8.0	1	75	16 1/2	3 7/8	3	3 3/8	4 1/2	223	1 11/16	1 1/2	16 1/2	59	62	
16-CH2H30	2	30	8.0	1	75	16 1/2	3 7/8	3	3 3/8	4 1/2	341	1 11/16	1 1/2	16 1/2	73.6	76.5	
16-CH2H40	2	40	8.0	1	75	16 1/2	3 7/8	3	3 3/8	4 1/2	461	1 11/16	1 1/2	16 1/2	91	95	
16-CH2H50	2	50	8.0	1	75	16 1/2	3 7/8	3	3 3/8	4 1/2	581	1 11/16	1 1/2	16 1/2	108	112	
16-CH3H	3	10	7.1	2	75	18 1/4	3 5/8	2 7/8	2 3/8	6	105	1/4	1 11/16	1 1/2	18 1/4	51	54
16-CH3H15	3	15	7.1	2	75	18 1/4	3 5/8	2 7/8	2 3/8	6	164	1/2	1 11/16	1 1/2	18 1/4	62	66
16-CH3H20	3	20	7.1	2	75	18 1/4	3 5/8	2 7/8	2 3/8	6	223	1 11/16	1 1/2	18 1/4	72	75.8	
16-CH3H30	3	30	7.1	2	75	18 1/4	3 5/8	2 7/8	2 3/8	6	341	1/2	1 11/16	1 1/2	18 1/4	91.7	95.4
16-CH5H	5	10	8.0	3	81	22 5/8	3 7/8	3	4 3/4	8 1/4	108	1/4	2 1/2	2	22 5/8	83	87
16-CH5H15	5	15	8.0	3	81	22 5/8	3 7/8	3	4 3/4	8 1/4	167	1/3	2 1/2	2	22 5/8	101	105.6
16-CH5H20	5	20	8.0	3	81	22 5/8	3 7/8	3	4 3/4	8 1/4	226	1/2	2 1/2	2	22 5/8	117.3	122.4
16-CH5H30	5	30	8.0	3	81	22 5/8	3 7/8	3	4 3/4	8 1/4	344	1/2	2 1/2	2	22 5/8	149.6	156
16-CH10H	10	10	10	3	88	26	4 1/4	3 3/8	6 1/2	9 3/4	107	2 3/8	2 1/8	26	138	147	
16-CH10H15	10	15	10	3	88	26	4 1/4	3 3/8	6 1/2	9 3/4	167	2 3/8	2 1/8	26	163	172	
16-CH10H20	10	20	10	3	88	26	4 1/4	3 3/8	6 1/2	9 3/4	214	2 3/8	2 1/8	26	188	198	
16-CH10H30	10	30	10	3	88	26	4 1/4	3 3/8	6 1/2	9 3/4	321	2 3/8	2 1/8	26	238	247	

WARNING: Hoists are not for lifting or transporting people or lifting load over people. Before installation, read operating instruction for additional warnings and precautions. Not for use in explosive environment.

Heavy Duty
H-100 Series

LEVER HOIST

- Designed for construction and industrial lifting and pulling.
- Rugged steel body construction, lightweight, compact and portable.
- Powder coat painted to protect against rust and corrosion.
- High tensile alloy steel chain is heat treated for safety and low-wear. Shock resistant gear case and brake cover.
- Safe and reliable mechanical break is designed to work trouble-free.
- The two forged hooks are designed to bend slowly to warn of overload. Each HIT lever hoist is load tested to 1.5 times of rated load. Meets OSHA and AMSE/ANSI HST-3M and B30.21 standards. TÜV Rheinland approved.



Stock No.	Cap. (Tons)	Standard Lift (Ft)	Pull To Lift Load (Lbs)	Load Chain Dia. (mm)	No. of Load Chain Falls	A (Inch)	B (Inch)	C (Inch)	D (Inch)	E (Inch)	F (Inch)	F1 (Inch)	Net Weight (Lbs)	Shipping Weight (Lbs)
16-LB025H	1/4	5	66	4	1	2 3/8	6 1/4	9 5/8	3 1/4	2 1/2	1	7/8	4.4	4.7
16-LB025H10	1/4	10	66	4	1	2 3/8	6 1/4	9 5/8	3 1/4	2 1/2	1	7/8	5.0	5.5
16-LB05H	1/2	5	75	5	1	3	10 7/8	10 5/8	4	3	1 1/4	1	10	8.6
16-LB05H10	1/2	10	75	5	1	3	10 7/8	10 5/8	4	3	1 1/4	1	12	12.0
16-LB05H15	1/2	15	75	5	1	3	10 7/8	10 5/8	4	3	1 1/4	1	13	15
16-LB05H20	1/2	20	75	5	1	3	10 7/8	10 5/8	4	3	1 1/4	1	16	18
16-LB34H	3/4	5	48	6.3	1	5	9 1/2	10 7/8	6 1/4	3 7/8	1 3/16	1	15.2	16.2
16-LB34H10	3/4	10	48	6.3	1	5	9 1/2	10 7/8	6 1/4	3 7/8	1 3/16	1	18.6	19.7
16-LB34H15	3/4	15	48	6.3	1	5	9 1/2	10 7/8	6 1/4	3 7/8	1 3/16	1	21.4	22.4
16-LB34H20	3/4	20	48	6.3	1	5	9 1/2	10 7/8	6 1/4	3 7/8	1 3/16	1	24.1	25.2
16-LB112H	1 1/2	5	57	7.1	1	6 1/8	14 1/8	12 5/8	6 13/16	4 1/8	1 1/2	1 5/16	22	24
16-LB112H10	1 1/2	10	57	7.1	1	6 1/8	14 1/8	12 5/8	6 13/16	4 1/8	1 1/2	1 5/16	26.1	27.6
16-LB112H15	1 1/2	15	57	7.1	1	6 1/8	14 1/8	12 5/8	6 13/16	4 1/8	1 1/2	1 5/16	33.3	35.0
16-LB112H20	1 1/2	20	57	7.1	1	6 1/8	14 1/8	12 5/8	6 13/16	4 1/8	1 1/2	1 5/16	29.7	31.2
16-LB3H	3	5	84	10	1	7 3/16	14 1/8	15 3/4	7 3/4	4 1/4	1 3/4	1 1/2	39	41
16-LB3H10	3	10	84	10	1	7 3/16	14 1/8	15 3/4	7 3/4	4 1/4	1 3/4	1 1/2	47.0	48.9
16-LB3H15	3	15	84	10	1	7 3/16	14 1/8	15 3/4	7 3/4	4 1/4	1 3/4	1 1/2	54.3	56.2
16-LB3H20	3	20	84	10	1	7 3/16	14 1/8	15 3/4	7 3/4	4 1/4	1 3/4	1 1/2	61.6	63.6
16-LB6H	6	5	88	10	2	9 9/16	14 1/8	22 3/8	7 3/4	4 1/4	2 1/4	2 1/16	62	66
16-LB6H10	6	10	88	10	2	9 9/16	14 1/8	22 3/8	7 3/4	4 1/4	2 1/4	2 1/16	76.0	80.0
16-LB6H15	6	15	88	10	2	9 9/16	14 1/8	22 3/8	7 3/4	4 1/4	2 1/4	2 1/16	89.0	94.0
16-LB6H20	6	20	88	10	2	9 9/16	14 1/8	22 3/8	7 3/4	4 1/4	2 1/4	2 1/16	105.6	107.8
16-LB10H	10	5	101	10	3	14 1/2	14 1/8	23 3/4	7 3/4	4 1/4	2 1/4	2 1/8	95	102
16-LB10H10	10	10	101	10	3	14 1/2	14 1/8	23 3/4	7 3/4	4 1/4	2 1/4	2 1/8	117	124
16-LB10H15	10	15	101	10	3	14 1/2	14 1/8	23 3/4	7 3/4	4 1/4	2 1/4	2 1/8	139	146
16-LB10H20	10	20	101	10	3	14 1/2	14 1/8	23 3/4	7 3/4	4 1/4	2 1/4	2 1/8	161	168

WARNING: Hoists are not for lifting or transporting people or lifting load over people. Before installation, read operating instruction for additional warnings and precautions. Not for use in explosive environment.

BEAM CLAMPS

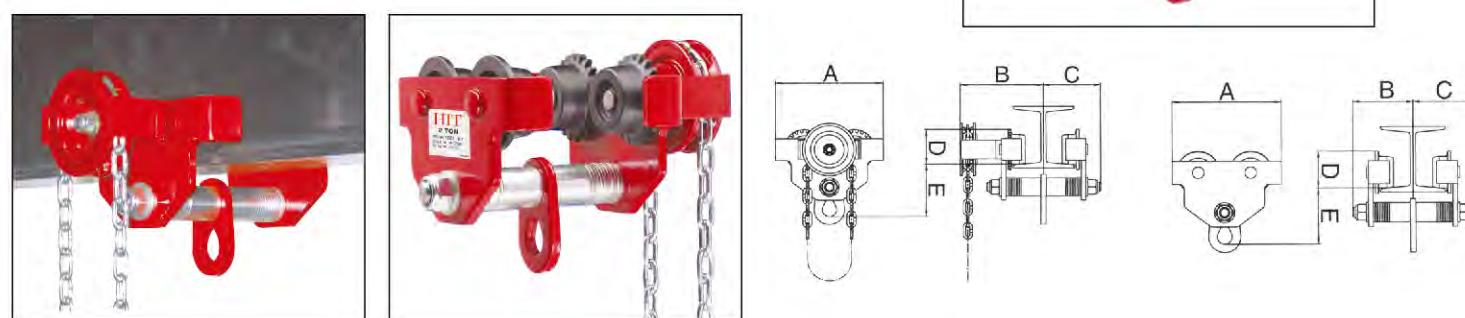
- A perfect industrial grade attachment on steel beam for the mounting of hoists from an overhead load.
- Can be used for the lifting and transfer of steel beams and as a pulling clamp.
- Specially designed clamp jaws can reduce flange stress by distributing load away from I-beam along edge.
- Smooth screw spindle which allows quick and easy install without using tools.
- Built in suspension bar allows low headroom.
- Proof tested and meets ANSI/ASME b30.20 standards.



Stock No.	CAP (Ton)	A	B	C	D	E	F	G	J	K	Net Weight (Lbs)	Shipping Weight (Lbs)
16-BC1H	1	3"-8 1/4"	7 1/8"-12 15/16"	3"	1"	7 1/2"	5 5/8"-4 5/8"	2"-1 1/2"	3/4"	1 5/16"	8 7/8	10
16-BC2H	2	3"-8 1/4"	7 1/8"-12 15/16"	3 3/8"	1"	7 1/2"	5 5/8"-4 5/8"	2"-1 1/2"	3/4"	1 5/16"	10	11 1/2
16-BC3H	3	3"-12"	8 7/16"-18 1/8"	4 1/4"	1 3/8"	9 1/2"	8 13/16"-7"	2 1/4"-1 9/16"	7/8"	1 5/8"	18 1/2	20
16-BC5H	5	3"-12"	8 7/16"-18 1/8"	4 3/4"	1 3/8"	9 1/2"	7 7/8"-6 7/8"	2 1/4"-1 9/16"	1 1/8"	1 3/4"	22	23 1/2

PLAIN TROLLEYS-with hand chain

- Alloy steel construction with double sealed ball bearings provides smooth and easy traversing.
- Smooth operation over curved or straight track. Easily installed or removed at any point along the beam.
- Easily fit various sizes of rail, flange and I-beam.
- Side plates formed to include bumpers and trolley guards ensure extra safety.
- Hardened axles and wheels for added durability.
- Complies with OSHA and ANSI /ASME B30.11 and B30.17 standards

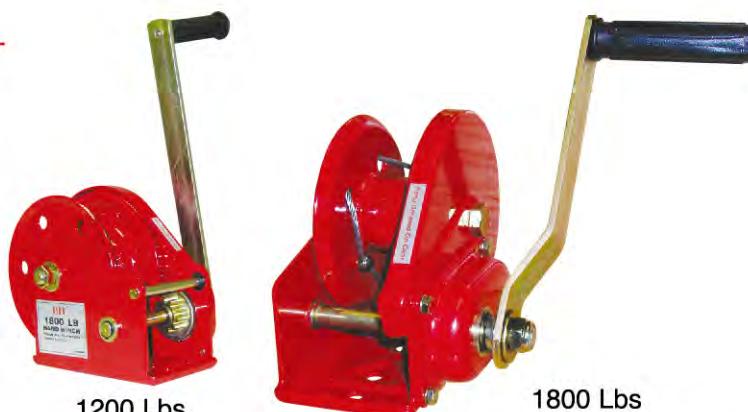


CAP (Ton)	Plain Trolley			Geared Trolley			A	C	D	E	Beam Flange Width	Min. Radius Curve	Beam Height (Inch)	Geared Trolley Hand Chain Length
	Stock No.	N.W. (Lbs)	B	Stock No.	N.W. (Lbs)	B								
1/2	16-PT05H	11	4 3/16"	16-GT05H	19	6 1/2"	9 5/8"	4 3/16"	2 1/2"	3 7/8"	2 1/2"-8"	32"	4"-19"	10Ft.
1	16-PT1H	16	4 7/16"	16-GT1H	24	7 1/16"	10 1/2"	4 7/16"	2 3/4"	4 3/16"	2 1/2"-8"	39"	4"-19"	10Ft.
2	16-PT2H	26	5 7/8"	16-GT2H	36	7 5/16"	11 1/2"	5 3/8"	3 1/8"	5 7/16"	3 1/2"-8"	51"	4"-19"	10Ft.
3	16-PT3H	42	6"	16-GT3H	51	7 1/2"	13 1/2"	6"	3 13/16"	6"	3 1/2"-8"	59"	5"-19"	10Ft.
5	16-PT5H	66	6 7/8"	16-GT5H	75	8 5/16"	15 1/2"	6 7/8"	4 5/8"	6 7/8"	4 3/16"-8"	59"	5"-19"	10Ft.
10	16-PT10H	330	10"	16-GT10H	335	11 7/8"	16 7/8"	10"	7 1/4"	9 1/2"	5"-12"	106"	5"-19"	10Ft.

HAND WINCH-with automatic brake

- Designed for multiple applications such as raising or lowering boats, pulling cars, also used for many crane purposes.
- Heavy gauge steel construction gives added strength.
- Enamel coating finish for resistance to rust and corrosion.
- Automatic double brake pawls and discs for maximum safety. Positive load-actuated brake can hold the load in any position.
- Brakes and gears are fully covered by metal case for dust and weather protection.
- Capacity rating is based on one layer of line around drum as line builds on drum capacity decreases.

NOTE: Lifting Capacity is 1/2 of the Pulling Capacity



Stock No.	Pulling Capacity	Gear Ratio	Lifting Capacity	Hub Dia.	Handle Length	Rope Size	Rope Storage	Net Wt.
16-HW800	800 Lbs	4.1:1	400 Lbs	1 1/2"	6 1/4"	5/32"	119 Ft.	6 1/2 Lbs
16-HW1200	1200 Lbs	4.1:1	600 Lbs	2"	8 1/4"	3/16"	76 Ft.	7 1/4 Lbs
16-HW1800	1800 Lbs	5:1	900 Lbs	2 3/4"	12 1/2"	9/32"	80 Ft.	17 1/2 Lbs
16-HW2600	2600 Lbs	10:1	1300 Lbs	3 1/8"	12 1/2"	5/16"	59 Ft	23 Lbs

IMPACT WIRE ROPE / CABLE CUTTER

- Actuated by striking with a hammer, easy to operate and will give a clean cut without jamming.
- Replaceable blades and dies are made of alloy tool steel with heat treated and ground to close tolerances.
- The cutting blades are retained in the housing at the moment of impact, ensuring safety.

Stock No.	Capacity	High	Base	Weight	Blade	Die Set
22-ICC19	3/4"	6"	3 1/2"	7 Lbs	22-ICC19-05	22-ICC19-02
22-ICC27	1 1/16"	7"	6 1/4"	16 Lbs	22-ICC27-05	22-ICC27-02
22-ICC38	1 1/2"	9"	7 3/4"	27 Lbs	22-ICC38-05	22-ICC38-02



HYDRAULIC WIRE ROPE / CABLE CUTTER

- Self contained hydraulic cable cutters are designed for cutting wire rope and cable.
- Simply pump the handle and it gives a clean cut with minimum effort.
- Blades are made of alloy tool steel, heat treated.
- To be used by contractors, rigging shops, elevator repairers and many others.
- Can be used in under water applications.

Stock No.	Capacity	Cutting Pressure	Weight	Blade	Die Set
22-HCC30	1 1/8"	7.5 Tons	41 Lbs	22-HCC30-03	22-HCC30-02
22-HCC48	1 7/8"	22 Tons	66 Lbs	22-HCC48-03	22-HCC38-02



H-110 Series HAND CHAIN HOIST

- All steel construction and compact for maximum strength.
- Fused Break design increases safety and durability.
- Corrosive resistant grade 100 load chain for maximum strength.
- Sealed Ball Bearing increases efficiency and smooth operation.
- Durable cast-steel safety latch will not bend during work.
- Forged alloy steel hooks rotate 360 degrees for easy rigging.
- Dual pawl break design increases safety and durability.
- Compact and light-weighted design for low headroom applications to use in confined areas.
- Ideal for construction, lifting and manufacturing operations.
- Complies with OSHA regulations, ANSI/ASME B30.16 and HST-2 standard.
- Offers the option of shipyard hooks, virtually eliminating stretched hooks caused by point or tip loading.
- Certificated load tested to 125% of rated capacity.



CHAIN HOIST SPECIFICATIONS

Stock No.	Capacity Tons	Capacity Lbs	Headroom Inch	Standard Lift Feet	Load Chain Dia mm	Number of Chain Falls	Weight(Lbs)
16-CH05K	1/2	1100	11-1/4	10	5 x 15	1	24
16-CH05K15	1/2	1100	11-1/4	15	5 x 15	1	29
16-CH05K20	1/2	1100	11-1/4	20	5 x 15	1	34
16-CH05K30	1/2	1100	11-1/4	30	5 x 15	1	43
16-CH1K	1	2200	11-5/8	10	6.3 x 19	1	27
16-CH1K15	1	2200	11-5/8	15	6.3 x 19	1	34
16-CH1K20	1	2200	11-5/8	20	6.3 x 19	1	39
16-CH1K30	1	2200	11-5/8	30	6.3 x 19	1	51
16-CH112K	1-1/2	3300	13-3/4	10	7.1 x 21	1	34
16-CH112K15	1 1/2	3300	13-3/4	15	7.1 x 21	1	41
16-CH112K20	1-1/2	3300	13-3/4	20	7.1 x 21	1	48
16-CH112K30	1-1/2	3300	13-3/4	30	7.1 x 21	1	62
16-CH2K	2	4400	14-3/4	10	8 x 24	1	44
16-CH2K15	2	4400	14-3/4	15	8 x 24	1	52
16-CH2K20	2	4400	14-3/4	20	8 x 24	1	59
16-CH2K30	2	4400	14-3/4	30	8 x 24	1	75
16-CH3K	3	6600	20-1/8	10	7.1 x 21	2	53
16-CH3K15	3	6600	20-1/8	15	7.1 x 21	2	64
16-CH3K20	3	6600	20-1/8	20	7.1 x 21	2	74
16-CH3K30	3	6600	20-1/8	30	7.1 x 21	2	95
16-CH5K	5	11000	23-5/8	10	9 x 27	2	90
16-CH5K15	5	11000	23-5/8	15	9 x 27	2	105
16-CH5K20	5	11000	23-5/8	20	9 x 27	2	120
16-CH5K30	5	11000	23-5/8	30	9 x 27	2	149
16-CH10K	10	22000	29-5/8	10	9 x 27	4	174
16-CH10K15	10	22000	29-5/8	15	9 x 27	4	200
16-CH10K20	10	22000	29-5/8	20	9 x 27	4	228
16-CH10K30	10	22000	29-5/8	30	9 x 27	4	280

H-110 Series LEVER HOIST

- The $\frac{1}{4}$ and $\frac{1}{2}$ ton compact lever hoist integrates durability, safety and innovation enabling it to operate in the confined areas.
- Durable, impact resistant aluminum alloy housing makes this hoist in light weight. Each piece comes with a nylon carrying case.
- Dual pawl design increases safety for great load security.
- Forged alloy steel hooks rotate 360 degrees for easy rigging.
- The 0.8, 1, 1.5, 3 and 6 tons lever hoist are the most advanced design
- Fused brake system makes the work safer and more durable.
- Forged alloy steel hooks rotate 360 degrees for convenient rigging, hooks slowly stretch to indicate an overload situation alert for jobsite safety.
- Heavy duty cast steel safety latches increased durability and easy replacement.
- Caged needle bearing increases efficiency and smooth operation.
- Corrosive resistant grade 100 loading chain is stronger than the grade 80 load chain and will extend the life of the hoist.
- Every $\frac{1}{4}$ Ton and $\frac{1}{2}$ Ton lever comes with a rugged vinyl pouch with belt loop.
- Complies with OSHA Regulations, ANSI/ASME B30.21 and HST-3 Standard.
- Certificated load tested to 125% of rated capacity.



