



Bolt, Cable and Strap Cutters

H.K.Porter®

H.K.Porter® Table of Contents

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Tips to Easier, Safer Cutting

- a. When heavy cutting is involved, it is less strenuous to hold one handle of the tool on the ground using foot pressure. This permits the cutting force to be applied to the upper handle, makes the cutting position less awkward, and utilizes body weight. This allows more power to be transferred to the cutting edges.
- b. Use the correct cutting tool for the type, size, and hardness of the metal to be cut.
- c. Keep cutter jaws at right angles to piece being cut. Cutting diagonally may twist jaws.
- d. Do not twist or pry with tool while cutting.
- e. Do not exceed the full cut on a material whose hardness is unknown. Test hardness with slow pressure to see if material is being cut. The size of the metal you are cutting is not as important as its hardness.
- f. Do not exceed the cutter capacity that is marked on the jaw of the tool or its rating capacity in this catalog.
- g. Keep jaw bolts tight and joints oiled at all times.
- h. Maintain the original jaw bevel angles when sharpening out of line or chip cutting edges.



Safety Do's and Don'ts

Wear your gloves and safety glasses at all times!

- Do** wear safety shoes.
- Do** remove oil or grease from your hands, from tools and from the floor and area where you will be working.
- Do** remember that metal flies when cut. The harder the metal, the farther it will fly.
- Do** warn those in the area when you intend to use a cutter and protect your fellow workers from flying metal.
- Do** use all tools as recommended.
- Don't** attempt to use a cutting tool, hand or power, until you fully understand its use.
- Don't** forget that metals may fly and cause injury.
- Don't** use cutters for any application except those listed in this catalog.
- Don't** use H.K.Porter® cutters on energized circuits, wire, or cable.

Safety Precautions



Indicates a high probability that death, severe bodily injury or major property damage could result.



Hard metals may snap off or fly through the air when cut. Always wear safety glasses and warn workers nearby to prevent them from being injured from flying metal. To prevent injury from flying metal, take precautions such as wrapping a cloth or rag around the cutting jaws so metal pieces can not fly.



Is serious but less inevitable. There is some probability that death, severe bodily injury or property damage could result.



The "Safety Alert Symbol" is used to call attention to instructions concerning personal safety. Watch for this symbol, it points out important safety precautions. It means: "ATTENTION! Stay alert, personal safety may be in danger!" Read the message that follows this symbol and be alert to the possibility of personal injury or death resulting from misuse.





























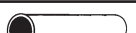















The use of any industrial tool may present hazards which can result in serious injury or death. The H.K.Porter® tools listed in this catalog are not exceptions to this rule.



Is less serious but still demands attention. Indicates a hazard which may result in minor injury or property damage.

READ AND UNDERSTAND ALL DIRECTIONS BEFORE OPERATING ANY H.K.PORTER® MANUAL OR PNEUMATIC TOOL.

Cutter Selection

 BARS, FLAT	 CABLE, PRESTRESSED	 NUT SPLITTING	 WIRE, FENCE
 BARS, ROUND	 CABLE, RUBBER COVERED	 PADLOCK HASPS	 WIRE, GUY
 BARS, SQUARE	 CABLE, SOFT, LARGE	 PIPE, PVC	 WIRE, HOT
 BOLTS, RODS, SCREWS, RIVETS	 CABLE, STEEL	 PLASTIC, FIBER	 WIRE, COPPER
 CABLE (ACAR)	 CHAIN	 ROD REINFORCING	 WIRE, MESH
 CABLE (ACSR)	 CHAIN, HARD ALLOY	 ROD STRAIGHTENER	 WIRE ROPE
 CABLE, ALUMINUM	 EHS GUY STRAND	 STRAPPING STEEL	 WIRE SHELVING
 CABLE COMMUNICATIONS	 METALS, HARD	 TIRE CHAINS	 WIRE, SOLID
 CABLE, COPPER	 METALS, MEDIUM HARD	 TRUCK TIRE BEADS	 WIRE, SPRING
 CABLE, LEAD COVERED	 METALS, SOFT	 WIRE, BOX BINDING	 WIRE, STAINLESS STEEL
 CABLE, POWER	 NAILS, COTTER PINS	 WIRE, ELECTRIC	 WROUGHT IRON

1. What is the material to be cut?

(See above chart)

2. What size is the material to be cut?

Capacities of all hand-operated cutters are shown opposite each catalog listing. Power tool capacities are shown in the Power Tool Selector chart. Do not exceed listed capacities.

