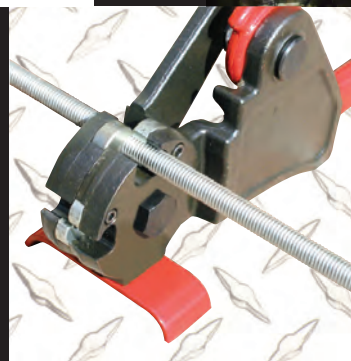


# HIT<sup>®</sup>

*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 Wrench. 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)



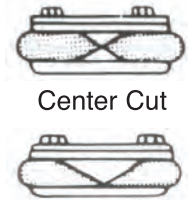
- For general purpose use, designed for cutting medium steel and soft bolts, nuts, rods, chain, and etc.
- Maximum hardness of material to be cut: Brinell 400/Rockwell C42.
- Jaws are made of drop forged high grade alloy tool steel with heat treated, precision cutting edges for longer cutting life.
-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



Replacement  
Cutter Head



Replacement  
Black Jaws



Center Cut

Clipper Cut

| 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          | 22-BC12B                | 22-BC12J               |
| 22-BC14H  | 14"            | Clipper Cut | 3/16"      | 8            | 22-BC14B                | 22-BC14J               |
| 22-BC18H  | 18"            | Clipper Cut | 3/8"       | 10           | 22-BC18B                | 22-BC18J               |
| 22-BC24C  | 24"            | Clipper Cut | 7/16"      | 11           | 22-BC24CB               | 22-BC24CJ              |
| 22-BC30C  | 30"            | Clipper Cut | 1/2"       | 12           | 22-BC-30CB              | 22-BC30CJ              |
| 22-BC36C  | 36"            | Clipper Cut | 9/16"      | 14           | 22-BC-36CB              | 22-BC36CJ              |
| 22-BC24H  | 24"            | Center Cut  | 7/16"      | 11           | 22-BC24B                | 22-BC24J               |
| 22-BC30H  | 30"            | Center Cut  | 1/2"       | 13           | 22-BC30B                | 22-BC30J               |
| 22-BC36H  | 36"            | Center Cut  | 5/8"       | 16           | 22-BC36B                | 22-BC36J               |
| 22-BC42H  | 42"            | Center Cut  | 3/4"       | 19           | 22-BC42B                | 22-BC42J               |

## HIGH TENSILE BOLT CUTTER (Red Blade)



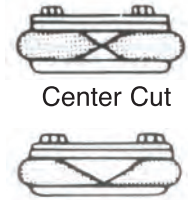
- For general purpose use, designed for cutting medium steel and soft bolts, nuts, rods, chain, and etc.
- Maximum hardness of material to be cut: Brinell 455/Rockwell C48.
- Jaws are made of drop forged high grade alloy tool steel with heat treated, precision cutting edges for longer cutting life.
-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



Replacement  
Cutter Head



Replacement  
Red Jaws



Center Cut

Clipper Cut

| 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        | 22-BC12RB               | 22-BC12RJ            |
| 22-BC14R  | 14"            | Clipper Cut | 5/16"      | 8          | 22-BC14RB               | 22-BC14RJ            |
| 22-BC18R  | 18"            | Clipper Cut | 3/8"       | 10         | 22-BC18RB               | 22-BC18RJ            |
| 22-BC24R  | 24"            | Center Cut  | 7/16"      | 11         | 22-BC24RB               | 22-BC24RJ            |
| 22-BC30R  | 30"            | Center Cut  | 1/2"       | 13         | 22-BC30RB               | 22-BC30RJ            |
| 22-BC36R  | 36"            | Center Cut  | 5/8"       | 16         | 22-BC36RB               | 22-BC36RJ            |
| 22-BC42R  | 42"            | Center Cut  | 3/4"       | 19         | 22-BC42RB               | 22-BC42RJ            |

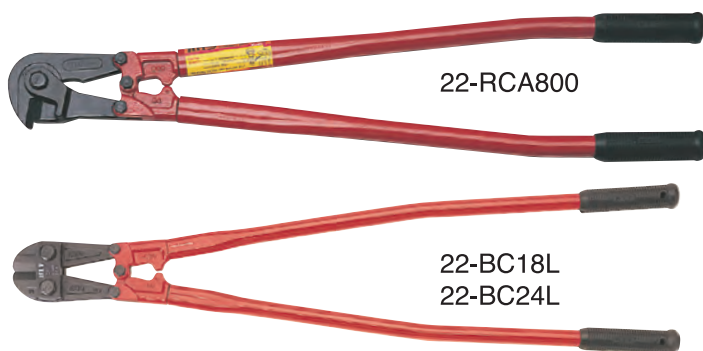
## 21" BENCH CUTTER

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



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

## MESH CUTTER



22-RCA800

22-BC18L  
22-BC24L

Overhead cut



Cuts mesh

Cuts rebar



Easy on your back

- 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.

| 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



- 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.



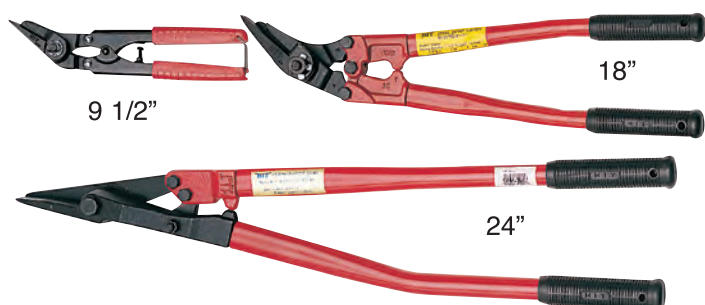
Flush cut



Flush cut

| 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



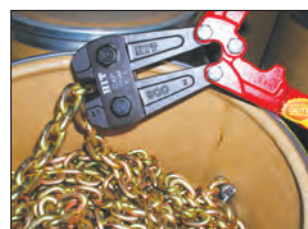
Cuts pallet strap

| 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.

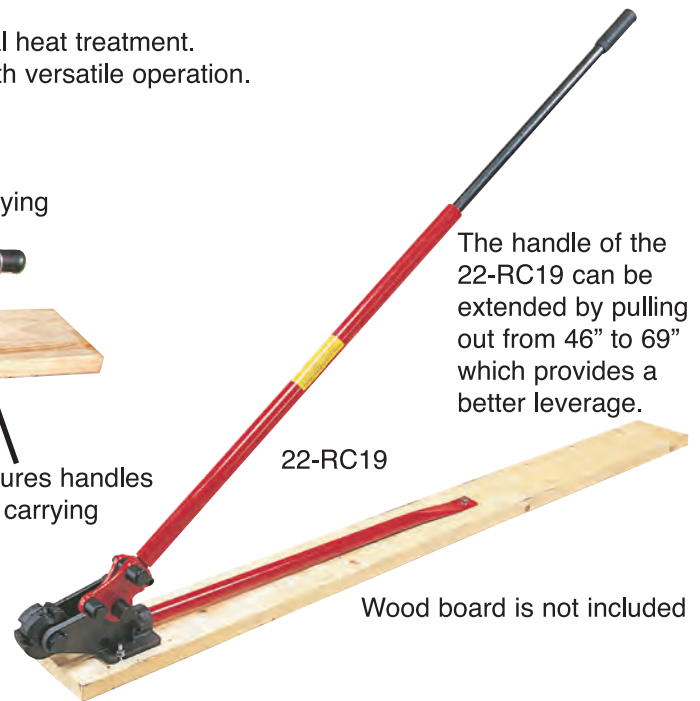
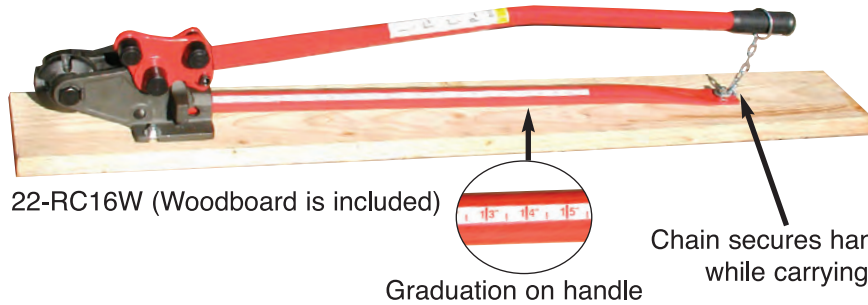