CHAIN HOIST SPECIFICATIONS

Stock No.	Capacity Tons	Capacity Lbs	Headroom Inch	Standard Lift Feet	Load Chain Dia mm	Number of Chain Falls	Weight(Lbs)
16-LB025K	0.25	500	7-15/16	5	3.2 x 9	1	3.5
16-LB025K10	0.25	500	7-15/16	10	3.2 x 9	1	4.4
16-LB025K15	0.25	500	7-15/16	15	3.2 x 9	1	5.3
16-LB05K	0.5	1000	9-7/8	5	4.3 x 12	1	5.5
16-LB05K10	0.5	1000	9-7/8	10	4.3 x 12	1	7
16-LB05K15	0.5	1000	9-7/8	15	4.3 x 12	1	8.6
16-LB05K20	0.5	1000	9-7/8	20	4.3 x 12	1	10.10
16-LB34K	0.8	1760	11	5	5.6 x 15.7	1	12.5
16-LB34K10	0.8	1760	11	10	5.6 x 15.7	1	14.9
16-LB34K15	0.8	1760	11	15	5.6 x 15.7	1	17.3
16-LB34K20	0.8	1760	11	20	5.6 x 15.7	1	19.8
16-LB1K	1	2200	11-7/8	5	5.6 x 12.5	1	13.0
16-LB1K10	1	2200	11-7/8	10	5.6 x 12.5	1	15.3
16-LB1K15	1	2200	11-7/8	15	5.6 x 12.5	1	17.5
16-LB1K20	1	2200	11-7/8	20	5.6 x 12.5	1	20.2
16-LB112K	1.6	3520	13-3/4	5	7.1 x 19.9	1	17.5
16-LB112K10	1.6	3520	13-3/4	10	7.1 x 19.9	1	21.3
16-LB112K15	1.6	3520	13-3/4	15	7.1 x 19.9	1	25
16-LB112K20	1.6	3520	13-3/4	20	7.1 x 19.9	1	28.5
16-LB3K	3.2	7040	15-5/8	5	10 x 28	1	30
16-LB3K10	3.2	7040	15-5/8	10	10 x 28	1	37.5
16-LB3K15	3.2	7040	15-5/8	15	10 x 28	1	45
16-LB3K20	3.2	7040	15-5/8	20	10 x 28	1	53.0
16-LB6K	6.3	13860	21-1/4	5	10 x 28	2	57.3
16-LB6K10	6.3	13860	21-1/4	10	10 x 28	2	72
16-LB6K15	6.3	13860	21-1/4	15	10 x 28	2	88
16-LB6K20	6.3	13860	21-1/4	20	10 x 28	2	103

105 Series LEVER HOIST

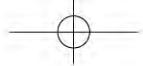
- 105 Series lever hoists combine reliability, durability and safety that designed to perform in contractor grade for general purpose use. Dual pawl brake design increases safety.
- Forged alloy steel hook rotate 360 degrees for easy rigging.
- Hooks slowly stretch to indicate an overload situation increases jobsite safety.
- Needle bearing gives long life with low wear reducing down time.
- Grade 80 load chain finished with black oxide for durability.
- All steel construction, impact resistant covers provide protection and durability
- Complies with OASHA Regulations, ANSI/ASME B30.21 and HST-3 Standards.
- Certificated load tested 125% of rated capacity.



3/4,1,1.5,3,6 Ton

LEVER HOIST SPECIFICATIONS

Stock No.	Capacity Tons	Capacity Lbs	Headroom Inch	Standard Lift Feet	Load Chain Dia mm	Number of Chain Falls	Weight(Lbs)
16 LB34N	3/4	1760	9-1/8	5	6 x 18	1	14
16-LB34N10	3/4	1760	9-1/8	10	6 x 18	1	17
16-LB34N15	3/4	1760	9-1/8	15	6 x 18	1	19
16-LB34N20	3/4	1760	9-1/8	20	6 x 18	1	22
16-LB1N	1	2200	11-5/8	5	6 x 18	1	12
16-LB1N10	1	2200	11-5/8	10	6 x 18	1	15
16-LB1N15	1	2200	11-5/8	15	6 x 18	1	17
16-LB1N20	1	2200	11-5/8	20	6 x 18	1	19
16-LB112N	1-1/2	3300	14-7/8	5	8 x 24	1	25
16-LB112N10	1-1/2	3300	14-7/8	10	8 x 24	1	30
16-LB112N15	1-1/2	3300	14-7/8	15	8 x 24	1	34
16-LB112N20	1-1/2	3300	14-3/4	20	8 x 24	1	39
16-LB3N	3	6600	18-7/8	5	10 x 30	1	43
16-LB3N10	3	6600	18-7/8	10	10 x 30	1	50
16-LB3N15	3	6600	18-7/8	15	10 x 30	1	57
16-LB3N20	3	6600	18-7/8	20	10 x 30	1	65
16-LB6N	6	13200	24-1/4	5	10 x 30	2	69
16-LB6N10	6	13200	24-1/4	10	10 x 30	2	76
16-LB6N15	6	13200	24-1/4	15	10 x 30	2	84
16-LB6N20	6	13200	24-1/4	20	10 x 30	2	91



110 Series BEAM CLAMP

- Industrial grade attachment for steel beam and mounting of hoists from an overhead load.
- Can be used for lifting and transferring of steel beams and as a pulling clamp.
- Alloy steel frame and power coat finish provide maximum durability.
- Clamp jaw is designed to distribute the load away from the beam flange edge for safety.
- Smooth screw spindle allows quick and easy installation without using tools.
- Complies with ANSI/ASME B30.17 and B30.20 standard.
- Certificated load tested to 125% of rated capacity.

Stock No.	Capacity	Capacity	Beam Flange Width	Weight
16-BC1-1	1 Ton	2200 Lbs	3" - 9"	13 Lbs
16-BC2-1	2 Tons	4400 Lbs	3" - 9"	14 Lbs
16-BC3-1	3 Tons	6600 Lbs	3-1/8" - 13-1/2"	25 Lbs
16-BC5-1	5 Tons	11000 Lbs	3-1/8" - 13-1/2"	28 Lbs



110 Series PLAIN TROLLEY

All steel construction with double sealed ball bearings provides easy movement.

- Easily fit various sizes of rail, flange and I-beam.
- Built-in bumper guards increase user safety and extend the life of the trolley.
- Extra wide flange, easily adjust to fit the beams with the included space washers.
- Complies with OSHA regulations, ANSI / ASME B30.11 and B30.17 standard
- Certificated load tested to 125% of rated capacity.



Stock No.	Capacity	Beam Flange Width	Beam Height	Min. Radius Curve	Weight
16-PT05-1	1/2 Ton	3 1/8" - 8"	4" - 19"	36"	22 Lbs
16-PT1-1	1 Ton	4" - 12"	4" - 19"	39"	39 Lbs
16-PT2-1	2 Tons	4" - 12"	4" - 19"	43"	57 Lbs
16-PT3-1	3 Tons	4" - 12"	4" - 19"	51"	99 Lbs
16-PT5-1	5 Tons	4 1/4" - 12"	4" - 19"	55"	120 Lbs



110 Series HAND WINCH

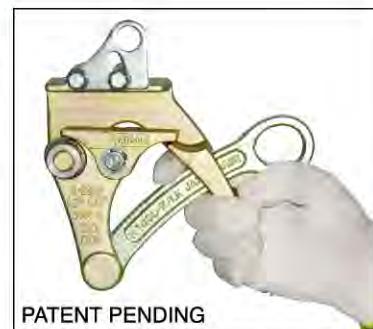
For multiple applications pulling cars, boats, fence, tree, etc.

- All steel construction and power coat finish provides maximum durability.
- Automatic positive action brake pawls and discs for maximum safety.
- Brakes and gears are fully covered by a metal case for dust and weather protection.
- Capacity rating is based on one layer of line around drum as line builds on drum capacity decreases.

Stock No.	Pulling Capacity	Lifting Capacity	Gear Ratio	Hub Dia.	Handle Length	Rope Size	Rope Storage	Shipping Weight
16-HW1200-1	1200 Lbs	600 Lbs	4.2 : 2	2"	8 1/4"	3/16"	80 Ft.	8 Lbs
16-HW1800-1	1800 Lbs	900 Lbs	5 : 1	2-3/8"	12 1/2"	9/32"	85	18 Lbs
16-HW2600-1	2600 Lbs	1300 Lbs	10 : 1	3"	12 1/2"	5/16"	54	23 Lbs

WIRE/CABLE GRIPS (One-hand Operation TRIGGER GRIP)

- Extremely light weight and uses the latest technology to deliver the best performance.
- Pull the trigger by one hand and the Grip will be opened easily and release instantly to quickly insert or remove wire.
- Special designed for gripping a wider range of cables.
- Forged alloy steel construction is durable yet lightweight, yellow chromate finish protects grips from rust and corrosion.
- Widely used in the power, communications, and general construction fields to pull wire and cable. Used for pulling up lines to tension only; not to be used as anchors.
- Jaw is available for large teeth, aggressive teeth and fine teeth for different application.
- Larger models 16-TG50A, 16-TG47 and 16-TG49 with a patented TWIST-GRIP to prevent distortion of the cable



Trigger Grip makes it easy to place grip on cable by one hand



16-TG40



16-TG45M



16-TG451R

Stock No.	Capacity	Min. Cable	Max. Cable	Jaw Length	Weight
For Bare Aluminum, AAC, ACSR, Acss, Copper Cable, *Guy Strand					
*16-TG25	2200Lbs	.102" (26mm)	.59" (15mm)	2" (51mm)	1.31Lbs
*16-TG30	3000 Lbs	.196" (5mm)	.87" (22mm)	2 3/4" (70mm)	2.2 Lbs
*16-TG45	5000 Lbs	.196" (5mm)	.87" (22mm)	3 1/2" (90mm)	3.3 Lbs
16-TG45M	5000 Lbs	.196" (5mm)	1.1" (28mm)	4 3/4" (120mm)	4.2 Lbs
16-TG45L	5000 Lbs	.63" (16mm)	1.38" (35mm)	4 3/4" (120mm)	4.4 Lbs
*16-TG46	8000 Lbs	.196" (5mm)	.87" (22mm)	3 1/2" (90mm)	3.8 Lbs
16-TG48	9000Lbs	0.7" (18mm)	1.38" (35mm)	4 3/4" (120mm)	5.2 Lbs
16-TG47	13000 Lbs	.70" (18mm)	1.41" (36mm)	7" (180mm)	9.9 Lbs
16-TG49	15000 Lbs	1.2" (28mm)	1.81" (46mm)	8 3/4" (220mm)	15 Lbs
Hot-Line Grip Spring Loaded Latch Notched Handle (Locking)					
16-TG451	5000 Lbs	.196" (5mm)	.87" (22mm)	3 1/2" (90mm)	3.3 Lbs
16-TG461	8000 Lbs	.196" (5mm)	.87" (22mm)	3 1/2" (90mm)	3.8 Lbs
16-TG481	9000 Lbs	0.7" (18 mm)	1.38" (35 mm)	4 3/4" (120mm)	5.2 Lbs
16-TG451R	5000 Lbs	.196" (5mm)	.87" (22mm)	3 1/2" (90mm)	3.3 Lbs
16-TG461R	8000 Lbs	.196" (5mm)	.87" (22mm)	3 1/2" (90mm)	3.8 Lbs
16-TG481R	9000 Lbs	.70" (18 mm)	1.40" (35mm)	4 3/4" (120mm)	5.2 Lbs
Hot-Line Grip No Spring No Notch					
16-TG452	5000 Lbs	.196" (5mm)	.87" (22mm)	3 1/2" (90mm)	3.3 Lbs
16-TG462	8000 Lbs	.196" (5mm)	.87" (22mm)	3 1/2" (90mm)	3.8 Lbs
16-TG482	9000 Lbs	0.7" (18 mm)	1.38" (35 mm)	4 3/4" (120mm)	5.2 Lbs
For Copper Cable, Covered Cable, Tree Cable, Guy Strand					
16-TG30C	3000 Lbs	.196" (5mm)	.87" (22mm)	2 3/4" (70mm)	2.4 Lbs
16-TG45C	5000 Lbs	.196" (5mm)	.87" (22mm)	3 1/2" (90mm)	3.3 Lbs
16-TG45MC	5000 Lbs	.196" (5mm)	1.1" (28mm)	4 3/4" (120mm)	4.2 Lbs
16-TG45LC	5000 Lbs	.630" (16mm)	1.38" (35mm)	4 3/4" (120mm)	4.4 Lbs
16-TG48C	9000 Lbs	0.7" (18 mm)	1.38" (35 mm)	4 3/4" (120mm)	5.2 Lbs
16-TG48CL	9000 Lbs	0.7" (18 mm)	1.38" (35 mm)	4 3/4" (120mm)	5.2 Lbs
For Copper Cable, Covered Cable, Tree Cable, Guy Strand, Steel Strand, EHS, Messenger, Wire Rope					
*16-TG20	2200 Lbs	.102" (26mm)	.59" (15mm)	---	1.3 Lbs
16-TG40A	5000 Lbs	.12" (3.1mm)	.55" (14mm)	N / A	2.5 Lbs
16-TG45A	5000 Lbs	.196" (5mm)	.87" (22mm)	3 1/2" (90mm)	3.3 Lbs
16-TG46A	8000 Lbs	.196" (5mm)	.87" (22mm)	3 1/2" (90mm)	4.0 Lbs
16-TG50A	12000 Lbs	.315" (8mm)	1.1" (28mm)	5 1/2" (140mm)	7.2 Lbs

Note:

* Swing Latch is an option, when Swing Latch feature is desired, add prefix letter "L" after stock No. (example: 16-TG48CL)

* Only 16-TG30, 16-TG45 and 16-TG46 can be used for Guy Strand.

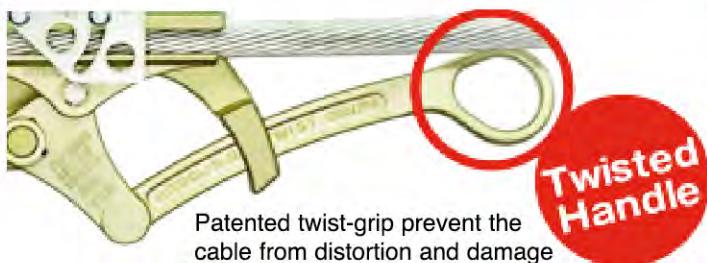
* Model 16-TG20 can not be used for Wire Rope and EHS.

* Grip No. with R are Hot-Line Grip with Hot Stick Ring.

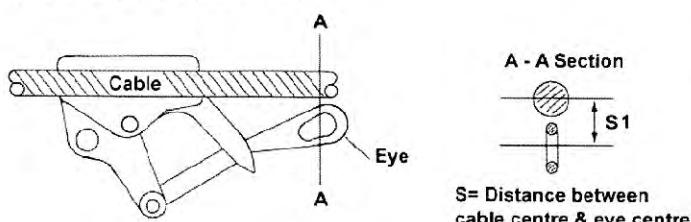
Warning:

* Do not exceed rated capacity and always match proper size and type of grip to application. Before each use, make sure to clean jaw area and inspect grip for proper operation to avoid slippage.

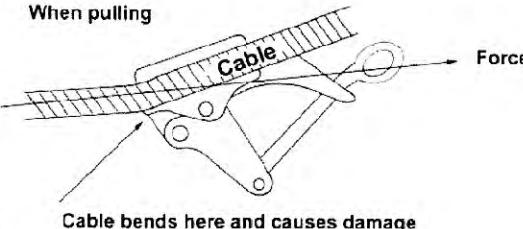
TWIST-GRIPS (TG47, TG49, TG50A)



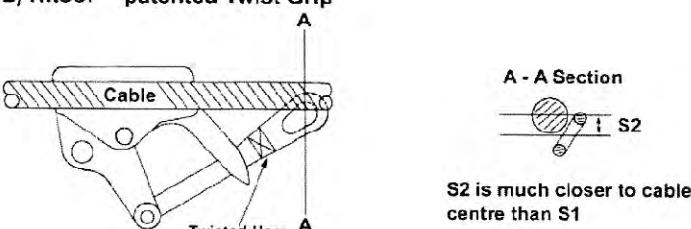
1) Normal grip on the market



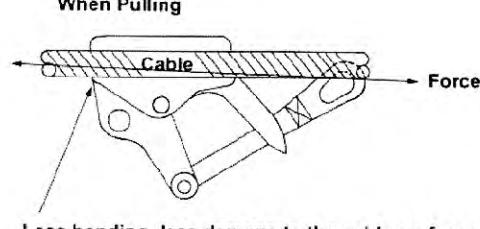
When pulling



2) Hitool patented Twist Grip



When Pulling

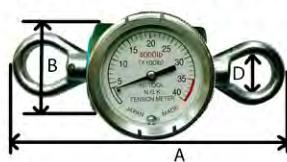


DYNAMOMETERS

- Compact, light weight & lower price for line work
- Both pulling eyes rotate 360 degrees
- Can read both KN & kgf
- Graduation in Lb is available
- Designed for line work and harsh field conditions, in both hot and cold climates
- Accuracy $\pm 3\%$ full scale



Tension Meter Dimensions



Stock No.	Capacity	Graduation	A	B	C	D	Wt.
16-TM5	5 KN (500 kgf) 1,100 LBS	0.1 kn (10 kgf)	6 1/16"	3"	3 1/2"	2 5/32"	2 LBS
16-TM1000	1,100 LBS	100 LBS	6 1/16"	3"	3 1/2"	2 5/32"	2 LBS
16-TM10	10 KN (1 TON) 2,200 LBS	0.2 kn (20 kgf)	7 1/2"	3"	3 1/2"	1"	2.2 LBS
16-TM2000	2,200 LBS	100 LBS	7 1/2"	3"	3 1/2"	1"	2.2 LBS
16-TM20	20 KN (2 TONS) 4,400 LBS	0.5 kn (50 kgf)	7 1/2"	3"	3 1/2"	1"	2.4 LBS
16-TM4000	4,400 LBS	100 LBS	7 1/2"	3"	3 1/2"	1"	2.4 LBS
16-TM30	30 KN (3 TONS) 6,600 LBS	0.5 kn (50 kgf)	9 1/2"	3"	1 3/8"	1 3/8"	4.2 LBS
16-TM6000	6,600 LBS	100 LBS	9 1/2"	3"	3 3/4"	1 3/8"	4.2 LBS
16-TM50	50 KN (5 TONS) 11,000 LBS	1 kn (100 kgf)	9 3/4"	3 1/2"	1 3/8"	1 3/8"	5.7 LBS
16-TM10000	11,000 LBS	100 LBS	9 3/4"	3 1/2"	1 3/8"	1 3/8"	5.7 LBS
16-TM100	100 KN (10 TONS) 22,000 LBS	2 kn (200 kgf)	13 3/4"	4 1/4"	2"	2"	13.2 LBS
16-TM20000	22,000 LBS	100 LBS	13 3/4"	4 1/4"	2"	2"	13.2 LBS

METAL HANDLE CABLE CUTTER



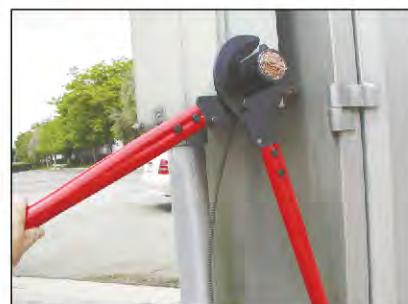
End View



22-CC250RB



22-CC36RB



- Forged alloy tool steel jaws, shear-cut blades give sharp, clean cut with minimal distortion.
- Cuts soft, non-steel cables such as lead and rubber covered aluminum and copper cable.
- The 22-CC36R designed for cutting Telephone and Communication Cable only up to 3".
- Not for cutting hard cable, ACSR, wire rope, steel, guy wire, or self-supporting strand.

Stock No.	Length	Capacity		Piece Wt.	Replacement Head
		Aluminum	Copper		
22-CC18	18"	750MCM	500MCM	4 Lb	---
22-CC250	23 1/2"	750MCM	500MCM	4 1/4 Lb	---
22-CC250R	23 1/2"	750MCM	500MCM	4 1/2 Lb	22-CC250RB
22-CC500R	32 1/2"	1200MCM	1000MCM	9 Lb	22-CC500RB
22-CC36R	36"	3" Telephone Cable Only		11 Lb	22-CC36RB

HEAVY DUTY CABLE CUTTER



22-CC18B



Replacement Head

- Forged alloy tool steel blades for cutting copper and aluminum cable.
- Specially designed durable blades for tough cutting.
- Not for cutting ACSR, wire rope, steel, guy wire, or self supporting strand.