3. How hard is the material to be cut?

Many of the materials illustrated in the chart above are made in varying degrees of hardness. The maximum hardness ratings that each hand and power tool is designed to cut are shown under each tool in this catalog.

Extra Hard Metals:

Up to Brinell 455 / Rockwell C48

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

4. Will numerous or few cuts be made in a day?

The frequency of cuts to be made should be taken into consideration when choosing a cutter. HKP manufacturers inexpensive hand cutters for light-duty work, heavy-duty cutters for tougher jobs, and hydraulic and pneumatic cutters for extremely hard materials and production cutting.

5. Is speed a factor in the cutting?

Choose the proper cutter to fit the job requirements, whether an occasional cut is called for or fast, continuous, industrial production cutting.

Still not sure?

Send material samples to:
Cooper Tools GmbH
Carl-Benz-Str. 2
74354 Besigheim, Germany
Attn: HKP Test Material

Note: Provide answers to as many of the questions as possible.



WARNING

- Always wear safety glasses/goggles when cutting.
- Cut in a safe area; consider the safety of others in the immediate area.
- The harder the material being cut, the likelier it is to become airborne during cutting.
- Use tools correctly! (Refer to "Engineering Information" section of this catalog)
- Use the correct tool for the work being performed.
- Maintain tools, power supplies, and hoses in safe working condition.

Quality Features of H.K.Porter® Cutters

PRECISION CUTTING EDGES

Accurately beveled for specific types of cuts and materials.

CUTTING JAWS

Alloy tool steel, drop forged, precision ground for maximum wear resistance and longer cutting life.

LOCKPLATE

Prevents jaw bolts from turning or loosening. Eliminates "sloppy" head, insures trouble-free operation.

SIMPLE ADJUSTMENT

One adjustment realigns cutting edges properly.

TOGGLE JOINT

Transforms 50 pounds of hand pressure on handles to 4,000 pounds pressure on cutting edges of jaws.

STEEL TUBULAR HANDLES

Greater strength, lighter weight.

HANDLES CLOSER TOGETHER

More cutting power with less strain.

RUBBER GRIPS

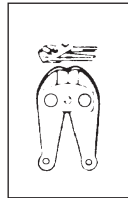
Easy on the hands. Firmer grip for user safety.



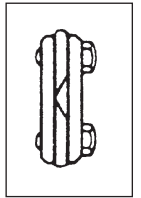
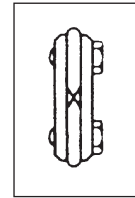
Jaw Designs

There are four basic jaw designs. They are engineered to give long, trouble-free life and the most efficient cutting of the materials which they are designed to cut.

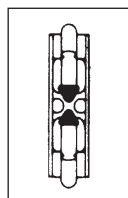
- 1 ANGULAR JAWS**
30° offset jaws have clipper-cut blades, designed for cutting close or flush to a surface. Cuts soft or medium-hard material.



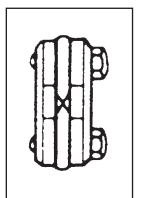
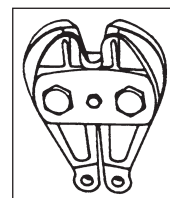
- 2 ALL-PURPOSE JAWS**
Can have center- or clipper-cut blades used for broad cutting applications.



- 3 SHORT-NOSED JAWS**
Center-cut, carbide-tipped blades for cutting hard- and non-alloy chains and padlock hasps.



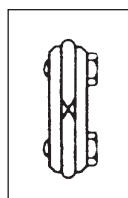
- 4 HEAVY-DUTY STRAP JAWS**
Straps keep the cutting edges aligned under the most demanding applications.



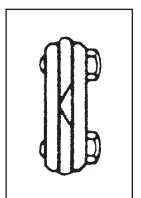
Cutting Blades

Four different cutting blade styles are available for specific types or broad ranges of cutting applications.

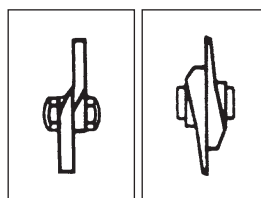
- 1 CENTER-CUT BLADES**
Slightly rounded cutting edges, beveled on both sides, broaden cutting applications.