Cuts grade 70 chain

| 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



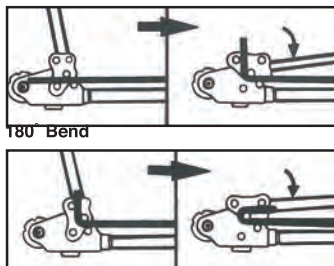
## Rebar Bender



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

### HOW TO BEND

90° Bend



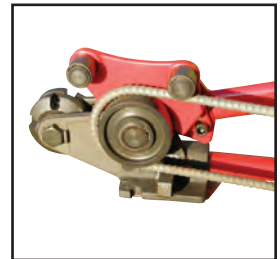
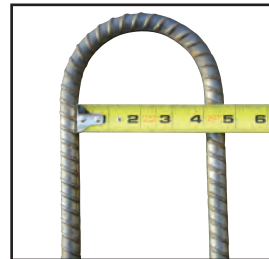
Cutting



Bending



Model 22-RC16D is able to bend #5 180° over 4" (exceeds ACI spec.)



| 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               | 9Lbs         |
| 22-RC19   | 57"            | No         | 3/4"          | 5/8"          | 55 Lbs     | 22-RC19BB               | 13 Lbs       |
| 22-RC19W  | 85"            | Yes        | 3/4"          | 5/8"          | 66Lbs      | 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



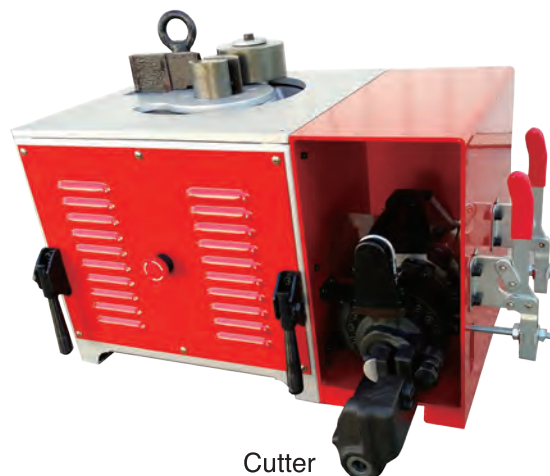
Cutting



Cutting








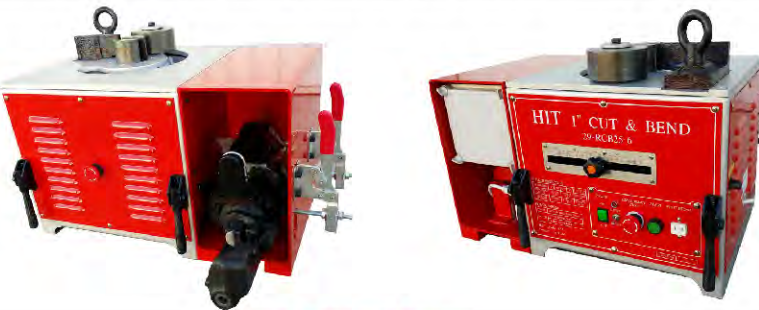


Bending



Cutter



# Electric Rebar Cutter and Bender

|   |  |   |  |  |   |
|---|--|---|--|--|---|
| <div>Rebar Cutter</div> <div>(Electric/Hydraulic)</div>               |     |  |  |   |    |
| Model No.   | 29-PCL16N  | 29-PCL19  | 29-PMC16N  | 29-PMC19   | 29-PMC25  |
| Max. Cutting Capacity   | #5 (5/8")  | #6 (3/4")   | #5 (5/8")  | #6 (3/4")  | #8 (1")   |
| Cutting Speed   | 5 Seconds  | 8 Seconds   | 1.5 Seconds  | 2.5 Seconds  | 5 Seconds   |
| Voltage   | 18V 3.0Ah  | 18V 3.0Ah   | 115V 50/60Hz   | 115V 50/60Hz   | 115V 50/60Hz  |
| AMPS  | ---  | ---   | 8.2 AMPS   | 11 AMPS  | 12 AMPS   |
| Net Weight  | 14.3 lbs   | 22 lbs  | 10.4 lbs   | 26 lbs   | 38 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"  | 18" x 6" x 10"  |
| <div>Rebar Bender</div> <div>(Electric/Mechanical)</div>              |    |   |  |  |   |
|   | 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"  |   |
| <div>Rebar Cutter &amp; Bender</div> <div>(Electric/Mechanical)</div> |  |   |  |  | <div>STAND</div>  <div>55-ST1 23"L X 17"W X 25"H for 1"<br/>55-ST34 22"L X 13"W" X 25"H for 3/4"<br/>55-ST1L 18"L X 17"W X 25"W for large 1"</div> |
|   | Model No.  | 29-RCB25-6  |  |  |   |
| 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"  |   |  |  |   |
|   |  |   |  |  | <div>FOOT PEDAL</div>  <div>55-FP</div>  |



# Electric Rebar Cutter and Bender

|                    |  |  |  |                  |
|--------------------|--|--|--|------------------|
| Rebar<br>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<br>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



Spool



Horizontal





# REBAR TIER

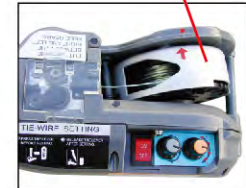
- 9.6 V. compact body and light weight, 6 Lbs only with spool and battery.
- Three wraps with 19 gauge steel wire and electro galvanized wire, ties 140 ties per coil depending on the size of the rebar.
- Save time and money, increase job productivity, much faster than manual tying, less than 0.9 second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

| Stock No.   | Product           | Rebar Size  |         | Wire | Weight With B & S |
|-------------|-------------------|-------------|---------|------|-------------------|
|             |                   | Min.        | Max.    |      |                   |
| 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             |

Adjust to  
tighten or loosen

Adjust length  
of the wire

Protects the spool



Three wraps



19 Gauge



29-RT40



Electro Galv Wire



Polyester-coated wire



Ni-Mh Battery



Charger

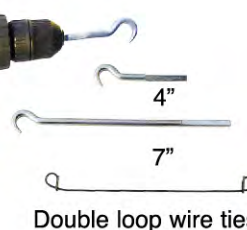


**Cordless Rebar Tier**

## 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       |



Double loop wire ties





# 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

|                   | 29-MD35                          | 29-MD40                         | 29-MD50                         |
|-------------------|----------------------------------|---------------------------------|---------------------------------|
| Electrical System | 115 V. 50/60 Hz<br>5.7 AMP 1000W | 115 V. 50/60 Hz<br>5.7 AMP 660W | 115 V. 50/60 Hz<br>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                        |



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

# 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 Hols 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<br>900W | 115 V. 50/60 Hz<br>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         | 5/64"-1/8"              | 5/64"-1/8"              |
| A DIE                      | 5/32"-1/4"              | 5/32"-1/4"              |
| B DIE                      | ---                     | 9/32"-3/8"              |
| C DIE                      |                         |                         |



29-HP20



29-HP20H

Hole Type

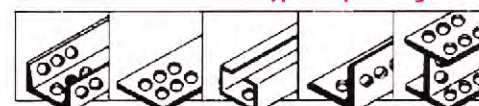


Square

Round

Oblong

29-HP20 hole 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.



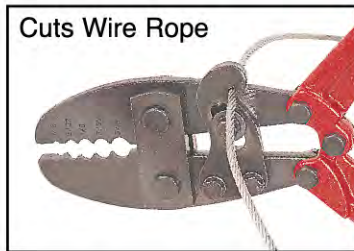
22-ST9



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               |

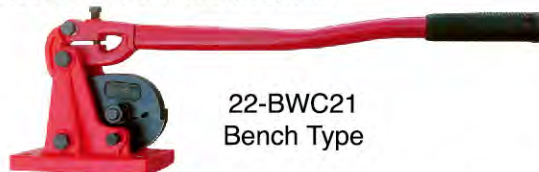


## Heavy Duty Wire Rope Cutter

- 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.