Stock No.	Length	Capacity	Piece Wt.	Replacement Cutter Head
22-CC18H	18"	350MCM	3 3/4 Lb	22-CC18B
22-CC30H	30"	1000MCM	9 1/2 Lb	22-CC30B
22-CC42H	42"	2900MCM	22 1/2 Lb	22-CC42B

HAND CABLE CUTTER



22-CC20



22-CC25



22-CC30

- Shear-cut blades, jaws designed for cutting aluminum and copper cable.
- Not for cutting ACSR, wire rope, steel, or self supporting strand.
- Vinyl grip handles (not insulated).

Stock No.	Length	Capacity		Piece Wt.
		Copper	Aluminum	
22-CC20	8 1/4"	3/8"	13/16"	3/4 Lb
22-CC25	8 3/4"	24AWG	3/4"	1 Lb
22-CC30	9 1/4"	7/16"	1"	1 1/4 Lb

COMPACT RATCHET CABLE CUTTER



22-RCC10 22-RCC20 22-RCC600 22-RCC750

- Designed to cut copper and aluminum cable.
- Ratchet-type jaws with shear-cut blades and with quick release.
- One hand operation allows cutting in confined spaces.
- Not for cutting ACSR guy wire or steel.



22-RCC10



22-RCC20

Stock No.	Length	Capacity		Piece Wt.
		Aluminum	Copper	
22-RCC10	9"	400MCM	400MCM	1 1/2 Lb
22-RCC20	10"	750MCM	750MCM	2 1/2 Lb
22-RCC600	9"	600MCM	600MCM	1 1/4 Lb
22-RCC750	10 1/2"	750MCM	750MCM	2 1/2 Lb

RATCHET CABLE CUTTER

For ACSR, Aluminum and Copper

- Extra heavy duty C-type jaws give long service life.
- Thumb slide release allows rapid cutting and closing.
- Reinforced fibreglass handles are protected by a vinyl sleeve.
- Not designed for cutting electrically live cable.



Cuts Cable



Cuts ACSR



Cuts ACSR



Stock No.	Length	Capacity Aluminum & Copper	ACSR	Piece Wt.
22-RCC1000-9	19 1/2"	2000MCM	-	4 1/2 Lb
22-RACSR-9	19"	556MCM	0.95"	4 3/4 Lb
22-RACSR10-9	10"	335MCM	0.74"	1 1/8 Lb
22-RACSR23	23"	1000MCM	954	6 1/2 Lb
22-RACSR36	36"	1200MCM	954	14 Lb
22-RACSR32F	28"	1200MCM	954	13 Lb

RATCHET TELCUTTER

For Cutting Stapeth and OSP Communication Cable. Not for Cutting ACSR or Steel Cble.

- Ratchet-type jaws with shear-cut blades.
- Cuts cable cleanly and leaves no burrs or sharp edges.
- Quick release allows discontinuation.



22-RCC30



22-RCC3-9



22-RCC30

22-RCC3-9

Stock No.	Length	Capacity	Piece Wt.
22-RCC30	11"	3" Phone Cable	2 3/4" Lbs.
22-RCC3-9	19"	3 3/8" Phone Cable	3 3/4" Lbs.

INSULATED FIBERGLASS HANDLES CABLE CUTTER



- Forged alloy tool steel jaws, shear-cut blades give sharp, clean cut with minimal distortion.
- Cuts soft, non-steel cables such as lead and rubber covered aluminum and copper cable.
- Handles filled with unicellular foam core and tested per OSHA specifications for hot line tool application. User must wear rubber gloves and observe all applicable working clearances when cutting energized conductors.
- Not for cutting, ACSR, wire rope, steel, or self-supporting strand.



END VIEW



22-CC250RB

Replacement Head



Cuts cable

Stock No.	Length	Capacity		Piece Wt.	Replacement Head
		Aluminum	Copper		
22-CC250F-9	23"	750MCM	500MCM	3 1/2 Lb	22-CC250RB
22-CC500F-9	31"	1200MCM	1000MCM	6 Lb	22-CC500RB

ACSR AND CABLE CUTTER



22-ACSR24

Metal Handles

END VIEW



22-ACSRF

Fiberglass Handles

- Forged alloy tool steel blades.
- Cuts ACSR and copper Cable.
- Fiberglass Handles filled with unicellular foam core and tested per OSHA specifications for hot line tool application.

Stock No.	Length	Capacity		Piece Wt.	Handles	Replacement Head
		ACSR	Cu. Al			
22-ACSR24	24"	2/0, 7/16"	1"	4 Lb	Metal	22-ACSRB
22-ACSRF-9	24"	2/0, 7/16"	1"	3 1/2 Lb	Fiberglass	22-ACSRB

GUY WIRE CUTTER



- Durable jaws are made of forged high tensile steel with special heat treatment, designed for cutting guy wire.
- Max. hardness of material to be cut: Brinell 450/Rockwell C48.
- Exceeds U.S. Federal specification number GGG-C-740d Type II.
- The insulated fiberglass handles filled with unicellular foam core and tested per OSHA specification for hot line tool application. Nevertheless, users must wear rubber gloves and observe all applicable working clearances when cutting energized wires.



Cuts Strand



Cuts Guy Wire

Stock No.	Overall Length	Type of Handles	Capacity HRC 48	Replacement Bladde
22-GC24	24"	Metal	5/16"	22-BC24RB
22-GC30	30"	Metal	3/8"	22-BC30RB
22-GC36	36"	Metal	7/16"	22-BC36RB
22-GC24F-9	24"	Fiberglass	5/16"	22-BC24RB
22-GC30F-9	30"	Fiberglass	3/8"	22-BC30RB
22-GC36F-9	36"	Fiberglass	7/16"	22-BC36RB

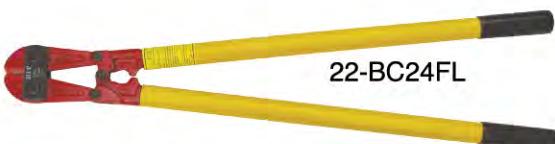
HIGH TENSILE BOLT CUTTER (Red Blade) WITH INSULATED FIBERGLASS HANDLES



22-BC14FL



22-BC14F



22-BC24FL



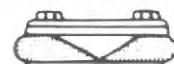
22-BC24F



Cuts bolt

Replacement
Cutter HeadReplacement
Red Jaws

Center Cut



Clipper Cut

- Durable jaws are made of forged high tensile steel with special heat treatment, designed for cutting hard material, spring wire, guy wire, hardened chains, high-tensile bolts, and etc.
- Max. hardness of material to be cut: Brinell 450/Rockwell C48.
- Exceeds U.S. Federal specification number GGG-C-740d Type II.
- Handles filled with unicellular foam core and tested per OSHA specifications for hot line tool applications. Nevertheless user must wear rubber gloves and observe all applicable working clearances when cutting energized conductors.

Note: Handle lengths other than that listed below are available. However, custom-made handle length is not returnable.

Stock No.	Length	Capacity				Jaw Type	Piece Wt.	Replacement Head
		HRC15 Brinell 200 Soft Material	HRC31 Brinell 300 Med. Material	HRC42 Brinell 400 Hard Material	HRC48 Brinell 450 Music Wire			
22-BC14FL-9	12"	18"	9/32"	1/4"	3/16"	3/16"	Clipper Cut	3 1/2Lb
22-BC14F-9	8"	14"	9/32"	1/4"	3/16"	3/16"	Clipper Cut	2 1/3Lb
22-BC18FL-9	18"	25"	5/16"	9/32"	1/4"	7/32"	Clipper Cut	3 Lb
22-BC18F-9	11"	18"	5/16"	9/32"	1/4"	7/32"	Clipper Cut	3 1/2Lb
22-BC24FL-9	24"	32"	3/8"	11/32"	5/16"	9/32"	Center Cut	5 1/2Lb
22-BC24F-9	16"	24"	3/8"	11/32"	5/16"	9/32"	Center Cut	6 Lb
22-BC30F-9	21"	30"	1/2"	3/8"	11/32"	5/16"	Center Cut	8 1/2Lb
22-BC36F-9	26"	36"	5/8"	15/32"	3/8"	11/32"	Center Cut	13 LB
								22-BC36RB

HYDRAULIC CABLE CUTTER



22-HC40



22-HC85



Cuts aluminum cable



Cuts communication cable

- Forged alloy steel blades for cutting both overhead conductor and underground cable.
- Portable and lightweight, made to last for years.
- The handles are not insulated, do not use in hot line applications.

WARNING:

- Do not cut EHS Guy Wire
- It may be jammed between the blades, and make the blade not retract if the wire is less than 0.6mm diameter.

	22-HC40	22-HC85
Wire Ropes	3/4" (19mm)	Do not cut
Soft Steel Bolt	3/4" (19mm)	Do not cut
Anchor Rod & Rebar	5/8" (16mm)	Do not cut
Copper & Aluminum	1 1/2" (40mm)	Do not cut
ACSR	1 1/2" (40mm)	Do not cut
Standard Guy Wire	5/8" (16mm)	Do not cut
Telephone & Lead	Do not cut	3 3/8" (85mm)
Sheathed Cable		
Output (Ton)	6	4.5
Overall Length	24"	28 3/4"
Piece Weight	12 Lb	18 1/3 Lb
Replacement Blades	22-HC40B	22-HC85B

12 TON COMPRESSION TOOL

- Fiberglass handles are durable and light-weighted.
- Includes pressure relief valve for overload protection.
- Accepts all U-type dies.
- Automatic low/high-pressure conversion with rapid/slow motion.
- 330 degrees rotating head for convenient operation.
- Crimps Lugs #8-750MCM Cu Splices #10-400MCM Cu
- Jaw Opening 1" Length 23 1/2" Weight 15 Lbs
- Stock No. 22-HC40026 With carrying case



12 TON COMPRESSION TOOL

- Fiberglass handles are durable and light-weighted.
- Includes pressure relief valve for overload protection.
- Accepts all U-type dies.
- Automatic low/high-pressure conversion with rapid/slow motion.
- 180 degrees rotating head for convenient operation.
- Max. Compression 750 MCM
- Jaw Opening 1 1/4" Length 24" Weight 14 1/4 Lbs
- Stock No. 22-HC41232 With carrying case



8 TON BATTERY CABLE CUTTER

- Flip-top latching head.
- 180 degrees rotating head.
- Cutting Capacity:
 - Wire Rope: 6 X 7 23/32"(18mm); 6 X 12 15/16"(24mm)
 - Soft Steel Bar: 3/4" (20mm); Grade 40 Rebar 5/8"(16mm)
 - Cu & Al Strands: 15/16"(24mm); ACSR 15/16"(24mm)
 - Guy Wire: 1X7, 1X19 3/4"(20mm)
- Do NOT cut hardened steel rods.
- 18V Li-ion battery, charger and carrying case is included.
- Stock No. 29-CC24 Length 14" Weight 9 Lbs



29-BAT612-9



29-BC630-9

8 TON HYDRAULIC CABLE CUTTER

- Designed for one-hand operation tool.
- 180 degrees rotating head.
- Overload bypass protection
- Cutting Capacity:
 - Wire Rope: 6 X 7 23/32"(18mm); 6 X 12 15/16"(24mm)
 - Soft Steel Bar: 3/4" (20mm); Grade 40 Rebar 5/8"(16mm)
 - Copper Strands: 15/16"(24mm); ACSR 15/16"(24mm)
 - Guy Wire: 1 X 7, 1 X 19 3/4" (20mm)
- Do NOT cut hardened steel rods.
- 14.4 V Li-ion battery, charger and carrying case is included.
- Stock No. 22-HC24 Weight 13 Lbs



29-BAT614-9



26" MANUAL CRIMPING TOOLS

- Generate 9,000 Lbs of crimping force. Full-Tension and Non-Tension.
- Installs full range of connectors (taps, splices) from #14 AWG through 4/0.
- Features two permanent die grooves, "O" and "D3" for tap connectors.
- Connector Range:
Copper, Aluminum, ACSR, Copperweld, Alumoweld, steel, 6201, 5005.
Copper Taps: #10 sol.- 2/0 str.
Aluminum, ACSR Taps: #14 sol. - 4/0ACSR
Stirrups: #6 ACSR-4/0 ACSR
Overhead Full Tension Deadend, Full Tension Splices, Non Tension
Splices, and Terminals Conductor Range: #10 str.-4/0 ACSR
Code conductor connectors: #6-4/0 str.
Stock No. 22-CT26 22-CT26-BG Weight 7 Lbs



22-CT26



22-CT26-BG

12 TON BATTERY COMPRESSING TOOL

- Designed for one-hand operation in overhead job.
- Jaw Opening 1.73" (44mm), accepts mid-span copper and aluminum splices and lugs up to 750MCM Cu and Al.
- Accepts all U-type dies. * 180 degrees rotating head.
- 14.4 V Li-ion battery, charger and carrying case is included.

Stock No. 29-CT12 Weight 15 Lbs Length 14 1/4"



29-BC630-9

29-BAT614-9

12 TON COMPRESSION TOOL

- Fiberglass handles are durable and light-weighted.
- Includes pressure relief valve for overload protection.
- Accepts all U-type dies.
- Automatic low/high-pressure conversion with rapid/slow motion.
- 180 degrees rotating head for convenient operation.
- Crimps Lugs and Splices up to 750MCM Al and Cu
- Jaw Opening 1.65" Length 26" Weight 12 Lbs.

Stock No. 22-HC51042 With carrying case



6 TON BATTERY OPERATED CRIMPER

- One hand crimper makes crimping job much easier and faster.
- Ram holds position when trigger is released to allow the operator to check alignment prior to crimping.
- High speed pump completes a crimp in approximately 2 seconds.
- Permanent BG(5/8") and D3 grooves, the 3D groove accepts all W-Type dies.
- 18V Li-ion battery and 30 minutes fast charger.
- Connector Range: Copper, Aluminum, ACSR, Copper-weld, Aluminum-weld, Steel, 6201, 5005, Compressed and compact conductors. Copper Taps: #10 solid – 2/0 stranded. Aluminum, ACSR Taps: #14 solid - 4/0 ACSR. Stirrups: #6-4/0 ACSR.
Overhead Full Tension Deadends, Full Tension Splices and Terminals Conductor #10 stranded – 4/0 ACSR.

Code conductor connectors: #6 - 4/0 stranded Copper and Aluminum
Stock No. 29-CTBG Length 18" Weight 7.4 Lbs



29-BC630-9

GEAR PULLER

- Design for pulling, rigging, dragging and lifting applications.
- Rated loads from 1 ton to 3 ton pulling capacities.
- Easy to use in any direction, angle, length of pull or lift.
- The greater the force of the pull, the greater the clamping force to the jaws.
- Heavy duty safety hooks with spring loaded safety latch.
- Telescopic handle on model 16-GP2 and 16-GP3.
- Complies with ANSI/ASME B30.21
- Available with or without 66 feet of wire rope.



Stock No.	Pulling Cap.	Lifting Cap.	Wire Rope Size	Handle Length	Weight	Wire Rope	With Hook	Weight
16-GPS	2400 Lbs	1700 Lbs	66 Ft X 5/16"	31-1/2"	32 Lbs	16-GP1-W	5/16"	15 Lbs
16-GPM	5000 Lbs	3500 Lbs	66 Ft X 7/16"	31-1/2" - 47"	57 Lbs	16-GP2-W	7/16"	28 Lbs
16-GPL	10000 Lbs	7000 Lbs	66Ft X 5/8"	31-1/2" - 47"	105 Lbs	16-GP3-W	5/8"	41 Lbs

CABLE HOIST

- High strength die cast aluminum frame and components.
- Utilized preformed, galvanized, and extra flexible aircraft cable.
- 360 degrees swiveling hooks with safety latch for quick loading and unloading.
- Designed to be used in construction, rigging, fence tensioning, pump & motor installation, welding alignment, tree service, repair, and bridge construction.
- Complies with ANSI/ASME standards B30.21.



Stock No.	SINGLE LINE		DOUBLE LINE				
	Capacity	Lift Ft.	Capacity	Lift Ft.	Handle	Cable Dia.	Weight
16-CH15	750 Lbs	20	1500 Lbs	10	14-5/8"	5/32"	9 Lbs
16 GH30	1500 Lbs	30	3000 Lbs	15	24-5/8"	7/32"	14 Lbs
16-CH40	2000 Lbs	20	4000 Lbs	10	29-1/2"	1/4"	16 Lbs

WEB-STRAP HOIST

- Capacity: 1500 Lbs by Single Line; 3000 Lbs by double lines.
- Load tested to 125% of rated capacity and meets ASME B30.21 standard.
- Double flanged drum keeps web strap from coming in contact with ratchet teeth.
- 360 degrees swivel hooks are forged, heat treated with safety latch.
- Ratchet gear is outside the frame which prevents possible damage to the web-strap.
- Fiberglass handle can be rotated 360 degrees.
- Pulling Distance: Single Line 20" - 136"; Double Line 26" – 77"
- Meet ANSI/ASME B30.21 -201

Stock No. : 16-SH1500

Net Weight: 9 Lbs



CABLE PULLER

- General purpose cable puller for lifting and pulling.
- Light weight zinc plated steel construction to resist corrosion.
- Double solid cast aluminum ratchet gears and pawls.
- Complies with ANSI/ASME B30.21 standard.

Stock No.	Capacity	Wire Rope	Maximum Lift	Weight
16-PP2SH	2 Tons	3/16"	5 Feet	10 Lbs
16-PP4SH	4 Tons	1/4"	5 Feet	15 Lbs

INDENTOR CRIMPING TOOL

- Forged body and handle construction for durability.
- Simple screw adjustment for connector size.
- For crimping copper and aluminum color-coded plugs and splices, not for use on aluminum cable or stainless plugs.
- With mounting base can be mounted on work bench for production purpose.



Stock No.	Capacity	Length	Weight
22-ICT22-2	8 AWG-4/0	22 3/8"	7 Lbs

ADJUSTABLE CONSTRUCTION WRENCH



- Eliminates the need for carrying several fixed-size wrenches
- Tapered spud handle locates and aligns bolts and rivets.
- Measurement scale on head conveniently shows fastener size.
- Forged alloy steel and black finish for corrosion resistance.

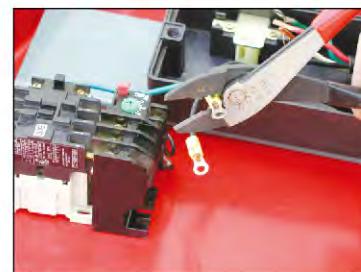


Stock No.	Max. Jaw Opening	Jaws Thickness	Length
02-ACW15	1 3/4"	23/32"	15 3/4"

CRIMPING TOOL



- Designed for crimping non-insulated solderless terminals and connectors from No. 10 to 22 AWG.
- Specially hardened wire cutter in nose.
- Tapered nose for working in confined workspace.
- Two-color handles is designed to identify proper crimping position.



Stock No.	Length	Capacity	Piece Wt.
23-CT10	9 1/2"	10-22AWG	3/4 Lb

HIGH-LEVERAGE LINEMAN'S PLIER



- High-leverage design provides 46% greater cutting and gripping power than the regular lineman's plier.



Stock No.	Length	Piece Wt.
23-LP9	9"	3/4 Lb

4-WAY INDENT CRIMPING TOOL



22-CT4-2



22-CT4G-2

- Ratchet mechanism releases only after proper crimp force is applied.
- Locator holds contact in place during crimping.
- Built in locators provide fast, precise contact alignment.
- Full cycle ratchet.
- Tool steel frame and rust resistant black oxide finish.
- Cushioned vinyl handles.



Stock No.	Length	Handle Color	Capacity	Piece Wt.
22-CT4-2	6 1/2"	Yellow	26-20 AWG	1/2 Lb
22-CT4G-2	6 1/2"	Yellow/Green	22-16 AWG	1/2 Lb

MULTI-PURPOSE WIRE STRIPPER



- Hardened alloy steel with black oxide finish.
- Pivot joints have hardened steel bushings.
- Vinyl cushioned grip.

Capacity: PVC or THHN insulation 20-10AWG (8-4mm)



Stock No.	Length	Capacity	Piece Wt.
23-WS6	6"	20-10 AWG	1/4 Lb

POCKET CABLE STRIPPER



- Quick removal of insulation from round cables without finger nicks.
- Push button 90° blade rotation.
- Pop-out ripper peels up insulation for easy removal.



Stock No.	Capacity	Length	Weight	Replacement Head
23-PCS	6AWG-400MCM THHN, insulation rated 600VAC nominal	5 1/4"	1/4 Lb	50-PCS

AUTOMATIC WIRE STRIPPER



- Strip up to 7/8" length on PVC and THHN insulation.
- For use with solid and stranded wire.