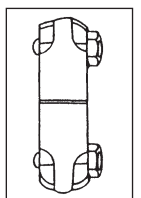
- 2 CLIPPER-CUT BLADES**
Blades are beveled on only one side for smooth flush cuts that are close to workpiece.



- 3 SHEAR-CUT BLADES**
Designed to cut coarse- or fine-strand cable with minimal strand distortion.



- 4 END-CUT BLADES**
Blades are at right angles to handles for easier handling and "head-on" close cutting of materials.



Industrial Grade, Center Cut Cutters



- General plant maintenance tool.
- Drop-forged, precision ground, alloy tool steel jaws with center-cut blades.
- Cuts soft, medium, or hard materials.
- Maximum hardness of material to be cut: Brinell 455 / Rockwell C48
- Lockplate keeps jaws from loosening.
- Toggle joints turn 50 lbs. (23 kg) hand pressure to 4000 lbs. (1.814 kg) cutting pressure.
- Screw-type adjustment realigns edges.
- Steel handles with rubber grips.

Code No.	Approx. Weight		Length		Soft and Medium Hard Materials (Up to Brinell 300, Rockwell C31)		Hard Materials (Up to Brinell 455, Rockwell C48)		Replacement Cutterhead Code No.	Replacement Jaws (Pair) Code No.
	lbs	kg	Inch	mm	Inch	mm	Inch	mm		
1490MC	2 3/4	1	14	356	5/16	8	3/16	5	1413C	1412C
0090MC	3 1/2	2	18	457	3/8	10	1/4	6	0013C	0012C
0190MC	5 1/4	3	24	610	7/16	11	5/16	8	0113C	0112C
0290MC	8 1/2	4	30	762	1/2	13	3/8	10	0213C	0212C
0390MC	12 7/8	6	36	914	9/16	14	7/16	11	0313C	0312C
0590MC	17 1/8	8	42	1067	11/16	18	1/2	13	0513C	0512C

General Purpose Center Cut Bolt Cutters



- Series 2000 Bolt Cutter
- Drop-forged jaws with center-cut blades. Heat treated for wear resistance and long cutting life.
- Cuts soft, and medium/hard materials.
- Maximum hardness of material to be cut: Brinell 300 / Rockwell C31
- Toggle joints turn 50 lbs. (23 kg) hand pressure to 4000 lbs. (1.814 kg) of cutting pressure.
- Precision cast, 1-piece, aluminum alloy handles with rubber grips.

Code No.	Approx. Weight		Length		Soft Materials (Up to Brinell 200, Rockwell C15)		Hard Materials (Up to Brinell 300, Rockwell C31)		Replacement Cutterhead Code No.
	lbs	kg	Inch	mm	Inch	mm	Inch	mm	
1490AC	1,7	0,800	14	356	5/16	8	1/4	6	1413AC
0090AC	2,4	1,100	18	457	3/8	10	5/16	8	0013AC
0190AC	4,0	1,800	24	610	7/16	11	3/8	10	0113AC

Center Cut – Mesh Cutters

- Mesh cutter with tubular steel handles.



Type	Code No.	Weight kg	Length mm	Cuts up to Rockwell HRC 40/mm
800MS	0130000800	2,900	800	8 2 x 7

Replacement cutterheads

813MS	0130000813	for Cutter 800MS
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Boltcutter BC Series

- The Boltcutter Series BC from H.K.Porter® for D.I.Y. and professionals.
- A special blade design “clipper cut” allows to make flush cuts.
- Cuts soft and medium / hard materials.
- Robust construction with steel handles and PVC grips.
- Cutterheads made of special alloyed steel.



Type	Code No.	Weight kg	Length mm	Cuts up to HRC 22/mm	HRC 39/mm
BC340	0131000320	0,900	340	6	5
BC400	0131000400	1,000	400	7	6
BC450	0131000450	1,600	450	10	7
BC610	0131000610	2,300	610	11	9
BC800	0131000800	4,400	800	13	11
BC900	0131000900	4,700	900	15	13

Replacement cutterheads

BC313	0131000313	for Cutter BC340
BC413	0131000413	for Cutter BC400
BC453	0131000453	for Cutter BC450
BC613	0131000613	for Cutter BC610
BC813	0131000813	for Cutter BC800
BC913	0131000913	for Cutter BC900

Industrial Grade, Clipper Cut Cutters



End View

- All-purpose jaws with clipper-cut blades for close or flush cutting.
- Not for cutting hard materials.
- Maximum hardness of material to be cut: Brinell 300 / Rockwell C31
- Lockplate keeps jaws from loosening.
- Toggle joints turn 50 lbs. (23 kg) hand pressure to 4000 lbs. (1.814 kg) cutting pressure.
- Screw-type adjustment realigns edges.