24", 30", 36", 42"

22-BWC21  
Bench Type

Cuts Wire Rope

| 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.



13", 20", 26"

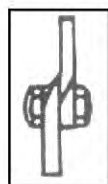


7 1/2"

| 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 <sup>2</sup>  | 1         | 2 Lb         | 22-WRC13B               |
| 22-WRC20  | 20"            | 1/2"      | 3/16"      | 9/32"      | 58mm <sup>2</sup>  | 1         | 3 3/4 Lb     | 22-WRC20B               |
| 22-WRC26  | 26"            | 5/8"      | 7/32"      | 11/32"     | 120mm <sup>2</sup> | 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.



END VIEW

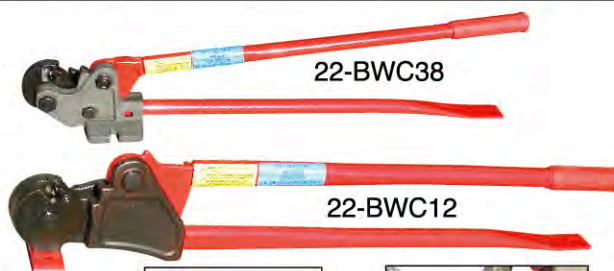


Cuts wire rope

| Stock No. | Overall Length | Capacity               |           |       |            |          | Case Pack | Piece Weight |
|-----------|----------------|------------------------|-----------|-------|------------|----------|-----------|--------------|
|           |                | Aluminum / Copper Wire | 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.



22-BWC38



22-BWC12

| 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          |



Blades



Cuts wire rope



## 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 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



29-BAT612-9



29-BC630-9

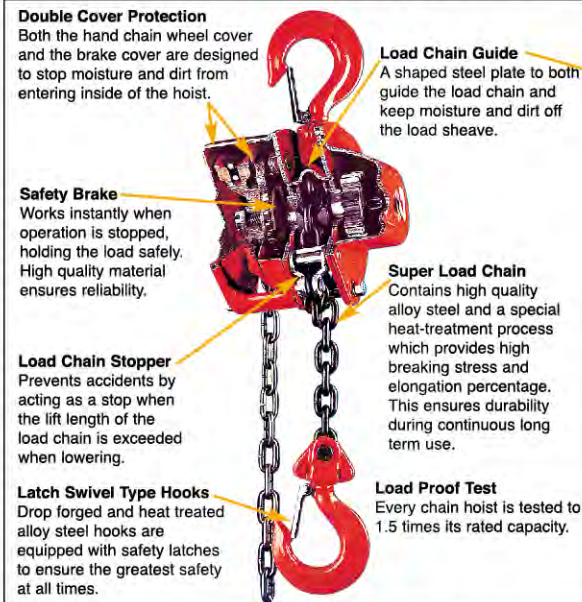




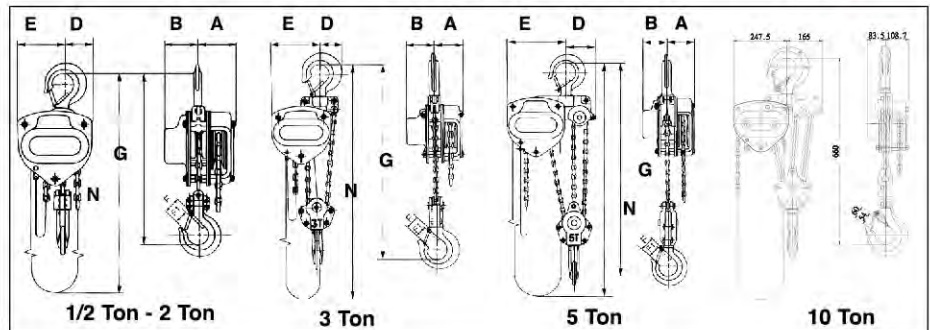
## Heavy Duty H-100 Series

# 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 Lift Load (Lbs) | Head Room (Inch) | A (Inch) | B (Inch) | D (Inch) | E (Inch) | N (Inch) | F (Inch) | F1 (Inch) | G (Inch) | 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 1/2  | 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 1/2  | 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 1/2  | 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 1/2  | 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                   |

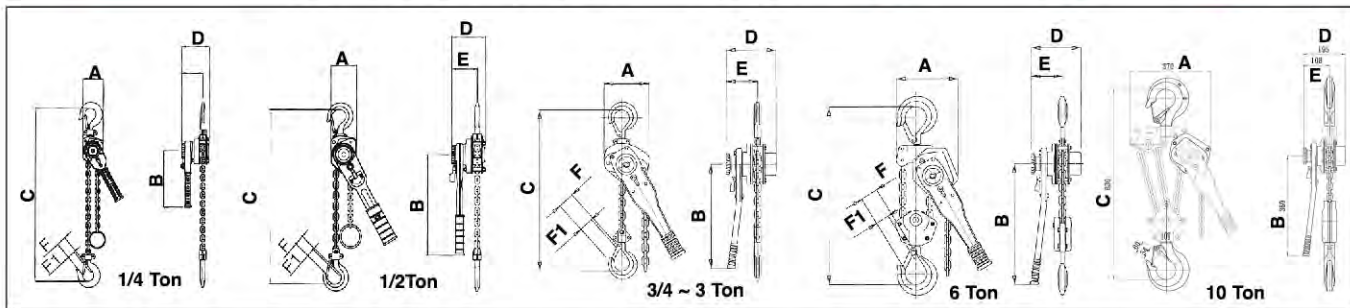
**WARNING:** Hoists are not for lifting or transporting people or lifting load over people. Before installation, read operating instruction for additional warnings and precautions. Not for use in explosive environment.



## 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.



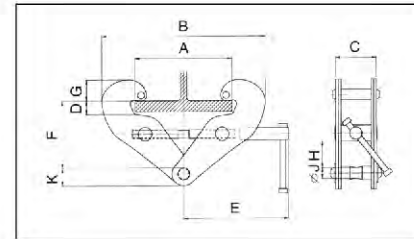
| Stock No.   | Cap.<br>(Tons) | Standard<br>Lift (Ft) | Pull To<br>Lift<br>Load (Lbs) | Load<br>Chain<br>Dia. (mm) | No. of<br>Load Chain<br>Falls | A<br>(Inch) | B<br>(Inch) | C<br>(Inch) | D<br>(Inch) | E<br>(Inch) | F<br>(Inch) | F1<br>(Inch) | Net<br>Weight<br>(Lbs) | Shipping<br>Weight<br>(Lbs) |
|-------------|----------------|-----------------------|-------------------------------|----------------------------|-------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|------------------------|-----------------------------|
| 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

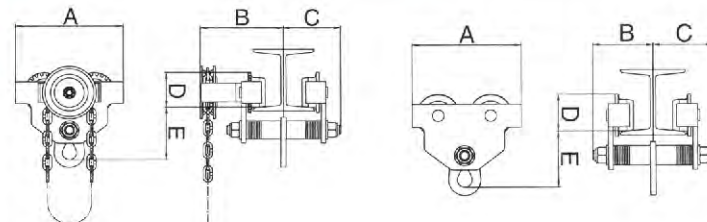
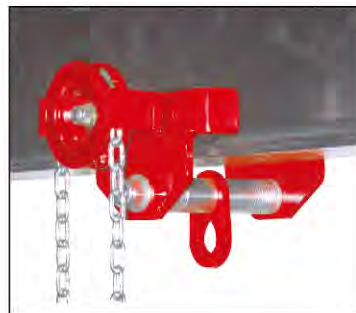
- A perfect industrial grade attachment on steel beam for the mounting of hoists from an overhead load.
- Can be used for the lifting and transfer of steel beams and as a pulling clamp.
- Specially designed clamp jaws can reduce flange stress by distributing load away from I-beam along edge.
- Smooth 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 5/16" | 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 5/16" | 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