Stock No.	Length	Capacity	Piece Wt.
23-WS7	6 1/2"	AWG 22,20,18,16,14,12,10	3/4 Lb

ELECTRICIAN'S SCISSORS WITH STRIPPING NOTCHES



- Lower blade serrated to minimize slipping of wire when cutting.
- Up blade has notches for stripping 19 and 23 gauge wire.



Stock No.	Length	Capacity	Piece Wt.
23-ES5	5"	AWG 19,23	1/4 Lb

POCKET KNIFE



23-PKS

- Forged steel blade and tempered for skinning wire and cable.
- Wooden handle.



Stock No.	Type	Blade Length	Length Closed	Piece Wt.
23-PKS	Slitting	2 1/2"	4 1/2"	1/4 Lb

STAPLE AND NAIL PULLER



- Forged alloy steel jaws, hardened and tempered with sliding hammer handle.
- Can easily remove staples and nails from the wooden power post and wooden case.
- Meet U.S. fed. Spec. GGG-P76Lbs, Type1, Class-1



Stock No.	Length	Piece Wt.
22-NP450	18"-23 1/2"	4 Lbs
23-SP-2	15"	2 1/2 Lbs

HOLLOW-SHAFT NUT DRIVER



- 3" deep hollow-shaft, overall length 8 1/2".
- Sockets and shafts are chrome plated and heat treated.
- Comfortable rubber handles for gripping firmly.
- Color-coded handles can easily identify the size.



Stock No.	Size	Piece Wt.
18-HND14	1/4"	1/3 Lb
18-HND516	5/16"	1/3 Lb
18-HND1132	11/32"	1/3 Lb
18-HND38	3/8"	1/3 Lb
18-HND716	7/16"	1/3 Lb
18-HND12	1/2"	1/2 Lb
18-HND916	9/16"	1/2 Lb
18-HND58	5/8"	1/2 Lb
18-HND7	7-pc 3/16" - 1/2"	3 Lb

HEX DIE CRIMPING TOOL



- Crimps all the popular copper connector sizes.
- Rotary dies makes work easily.
- Not to be used on energized conductors or cables.

Stock No.	Overall Length	Capacity	Piece Wt.
22-CTS	15 1/2"	10-1/0 AWG	3 Lb
22-CTM	25 1/2"	8-4/0 AWG	8 Lb
22-CTL	25 1/2"	4/0 AWG-300MCM	8 Lb

FISH TAPE



- Highly-durable tempered 1/8" wide spring steel.
- Impact resistant rewinder case.
- Comfortable handle.

Stock No.	Length	Tape	Piece Wt.
23-FT50	50Ft.	Steel	2 Lb
23-FT100	100 Ft.	Steel	4 Lb
23-FT200	200 Ft.	Steel	6 Lb
23-FT50F	50 Ft.	Fiberglass	2.3 Lb
23-FT100F	100 Ft.	Fiberglass	2.8 Lb
23-FT200F	200 Ft.	Fiberglass	3.2 Lb



REVERSIBLE RATCHETING BOX-WRENCH



- Quick-flip reversing lever gives instant ratchet reversal.
- The 9/16" x 3/4" is a perfect wrench for Transformer work.
- Fully-reversible ratchet wrench forged alloy steel and heat treatment. Chrome finish with smooth edges.
- All wrenches are non insulated.

Stock No.	Size	Overall Length	Piece Wt.
01-RBW14516	1/4" x 5/16"	4 1/4"	1/4 Lb
01-RBW38716	3/8" x 7/16"	5 1/2"	1/3 Lb
01-RBW12916	1/2" x 9/16"	6 1/2"	5/8 Lb
01-RBW5834	5/8" x 3/4"	8"	3/4 Lb
01-RBW131678	13/16" x 7/8"	9 1/4"	7/8 Lb
01-RBW91634	9/16" x 3/4"	7 3/4"	1/2 Lb

HAND SAWS

- Designed for cutting PVC pipe and tube.
- Aluminum handle and sharp teeth make the cutting easily.



Stock No.	Capacity O. D.	Blade Length	Piece Wt	Replacement Blade
22-HSP18	1 1/2" - 6"	18"	7/8 Lb	22-HSP18B
22-HSP13	1 1/2" - 3"	13"	3/4 Lb	22-HSP13B

RATCHET PLASTIC PIPE CUTTER

- Ratchet shear gives good mechanical advantage, smooth and easy operation.
- The retractable blade of model 22-PCP112 makes the work less labor intensive.
- Except 22-PCP25, all models are designed for one-hand cut.
- Cuts Schedule 40 materials: PVC, PE, ABS, Vinyl, Polyethylene, pipe and tube used in gas, water and plumbing.



Stock No.	Length	Capacity		Piece Wt	Replacement Blade
		O.D.	I.D.		
22-PCP112	8"	1 1/2"	1 1/4"	1 1/4 Lb	22-PCP112B
22-PCP42	9"	1 3/4"	1 1/2"	1 Lb	22-PCP42B
22-PCP2	10 1/2"	2"	1 1/2"	2 1/8 Lb	22-PCP2B
22-PCP38	8 1/2"	1 1/2"	1 1/4"	1/4 Lb	22-PCP38B
22-PCP25	17"	2 1/2"	2"	2 1/2 Lb	22-PCP25B

BRUSH / UTILITY CUTTER



- Head treated drop forged blades made with high grade alloy steel.
- Light weight handles made of heat treated spring steel.
- Designed for cutting green wood, P.V.C. pipe, rubber hose, and other non-metal soft materials.
- It also can be used to cut animals' horns.



Cuts green brush



Cuts water hose

Stock No.	Overall Length	Capacity	Piece Wt.
22-BRC27	27"	1 1/2" Greenwood	6 Lb

POCKET CUTTER



8" Hand Cutter



8" Angular Cutter



8" End Cutter



- A light weight cutter for general purpose use.
- Specially heat treated drop forged alloy steel blades.
- Works in the tightest quarters that can be reached with one hand.
- The blades of the Angular Cutter and End Cutter are Center-cut and can make a flush cut.
- Maximum hardness of material to be cut: Brinell 370/Rockwell C-40.
- Compact size and handy can be put in pocket.

Stock No.	Type	Capacity		Piece Wt.
		Steel HRC30	Steel HRC40	
22-BC8H	8" Hand Cutter	5/64"	1/16"	1 Lb
22-EC8	8" End Cutter	5/64"	1/16"	1 Lb
22-AC8	8" Angular Cutter	5/64"	1/16"	1 Lb

HAND RIVETER



- Strong die cast iron body and steel handle designed for heavy duty work.
- Comes with 4 interchangeable screw-in nose for rivet sizes: 3/32", 1/8", 5/32" and 3/16".
- Features spring loaded handle with nose wrench.
- Cushioned grip for comfortable handling.

Stock No.	Length	Capacity For Aluminum Rivets	Piece Wt.
03-HR1	10 1/4"	3/32", 1/8", 5/32", 3/16"	1 1/2 Lb
03-HR2	13"	1/8", 5/32", 3/16", 1/4"	2 1/2 Lb

STEP-DRILL BITS



- High speed steel, heat treated.
- Drill round holes in most metals, plastic, wood, and etc.
- Self-starting tips will not skid. No need for center punching or pilot drill. For use with electric drills and drill presses.
- Titanium-Nitride Coated increases the hardness and bits last up to 4-5 times longer than ordinary drill bits.

H.S.S. Stock No.	Tin Coated Stock No.	Hole Size	No. of Hole	Increments	Shank Size
21-ST1	21-ST1T	1/8" - 1/2"	13	1/32"	1/4"
21-ST2	21-ST2T	3/16" - 1/2"	6	1/16"	1/4"
21-ST3	21-ST3T	1/4" - 3/4"	9	1/16"	3/8"
21-ST4	21-ST4T	3/16" - 1/8"	12	1/16"	3/8"
21-ST5	21-ST5T	1/4" - 1 3/8"	10	1/8"	1/2"
21-ST9	21-ST9T	1/8" - 1 1/8"	2	--	1/2"
21-ST123	21-ST123T	1/8" - 3/4"	6, 9, 13	1/32", 1/16"	1/4", 3/8"
21-ST50	1/8"-1 3/8"		6, 9, 10, 12, 13	1/16", 1/8", 1/32",	1/4", 3/8"



AUGER BITS



- Made of alloy steel with full length heat treatment.
- Coarse screw point provides fast boring in hard wood.
- Single spur scribes the circumference of the hole first to leave a smooth finish.
- 7/16" Hex shank.

Stock No.	Hole Size	Overall Length	Stock No.	Hole Size	Overall Length
21-AB1218	1/2"	18"	21-AB1217	1/2"	7"
21-AB91618	9/16"	18"	21-AB91618	9/16"	7"
21-AB5818	5/8"	18"	21-AB587	5/8"	7"
21-AB3418	3/4"	18"	21-AB347	3/4"	7"
21-AB7818	7/8"	18"	21-AB787	7/8"	7"
21-AB11618	11/16"	18"	21-AB1167	11/16"	7"
21-AB118	1"	18"	21-AB17	1"	7"
21-AB11818	1 1/8"	18"	21-AB1187	1 1/8"	7"
21-AB11418	1 1/4"	18"	21-AB1147	1 1/4"	7"
21-AB13818	1 3/8"	18"	21-AB1387	1 3/8"	7"

INSTALLER BITS



Hole for pulling the wire

- Made of alloy steel with full length heat treatment.
- 82 degree point for fast boring in wood.
- Hole in flute makes it easy to pull wire through walls.
- All sizes with 3/8" triangle shank.

Stock No.	Hole Size	Overall Length	Tria. Shank	Piece Wt.
21-BH1418	1/4"	18"	3/8"	1/4 Lb
21-BH1424	1/4"	24"	3/8"	3/8 Lb
21-BH3818	3/8"	18"	3/8"	1/2 Lb
21-BH3824	3/8"	24"	3/8"	3/4 Lb
21-BH1218	1/2"	18"	3/8"	1 Lb
21-BH1224	1/2"	24"	3/8"	1 1/3 Lb

SELF-FEED WOOD BITS

- Precision ground cutting edge with a threaded feed screw tip and a single chip lifter for clean, accurate and fast job.
- For drilling large diameter holes in wood for pipe, conduit and others.
- All bits have a 7/16" hex quick change impact shank that fits 1/2" or large electric drill or 7/16" hex impact wrenches.
- Each bit comes with an extra screw point and a hex key.

Stock No.	Bore Size	Piece Wt.
21-SFB1	1"	6 Oz
21-SFB118	1 1/8"	7 Oz
21-SFB138	1 3/8"	8 Oz
21-SFB2	2"	10 Oz
21-SFB218	2 1/8"	12 Oz
21-SFB2916	2 9/16"	14 Oz
21-SFB358	3 5/8"	1.6 Lbs
21-SFB458	4 5/8"	2.0 Lbs



Drills hole

SCREW EXTRACTOR

- High grade alloy steel spiral flute screw extractor is heat-treated and tempered for long life.
- Tapered left-hand spiral flutes grip screw firmly.
- Designed to remove broken studs, bolts, socket screws and fittings.

Stock No.	Size	Remove Bolts	Drill Bit Size	Piece Wt.
18-SE5-9	5-pc set, No. 1 - 5	3/32" - 5/8"	5/64" - 17/64"	1/4 Lbs
18-SE8	8-pc set, No. 1 - 8	3/32" - 1 3/8"	5/64" - 13/16"	2 Lbs
18-SE9	9-pc set, No. 1 - 9	3/32" - 2"	5/64" - 1 1/16"	2 3/4 Lbs
18-SE1	No.1	3/32" - 5/32"	5/64"	0.3 Oz
18-SE2	No.2	5/32" - 7/32"	7/64"	0.4 Oz
18-SE3	No.3	7/32" - 9/32"	5/32"	0.7 Oz
18-SE4	No.4	9/32" - 3/8"	1/4"	1.1 Oz
18-SE50	No.5	3/8" - 5/8"	17/64"	2.1 Oz
18-SE6	No.6	5/8" - 7/8"	13/32"	4.2 Oz
18-SE7	No.7	7/32" - 11/8"	17/32"	6.6 Oz



LEFT-HAND DRILL BITS

- Made of High Speed Steel 135° Screw Machine (stub) length.
- For removing broken screw, bolt and threaded products. Broken part is removed out by reversing the drill.

Stock No.	Finished	Set	Size
21-DS5L-10	Bright	5 pieces	1/8", 3/16", 1/4", 5/16", 3/8"
21-DS5LT-10	Titanium	5 pieces	1/8", 3/16", 1/4", 5/16", 3/8"
21-DE10-9	Bright	10 pieces	Lift-hand drill 1/8" - 3/8" Screw Extractor No. 1 - 5

TAPER HAND TAPS

- Made of chrome carbon alloy steel and tempered.
- To be used to re-thread damaged or jammed threads or thread mild steel.

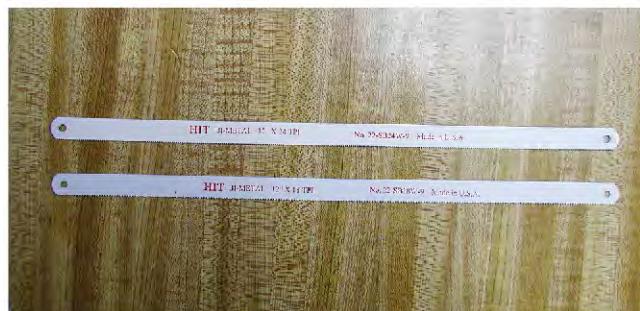
Stock No.	Size	Thread/Inch	Overall length
22-HPT18	1/8"	27	1 1/8"
22-HPT14	1/4"	18	2 7/16"
22-HPT38	3/8"	18	2 9/16"
22-HPT12	1/2"	14	3 1/8"
22-HPT34	3/4"	14	3 1/4"
22-HPT1	1"	11 1/2	3 3/4"
22-HPT114	1 1/4"	11 1/2	4"
22-HPT112	1 1/2"	11 1/2	4 1/4"
22-HPT2	2"	11 1/2	4 1/4"



BI-METAL HACK SAW BLADE

- High speed steel cutting edges are hardened to HRC 65-67. Flexible backers resist shattering and safety.

Stock No.	Length x Width x Thickness	Teeth/Inch	Pace/Pack
22-SB14W-9	12"x 1/2" x .025"	14	10
22-SB18W-9	12"x 1/2" x .025"	18	10
22-SB24W-9	12"x 1/2" x .025"	24	10
22-SB32W-9	12"x 1/2" x .025"	32	10



HIGH TENSION SAW FRAME



- Lightweight alloy aluminum construction.
- Locking screw design allows for storage for up to 10 pieces extra blades.
- Tensioning handle provide extra torque for straighter cuts and longer blade life.
- Alloy steel support beam makes frame stronger and allows for tough job.
- Dual pin locations for mounting blade at 90° or 45° for standard or flush-cut applications.

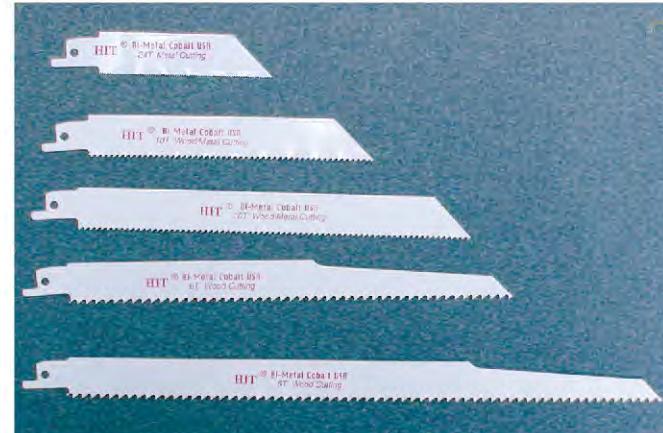
Stock No.	Length	Case Pack	Net Weight
22-SF12-9	16"	6 Piecs	1.5 Lbs



RECIPROCATING SAW BLADES

- 8% Cobalt matrix HSS cutting edge laser welded to high strength steel backer for greater wear resistance and longer life.
- Increased hardness up to HRC67 allows cutting of harder material such as stainless steel. Much longer life than HSS Bi-metal blade.
- Shatter-resistant to achieve a higher standard of user safety.

Stock No.	Size	Teeth	10/Pack	5/Pouch	For Cutting
22-RS414-9	4" x 3/4" x 0.035"	14	*		Metal
22-RS414P-9	4" x 3/4" x 0.035"	14		*	Metal
22-RS418-9	4" x 3/4" x 0.035"	18	*		Metal
22-RS418P-9	4" x 3/4" x 0.035"	18			Metal
22-RS424-9	4" x 3/4" x 0.035"	24	*	*	Metal
22-RS424P-9	4" x 3/4" x 0.035"	24		*	Metal
22-RS606-9	6" x 3/4" x 0.035"	6	*		Wood
22-RS606P-9	6" x 3/4" x 0.035"	6		*	Wood
22-RS656-9	6" x 3/4" x 0.05"	6	*		Wood
22-RS656P-9	6" x 3/4" x 0.05"	6		*	Wood
22-RS610-9	6" x 3/4" x 0.035"	10	*		Plastic
22-RS610P-9	6" x 3/4" x 0.035"	10		*	Plastic
22-RS614-9	6" x 3/4" x 0.035"	14	*		Metal
22-RS614P-9	6" x 3/4" x 0.035"	14		*	Metal
22-RS618-9	6" x 3/4" x 0.035"	18	*		Metal
22-RS618P-9	6" x 3/4" x 0.035"	18		*	Metal
22-RS624-9	6" x 3/4" x 0.035"	24	*		Metal
22-RS624P-9	6" x 3/4" x 0.035"	24		*	Metal
22-RS810-9	8" x 3/4" x 0.035"	10	*		Metal
22-RS810P-9	8" x 3/4" x 0.035"	10		*	Metal
22-RS814-9	8" x 3/4" x 0.035"	14	*		Metal
22-RS814P-9	8" x 3/4" x 0.035"	14		*	Metal
22-RS818-9	8" x 3/4" x 0.035"	18	*		Metal
22-RS818P-9	8" x 3/4" x 0.035"	18		*	Metal
22-RS96-9	9" x 3/4" x 0.05"	6	*		Wood
22-RS96P-9	9" x 3/4" x 0.05"	6		*	Wood
22-RS126-9	12" x 3/4" x 0.05"	6	*		Wood
22-RS126P-9	12" x 3/4" x 0.05"	6		*	Wood
22-RS1214-9	12" x 3/4" x 0.05"	14	*		Metal
22-RS1214P-9	12" x 3/4" x 0.05"	14		*	Metal
22-RS1218-9	12" x 3/4" x 0.05"	18	*		Metal
22-RS1218P-9	12" x 3/4" x 0.05"	18		*	Metal



TAP HANDLES



- Three position gear box for quick efficient ratcheting action.
- The straight handle is designed to provide greater leverage when using larger diameter taps.
- For use with taps, reamers, screw extractors and other tools.

Stock No.	Tap Size	Overall Length
22-TH516	7/64" - 5/16"	3 1/4"
22-TH12	3/16" - 1/2"	4 1/4"
22-TH1	5/16" - 1"	17"



22-TH516 22-TH12

CHAIN TONGS WRENCH



- Designed and sized to provide extra leverage for the toughest jobs
- Forged and tempered alloy steel double-end jaws can be reversed.
- High tensile chain for safety grip and quick release.
- Chain is black phosphate finish resists rust.
- Ideal for plumbing, construction, pipe fitting and oil field jobs

Stock No.	Capacity	Chain Length	Handle	Weight	Spare Chain
02-CT4	4"	27"	35"	18 LBs	50-CT4H-C
02-CT6	6"	33"	39"	22 LBs	50-CT5H-C
02-CT8	8"	39"	47"	25 LBs	50-CT8H-C
02-CT10	10"	45"	51"	28 LBs	50-CT10H-C
02-CT12	12"	51"	55"	31 LBs	50-CT12H-C



CHAIN PIPE WRENCH



- Forged strong I Beam handle for comfortable grip with safety spring stopper.
- Designed for working in confined areas when regular pipe wrenches will not fit, excellent for pipe fittings.
- Portable and lightweight can be used for overhead and underground work.
- Made to last years under the toughest field conditions.