Code No.	Approx. Weight		Length		Soft and Medium Hard Materials (Up to Brinell 200, Rockwell C15)		Hard Materials (Up to Brinell 300, Rockwell C31)		Replacement Cutterhead Code No.
	lbs	kg	Inch	mm	Inch	mm	Inch	mm	
1490MNE	2 3/4	1	14	356	5/16	8	1/4	6	1413NE
0090MNE	3 1/2	2	18	457	3/8	10	5/16	8	0013NE
0190MNE	5 1/4	3	24	610	7/16	11	3/8	10	0113NE
0290MNE	8 1/2	4	30	762	1/2	13	7/16	11	0213NE
0390MNE	12 7/8	6	36	914	9/16	14	1/2	13	0313NE

Angular Style Cutters

For Soft and Medium Hard Metals to 1/2" (13 mm)



End View

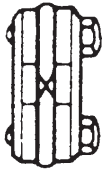
- Angular-style jaws with clipper-cut blades, have a 30° offset to keep work in view and hands clear of work surface while cutting.
- Cuts soft and medium materials.
- Maximum hardness of material to be cut: Brinell 300 / Rockwell C31

Code No.	Approx. Weight		Length		Soft Steel & Non-Ferrous Metals Up to Brinell 200, Rockwell C15		Medium Hard Metals Up to Brinell 300, Rockwell C31		Replacement Cutterhead Code No.
	lbs	kg	Inch	mm	Inch	mm	Inch	mm	
1490MAF	3	2	14	356	5/16	8	1/4	6	1413AF
0190MA	5 1/2	3	24	610	7/16	11	3/8	10	0113A
0390MA	13 1/8	6	36	914	9/16	14	1/2	13	0313A

Heavy Duty Cutters

Center Cut

- Recommended for the most demanding hand cutting applications.
- Heavy-duty straps support the jaws.
- Maximum hardness of material to be cut: Brinell 455 / Rockwell C48
- Lockplate keeps jaws from loosening.
- Toggle joints turn 50 lbs. (23 kg) hand pressure to 4000 lbs. (1.814 kg) cutting pressure.
- Screw-type adjustment realigns edges.
- With tubular steel handles.

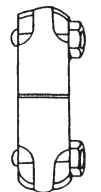


End View

Code No.	Approx. Weight		Length		Hard Metal, Wire Mesh and Reinforcing Rod and Bar		Replacement Cutterhead Code No.
	lbs	kg	Inch	mm	Inch	mm	
0190MCX	5 1/2	3	24	610	5/16	8	0113CX
0290MCX	9 1/4	4	30	762	3/8	10	0213CX
0390MCX	14 1/8	7	36	914	7/16	11	0313CX
0590MCX	18 1/4	8	42	1067	1/2	13	0513CX

End Cut Nipper

- End-cut blades are at right angles to handles for easier handling and head-on, close cutting in confined spaces.
- Cuts soft materials
- Maximum hardness of material to be cut: Brinell 200/Rockwell C15
- Lockplate keeps jaws from loosening.
- Toggle joints turn 50 lbs. (23 kg) hand pressure to 4000 lbs. (1.814 kg) cutting pressure.
- Screw-type adjustment realigns edges.
- Cutterhead 0113E available



End View

Code No.	Approx. Weight		Length		Soft Steel, Non-Ferrous Material		Wrought Iron		Soft Bolts, Rivets Screws, Wire	
	lbs	kg	Inch	mm	Inch	mm	Inch	mm	Inch	mm
0190ME	5 3/8	3	24	610	5/16	8	5/16	8	5/16	8

Nut Splitter

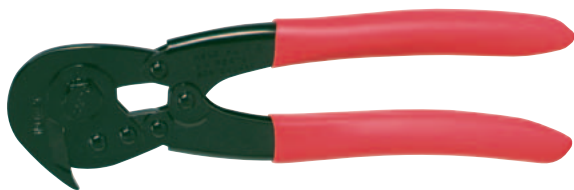
Splits Nuts up to 3/4" (19 mm), RC15



- Removes rusted or frozen nuts.
- Center-cut blades
- Blades swivel 360° for ease in splitting hard to reach nuts.
- Black-oxide, rust-resistant finish.
- Plastisol-coated handle
- Place blades across nut at 90° angles, turn power screw with impact or hand wrench to split nuts.
- Doesn't injure bolt or thread, splits both sides of nut at once.