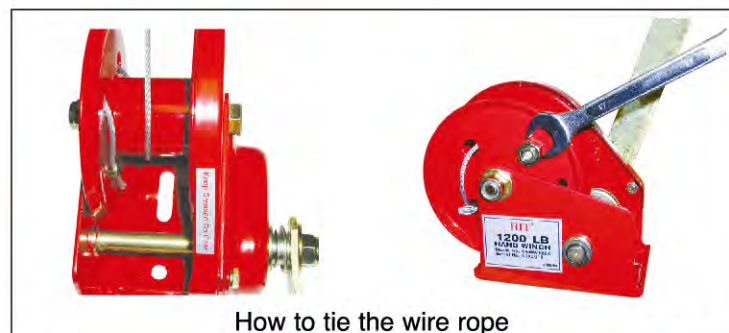
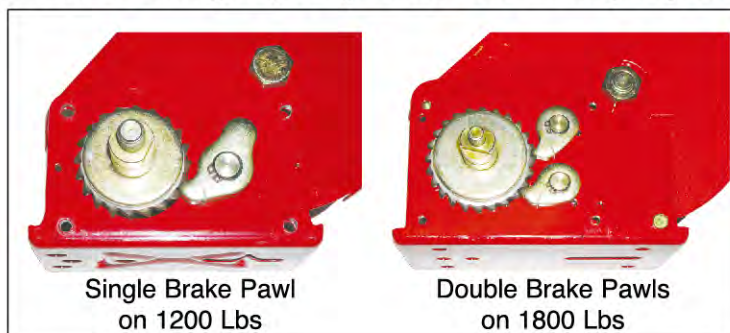
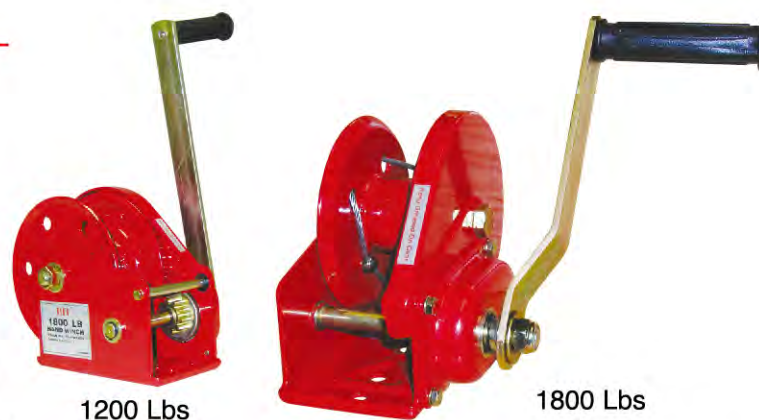
| CAP (Ton) | Plain Trolley |            |         | Geared Trolley |            |         | A       | C       | D        | E       | Beam Flange Width | Min. Radius Curve | Beam Highth (Inch) | Geared Trolley Hand Chain Length |
|-----------|---------------|------------|---------|----------------|------------|---------|---------|---------|----------|---------|-------------------|-------------------|--------------------|----------------------------------|
|           | 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 3/8"  | 16-GT2H        | 36         | 7 5/16" | 11 1/2" | 5 3/8"  | 3 1/8"   | 5 3/16" | 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 ½ 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 ½"     | 6 ¼"          | 5/32"     | 119 Ft.      | 6 ½ Lbs  |
| 16-HW1200 | 1200 Lbs         | 4.1:1      | 600 Lbs          | 2"       | 8 ¼"          | 3/16"     | 76 Ft.       | 7 ¼ Lbs  |
| 16-HW1800 | 1800 Lbs         | 5:1        | 900 Lbs          | 2 ¾"     | 12 ½"         | 9/32"     | 80 Ft.       | 17 ½ Lbs |
| 16-HW2600 | 2600 Lbs         | 10:1       | 1300 Lbs         | 3 1/8"   | 12 ½"         | 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  | ¾"       | 6"   | 3 ½" | 7 Lbs  | 22-ICC19-05 | 22-ICC19-02 |
| 22-ICC27  | 1 1/16"  | 7"   | 6 ¼" | 16 Lbs | 22-ICC27-05 | 22-ICC27-02 |
| 22-ICC38  | 1 ½"     | 9"   | 7 ¾" | 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-HCC48-02 |





## 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<br>Tons | Capacity<br>Lbs | Headroom<br>Inch | Standard Lift<br>Feet | Load Chain Dia<br>mm | Number of<br>Chain Falls | Weight(Lbs) |
|-------------|------------------|-----------------|------------------|-----------------------|----------------------|--------------------------|-------------|
| 16-CH05K    | ½                | 1100            | 11-1/4           | 10                    | 5 x 15               | 1                        | 24          |
| 16-CH05K15  | ½                | 1100            | 11-1/4           | 15                    | 5 x 15               | 1                        | 29          |
| 16-CH05K20  | ½                | 1100            | 11-1/4           | 20                    | 5 x 15               | 1                        | 34          |
| 16-CH05K30  | ½                | 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 ¼ and ½ 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 ¼ Ton and ½ 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<br>Tons | Capacity<br>Lbs | Headroom<br>Inch | Standard Lift<br>Feet | Load Chain Dia<br>mm | Number of<br>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 | ½ 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 ¼" – 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.

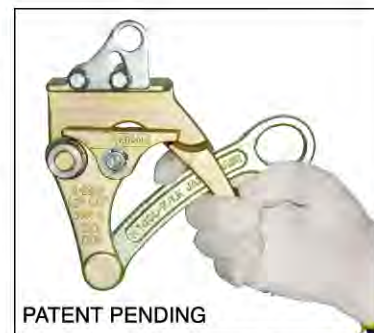
| Stock No.   | Pulling Capacity | Lifting Capacity | Gear Ratio | Hub Dia. | Handle Length | Rope Size | Rope Storage | Shipping Weight |
|-------------|------------------|------------------|------------|----------|---------------|-----------|--------------|-----------------|
| 16-HW1200-1 | 1200 Lbs         | 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 form 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  |
|---|-----------|--------------|---------------|----------------|---------|
| <b>For Bare Aluminum, AAC, ACSR, Acss, Copper Cable, *Guy Strand</b>                                    |           |              |               |                |         |
| *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  |
| <b>Hot-Line Grip Spring Loaded Latch Notched Handle (Locking)</b>                                       |           |              |               |                |         |
| 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 |
| <b>Hot-Line Grip No Spring No Notch</b>   |           |              |               |                |         |
| 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 |
| <b>For Copper Cable, Covered Cable, Tree Cable, Guy Strand</b>  |           |              |               |                |         |
| 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 |
| <b>For Copper Cable, Covered Cable, Tree Cable, Guy Strand, Steel Strand, EHS, Messenger, Wire Rope</b> |           |              |               |                |         |
| *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:

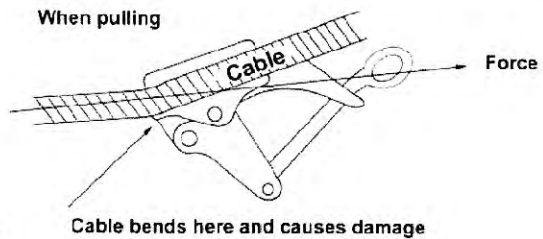
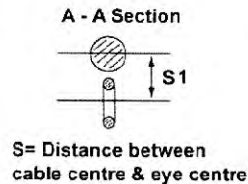
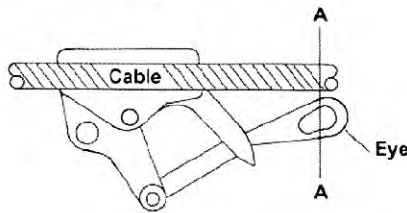
- \* Do not exceed rated capacity and always match proper size and type of grip to application. Before each use, make sure to clean jaw area and inspect grip for proper operation to avoid slippage.