Stock No.	Capacity O. D.	Chain Length	Handle Length	Replacement Chain
02-CW3	9/16" - 4"	17 1/4"	11 1/2"	50-CW3
02-CW3L	9/16" - 7"	26"	11 1/2"	50-CW3L
02-CW4	5/8" - 5"	20"	15 3/8"	50-CW4
02-CW4L	5/8" - 11"	39"	15 3/8"	50-CW4L
02-CW6	1" - 7"	27"	19 1/4"	50-CW6
02-CW6 L	1" - 15"	54 1/2"	19 1/4"	50-CW6 L
02-CW8	1 3/8" - 9"	33 3/8"	26 1/2"	50-CW8
02-CW8 L	1 3/8" - 19"	68 1/2"	26 1/2"	50-CW8 L
02-CW10	1 3/8" - 11"	38 1/2"	28"	50-CW10
02-CW10 L	1 3/8" - 12"	46"	28"	50-CW10 L

STRAP WRENCH



- Forged I-Beam handle, head and I-Beam in one piece gives maximum strength.
- Strong woven nylon strap with special coating gives strong tight grip and protects maring. Strap adjusts fast and easily.
- Works in the tightest quarters that can be reached with one hand.
- Best suited for polished pipe, plastic pipe, and fittings against scratch damage or deform. Excellent for working on plumbing, oil, water filters, glass pipe, PVC conduit and polished shafts. It also works on flywheels and alternator belts.



Works on PVC pipe



Works on chromed pipe

Stock No.	Capacity O. D.	Strap Length	Handle Length	Piece Wt	Replacement Strap
02-BW3	1 1/8" - 4"	16"	12"	1 1/2 Lb	02-BW3S
02-BW6	1 1/8" - 7"	27 1/2"	13"	1 3/4 Lb	02-BW4S
02-BW14	1 1/8" - 16"	55"	13"	2 Lb	02-BW14S

CHAIN BORING WRENCH



- Drop forged alloy steel handle and high tensile heavy duty chain.
- For hot spring boring, under ground water, natural gas, geological survey, etc...

Stock No.	Capacity O. D.	Chain Length	Handle Length	Weight	Replacement Chain
02-BW200-3	8 1/2"	37"	29 1/2"	46 Lbs	50-BW200-C
02-BW500-3	19 1/2"	72"	29 1/2"	66 Lbs	50-BW500-C



Boring operation

AVIATION SNIPS



Left Cut (Red)



Straight Cut (Yellow)



Right Cut (Green)

- Non-Slip Serrated Jaws are made of Hot Forged Molybdenum Alloy steel and heat treated to stand up under compound-Lever action and the cutting of heavy stocks and tight curves.
- Handles are formed of high strength steel.
- Non-Slip and comfortable handles with Hang-up Hole, coded by cutting pattern.
- Cuts a variety of materials up to 22 gage stainless and 18 gage mild steel.

Stock No.	Length	Cutting Pattern	Length of Cut	Handle Color	Piece Wt.
22-TS10L	10"	Left & Straight	1 1/2"	Red	1 Lb
22-TS10S	10"	Straight	1 1/2"	Yellow	1 Lb
22-TS10R	10"	Right Straight	1 1/2"	Green	1 Lb

29-PC PREMIUM DRILL BIT SET

- Industrial grade high speed steel in US Index
- Reduced tri-flat shank from 5/32"-1/2"
- Jobber length 135 degrees split point
- Black & gold finish, size from 1/16" to 1/2" by 1/64th
- stock No.21-DS29H
- Unit weight 2 1/8 Lbs



CHAIN PIPE CUTTER

- Tempered alloy steel construction for maximum durability
- Designed for working in confined spaces
- Perfect for cutting the exhaust pipe for auto repair work
- Max cutting capacity 3 1/2" O.D up to 3/32" wall thickness
- stock No.22-CPC
- Unit Weight 2 Lbs



HEAVY DUTY PIPE WRENCH



- Strong cast iron I-Beam handle.
- Hook jaw is made of forged alloy steel with heat treatment.
- Heel jaw properly seated so as to prevent load on pin.
- Knurled and tempered adjusting nut.
- Set of flat and coil springs which assure instant grip of the pipe and a perfect ratchet action.
- All jaws are replaceable.
- Meets U.S. Specifications GGG-W-651e Type II Class A.

Stock No.	Size	Pipe Cap.	Pack	Wt. Lb.	Heel Jaw & Pin Stock No.	Hook Jaw Stock No.
02-PW8H	8"	1"	6	3/4	50-PWHJ8	50-PWJ8
02-PW10H	10"	1 1/2"	6	1 3/4	50-PWHJ10	50-PWJ10
02-PW12H	12"	2"	6	2 3/4	50-PWHJ12	50-PWJ12
02-PW14H	14"	2"	6	3 1/2	50-PWHJ14	50-PWJ14
02-PW18H	18"	2 1/2"	6	5 3/4	50-PWHJ18	50-PWJ18
02-PW24H	24"	3"	4	9 3/4	50-PWHJ24	50-PWJ24
02-PW36H	36"	5"	1	19	50-PWHJ36	50-PWJ36
02-PW48H	48"	6"	1	34	50-PWHJ48	50-PWJ48

OFFSET PIPE WRENCH



- Has all the features of the above heavy duty pipe wrench.
- Designed for pipe working in restricted spaces or close to a wall.
- Meets U.S. Specifications GGG-W-651 Type VI.

Stock No.	Size	Pipe Cap.	Pack	Wt. Lb.	Heel Jaw & Pin Stock No.	Hook Jaw Stock No.
02-PWO10H	10"	1 1/2"	6	1 1/2	50-PWHJ10	50-PWJ10
02-PWO14H	14"	2"	6	3 1/4	50-PWHJ14	50-PWJ14

ALUMINUM PIPE WRENCH



- About 40% lighter than comparable cast iron models.
- Jaws and all other parts identical to the cast iron models.
- Heel jaw properly seated so as to prevent load on pin.
- Hook jaw forged and dual heat treated.
- Knurled and tempered adjusting nut.
- Set of flat and coil springs which assure instant grip of the pipe and a perfect ratchet action.
- Meets U.S. Specifications GGG-W-651e Type II Class C.

Stock No.	Size	Pipe Cap.	Pack	Wt. Lb.	Heel Jaw & Pin Stock No.	Hook Jaw Stock No.
02-PWA10H	10"	1 1/2"	6	1	50-PWHJ10	50-PWJ10
02-PWA14H	14"	2"	6	2 1/4	50-PWHJ14	50-PWJ14
02-PWA18H	18"	2 1/2"	6	3 3/4	50-PWHJ18	50-PWJ18
02-PWA24H	24"	3"	1	5 1/2	50-PWHJ24	50-PWJ24
02-PWA36H	36"	5"	1	11 1/4	50-PWHJ36	50-PWJ36
02-PWA48H	48"	6"	1	19	50-PWHJ48	50-PWJ48

OFFSET ALUMINUM PIPE WRENCH



- Features a jaw opening parallel to the handles allowing operation in narrow quarters.
- Light alloy aluminum handle.
- Forged jaws with heat treatment.
- Meets U.S. Specification GGG-W-651 Type II Class C.

Stock No.	Size	Pipe Cap.	Pack	Wt. Lb.	Heel Jaw & Pin Stock No.	Hook Jaw Stock No.
02-PWOA14H	14"	2"	6	1 3/4	50-PWHJ14	50-PWJ14
02-PWOA18H	18"	2 1/2"	6	3 1/8	50-PWHJ18	50-PWJ18

FORGED STEEL PIPE WRENCH



- The HIT steel pipe wrench handle is forged steel, allowing for maximum strength and durability. The handle may bend but will not break for added protection to the user.
- Full floating forged jaws allow for fast ratcheting action and heaviest job.
- Special spring design allows for the jaw to grip the pipe quickly and firmly.
- Meets Japanese Industrial Standard (JIS) and exceeds U.S. Federal Specification GGG-W651e, type II, Class A.

Stock No.	Size	Pipe Capacity	Pack	Reace Wt.
02-PWF6-3	6"	1"	12	0.5 Lbs.
02-PWF8-3	8"	1 3/8"	12	0.8 Lbs.
02-PWF10-3	10"	2"	6	1.4 Lbs.
02-PWF12-3	12"	2 1/4"	6	2.2 Lbs.
02-PWF14-3	14"	2 3/4"	6	3.0 Lbs.
02-PWF18-3	18"	3 1/4"	6	4.7 Lbs.
02-PWF24-3	24"	3 3/4"	6	7.4 Lbs.
02-PWF36-3	36"	5 3/16"	2	14.3 Lbs.
02-PWF48-3	48"	7 1/2"	1	23.5 Lbs.

FORGED ALUMINUM PIPE WRENCH



- The HIT Aluminum pipe wrench handle is forged aluminum, allowing for maximum strength and durability. The handle may bend but will not break for added protection to the user.
- Special spring design makes the jaw grip the pipe quickly and firmly.
- Meets U.S. Federal Specification GGG-W651e, type II, Class A.

Stock No.	Size	Pipe Capacity	Pack	Reace Wt.
02-PWA10-3	10"	2"	6	1.0 Lbs.
02-PWA12-3	12"	2 1/4"	6	1.5 Lbs.
02-PWA14-3	14"	2 3/4"	6	2.1 Lbs.
02-PWA18-3	18"	3 1/4"	6	2.7 Lbs.
02-PWA24-3	24"	3 3/4"	6	5.3 Lbs.
02-PWA36-3	36"	6"	6	10.8 Lbs.

PIPE CUTTER

- Cuts steel and cast iron pipes accurately.
- Strong malleable iron frames and wide rollers insure square cuts.
- Large handle for quick and easy adjustment.
- Alloy steel cutter wheel with special heat treatment for durability.
- Meets Federal Specifications GGG-C-00771d Type 1 Class 1 Style B.

Stock No.	Pipe Cap.	Pack	Wt. Lb.	Replacement Wheel
22-PC2H	1/8" - 2"	1	5 1/2	50-PC2H-W for steel 50-PC2H-WC for cast iron
22-PC4H	2" - 4"	1	16	50-PC4H-W for steel 50-PC4H-WC for cast iron



SELF ADJUSTING PLIER

- Forged Chrome vanadium steel with dual tempered jaws.
- Ergonomic handles with non-slip rubber grips for safety.
- One hand can automatically adjust the jaws to fit the pipe size.

Stock No.	Max. Opening	Length	Weight
03-SAP10	1 5/8"	10"	1 Lbs



03-SAP10

MINI TUBING CUTTERS

- Compact body and small cutter-slide for work in confined spaces.
- Lightweight and strong, large knob gives easy control of cutting
- Close-to-flare cut grooved rollers.
- For cutting copper and aluminum tube.
- Meets Federal Specifications GGG-C-00771d Type II Class 2 Table IV.

Stock No.	Capacity	Piece Wt.	Spare Wheel
22-MTC58-14	1/8" - 5/8"	0.2 Lbs.	50-TC138H-W
22-TC118H-14	1/8" - 1 1/8"	0.4 Lbs.	50-TC138H-W



Mini Type
22-MTC58



22-TC118H



50-TC138H-W

TUBING CUTTERS

- Body made from high-strength zinc alloy with large grip knob.
- Telescoping feed screw design, enclosed feed screw to eliminate clogging and jamming, grooved rollers for close-to-flare cuts.
- For cutting copper and aluminum tube. Wheel for plastic pipe available by special order.
- Built-in reamer for comfort and convenience, comes with spare cutting wheel
- Meets Federal Specifications GGG-V-00771d Type II Class 2 Table IV.

Stock No.	Capacity	Piece Wt.	Spare Wheel
22-PTC118-2	1/8" - 1 1/8"	0.7 Lbs.	22-PTC118B
22-TC138H-14	1/8" - 1 3/8"	0.4 Lbs.	50-TC138H-W



22-PTC118-2



22-TC138H-14



50-TC138H-W

AUTOMATIC TUBING CUTTER

- Reinforced aluminum body and slide bar with stop for cutter wheel protection.
- Automatic system for adjusting the cutter-slide action and quick action.
- Extra long close-to flare cut grooved rollers and ergonomic knob.
- Detachable deburrer housed in body for convenience and safety.
- For cutting copper and aluminum tube. Wheel for plastic pipe available by special order.
- Model No. 22-TC138H-14 comes with spare wheel.

Stock No.	Capacity	Piece Wt.	Spare Wheel
22-TC258-14	1/4" - 2 5/8"	1.7 Lbs.	50-TC138H-W
22-TC5H-14	1/4" - 5"	4.3 Lbs.	50-TC5H-W



50-TC138H-W



50-TC5H-W



22-TC258-14



22-TC5H-14

TUBE BENDER

- Designed to easily bend three different sizes of soft tubing with the same tool.
- For bending copper and aluminum soft tubing only, not for steel tube.
- Light weight Aluminum body, ideal for plumbing and HVAC applications.
- A 90 degrees start angle minimizes effort required to form a bend. Handy reference marks indicate the angle for quick bends through 90 degrees.

Stock No.	Tube Capacity	Piece Wt.
45-TB3H	1/4", 5/16", 3/8"	1 Lbs.



RATCHET THREADER

- Enclosed ratchet system allows fast and easy change of die-heads.
- Die-heads can be positioned in ratchet from either side.
- Enclosed design keeps chips out and ensures extra smooth and easy operation.
- Light weight and easy carry.



Stock No.	Capacity	Pack	Wt. Lb.
22-PT4H-14	3/8", 1/2", 3/4", 1", 1 1/4"	1	13 1/8
22-PT5H-14	1/2", 3/4", 1", 1 1/4"	1	12 1/8
22-PT6H-14	1/2", 3/4", 1", 1 1/4", 1 1/2", 2"	1	23 1/8
22-PT7H-14	3/8", 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"	1	25
22-DH14H-14	1/4" DIE HEAD	1	1 1/4
22-DH38H-14	3/8" DIE HEAD	1	1 1/4
22-DH12H-14	1/2" DIE HEAD	1	1 1/4
22-DH34H-14	3/4" DIE HEAD	1	1 1/4
22-DH11H-14	1" DIE HEAD	1	1 1/2
22-DH114H-14	1 1/4" DIE HEAD	1	2
22-DH112H-14	1 1/2" DIE HEAD	1	3 1/2
22-DH2H-14	2" DIE HEAD	1	3 1/2

DEBURRING TOOLS

- High Speed Steel blade for long life.
- For deburring steel, copper, aluminum stainless and polyacetal.
- Light weight with pocket clip.

Stock No.	Length	Material	Pack	Weight	Spare Blade
22-DT-8	5 1/2"	metals	1	0.6 Oz	22-DTB-8
22-DT4C-8	5 1/2"	universal	4-pc set	2.5 Oz	see note
22-DT9-8	5 1/2"	metals	9-pc set	3.6 Oz	22-DT8B-8

Note: The universal set has 4 color codes:

Green - Aluminum (#10)

Blue - Steel (#100)

Red - Brass & Cast Iron (#20)

Yellow - Plastic (#150)



22-DTB-8

BINDER CHAIN

- For use in load binding, towing and logging.
- May be used in accordance with the latest D.O.T. regulations.
- All binders have forged heat treated clevis grab hooks on each end.

Stock No.	Size	Grade	Working Load Limit	Weight
25-BC38204	3/8" X 20'	40	5,400 Lbs	34 Lbs
25-BC51620	5/16" X 20'	70	4,700 Lbs	23 Lbs
25-BC38207	3/8" X 20'	70	6,600 Lbs	34 Lbs
25-BC12207	1/2" X 20'	70	11,300 Lbs	52 Lbs

WARNING:

Do not exceed the working load limits. Do not use for overhead lifting or hoisting.
Do not use if the chain or components are visibly distorted or worn.



Grade 40



Grade 70

PEX CRIMPERS

- HIT PEX crimping tools are specially designed to install connections on PEX portable water lines, radiant heating, and snow melt networks.
- They crimp copper rings used on brass fitting PEX systems. The full circle crimp eliminates tool marks and distortion on the rings.
- Crimps conform to ASTM specifications and each crimper comes with its own Go/No-go gauge and a wrench.

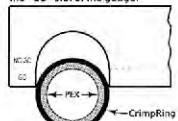
Stock No.	Capacity	Overall Length	Piece Wt.
22-PEXC12	1/2"	14-3/4"	3 Lbs
22-PEXC34	3/4"	14-3/4"	3 Lbs
22-PEXC1	1"	15-1/4"	3-1/2 Lbs
22-PEXC1234	1/2" & 3/4"	15-1/4"	3-1/2 Lbs
22-PEXC4	3/8" - 1"	15-1/4"	6-1/2 Lbs



How to use the Go/No-go Gauge

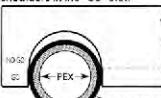
NO GO!

The CrimpRing is not compressed enough, and will not slide into the "GO" slot of the gauge.



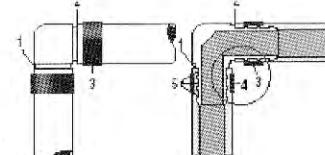
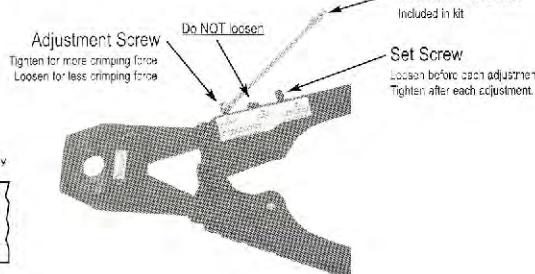
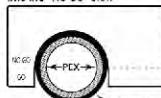
GO.

The CrimpRing slides into the "GO" slot, but stops at the shoulders in the "GO" slot.



NO GO!

The CrimpRing is compressed too small, and slides all the way into the "NO GO" slot.



1. Fitting Shoulder location
2. Pipe is cut square and stops at the fitting shoulder.
3. CrimpRing is positioned 1/8"-1/4" from end of the pipe, directly over two end ribs of fitting
4. CrimpRing is evenly compressed over the pipe, and show no evidence of uneven distortion.
5. The PEX material is uniformly compressed between the brae ribs, resulting in a leak-free, quality joint.

RATCHET CINCH CLAMP FASTENER

- Designed for clamping stainless clinch clamp. Meets ASTM specification
- With a full cycle mechanism, it assures consistent action in tightening clamps, eliminating the need for a crimp gauge.
- The model 22-RCT has a light indicator, that illuminates when the tool has fully completed the clamp. It also comes with a holster.

Stock No.	Capacity	Overall Length	Piece Wt.
22-CCF	3/8" - 1"	11"	1-1/4 Lbs
22-RCT	3/8" - 1"	9-1/2"	2-1/2 Lbs

Warning: Do not use Ratchet Cinch Clamp Fastener to remove Cinch Clamps; this will cause damage to the tool, resulting in improper connections.



PEX RING REMOVER

This tool is designed for fitting recovery without damaging the fittings. The hardened and sharp cutting blade cuts through the rings quickly and easily.

Stock No.	Capacity	Overall Length	Piece Wt.
22-PEXRR	3/8" - 1"	9-1/2"	1 Lbs



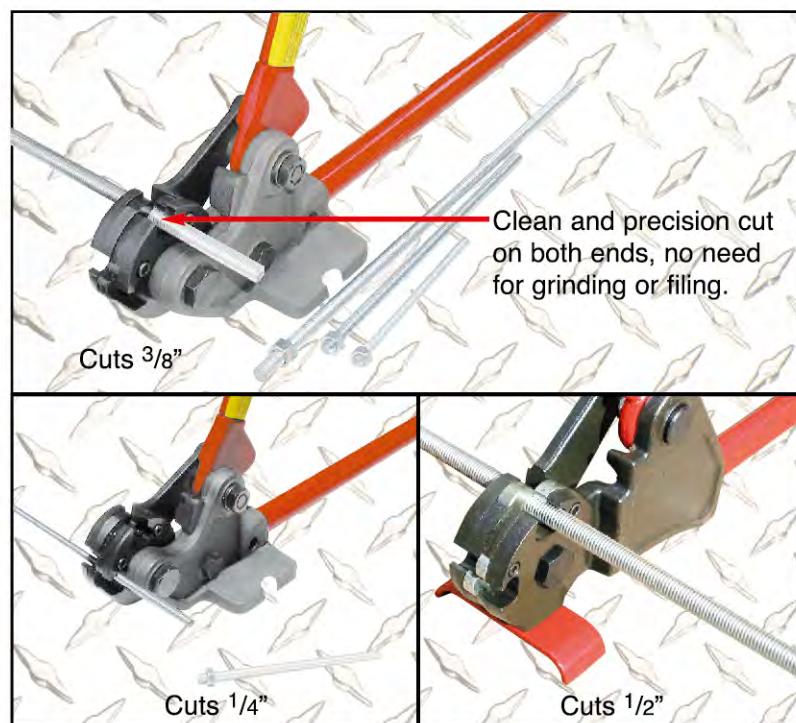
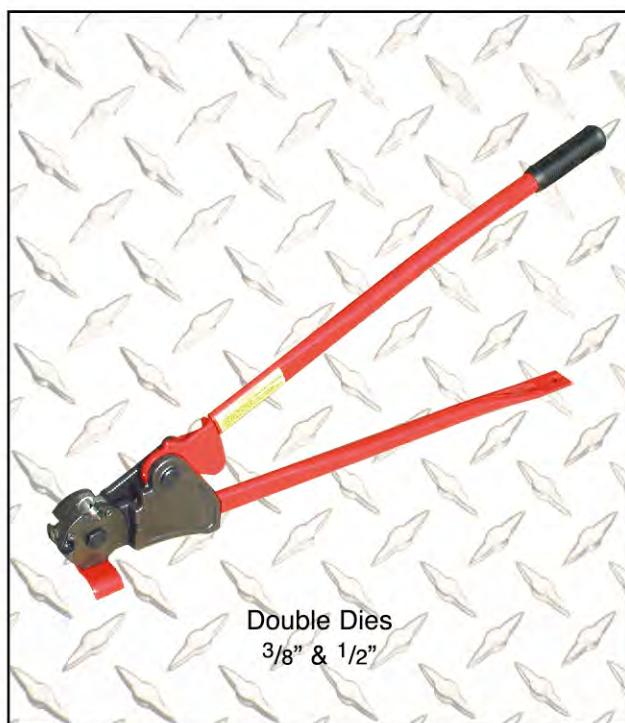
ALL THREAD CUTTER

No More Grinding!