Code No.	Approx. Weight		Length		Capacity	Replacement Blade (1 each) Code No.
	lbs	kg	Inch	mm		
1390PQ	3 1/8	2	11 3/4	299	Cuts nuts up to 3/4" (19 mm) across flats	1317PQ

Handklip® Cutter



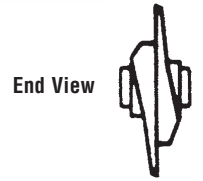
- Parrot-beak jaw with center-cut blades, to grasp wire and staples.
- Cuts wire, cable, and light chain, up to 3/16" (4,8 mm) diameter, soft and med. hard metals up to 1/4" (6,4 mm) diameter, and medium hard chain link.
- Maximum hardness of material to be cut: Brinell 300 / Rockwell C31
- Screw-type adjustment realigns edges.
- 1-handed operation
- Toolbox and pocket size
- Does NOT meet MIL-SPEC, customer service will provide information on MIL-SPEC tools.

Code No.	Approx. Weight		Length		Soft and Medium Hard Materials	
	oz	kg	Inch	mm	Inch	mm
0690C	13	0,500	9	229	3/16	5

Shear Type Hand Operated Cutters

- Lightweight, rugged cutter
- Drop-forged, alloy tool steel jaws with shear-cut blades.
- Cuts copper or aluminum, power and communications cable.
- Fiberglass handles for 2-handed control.

Power and Communications Cable Cutters



Code No.	Approx. Weight		Length		Copper Power Cable	Aluminum Power Cable	Communications Cable		Replacement Cutterhead Code No.
	lbs	kg	Inch	mm			Inch	mm	
0290FCS	4 1/2	2	25 1/2	648	500 MCM	750 MCM	1 3/8	35	0213CSS
0390FCS	6	3	32	813	750 MCM	1200 MCM	1 3/4	44	0313FCS

Shear Type Cable Cutters

For Wire Rope to 3/4" (19 mm)



- Notched, shear-cut blades hold and lock cable in cutting position.
- Cuts steel cable, coarse- or fine-stranded cable, or wire rope with minimal distortion.
- Toggle joints turn 50 lbs. (23 kg) hand pressure to 4000 lbs. (1.814 kg) cutting pressure.
- Screw-type adjustment realigns edges.

Code No.	Approx. Weight		Length		Wire Rope		Hard Stainless Steel Cable		Aircraft Cable		Replacement Cutterhead Code No.
	lbs	kg	Inch	mm	Inch	mm	Inch	mm	Inch	mm	
1490MTN	2 3/4	1	14	356	1/4	6	1/4	6	1/4	6	1413TN
0190MTN	5	2	24	610	3/8	10	3/8	10	3/8	10	0113TN
0390MTN	12	6	36	914	5/8	16	5/8	16	5/8	16	0313TN
0590MTN	17	8	42	1067	3/4	19	3/4	19	3/4	19	0513TN

Swaging Tool



- For crimping cable ferrules and stops.
- Strap cuts wire rope to 1/4" (6,4 mm).

Code No.	Approx. Weight		Length		Capacity	
	lbs	kg	Inch	mm	Inch	mm
0190NSL	7	3	25	635	1/16 - 3/16"	1,6 - 4,8

Communications Cable Cutters



- Shear-cut blades give clean, sharp cut with minimal distortion.
- Cuts lead- and rubber-covered communications cable only.
- Do NOT cut hard cable, ACSR, self-supporting strand, or steel.

Code No.	Approx. Weight		Length		Communications Cable Only		Replacement Handle/Blade Assy Code No.
	lbs	kg	Inch	mm	Inch	mm	
0190CSP	5 1/4	3	23 1/2	597	1	25	0119CSP
0390CSP	10 3/4	5	37	940	2 1/4	57	0319CSS

Compact, Electric Cable Cutter

- High-leverage jaws with shear-cut blades.
- Do NOT cut steel or ACSR.
- Plastic covered, non-slip grips.
- Compact cutter fits into most tool pouches.
- NOT an insulated tool.
- Blister packed for easy point-of-purchase display.