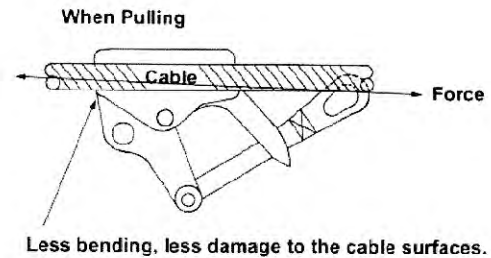
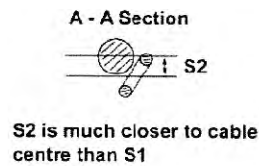
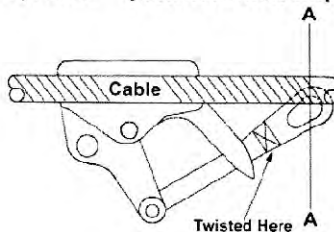
## TWIST-GRIPS (TG47, TG49, TG50A)



### 1) Normal grip on the market



### 2) Hitool patented Twist Grip

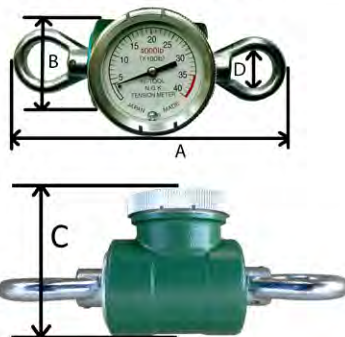


## DYNAMOMETERS

- 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 +/- 3% full scale



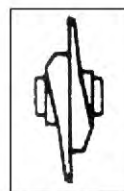
### Tension Meter Dimensions



| 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



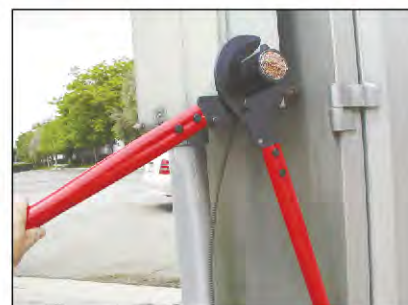
22-CC250RB

Replacement Head



22-CC36RB

Replacement Head



- 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



36"

28"

19"

19 1/2"

10"

| Stock No.    | Length  | Capacity          | ACSR  | Piece Wt. |
|--------------|---------|-------------------|-------|-----------|
|              |         | Aluminum & Copper |       |           |
| 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



END VIEW



22-ACSR24

Metal Handles



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 1/2Lb   | Fiberglass | 22-ACSRB         |

## GUY WIRE CUTTER



22-GC24

22-GC30F

- 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 Blade |
|------------|----------------|-----------------|-----------------|-------------------|
| 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         |



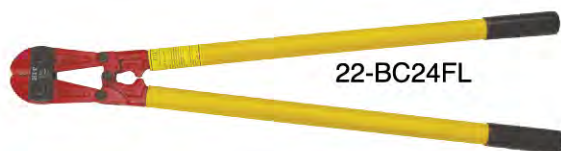
## HIGH TENSILE BOLT CUTTER (Red Blade) WITH INSULATED FIBERGLASS HANDLES



22-BC14FL



22-BC14F



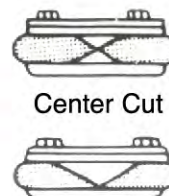
22-BC24FL



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 |
|-------------|--------|---------|---------------------------------------|---------------------------------------|---------------------------------------|------------------------------------|-------------|-----------|------------------|
|             | Handle | Overall | HRC15<br>Brinell 200<br>Soft Material | HRC31<br>Brinell 300<br>Med. Material | HRC42<br>Brinell 400<br>Hard Material | HRC48<br>Brinell 450<br>Music Wire |             |           |                  |
| 22-BC14FL-9 | 12"    | 18"     | 9/32"                                 | 1/4"                                  | 3/16"                                 | 3/16"                              | Clipper Cut | 3 1/2Lb   | 22-BC14RB        |
| 22-BC14F-9  | 8"     | 14"     | 9/32"                                 | 1/4"                                  | 3/16"                                 | 3/16"                              | Clipper Cut | 2 1/3Lb   | 22-BC14RB        |
| 22-BC18FL-9 | 18"    | 25"     | 5/16"                                 | 9/32"                                 | 1/4"                                  | 7/32"                              | Clipper Cut | 3 Lb      | 22-BC18RB        |
| 22-BC18F-9  | 11"    | 18"     | 5/16"                                 | 9/32"                                 | 1/4"                                  | 7/32"                              | Clipper Cut | 3 1/2Lb   | 22-BC18RB        |
| 22-BC24FL-9 | 24"    | 32"     | 3/8"                                  | 11/32"                                | 5/16"                                 | 9/32"                              | Center Cut  | 5 1/2Lb   | 22-BC24RB        |
| 22-BC24F-9  | 16"    | 24"     | 3/8"                                  | 11/32"                                | 5/16"                                 | 9/32"                              | Center Cut  | 6 Lb      | 22-BC24RB        |
| 22-BC30F-9  | 21"    | 30"     | 1/2"                                  | 3/8"                                  | 11/32"                                | 5/16"                              | Center Cut  | 8 1/2Lb   | 22-BC30RB        |
| 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 Sheathed Cable | Do not cut    | 3 3/8" (85mm) |
| 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. - 4/0 ACSR  
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-BAT612-9



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.

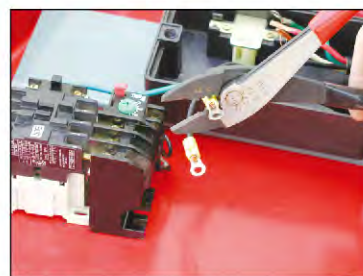


| Stock No. | Max. Jaw Opening | Jaws Thickness | Length  |
|-----------|------------------|----------------|---------|
| 02-ACW15  | 1 3/4"           | 23/32"         | 15 3/4" |

## 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

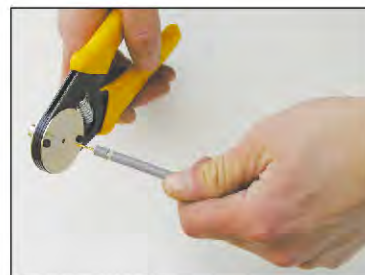


22-CT4-2



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

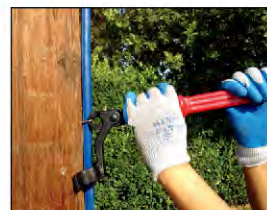
Nail Puller  
22-NP450



- 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



23-SP-2  
Staple Puller



| 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



Fiberglass

Steel

- Highly-durable tempered 1/8" wide spring steel.
- Impact resistant rewriter 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.
- All wrenches are non insulated.
- Fully-reversible ratchet wrench forged alloy steel and heat treatment. Chrome finish with smooth edges.

| 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<br>O. D. | Blade<br>Length | Piece<br>Wt | Replacement<br>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<br>Wt | Replacement<br>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<br>Length | Capacity         | Piece<br>Wt. |
|-----------|-------------------|------------------|--------------|
| 22-BRC27  | 27"               | 1 1/2" Greenwood | 6 Lb         |



## POCKET CUTTER



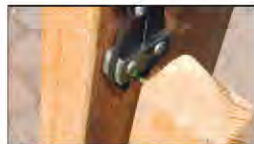
8" Hand Cutter



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



03-HR2



03-HR1



- 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" - 7/8"  | 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.

## INSTALLER BITS



- 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.