- Forged alloy steel head with heat treated cutting dies.
- Cuts fast, clean, precisely and eliminates grinding or filing.
- Efficiently cuts $1/4"$, $5/16"$, $3/8"$ and $1/2"$ soft steel thread rods only.
- Used primarily on construction sites where threaded rod is used to secure pipe, conduit sprinkler systems, duct work, lighting, ceiling, and many other construction components.
- Mounting holes for fast, easy permanent mounting to work surface.
- The single die model comes with a $3/8"$ die and the double-die model comes with $3/8"$ and $1/4"$ dies, or $3/8"$ and $1/2"$. The $5/16"$ die can be ordered separately.

 $3/8"$ Single Die**How to change the dies:**

1. Open the top handle all the way, loosen 2 screws and remove old dies.
2. Put the new dies and line them up, tighten screws only 80% and keep handle up.
3. Put threaded rod in place and bring handle down (do not cut) to make sure the teeth of the die match the thread of the threaded rod, and then tighten the 2 screws all the way.



Stock No.	Overall Length	No. of Die	Capacity	Cutting Die Set	Piece Wt.
22-TRC38	29"	Single	$3/8"$	$3/8"-16$	9 Lb
22-TRC1438	29"	Double	$1/4"$, $3/8"$	$1/4"-20$, $3/8"-16$	9 Lb
22-TRC3812	35"	Double	$3/8"$, $1/2"$	$3/8"-16$, $1/2"-13$	15 Lb
22-TRC14D	-	Replacement Die	$1/4"$	$1/4"-20$	$1/8$ Lb
22-TRC516D	-	Replacement Die	$5/16"$	$5/16"-18$	$1/8$ Lb
22-TRC38DN	-	Replacement Die	$3/8"$	$3/8"-16$	$1/8$ Lb
22-TRC12D	-	Replacement Die	$1/2"$	$1/2"-13$	$1/8$ Lb

NOTE: This threaded rod cutter is designed for cutting soft threaded rod, not for cutting hardened and stainless threaded rod

ANGLE DRILL PRESS VISE

- Adjusts quickly to a full 90 degrees vertical or horizontal position.
- High tensile and durable iron casting body. Two bolt-slots on base.

Stock No.	Jaw Size	Max. Opening	Base Size	Piece Wt.
14-AV312H	3 1/2"	3 1/2"	9" x 3 1/2"	11 1/4 Lbs.



MECHANIC'S VISE

- Strong ductile iron body, permanent pipe jaws, acme threaded and cold rolled screw.
- Positive locking swivel base rotates 180 degrees, large anvil work surface.
- Ideal for farmer, repair and automotive user.

Stock No.	Jaw Width	Max. Opening	Throat Depth	Pipe Jaw Cap.	Piece Wt.
14-MV4H	4"	4"	2 5/8"	1/8" - 2"	21 Lbs.
14-MV5H	5"	4 3/4"	3 1/4"	1/8" - 2"	31 Lbs.
14-MV6H	6"	6"	4"	1/8" - 2 1/2"	45 Lbs.
14-MV7H	7"	7"	4 1/4"	1/8" - 3"	53 Lbs.



STEEL VISE

- Rugged cast steel construction and steel channel beam with serrated jaws.
- Built in horizontal pipe jaws. • Large flat anvil surface with curved horn.
- 360 degrees sivel base with double swivel lock-down.

Stock No.	Jaw Width	Max. Opening	Throat Depth	Pipe Jaw Cap.	Piece Wt.
14-SV4	4"	4"	2 1/2"	1/2" - 1"	22 Lbs.
14-SV5	5"	5"	2 5/8"	7/8" - 1 3/8"	31 Lbs.
14-SV6	6"	6"	3"	1" - 1 1/2"	36 Lbs.
14-SV8	8"	8"	3 1/2"	1 1/4" - 3 3/4"	49 Lbs.
14-SV10	10"	10"	4"	5/8" - 3"	58 Lbs.



WELDING C-CLAMPS

- Rugged ductile iron frames with copper plated spindle and screw for resistance to welding spatter and corrosion.
- The original carriage clamp designed for the home craftsman, and welder.

Stock No.	Capacity	Throat Depth	Spindle	Piece Wt.
15-CC20H	2"	1"	3/8"	5/8 Lbs.
15-CC30H	3"	2"	9/16"	1 1/2 Lbs.
15-CC40H	4"	2 1/2"	9/16"	1 5/8 Lbs.
15-CC50H	5"	2 5/8"	19/32"	2 3/4 Lbs.
15-CC60H	6"	2 3/4"	19/32"	3 3/4 Lbs.
15-CC80H	8"	3 3/8"	19/32"	5 1/4 Lbs.
15-CC10H	10"	3 3/8"	11/16"	6 7/8 Lbs.
15-CC12H	12"	3 5/8"	11/16"	8 7/8 Lbs.



400 SERIES FORGED WELDING C-CLAMPS

- Forged alloy steel frame with extra deep-throat.
- Copper plated spindles and handle for resistance to welding spatter and corrosion.
- Industry's first choice for maintenance, production and repair work.

Stock No.	Capacity	Throat Depth	Spindle	Piece Wt.
15-CC2F-1	2"	2 1/4"	9/16"	2 Lbs.
15-CC3F-1	3"	2 1/2"	5/8"	3 1/4 Lbs.
15-CC4F-1	4"	3 1/4"	3/4"	4 Lbs.
15-CC6F-1	6"	4 1/8"	3/4"	6 Lbs.
15-CC8F-1	8"	5"	3/4"	7 Lbs.
15-CC10F-1	10"	6"	3/4"	11 Lbs.
15-CC12F-1	12"	6 5/16"	7/8"	15 Lbs.



BENCH YOKE VISE

- Nodular cast iron yoke and base.
- Floating upper jaw which allows perfect adaptation to the shape of the pipe.
- Fine pitch of thread which permits a firm grip of the pipe with the minimum of effort.
- Easily adaptable to stands and work bench.
- Meets Federal specifacations GGG-V-415a Type 1, Class II.

Stock No.	Pipe Capacity	Piece Wt.
14-PV2H-14	1/8" - 2"	11 1/4 Lbs.
14-PV4H-14	1/8" - 4"	23 3/4 Lbs.



TOP SCREW CHAIN VISE

- Rugged cast iron base with V-shaped pipe rests for better positioning of pipe.
- Base designed to be anchored on work bench.
- Forged and tempered V-shaped jaws which permit safe gripping without undue effort.
- High tensile and resilience chain.

Stock No.	Pipe Capacity	Piece Wt.
14-TSCV25-14	1/8" - 2 1/2"	7 1/3 Lbs.
14-TSCV4-14	1/8" - 4"	12 1/8 Lbs.
14-TSCV6-14	1/8" - 6"	21 1/8 Lbs.



BOTTOM SCREW CHAIN VISES

- Special V shape forged alloy steel jaws designed to permit safe gripping without undue effort.
- Cast iron base with V Shape support, base designed for fastening to work bench.
- Quick pipe grip through the chain, knurled nut screw and lateral lever with cam.
- High tensile and resilience chain.

Stock No.	Pipe Capacity	Piece Wt.
14-BSCV25-14	1/8" - 2 1/2"	4 1/4 Lbs.
14-BSCV4-14	1/8" - 4"	8 1/2 Lbs.



TRIPOD VISE STAND

- Base made of alloy aluminum for lightweight and portable with a large top working area.
- Build-in chain vise, pipe rest, three pipe benders, and ceiling brace screw.
- Integral legs and tray fold for easy carrying and set up.

Stock No.	Pipe Capacity	Piece Wt.
14-TS6	1/8" - 6"	43 Lbs.



DRILL PRESS VISE

- Strong ductile iron body, serrated jaw faces, acme threaded rolled steel screws.
- Accurate and stable for attaching the moveable jaw to the vise bench.

Stock No.	Jaw Size	Max. Opening	Base Size	High	Piece Wt.
14-DPV4H	4"	3 1/4"	6 1/2" x 6 1/2"	1 1/2"	43 Lbs.



ROTARY BENCH VISE

- Durable cast steel construction, powerful clamping and holding power.
- Removable V-shaped pipe jaws and large anvil.
- 360 degrees swivel with scale. Chrome plated sliding T-bar handle.

Stock No.	Jaw Width	Max Opening	Throat Depth	Max Pip Jaw	Piece Wt.
14-V40SH	4"	3 1/2"	3"	3"	39 Lbs.
14-V50S	5"	4 1/2"	3 1/4"	3 1/2"	43 Lbs.
14-V60SH	6"	5 1/2"	3 3/8"	4 1/2"	88 Lbs



HOME SHOP VISE

- 20,000 PSI casting body with harden steel jaw faces and permanent pipe jaws.
- Black oxide spindle and handle, 270 degrees swivel base, reinforced 4-Lug base.
- With Anvil and shaping horn. Ideal for homeowner use.

Stock No.	Jaw Width	Max Opening	Throat Depth	Max Pip Jaw	Piece Wt.
14-MV4L	4 1/2"	2"	1 7/8"	1 1/2"	12 Lbs.
14-MV5L	5"	4"	2 3/4"	3"	23 Lbs.
14-MV6L	6"	4 1/2"	3 1/4"	3 1/2"	34 Lbs



14-MV4L



14-MV6L



CLAMP-ON VISE

- Casting steel body with built in pipe jaws, power coated finish.
- 270 degrees swivel base, built in pipe jaws and anvil with shaping born.
- Designed for clamping on work bench for home owner.

Stock No.	Jaw Width	Max Opening	Throat Depth	Max Pip Jaw	Piece Wt.
14-TV3H	3	2"	1 1/2"	1"	5 Lbs.



09-PB46



09-PB56

Stock No.	Overall Length	Weight
09-PB46	46"	7 Lbs
09-PB56	56"	13 Lbs

PRY BAR

- Blade is forged and hardened alloy steel with a V-notch in tapered edge.
- A heavy and strong multi-purpose tool that saves time and effort on the job.
- The 3" width protects concrete when stripping forms.
- Ideal for prying forms and can be used to help align walls during tilt-up construction, to roll and align large pipe, to remove shingles and flooring.

4" CROSS SLIDE VISE

- Durable cast iron construction. Serrated jaws provide clamping and holding power.
- Swivel crank handles for adjusting clamp forward and sideways.
- Combine with a drill press for precision drilling of metal and woodwork.

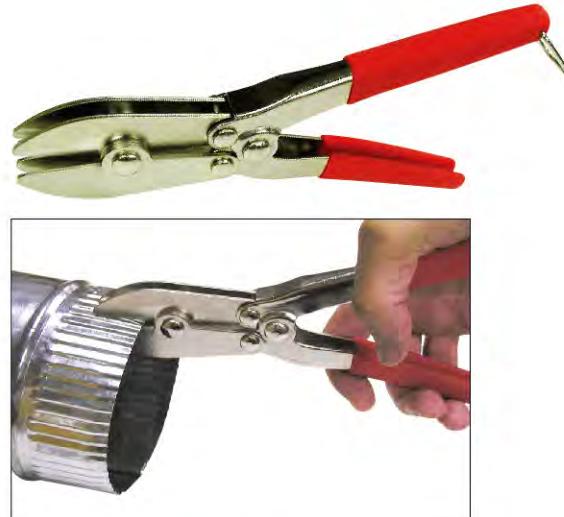
Stock No.	Jaw Width	Max Opening	Throat Depth	Cross Travel	Longitudinal Travel	Piece Wt.
14-CV4H	4"	3 5/8"	1 1/2"	3 5/8"	5"	23 Lbs.



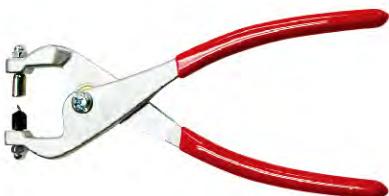
5-BLADE SHEET METAL CRIMPER

- Hardened alloy steel blades. Crimps sheet metal to create a male fitting in a round air duct stove pipe.
- Superior compound leverage mechanism.
- Comfortable opening, spring-actuated handle with cushion
- Nickel plated for corrosion resistance.
- For sheet metal job, a tighter fitting, more self supporting and leak-proof connection.

Stock No.	Overall Length	Piece Weight
03-SMC	9 1/5"	1 Lb.

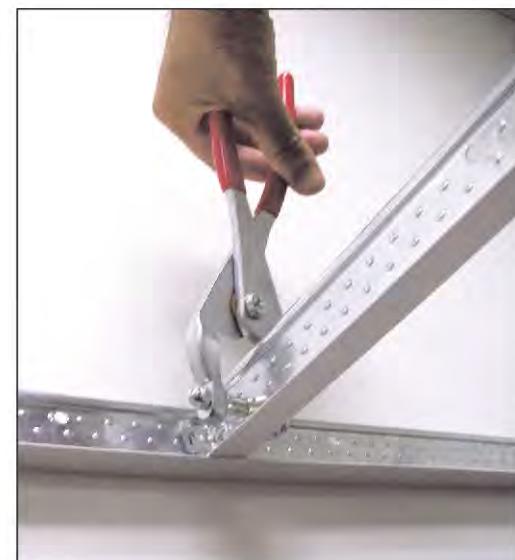


CEILING GRID PUNCH



- Compound and strong with replaced idie set.
- Light weight and easy access in tight corners by one hand.
- Punch features durable thin steel construction, nickel plated.
- For installing suspended ceiling grid cut at non-standard lengths.
- Grid punch for 1/8" rivets, punches 9/16" grid.

Stock No.	Hole Size	Length	Piece Weight	Spare Puncher set
03-PP9	1/8"	9 3/4"	1 Lbs	55-PP9-P



HEAVY DUTY ADJUSTABLE WRENCH



02-AW24H

- Forged Chrome Vanadium Steel with heat treatment.
- Polished head and chrome plated.
- Measurement scale on head conveniently shows fastener size.
- Precise specification for toughness and durability.
- Ideal for plumbers, electricians, and maintenance workers.
- Meets federal specification GGG-W-631 type I



Stock No.	Size	Capacity	Pack	Wt. Lb.
02-AW4H	4"	11/16" (17mm)	1	1/8
02-AW6H	6"	3/4" (20mm)	1	1/4
02-AW8H	8"	15/16" (24mm)	1	1/2
02-AW10H	10"	1 1/8" (29mm)	1	3/4
02-AW12H	12"	1 7/16" (37mm)	1	1 1/2
02-AW15H	15"	1 13/16" (46mm)	1	3
02-AW18H	18"	2 9/32" (58mm)	1	5 1/8
02-AW24H	24"	2 3/4" (70mm)	1	9 1/4

6-PC GEARLESS WRENCH



- Forged Chrome Molybdenum steel, polished and tempered.
- Flat drive design prevents fixing corners rounding off.
- Ultra smooth gearless ratchet mechanism with 3° ratchet backlash.
- Deluxe wooden storage case.

Stock No.	Size	Weight
01-GW6	3/8", 7/16", 1/2", 9/16", 5/8", 3/4"	3 Lbs
01-GW6M	10, 11, 13, 14, 17, 19 mm	3 Lbs



20-PC 1/2" DR. DUAL-USE SOCKET SET

- Forged chrome vanadium steel, hardened and tempered
- Triple polished and chrome plated
- Industrial grade for extra long lasting



12-SK2012-2

- SAE/Metric sockets fit both SAE & Metric nuts and bolts
- Size metric: 10mm - 26mm, SAE: $\frac{3}{8}$ " - $1\frac{1}{32}$ "
- 1 PC quick release ratchet handle
- 17 PC sockets: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26 mm. Also $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{15}{32}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{23}{32}$ ", $\frac{3}{4}$ ", $\frac{25}{32}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{29}{32}$ ", $\frac{15}{16}$ ", 1", $1\frac{1}{32}$ "
- 1 PC 125mm (5") Extension Bar
- 1 PC Universal Joint

26-PC 3/8" DR. DUAL-USE SOCKET SET

- Forged chrome vanadium steel, hardened and tempered
- Triple polished and chrome plated
- Industrial grade for extra long lasting



12-SK2638-2

- SAE/Metric sockets fit both SAE & Metric nuts and bolts
- Size metric: 8mm - 22mm, SAE: $\frac{5}{16}$ " - $\frac{7}{8}$ "
- 1 PC quick release ratchet handle
- 14 PC sockets: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22 mm. Also $\frac{5}{16}$ ", $\frac{11}{32}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{15}{32}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{19}{32}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{23}{32}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ "
- 8 PC Deep sockets: 12, 13, 14, 16, 17, 19, 21, 22 mm Also $\frac{15}{32}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ "
- 2 PC Extension Bar 75 & 150 mm (3" & 6")
- 1 PC Universal Joint

41-PC 3/8" & 1/4" DR. SOCKET SET

- Forged chrome vanadium steel, hardened and tempered
- Triple polished and chrome plated
- Industrial grade for extra long lasting



12-SK413814-2

- 1 PC 3/8" DR. 72 teeth ratchet handle
- 9 PC 1/4" DR. sockets: 4, 5, 6, 7, 8, 9, 10, 11, 12 mm
- 9 PC 1/4" DR. sockets: $\frac{3}{16}$ ", $\frac{7}{32}$ ", $\frac{1}{4}$ ", $\frac{9}{32}$ ", $\frac{5}{16}$ ", $\frac{11}{32}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ "
- 9 PC 3/8" DR. sockets: 9, 10, 11, 12, 13, 14, 16, 17, 19 mm.
- 7 PC 3/8" DR. sockets: $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ "
- 1 1/4" (M) x 3/8" (F) adaptor
- 1 PC 1/4" DR. spinner handle
- 2 PC 3/8" DR. spark plug $\frac{5}{8}$ ", $\frac{13}{16}$ "
- 1 PC 3/8" DR. 3" extension bar

15-PC 3/8" DR. SOCKET SET

- Forged chrome vanadium steel, hardened and tempered
- Triple polished and chrome plated
- Industrial grade for extra long lasting



12-SK41538-2

- 1 PC 3/8" DR. quick release ratchet handle
- 10 PC 3/8" DR. sockets: $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ "
- 1 PC 3/8" DR universal Joint
- 2 PC 3" & 6" DR. extension bar

LOAD BINDER

- Forged alloy steel construction and heat-treated
- Easy to use with lever or ratchet type handle and 360 degrees swivel hooks.
- Powder coat finish and complies with U.S. DOT regulations.

Stock No.	Type	Chain Size	Handle	Take-Up	Working Load Limit	Weight
16-LB14	Lever	$\frac{1}{36}$ " - $\frac{1}{4}$ "	11-7/8"	2 $\frac{3}{4}$ "	2,600 Lbs	3 $\frac{1}{2}$ Lbs
16-LB38	Lever	$\frac{5}{16}$ " - $\frac{3}{8}$ "	15 $\frac{3}{4}$ "	4"	5,400 Lbs	9 Lbs
16-LB12	Lever	$\frac{3}{8}$ " - $\frac{1}{2}$ "	18 $\frac{1}{2}$ "	4"	9,200 Lbs	12 Lbs
16-LB38R	Ratchet	$\frac{5}{16}$ " - $\frac{3}{8}$ "	15"	8"	5,400 Lbs	11 Lbs
16-LB12R	Ratchet	$\frac{3}{8}$ " - $\frac{1}{2}$ "	15"	8"	9,200 Lbs	13 Lbs

CAUTION:

Do not exceed working load limit. Do not use for overhead lifting. Do not use if any components are damaged or worn.



PALLET TRUCK

- Heavy duty with powder coated finish.
- Easy-to use with large comfortable grip handle, fingertip controls, and 210 degree turning radius.
- Entry and exit rollers and solid steel push rods.
- Articulation axle maintains wheel contact on uneven floor surfaces.
- Polyurethane over steer wheel with lifetime lubricated bearings.