Hole for pulling the wire

| Stock No. | Hole Size | Overall Length | Tri. 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  $\frac{7}{16}$ " hex quick change impact shank that fits  $\frac{1}{2}$ " or largerelectric drill or  $\frac{7}{16}$ " hex impact wrepch drills.
- Each bit come with an extra screw point and a hex key.

| Stock No.  | Bore Size          | Piece Wt. |
|------------|--------------------|-----------|
| 21-SFB1    | 1"                 | 6 Oz      |
| 21-SFB118  | 1 $\frac{1}{8}$ "  | 7 Oz      |
| 21-SFB138  | 1 $\frac{3}{8}$ "  | 8 Oz      |
| 21-SFB2    | 2"                 | 10 Oz     |
| 21-SFB218  | 2 $\frac{1}{8}$ "  | 12 Oz     |
| 21-SFB2916 | 2 $\frac{9}{16}$ " | 14 Oz     |
| 21-SFB358  | 3 $\frac{5}{8}$ "  | 1.6 Lbs   |
| 21-SFB458  | 4 $\frac{5}{8}$ "  | 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 | $\frac{3}{32}$ " – $\frac{5}{8}$ "   | $\frac{5}{64}$ " – $\frac{17}{64}$ "  | 1/4 Lbs             |
| 18-SE8    | 8-pc set, No. 1 – 8 | $\frac{3}{32}$ " – 1 $\frac{3}{8}$ " | $\frac{5}{64}$ " – $\frac{13}{16}$ "  | 2 Lbs               |
| 18-SE9    | 9-pc set, No. 1 – 9 | $\frac{3}{32}$ " – 2"                | $\frac{5}{64}$ " – 1 $\frac{1}{16}$ " | 2 $\frac{3}{4}$ Lbs |
| 18-SE1    | No.1                | $\frac{3}{32}$ " – $\frac{5}{32}$ "  | $\frac{5}{64}$ "                      | 0.3 Oz              |
| 18-SE2    | No.2                | $\frac{5}{32}$ " – $\frac{7}{32}$ "  | $\frac{7}{64}$ "                      | 0.4 Oz              |
| 18-SE3    | No.3                | $\frac{7}{32}$ " – $\frac{9}{32}$ "  | $\frac{5}{32}$ "                      | 0.7 Oz              |
| 18-SE4    | No.4                | $\frac{9}{32}$ " – $\frac{3}{8}$ "   | $\frac{1}{4}$ "                       | 1.1 Oz              |
| 18-SE50   | No.5                | $\frac{3}{8}$ " – $\frac{5}{8}$ "    | $\frac{17}{64}$ "                     | 2.1 Oz              |
| 18-SE6    | No.6                | $\frac{5}{8}$ " – $\frac{7}{8}$ "    | $\frac{13}{32}$ "                     | 4.2 Oz              |
| 18-SE7    | No.7                | $\frac{7}{32}$ " – 1 $\frac{1}{8}$ " | $\frac{17}{32}$ "                     | 6.6 Oz              |



18-SE8



18-SE5-9



21-DS5L-10



21-DS5LT-10

## 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  | $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ " |
| 21-DS5LT-10 | Titanium | 5 pieces  | $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ " |
| 21-DE10-9   | Bright   | 10 pieces | Lift-hand drill $\frac{1}{8}$ " – $\frac{3}{8}$ "<br>Screw Extractor No. 1 - 5        |



21-DS10-9



## 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  | $\frac{1}{8}$ "   | 27               | 1 $\frac{1}{8}$ "  |
| 22-HPT14  | $\frac{1}{4}$ "   | 18               | 2 $\frac{7}{16}$ " |
| 22-HPT38  | $\frac{3}{8}$ "   | 18               | 2 $\frac{9}{16}$ " |
| 22-HPT12  | $\frac{1}{2}$ "   | 14               | 3 $\frac{1}{8}$ "  |
| 22-HPT34  | $\frac{3}{4}$ "   | 14               | 3 $\frac{1}{4}$ "  |
| 22-HPT1   | 1"                | 11 $\frac{1}{2}$ | 3 $\frac{3}{4}$ "  |
| 22-HPT114 | 1 $\frac{1}{4}$ " | 11 $\frac{1}{2}$ | 4"                 |
| 22-HPT112 | 1 $\frac{1}{2}$ " | 11 $\frac{1}{2}$ | 4 $\frac{1}{4}$ "  |
| 22-HPT2   | 2"                | 11 $\frac{1}{2}$ | 4 $\frac{1}{4}$ "  |

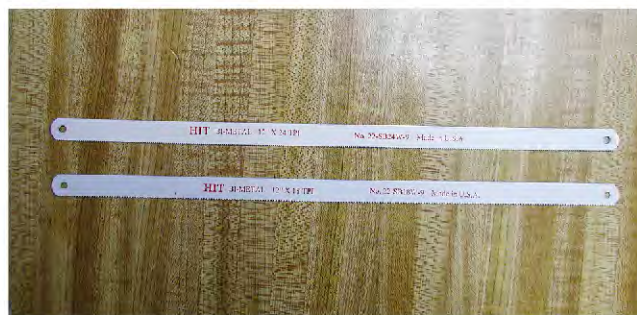




## BI-METAL HACK SAW BLADE

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

| Stock No.  | Lenght 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.

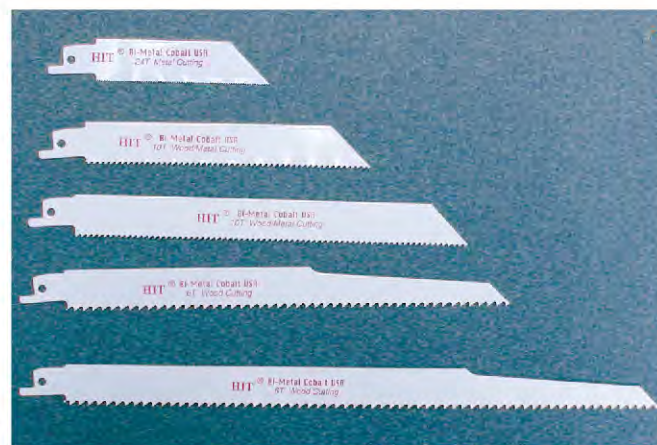
| Stock No. | Lenght | Case Pack | Net Weight |
|-----------|--------|-----------|------------|
| 22-SF12-9 | 16"    | 6 Pieces  | 1.5 Lbs    |



## 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



22-TH1

- 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 filed 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



Safety spring stopper

- 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 under-ground work.
- Made to last years under the toughest field conditions.



| Stock No. | Capacity<br>O. D. | Chain<br>Length | Handle<br>Length | Replacement<br>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-CW10L  | 1 3/8" - 12"      | 46"             | 28"              | 05-CW10L             |

## 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<br>O. D. | Strap<br>Length | Handle<br>Length | Piece<br>Wt | Replacement<br>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<br>O. D. | Chain<br>Length | Handle<br>Length | Weight | Replacement<br>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<br>of Cut | Handle<br>Color | Piece<br>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
- Unite 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 repari 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



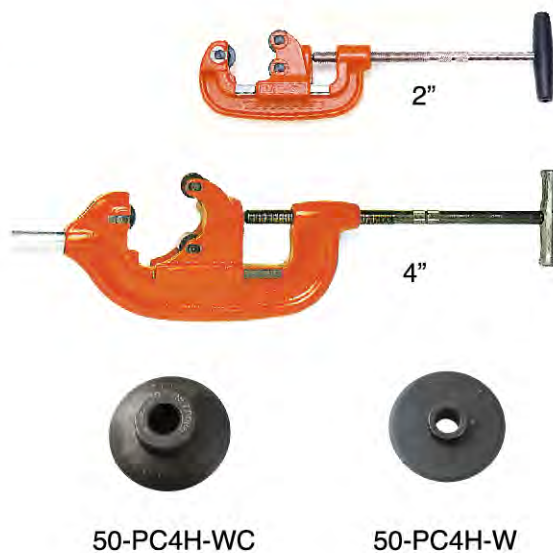
- The HIT Aluminum pipe wrench handle is forged aluminum, allowing for maximum strength and durability. The handle may bend but will not break for added protection to the user.
- Special spring design makes the jaw grip the pipe quickly and firmly.
- Meets U.S. Federal Specification GGG-W651e, type II, 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<br>50-PC2H-WC for cast iron |
| 22-PC4H   | 2" - 4"   | 1    | 16      | 50-PC4H-W for steel<br>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  |





## 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-TC118H-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-TC118-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-TC118H-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.



## 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    | 11,300Lbs          | 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.





## 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 |



22-PEXC12



22-PEXC1234

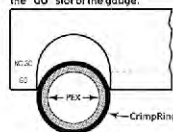
### Go / No-Go Gauge



### How to use the Go/No-go Gauge

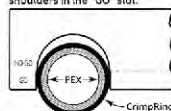
#### NO GO!