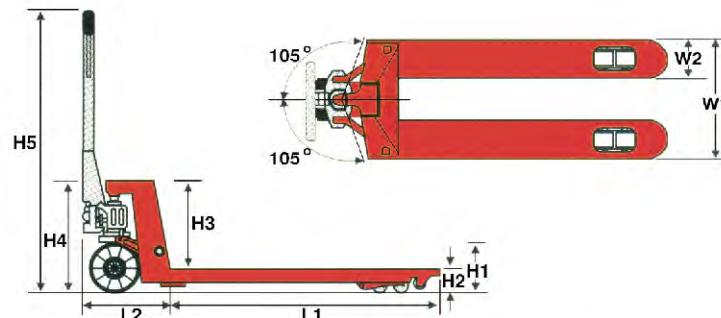
Comfortable grip handle with fingertip controls



Entry/exit rollers and solid steel push rod



Polyurethane over steer wheels, pump features overload protection



20-PJ2748DN



DF PUMP



BT PUMP

Stock No.	Capacity	Type	Direction	W1	W2	H5	H4	H3	H2	H1	L1	L2	Weight
20-PJ2748	5500 Lbs	AC	2-WAY	27"	6 1/4"	47"	18"	14 1/2"	2 5/8"	7 1/4"	48"	15 1/8"	198 Lbs
20-PJ2742	5500 Lbs	AC	2-WAY	27"	6 1/4"	47"	18"	14 1/2"	2 5/8"	7 1/4"	42"	15 1/8"	192 Lbs
20-PJ2136	5500 Lbs	AC	2-WAY	21"	6 1/4"	47"	18"	14 1/2"	2 5/8"	7 1/4"	36"	15 1/8"	173 Lbs
20-PJ2148	5500 Lbs	AC	2-WAY	21"	6 1/4"	47"	18"	14 1/2"	2 5/8"	7 1/4"	48"	15 1/8"	188 Lbs
20-PJ3	6600 Lbs	AC	2-WAY	27"	6 1/4"	47"	18"	14 1/2"	2 5/8"	7 1/4"	48"	15 1/8"	203 Lbs
20-PJ27484	5500 Lbs	AC	4-WAY	27"	6 1/4"	47"	18"	14 1/2"	2 5/8"	7 1/4"	48"	15 1/8"	198 Lbs
20-PJ2748BT	5500 Lbs	BT	2-WAY	27"	6 1/4"	47"	17 1/2"	13 3/4"	2 5/8"	7 1/4"	48"	15 1/8"	198 Lbs
20-PJ1836D	5500 Lbs	DF	2-WAY	18"	6 1/4"	47"	17 1/2"	13 3/4"	2 5/8"	7 1/4"	36"	15"	132 Lbs
20-PJ1848D	5500 Lbs	DF	2-WAY	18"	6 1/4"	47"	17 1/2"	13 3/4"	2 5/8"	7 1/4"	48"	15"	143 Lbs
20-PJ2132D	5500 Lbs	DF	2-WAY	21"	6 1/4"	47"	17 1/2"	13 3/4"	2 5/8"	7 1/4"	32"	15"	139 Lbs
20-PJ2136D	5500 Lbs	DF	2-WAY	21"	6 1/4"	47"	17 1/2"	13 3/4"	2 5/8"	7 1/4"	36"	15"	159 Lbs
20-PJ2142D	5500 Lbs	DF	2-WAY	21"	6 1/4"	47"	17 1/2"	13 3/4"	2 5/8"	7 1/4"	42"	15"	148 Lbs
20-PJ2148D	5500 Lbs	DF	2-WAY	21"	6 1/4"	47"	17 1/2"	13 3/4"	2 5/8"	7 1/4"	48"	15"	152 Lbs
20-FJ2748D	5500 Lbs	DF	2-WAY	27"	6 1/4"	47"	17 1/2"	13 3/4"	2 5/8"	7 1/4"	48"	15"	189 Lbs
20-FJ2748DN	5500 Lbs	DF	2-WAY	27"	6 1/4"	47"	17 1/2"	13 3/4"	2 5/8"	7 1/4"	48"	15"	189 Lbs

INDUSTRIAL TOE JACKS

- Designed for lifting, spreading, pushing for multi-function use.
- For low or high clearances increases versatility.
- With overload protection valve prevents pass maximum capacity.
- Spring assisted return and over-travel protection increases jack life.
- Complies with ANSI/ASME B30.1 Standards.

Stock No.	Toe Cap.	Head Cap.	Toe Ht Min	Toe Ht Max	Head Ht Min	Head Ht Max	Weight
20-TJ2	2 tons	3 tons	5/8 "	4-7/16"	9-3/8 "	13-3/4 "	18Lbs
20-TJ5	5 tons	6 tons	7/8 "	4-3/4 "	11-3/4 "	16-1/8 "	53Lbs
20-TJ10	10 tons	14 tons	1-1/8 "	5-3/4 "	13-1/8 "	18-1/2 "	84Lbs



2 TON PALLET PULLER

- Made of solid steel with heat treatment.
- Do not use for lifting.
- Designed to pull pallets across a smooth floor.
- For unloading truck at ground level and extending forklift reach.



20-TJ2

FORKLIFT JACK

- Designed for using on forklift machine, tractors, and farm equipment.
- Pump features safety overload and top-of-stroke bypass valve system.
- Complies with ANSI ASME/PALD-10 standards.

Stock No.	Capacity		Scissor's		Post's		Handle	Overall Size	Weight
	Scissor	Post	Low	Height	Low	Height			
20-FLJ5	8000 Lbs	11,000 Lbs	2 9/16"	16 5/16"	16 5/16"	28 1/2"	33"	26 3/4" x 8 1/4" x 16 3/8"	104 Lbs



20-RJ5

RATCHET JACK

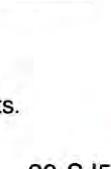
- Forged alloy steel ratchets with heat treatment.
- Double-lever stocks for jacking in tightest quarters.
- Large base ensures a firm foundation.
- Both toe and post can support the weight.
- Ductile iron housing for maximum strength.
- Steel lever bar sold separately.

Stock No.	Capacity (Ton)		Toe Max. Height	Toe Min. Low	Post Max. Height	Post Min. Height	Base Size	Weight	Handle
	Toe	Post							
20-RJ5	2.5	5	6 1/2"	1 5/8"	20 5/8"	14 1/4"	7 1/2" x 5"	23 Lbs	20-RJ5H
20-RJ10	5	10	8"	1 3/4"	24 3/8"	16 1/2""	8 5/8" x 5 3/4"	40 Lbs	20-RJ10H
20-RJ15	7.5	15	11"	2 3/16"	34 1/4"	23 1/4"	9 7/8" x 7 1/4"	68 Lbs	20-RJ15H

SCREW JACKS

- Built-in handle easy to carry and position.
- Compliance ANSI/AMSE B30.1 standard.
- Less effort required to lift load. Corrugated steel swivel hand turns easily under load.
- Turning bar is an option.
- Mechanical jack for all purpose lifts and supports.

Stock No.	Capacity	Min. Low	Max Height	Head Dia.	Base Size	Weight	Turning Bars	Weight
20-SJ5	5 ton	9"	13"	2 3/8"	4 1/2"	7 Lbs	20-SJ5H-1	3 Lbs
20-SJ10	10 ton	11"	17 1/2"	3 1/16"	5 1/4"	19 Lbs	20-SJ10H-1	4 Lbs
20-SJ15	15 ton	13 3/4"	21"	3 1/2"	6"	28 Lbs	20-SJ15H-1	5 Lbs
20-SJ20	20 ton	16"	25"	4 1/8"	6 7/8"	36 Lbs	20-SJ20H-1	8 Lbs
20-SJ25	25 ton	16 1/2"	25 1/4"	4 3/8"	8"	44 Lbs	20-SJ25H-1	8 Lbs



Turning bar

HEAVY DUTY HYDRAULIC BOTTLE JACKS

- Forged base for maximum strength and product life.
- Electrically welded base and cylinder avoid leaking oil.
- All models work in up right, angle or horizontal positions.
- With carrying handle for easy transportation.
- Chrome plated piston and ram for rust resistance.

Stock No.	Ton	Max. Height	Min. Height	Piston Height	Head Screw	Base Size	Weight
20-BJ2H	2	13-5/8"	7-1/8"	4-1/2"	2"	4-1/4"x2-1/2"	5 Lbs
20-BJ3H	3	14-3/8"	7-1/2"	4-1/2"	2-3/8"	5" x 3"	6 Lbs
20-BJ5H	5	15-1/2"	7-7/8"	4-5/8"	2-3/4"	5-5/8"x3-1/4"	9 Lbs
20-BJ8H	8	15-1/2"	7-7/8"	4-5/8"	2-3/4"	6"x3-1/2"	13 Lbs
20-BJ12H	12	18-1/2"	9-1/2"	5-7/8"	3-1/8"	6-1/2"x4-1/8"	18 Lbs
20-BJ12HL	12 Low	13-3/8"	6-3/4"	3-3/4"	3"	6-1/2"x4-1/8"	15 Lbs
20-BJ22H	22	16-7/8"	10-5/8"	6-1/4"	--	7-1/8"x5-1/2"	26 Lbs
20-BJ22HL	22 Low	12"	7-1/8"	3-3/8"	1-1/2"	7-1/8"x5-1/2"	20 Lbs
20-BJ32H	32	17-1/2"	11"	6-1/4"	--	5 1/2" x 7 1/2"	41 Lbs
20-BJ50H	55	14"	9-3/8"	6-3/4"	--	7" x 8 1/2"	67 Lbs



HYDRAULIC LIFT TABLE

- Heavy duty steel frame and table ensures rugged use, long-lasting.
- Smooth rolling polyurethane casters with parking brake.
- Easy-to-use hydraulic foot pump raises table to desired heights.
- Safety overload with top-of-stroke bypass system provides safety protection.
- Handle can be folded down for easy storage.
- Ideal for lifting, positioning, and transporting heavy material around factory, office, and warehouse.
- 20-LT770D model feature double scissors.



20-LT770D

20-LT330

Stock No.	Capacity	Max. Height	Min. Height	Table Size	Overall Length	Handle Height	Stroks To Max. Height	WT (Lbs)
20-LT330	330 Lbs	29 1/2"	8 5/8"	27 1/2" x 17 1/2"	31"	37 3/8"	28	108
20-LT660	660 Lbs	34 5/8"	11 1/4"	32" x 19 5/8"	37"	39"	27	169
20-LT1100	1100 Lbs	34 5/8"	11 1/4"	32" x 19 5/8"	37"	39"	27	178
20-LT1650	1650 Lbs	43 1/4"	16 1/2"	39 3/8" x 20"	40"	39 3/8"	43	264
20-LT770D	770 Lbs	51 1/8"	14"	35 3/4" x 19 5/8"	38 1/2"	38 3/8"	53	299

PLATFORM TRUCK

- Two swivel and two fixed hard rubber casters.
- Steel construction with nonskid platform.
- Wrap around rubber bumper prevents damage to walls.
- Folding handle for compact storage.

Stock No.	Capacity	Platform Size	Caster	Handle Height	Weight
08-PF1929	330 Lbs	19" W x 29" L	4"	32"	22 Lbs
08-PF2436	500 Lbs	24" W x 36" L	5"	34 1/2"	38 Lbs



Handle in folding position

08-PF1929

SERVICE CART

- All steel construction, tubular steel handle, and enamel finished.
- Smooth rolling solid rubber casters.
- Great for using in shop, garage, and warehouse.

Stock No.	Capacity	No. of Tray	Size	Caster	Weight
08-SC1630	500 Lbs	2	30" L x 16" W x 32" H	4"	35 Lbs
08-SC16303	500 Lbs	3	30" L x 16" W x 32" H	4"	42 Lbs
08-SC2436	600 Lbs	2	36" L x 24" W x 32" H	5"	43 Lbs



08-SC2436

08-SC16303

HAND TRUCK

- Strong steel construction and ball bearing hubs.
- Heavy gauge toe plate with round corners.
- 08-HT13 model has wheel fenders and plastic load protection covers.
- 08-HT10H has wheel fenders.

Stock No.	Capacity	Wheels	Toe Plate	Frame	Wheel Fenders	Protection Covers	Weight
08-HT8	400 Lbs	8" Solid	13 3/8" x 8"	1"	No	No	26 Lbs
08-HT10	600 Lbs	10" Air	13 3/8" x 8 1/2"	1"	No	No	28 Lbs
08-HT13	800 Lbs	13" Air	13 1/2" x 8 1/2"	1 1/4"	Yes	Yes	37 Lbs
08-HT10H	800 Lbs	10" Solid	14" x 8 3/4"	1"	Yes	No	38 Lbs
08-W8-1	200 Lbs	8" Solid	TIRE	—	—	—	3.4 Lbs
08-W10-1	300 Lbs	10" Air	TIRE	—	—	—	4.0 Lbs
08-W10H-1	400 Lbs	10" Solid	TIRE	—	—	—	5.6 Lbs
08-W13-1	400 Lbs	13" Air	TIRE	—	—	—	5.4 Lbs



08-HT8

08-HT10

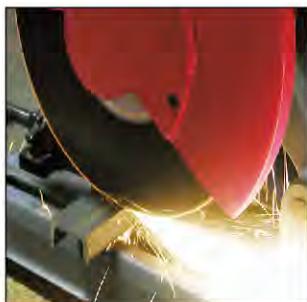
08-HT13

08-HT10H

TYPE 1 CUT-OFF WHEELS

ALUMINUM OXIDE - METAL CUTTING

- Each wheel is fully designed for long life and fast cutting performance and reinforced.
- Metal reinforced center hole.
- For cutting all ferrous metal, structural steel, rebar, pipe, and tube.



SILICON CARBIDE - MASONRY CUTTING

- Designed for fast cutting and long life performance.
- Double reinforced with high tensile fiberglass.
- For cutting masonry, brick, block, roof tile, concrete, and stone.



For Cut-Off Tool and Right Angle Grinder

STOCK NO.	SIZE	MAX RPM	BOX/CASE	CASE WT.
24-CW3132P	3" x 1/32" x 3/8"	25,000	50/1000	30 Lbs
24-CW3P	3" x 1/16" x 3/8"	25,000	100/1000	45 Lbs
24-CW314P	3" x 1/16" x 1/4"	25,000	100/1000	50 Lbs
24-CW3332P	3" x 3/32" x 3/8"	25,000	100/1000	60 Lbs
24-CW318P	3" x 1/8" x 3/8"	25,000	50/500	40 Lbs
24-CW4132P	4" x 1/32" x 3/8"	18,000	50/500	25 Lbs
24-CW4P	4" x 1/16" x 5/8"	18,000	50/500	37 Lbs
24-CW438P	4" x 1/16" x 3/8"	18,000	50/500	35 Lbs
24-CW412132P	4 1/2" x 1/32" x 7/8"	13,300	50/500	30 Lbs
24-CW412P	4 1/2" x 1/16" x 7/8"	13,300	50/500	46 Lbs
24-CW41204P	4 1/2" x 0.04" x 7/8"	13,300	50/500	35 Lbs

For Circular Saws and Right Angle Grinder

STOCK NO.	SIZE	MAX RPM	BOX/CASE	CASE WT.
24-CW504P	5" x 0.04" x 7/8"	12,000	50/300	36 Lbs
24-CW6P	6" x 1/16" x 7/8"	10,200	40/200	33 Lbs
24-CW7P	7" x 1/8" x 5/8" Dia	8,500	20/60	25 Lbs

For Chop Saws and Stationary Saws

STOCK NO.	SIZE	MAX RPM	BOX/CASE	CASE WT.
24-CW12332P	12" x 3/32" x 1"	5,100	10/40	34 Lbs
24-CW12P	12" x 1/8" x 1"	5,100	10/40	50 Lbs
24-CW12764P	12" x 7/64" x 1"	5,100	10/40	48 Lbs
24-CW14332P	14" x 3/32" x 1"	4,400	1/20	25 Lbs
24-CW14764P	14" x 7/64" x 1"	4,400	1/20	31 Lbs
24-CW14P	14" x 1/8" x 1"	4,400	1/20	34 Lbs
24-CW16P	16" x 5/32" x 1"	3,800	1/20	48 Lbs
24-CW20P	20" x 5/32" x 1"	3,000	1/10	45 Lbs

For High Speed Saws

STOCK NO.	SIZE	MAX RPM	BOX/CASE	CASE WT.
24-CW1420HP	14" x 5/32" x 20mm	5,400	1/20	39 Lbs
24-CW14HP	14" x 5/32" x 1"	5,400	1/20	39 Lbs

For High Speed Saws - Ductile

STOCK NO.	SIZE	MAX RPM	BOX/CASE	CASE WT.
24-CW1220CIP	12" x 1/8" x 20mm	6,300	10/30	38 Lbs
24-CW1420CIP	14" x 1/8" x 20mm	5,400	1/20	39 Lbs

Silicon Carbide - Masonry, Tile, Concrete

STOCK NO.	SIZE	MAX RPM	BOX/CASE	CASE WT.
24-CW7MP	7" x 1/8" x 5/8" - Dia	8,700	25/100	41 Lbs
24-CW12MP	12" x 1/8" x 1"	5,100	10/40	44 Lbs
24-CW14MP	14" x 1/8" x 1"	4,400	1/20	34 Lbs

TYPE 27 DEPRESSED CENTER GRINDING WHEELS

ALUMINUM OXIDE - METAL CUTTING



- Internally reinforced with layers of high tensile strength fiberglass.
- Unique dual grit construction for rough and finish grinding with one wheel.
- Strong, durable, and maximum safety.
- For grinding welds, steel, iron, and ferrous metal.



For Cut-Off Tool and Right Angle Grinder

STOCK NO.	SIZE	MAX RPM	BOX/CASE	CASE WT.
24-DCGW4P	4" x 1/4" x 5/8"	13,500	25/200	50 Lbs
24-DCGW412P	4 1/2" x 1/4" x 7/8"	13,300	25/100	34 Lbs
24-DCGW412HP	4 1/2" x 1/4" x 5/8" -11 HUB	13,300	25/100	55 Lbs
24-DCGW41218P	4 1/2" x 1/8" x 7/8"	13,300	25/100	18 Lbs
24-DCGW5P	5" x 1/4" x 7/8"	12,200	25/100	37 Lbs
24-DCGW7P	7" x 1/4" x 7/8"	8,500	25/50	43 Lbs
24-DCGW7HP	7" x 1/4" x 5/8" -11 HUB	8,500	10/20	23 Lbs
24-DCGW718P	7" x 1/8" x 7/8"	8,500	25/100	43 Lbs
24-DCGW718HP	7" x 1/8" x 5/8" -11 HUB	8,500	10/30	18 Lbs
24-DCGW9P	9" x 1/4" x 7/8"	6,500	10/40	52 Lbs
24-DCGW9HP	9" x 1/4" x 5/8" -11 HUB	6,500	10/20	35 LBS
24-DCGW918HP	9" x 1/8" x 5/8" -11 HUB	6,500	10/12	21 LBS
STOCK NO.	SIZE	MAX RPM	BOX/CASE	CASE WT.
24-DCGW4MP	4" x 1/4" x 5/8"	13,500	25/200	50 Lbs
24-DCGW412MP	4 1/2" x 1/4" x 7/8"	13,300	25/100	34 Lbs
24-DCGW412MHP	4 1/2" x 1/4" x 5/8" -11 HUB	13,300	25/100	55 Lbs
24-DCGW7MP	7" x 1/4" x 7/8"	8,500	25/50	43 Lbs
24-DCGW7MHP	7" x 1/4" x 7/8" -11 HUB	8,500	10/20	23 Lbs

SILICON CARBIDE - MASONRY CUTTING



- Single grit with high tensile reinforcement.
- For grinding masonry, concrete, stone, and nonferrous metal.



TYPE 27 SURFACE PREPARATION WHEELS

- Non-woven wheels designed for high production use on right angle grinder.
- Provides 100% utilization of the abrasive grains integrated in the full body of the wheel.
- Withstands heat and moisture allowing consistent performance.
- Surface preparation and cleaning steel, stainless and nonferrous metals, removes paint, welding color, and rust.

ALUMINUM OXIDE - MAROON COLOR CODE, FOR SATIN FINISH ON STAINLESS STEEL, ETC.



STOCK NO.	SIZE	MAX RPM	BOX/CASE	CASE WT.
24-SPA4	4" x 5/8"	13,500	10/120	16 Lbs
24-SPA45	4 1/2" x 7/8"	13,300	10/120	18 Lbs
24-SPA45H	4 1/2" x 5/8" -11 HUB	13,300	1/10	4 Lbs
24-SPA7	7" x 7/8"	8,500	10/80	32 Lbs
24-SPA7H	7" x 5/8" -11 HUB	8,500	1/10	6 Lbs

SILICON CARBIDE - GREY COLOR CODE, FOR FINISHING METAL, WOOD, ALUMINUM, ETC.



STOCK NO.	SIZE	MAX RPM	BOX/CASE	CASE WT.
24-SPS4	4" x 5/8"	13,500	10/120	16 Lbs
24-SP45	4 1/2" x 7/8"	13,300	10/120	18 Lbs
24-SP45H	4 1/2" x 5/8" -11 HUB	13,300	1/10	4 Lbs
24-SP7	7" x 7/8"	8,500	10/80	32 Lbs
24-SP7H	7" x 5/8" -11 HUB	8,500	1/10	6 Lbs

TYPE 3 ROLL-ON SURFACE CONDITIONING DISCS

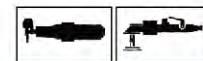


- Abrasive Coated non-woven fibers and nylon threaded hub.
- Durable, reduces loading and easy mounting to roll-on holder.
- Excellent for contoured surface, cleaning, polishing, deburring, and metal.



STOCK NO.	SIZE	COLOR/GRIT	BOX/CASE	CASE WT.
24-SCD112C	1 1/2"	Brown - Course	50/300	2.4 Lbs
24-SCD112M	1 1/2"	Maroon - Medium	50/300	2.4 Lbs
24-SCD112F	1 1/2"	Blue - Fine	50/300	2.4 Lbs
24-SCD2C	2"	Brown - Course	50/300	4.0 Lbs
24-SCD2M	2"	Maroon - Medium	50/300	4.0 Lbs
24-SCD2F	2"	Blue - Fine	50/300	4.0 Lbs
24-SCD3C	3"	Brown - Course	25/150	7.0 Lbs
24-SCD3M	3"	Maroon - Medium	25/150	7.0 Lbs
24-SCD3F	3"	Blue - Fine	25/150	7.0 Lbs
24-SCD4C	4"	Brown - Course	10/100	3.5 Lbs
24-SCD4M	4"	Maroon - Medium	10/100	3.5 Lbs
24-SCD4F	4"	Blue - Fine	10/100	3.5 Lbs
24-ROH1	1"	Roll-on Holder	125/500	35Lbs
24-ROH15	1" 1/2"	Roll-on Holder	100/400	36Lbs
24-ROH2	2"	Roll-on Holder	100/400	43 Lbs
24-ROH3	3"	Roll-on Holder	50/400	65 Lbs

QUICK CHANGE SANDING DISCS



- Aluminum oxide / zirconia grain with 2-ply cloth construction.
- Mounts easily on roll-on Holder.
- For flat and contoured surfaces, ferrous, and non-ferrous metal.



STOCK NO.	SIZE	GRIT	BOX/CASE	CASE WT.
24-SD224	2"	24 A/O	50/300	4 Lbs
24-SD236	2"	36 A/O	50/300	4 Lbs
24-SD250	2"	50 A/O	50/300	4 Lbs
24-SD260	2"	60 A/O	50/300	4 Lbs
24-SD280	2"	80 A/O	50/300	4 Lbs
24-SD2100	2"	100 A/O	50/300	4 Lbs
24-SD2120	2"	120 A/O	50/300	4 Lbs
24-SD2240	2"	240 A/O	50/300	4 Lbs
24-SD324	3"	24 A/O	50/300	8 Lbs
24-SD324Z	3"	24 ZIRCONIA	50/300	8 Lbs
24-SD336	3"	36 A/O	50/300	8 Lbs
24-SD336Z	3"	36 ZIRCONIA	50/300	8 Lbs
24-SD350	3"	50 A/O	50/300	8 Lbs
24-SD360	3"	60 A/O	50/300	8 Lbs
24-SD360Z	3"	60 ZIRCONIA	50/300	8 Lbs
24-SD380	3"	80 A/O	50/300	8 Lbs
24-SD3100	3"	100 A/O	50/300	8 Lbs
24-SD3120	3"	120 A/O	50/300	8 Lbs
24-SD3150	3"	150 A/O	50/300	8 Lbs
24-SD3220	3"	220 A/O	50/300	8 Lbs

RESIN FIBER DISCS



ALUMINUM OXIDE

- Resin over resin bond and grains applied by electrostatic process, heavy vulcanized fiber backing.
- Stripping paint on metal, wood, and fiberglass.



STOCK NO.	DIAM.	ARBOR	GRIT	PC/CASE
24-RFD416	4"	5/8"	16	25
24-RFD424	4"	5/8"	24	25
24-RFD436	4"	5/8"	36	25
24-RFD450	4"	5/8"	50	25
24-RFD460	4"	5/8"	60	25
24-RFD480	4"	5/8"	80	25
24-RFD4100	4"	5/8"	100	25
24-RFD4120	4"	5/8"	120	25
24-RFD4516	4 1/2"	7/8"	16	25
24-RFD4524	4 1/2"	7/8"	24	25
24-RFD4536	4 1/2"	7/8"	36	25
24-RFD4550	4 1/2"	7/8"	50	25
24-RFD4560	4 1/2"	7/8"	60	25

STOCK NO.	DIAM.	ARBOR	GRIT	PC/CASE
24-RFD4580	4 1/2"	7/8"	80	25
24-RFD45100	4 1/2"	7/8"	100	25
24-RFD45120	4 1/2"	7/8"	120	25
24-RFD516	5"	7/8"	16	25
24-RFD524	5"	7/8"	24	25
24-RFD536	5"	7/8"	36	25
24-RFD550	5"	7/8"	50	25
24-RFD560	5"	7/8"	60	25
24-RFD580	5"	7/8"	80	25
24-RFD5100	5"	7/8"	100	25
24-RFD5120	5"	7/8"	120	25
24-RFD716	7"	7/8"	16	25
24-RFD724	7"	7/8"	24	25
24-RFD736	7"	7/8"	36	25
24-RFD750	7"	7/8"	50	25
24-RFD760	7"	7/8"	60	25
24-RFD780	7"	7/8"	80	25
24-RFD7100	7"	7/8"	100	25
24-RFD7120	7"	7/8"	120	25
24-RFD916	9"	7/8"	16	25
24-RFD924	9"	7/8"	24	25
24-RFD936	9"	7/8"	36	25
24-RFD950	9"	7/8"	50	25
24-RFD960	9"	7/8"	60	25
24-RFD980	9"	7/8"	80	25
24-RFD9100	9"	7/8"	100	25
24-RFD9120	9"	7/8"	120	25

ZIRCONIA

- Premium zirconia abrasive grain and vulcanized fiber backing.
- Cool grinding and maximum disc life, strength-resistant to heat and moisture.
- For grinding, deburring, polishing, and stripping of metal.



STOCK NO.	DIAM.	ARBOR	GRIT	PC/CASE
24-RFD4524Z	4 1/2"	7/8"	24	25
24-RFD4536Z	4 1/2"	7/8"	36	25
24-RFD4550Z	4 1/2"	7/8"	50	25
24-RFD4560Z	4 1/2"	7/8"	60	25
24-RFD4580Z	4 1/2"	7/8"	80	25
24-RFD524Z	5"	7/8"	24	25
24-RFD536Z	5"	7/8"	36	25
24-RFD550Z	5"	7/8"	50	25
24-RFD560Z	5"	7/8"	60	25
24-RFD580Z	5"	7/8"	80	25
24-RFD724Z	7"	7/8"	24	25
24-RFD736Z	7"	7/8"	36	25
24-RFD750Z	7"	7/8"	50	25
24-RFD760Z	7"	7/8"	60	25
24-RFD780Z	7"	7/8"	80	25
24-RFD924Z	9"	7/8"	24	25
24-RFD936Z	9"	7/8"	36	25
24-RFD950Z	9"	7/8"	50	25
24-RFD960Z	9"	7/8"	60	25
24-RFD980Z	9"	7/8"	80	25

TYPE 27 FLAP DISC



- Combines the work of a depressed center grinding wheel and a fibre disc in one wheel.
- Grind, blend, and finish in one easy step, best for welds, blending and rust removal.

ALUMINUM OXIDE



STOCK NO.	DIAM.	ARBOR	GRIT	PC/CASE
24-FD440	4"	5/8"	40	20
24-FD460	4"	5/8"	60	20
24-FD480	4"	5/8"	80	20
24-FD4540	4 1/2"	7/8"	40	20
24-FD4540H	4 1/2"	5/8" -11 HUB	40	20
24-FD4560	4 1/2"	7/8"	60	20
24-FD4560H	4 1/2"	5/8" -11 HUB	60	20
24-FD4580	4 1/2"	7/8"	80	20
24-FD4580H	4 1/2"	5/8" -11 HUB	80	20
24-FD740	7"	7/8"	40	20
24-FD740H	7"	5/8" -11 HUB	40	20
24-FD760	7"	7/8"	60	20
24-FD760H	7"	5/8" -11 HUB	60	20
24-FD780	7"	7/8"	80	20
24-FD780H	7"	5/8" -11 HUB	80	20

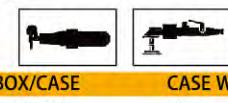
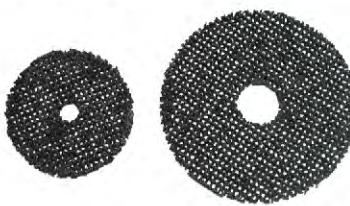
ZIRCONIA



STOCK NO.	DIAM.	ARBOR	GRIT	PC/CASE
24-FD440Z	4"	5/8"	40	20
24-FD460Z	4"	5/8"	60	20
24-FD480	4"	5/8"	80	20
24-FD4540Z	4 1/2"	7/8"	40	20
24-FD4540HZ	4 1/2"	5/8" -11 HUB	40	20
24-FD4560Z	4 1/2"	7/8"	60	20
24-FD4560HZ	4 1/2"	5/8" -11 HUB	60	20
24-FD4580Z	4 1/2"	7/8"	80	20
24-FD4580HZ	4 1/2"	5/8" -11 HUB	80	20
24-FD740Z	7"	7/8"	40	20
24-FD740HZ	7"	5/8" -11 HUB	40	20
24-FD760Z	7"	7/8"	60	20
24-FD760HZ	7"	5/8" -11 HUB	60	20
24-FD780Z	7"	7/8"	80	20
24-FD780HZ	7"	5/8" -11 HUB	80	20

SCREEN WHEELS

ALUMINUM OXIDE - FOR CUTTING SHEET METAL, DRY WALL, THIN METAL TUBE, ETC.



STOCK NO.	SIZE	GRIT	BOX/CASE	CASE WT.
22-SW3P	3" x 1/16" x 3/8"	36/46	100/600	15 Lbs
22-SW45P	4 1/2" x 1/16" x 7/8"	36/46	100/500	19 Lbs

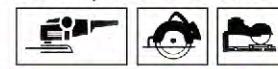
DIAMOND BLADES

CONTINUOUS RIM - FOR CUTTING TILE, CERAMIC, PORCELAIN, STONE, MASONRY, AND MARBLE.



STOCK NO.	SIZE	ARBOR	PIECE WT.
22-DSCR4H	4" x 0.07"	7/8" - 5/8"	0.25 Lbs
22-DSCR45H	4 1/2" x 0.07"	7/8" - 5/8"	0.30 Lbs
22-DSCR5H	5" x 0.07"	7/8" - 5/8"	0.40 Lbs
22-DSCR7H	7" x 0.07"	DIA 5/8"	0.70 Lbs
22-DSCR10H	10" x 0.07"	5/8"	1.5 Lbs

TURBO RIM - FOR CUTTING STUCCO, CEMENT BOARD, ROOF TILE, STONE, MASONRY, CONCRETE, AND GRANITE



STOCK NO.	SIZE	ARBOR	PIECE WT.
22-DSTR4H	4" x 0.09"	7/8" - 5/8"	0.25 Lbs
22-DSTR45H	4 1/2" x 0.09"	7/8" - 5/8"	0.30 Lbs
22-DSTR5H	5" x 0.09"	7/8" - 5/8"	0.40 Lbs
22-DSTR7H	7" x 0.09"	DIA - 5/8"	0.70 Lbs
22-DSTR8H	8" x 0.09"	DIA - 5/8"	1.20 Lbs
22-DSTR12H	12" x 0.15"	1" - 20mm	1.30 Lbs
22-DSTR14H	14" x 0.15"	1" - 20mm	2 Lbs

TURBO RIM - DESIGNED FOR CUTTING GRANITE



STOCK NO.	SIZE	ARBOR	PIECE WT.
22-DSTG4H	4" x 0.09"	7/8" - 5/8"	0.25 Lbs
22-DSTG45H	4 1/2" x 0.09"	7/8" - 5/8"	0.30 Lbs
22-DSTG5H	5" x 0.09"	7/8" - 5/8"	0.40 Lbs
22-DSTG7H	7" x 0.09"	DIA - 5/8"	0.70 Lbs

SEGMENTED - FOR CUTTING BRICK, BLOCK, CONCRETE, MARBLE AND STONE



STOCK NO.	SIZE	ARBOR	PIECE WT.
22-DSLW4H	4" x 0.08"	7/8" - 5/8"	0.25 Lbs
22-DSLW45H	4 1/2" x 0.08"	7/8" - 5/8"	0.30 Lbs
22-DSLW5H	5" x 0.08"	7/8" - 5/8"	0.40 Lbs
22-DSLW7H	7" x 0.1"	DIA 5/8"	0.70 Lbs
22-DSLW12H	12" x 0.11"	1" - 20mm	1.30 Lbs
22-DSLW14H	14" x 0.11"	1" - 20mm	2.10 Lbs

SEGMENTED - CUTS GREEN CONCRETE AND ASPHALT



STOCK NO.	SIZE	ARBOR	PIECE WT.
22-DSAG14H	14" x 0.15"	1" - 20mm	2.10 Lbs



SEGMENTED - CUTS CURED CONCRETE



STOCK NO.	SIZE	ARBOR	PIECE WT.
22-DSCC14H	14" x 0.15"	1" - 20mm	2.10 Lbs

CUTTER SELECTION

	Bars, Round Bars, Square			Reinforcing Bars	Bolts Screws Nuts	* Chain Padlock Hasps	Spring	Wire-Mesh Wire-Fence	Wire Rope ACSR	Guy wire	Flat Strapping Steel	Copper, Aluminum Cable	Non-Hard Alloy Chain
	Medium Steel HRC-31	Hard Steel HRC-42	Extra Hard HRC-48										
22-BC12H	•	•				•			•				
22-BC14H	•	•				•			•				
22-BC18H	•	•				•			•				
22-BC24H	•	•				•			•				
22-BC30H	•	•				•			•				
22-BC36H	•	•				•			•				
22-BC42H	•	•				•			•				
22-BC12R	•	•	•	•	•	•	•	•	•				•
22-BC14R	•	•	•	•	•	•	•	•	•				•
22-BC18R	•	•	•	•	•	•	•	•	•				•
22-BC24R	•	•	•	•	•	•	•	•	•				•
22-BC30R	•	•	•	•	•	•	•	•	•				•
22-BC36R	•	•	•	•	•	•	•	•	•				•
22-BC42R	•	•	•	•	•	•	•	•	•				•
22-GC24	•	•	•	•	•	•	•	•	•				•
22-GC30	•	•	•	•	•	•	•	•	•				•
22-GC36	•	•	•	•	•	•	•	•	•				•
22-AC14	•	•				•			•				
22-AC18	•	•				•			•				
22-AC24	•	•				•			•				
22-RCA800	•	•				•			•				
22-RC13B	•					•							
22-RC16B	•					•							
22-RC19	•					•							
22-SS200											•		
22-SS450											•		
22-SS600											•		
22-CC18												•	
22-CC250												•	
22-CC250R												•	
22-CC500R												•	
22-CC18H												•	
22-CC30H												•	
22-CC42H												•	
22-CC20												•	
22-CC30												•	
22-CC24P	•	•	•	•	•	•	•	•	•	•	•		•
22-CC36P	•	•	•	•	•	•	•	•	•	•	•		•
22-CC42P	•	•	•	•	•	•	•	•	•	•	•		•
22-WC24													
22-WC30													
22-WC36													
22-WC42													
22-WC16													•
22-WRC75													
22-WRC13													
22-WRC20													
22-WRC26													
22-BC18F	•	•	•	•	•	•	•	•	•	•	•		
22-BC24F	•	•	•	•	•	•	•	•	•	•	•		
22-BC30F	•	•	•	•	•	•	•	•	•	•	•		
22-BC36F	•	•	•	•	•	•	•	•	•	•	•		
22-CC250F	•	•	•	•	•	•	•	•	•	•	•		
22-CC500F													
22-WC16F													
22-GC24F	•	•	•	•	•	•	•	•	•	•	•		
22-GC30F	•	•	•	•	•	•	•	•	•	•	•		
22-GC36F	•	•	•	•	•	•	•	•	•	•	•		

Note:

- Indicates the appropriate tool for the material.
- * For Non-Hardened Material or Hardness not over 48 HRC.

Warning:

- Wear safety glasses / goggles that comply with ANSI Z87.1 "Occupational Eye and Face Protection". Wear safety shoes.

Definition of Metal Hardness:

Hard Metals: up to Brinell 400 / Rockwell C42

Medium Hard Metals: up to Brinell 300 / Rockwell C31.

Soft Metals: up to Brinell 200 / Rockwell C15.

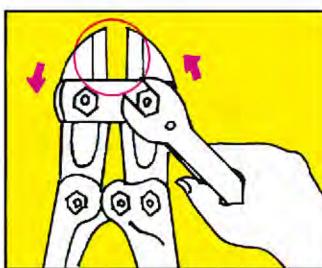
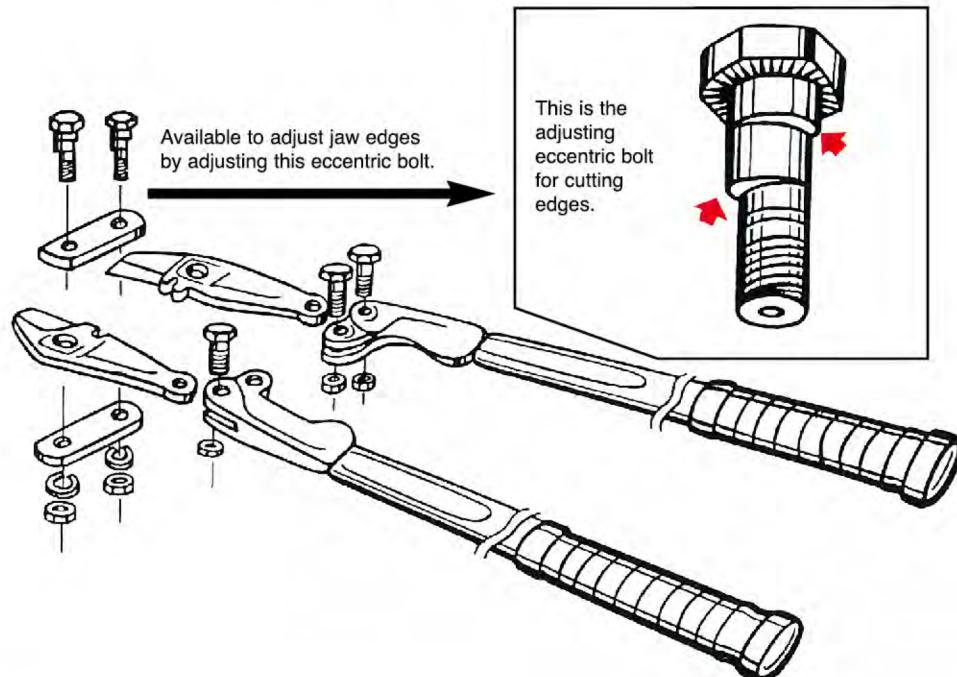
Safety Tips:

- Wear safety glasses and safety shoes when operating the cutter or when in the vicinity of another person using it.
- Use the correct tool for the material. Do not exceed the rated capacity of the tool.
- Keep the tool in a well oiled, safe-operating condition.
- Cut with the jaws at a right angle to the material. Do not bend or twist the material with the jaws.
- To minimize any flying metal, wrap a cloth, rag or burlap around the cutter's jaws.

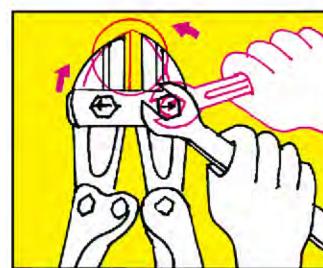


How to adjust cutting edges

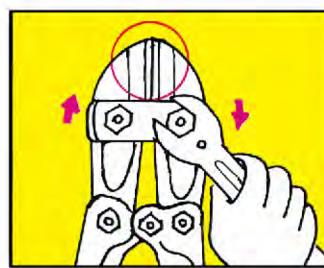
BOLT CUTTER



1. Loosen nuts on cam bolts about 360°.



2. Align cutter jaws by rotating the cam bolts; turn both arrows on cam bolt inward to close jaw.



3. Tighten both nuts.

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