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



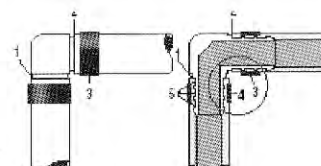
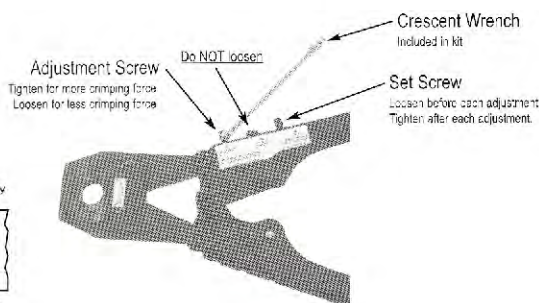
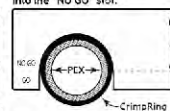
#### GO.

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 brass 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.



22-CCF



Holster



22-RCT



## 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     |



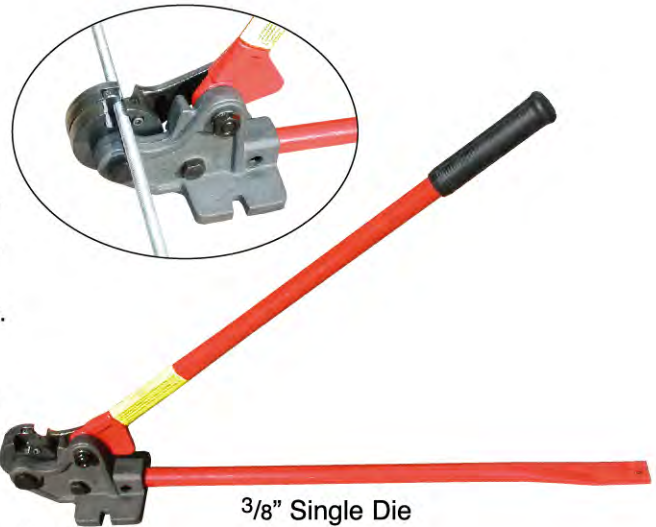
22-PEXRR



# ALL THREAD CUTTER

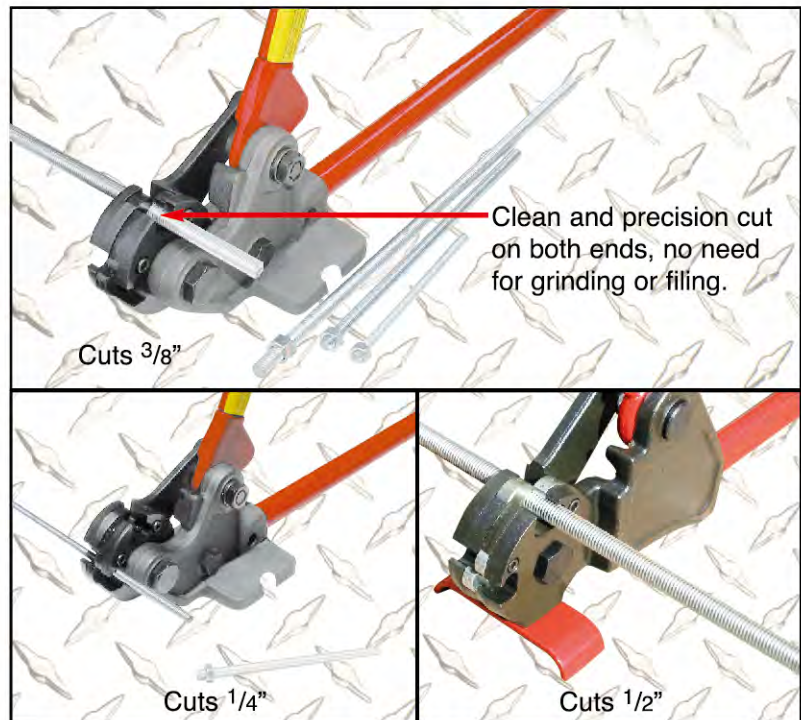
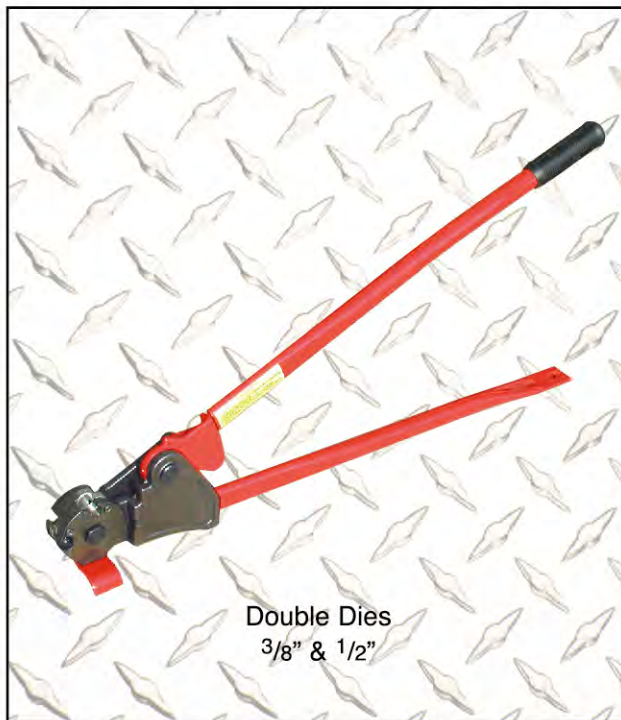
## No More Grinding!

- 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.



### 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 swivel 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 specifications GGG-V-415a Type 1, Class II.

| Stock No.  | Pipe Capacity        | Piece Wt.             |
|------------|----------------------|-----------------------|
| 14-PV2H-14 | $\frac{1}{8}$ " - 2" | 11 $\frac{1}{4}$ Lbs. |
| 14-PV4H-14 | $\frac{1}{8}$ " - 4" | 23 $\frac{3}{4}$ 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 | $\frac{1}{8}$ " - 2 $\frac{1}{2}$ " | 7 $\frac{1}{3}$ Lbs.  |
| 14-TSCV4-14  | $\frac{1}{8}$ " - 4"                | 12 $\frac{1}{8}$ Lbs. |
| 14-TSCV6-14  | $\frac{1}{8}$ " - 6"                | 21 $\frac{1}{8}$ 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 | $\frac{1}{8}$ " - 2 $\frac{1}{2}$ " | 4 $\frac{1}{4}$ Lbs. |
| 14-BSCV4-14  | $\frac{1}{8}$ " - 4"                | 8 $\frac{1}{2}$ 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.

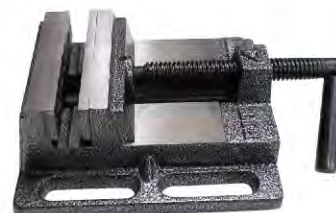
| Stock No. | Pipe Capacity        | Piece Wt. |
|-----------|----------------------|-----------|
| 14-TS6    | $\frac{1}{8}$ " - 6" | 43 Lbs.   |



## 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 $\frac{1}{4}$ " | 6 $\frac{1}{2}$ " x 6 $\frac{1}{2}$ " | 1 $\frac{1}{2}$ " | 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    |



14-V50SH

## 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.    |



## 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.



09-PB46



09-PB56

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

## 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 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.        |

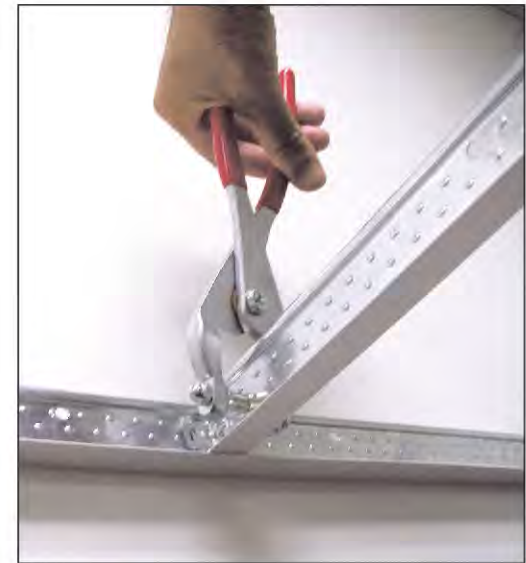


## CEILING GRID PUNCH



- 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



- 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"   | 1 1/16" (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: 3/8" - 1 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 3/8", 7/16", 15/32", 1/2", 9/16", 19/32", 5/8", 11/16", 23/32", 3/4", 25/32", 13/16", 7/8", 29/32", 15/16", 1", 1 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: 5/16" - 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 5/16", 11/32", 3/8", 7/16", 15/32", 1/2", 9/16", 19/32", 5/8", 11/16", 23/32", 3/4", 13/16", 7/8"
- 8 PC Deep sockets: 12, 13, 14, 16, 17, 19, 21, 22 mm. Also 15/32", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 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: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
- 9 PC 3/8" DR. sockets: 9, 10, 11, 12, 13, 14, 16, 17, 19 mm.
- 7 PC 3/8" DR. sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 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 5/8", 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: 1/4", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 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   | 1/36" - 1/4" | 11-7/8" | 2 3/4"  | 2,600 Lbs          | 3 1/2 Lbs |
| 16-LB38   | Lever   | 5/16" - 3/8" | 15 3/4" | 4"      | 5,400 Lbs          | 9 Lbs     |
| 16-LB12   | Lever   | 3/8" - 1/2"  | 18 1/2" | 4"      | 9,200 Lbs          | 12 Lbs    |
| 16-LB38R  | Ratchet | 5/16" - 3/8" | 15"     | 8"      | 5,400 Lbs          | 11 Lbs    |
| 16-LB12R  | Ratchet | 3/8" - 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.



Lever



Ratchet



## 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.



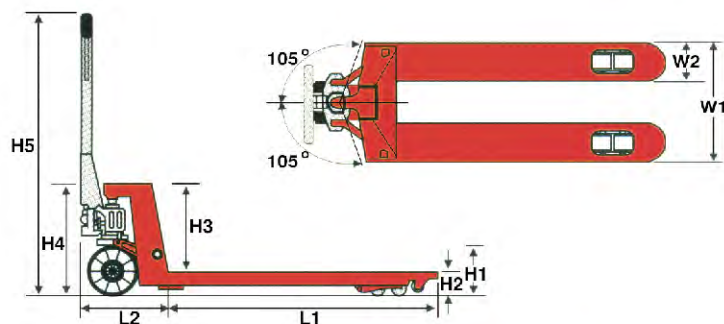
Comfortable grip handle with fingertip controls



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.
- Designed to pull pallets across a smooth floor.
- For unloading truck at ground level and extending forklift reach.
- Do not use for lifting.

## 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 |

## 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  |

## 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 | Strokes 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 |



08-PF1929



Handle in folding position

## 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.



#### 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   |

### 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.



## 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.



### SILICON CARBIDE - MASONRY CUTTING



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



## 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   |
| 24SP7H    | 7" x 5/8" -11 HUB     | 8,500   | 1/10     | 6 Lbs    |

## TYPE 3 ROLL-ON SURFACE CONDITIONING DISCS

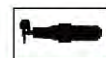


- Abrasive Coated non-woven fibers and nylon threaded hub.
- Durable, reduces loading and easy mounting to roll-on holder.
- Excellent for contoured surface, cleaning, polishing, deburring, and metal.



| 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

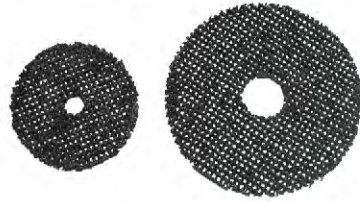


| STOCK NO.   | DIAM.  | ARBOR        | GRIT | PC/CASE |
|-------------|--------|--------------|------|---------|
| 24-FD440Z   | 4"     | 5/8"         | 40   | 20      |
| 24-FD460Z   | 4"     | 5/8"         | 60   | 20      |
| 24-FD480Z   | 4"     | 5/8"         | 80   | 20      |
| 24-FD4540Z  | 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. |
|-----------|-----------------------|-------|----------|----------|
| 24-SW3P   | 3" x 1/16" x 3/8"     | 36/46 | 100/600  | 15 Lbs   |
| 24-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 |                      |  |  Bolts<br> Screws<br> Nuts |  Chain<br> Padlock<br> Hasps |  Spring |  Wire-Mesh<br> Wire-Fence |  Wire Rope<br> ACSR |  Guy wire |  Flat Strapping<br> Steel |  Copper, Aluminum<br> Cable |  Non-Hard Alloy Chain |
|-----------|---|--|----------------------|---|---|---|---|---|---|--|---|---|--|
| Stock No. | Medium Steel<br>HRC-31  | Hard Steel<br>HRC-42   | Extra Hard<br>HRC-48 | Reinforcing<br>Bars   | Bolts<br>Screws<br>Nuts   | Chain<br>Padlock<br>Hasps   | Spring  | Wire-Mesh<br>Wire-Fence   | Wire Rope<br>ACSR   | Guy wire   | Flat<br>Strapping<br>Steel  | Copper,<br>Aluminum<br>Cable  | Non-Hard<br>Alloy Chain  |
| 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.

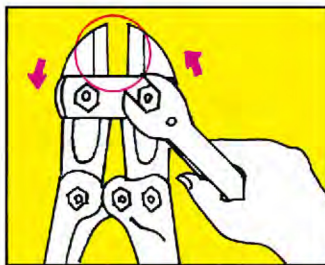
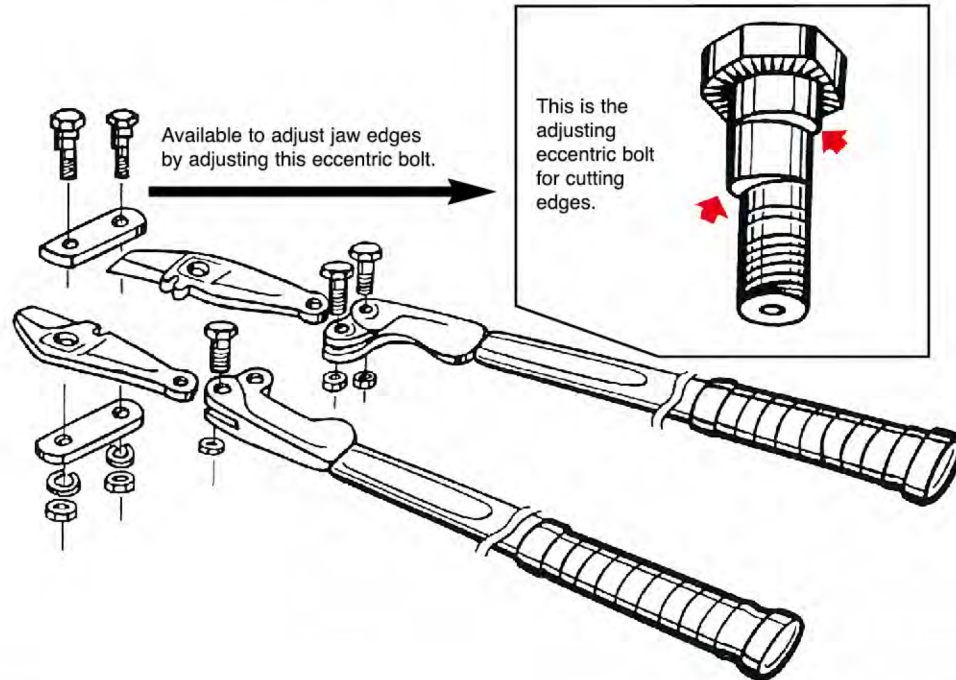


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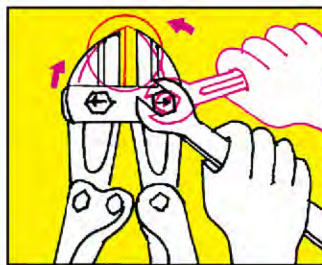
*The tools professionals use*

## How to adjust cutting edges

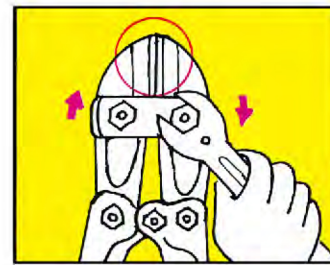
### BOLT CUTTER



**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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