Code No.	Approx. Weight		Length		Copper Cable mm	Aluminum Cable mm
	lbs	kg	Inch	mm		
0890CSJ	1	0,454	9 1/2	241	2	4

Pocket Wire Rope and Cable Cutter

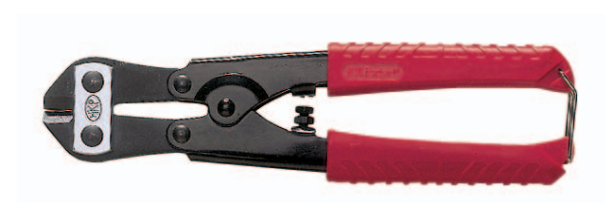
- Top-quality, pocket-size cutter
- Shear-cut blades
- Excellent cutter for 3/16" (4,8 mm) hard -1/4" (6,4 mm) soft wire rope or cable, piano wire, or aircraft cable.
- Packaged for easy point-of-purchase display.



Code No.	Approx. Weight		Length		Cable Capacity		Rod Capacity	
	lbs	kg	Inch	mm	Inch	mm	Inch	mm
0690TN	1	0,454	7 1/2	190	3/16	5	3/32	2,4

Wire Cutter

- Center-cut blades
- Cuts mild steel (Brinel 140) (80.000 PSI) to 5/32" (4 mm) diameter
- Cuts hard steel (HRC 44) (208.000 PSI) to 3/32" (2,4 mm) diameter



Code No.	Approx. Weight		Length		Mild Steel Diameter		Hard Steel Diameter	
	lbs	kg	Inch	mm	Inch	mm	Inch	mm
PWC9	0,5	0,300	8 1/2	216	5/32	4	3/32	3

Steel Strap Cutter

For Strap to 3/4" (19 mm)



- Sheer-cut blades give clean, smooth, easy cuts.
- Lower jaw slides under the tightest strapping or staple.
- Workhead has black oxide, rust-resistant finish.
- Cuts steel strap up to 3/4" (19 mm) wide.
- Spring action handles with Plastisol® grips open jaws automatically before and after each cut.
- HKP's most popular strap cutter model.

Code No.	Approx. Weight		Length		Flat Steel Strap		Round Steel Tie Wire	
	lbs	kg	Inch	mm	Inch	mm	Inch	mm
0990T	1	0,550	9	229	3/4 x 0,035	19 x 1	0,080	2

Steel Strap Cutter

Cuts Steel Strap up to 1 1/4" (32 mm)



- Sheer-cut blades
- Workhead has black oxide, rust-resistant finish.
- 1-handed operation gives extra leverage for continuous cuts of wide steel strap, quickly and cleanly.
- Cushion grip handles.

Code No.	Approx. Weight		Length		Flat Steel Strap	
	lbs	kg	Inch	mm	Inch	mm
1290G	1 1/2	0,775	12	305	1 1/4 x 0,050	32 x 1

Heavy Duty, Steel Strap Cutter

For Strap to 2" (51 mm)



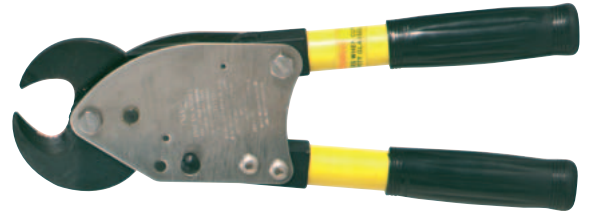
- Sheer-cut blades
- Cuts heavy steel strapping up to 2" (51 mm).
- Excellent for pallets, loading and unloading freight cars, trucks, and ships.
- Long-handled, goose neck, 2-hand operated cutter.
- Keep hands away from cutting area.

Code No.	Approx. Weight		Length		Flat Steel Strap	
	lbs	kg	Inch	mm	Inch	mm
2690GP	7	3	24	610	2 x 0,050	51 x 1

Compact Ratcheting Cable Cutter

- Compact, lightweight cutter, for confined spaces.
- Ratchet-type jaws with shear-cut blades grip and hold while moderate pumping action cuts cable.
- Leaves no burrs or sharp edges.
- Both blades cut.
- Fiberglass handles with non-slip, plastic grips.
- Cutter has self-lubricating ratchet and only 6 moving parts.
- Note: MCM capacity does not include cable insulation, MCM capacity equates to conductor size only.

1 3/16" (30 mm) Capacity



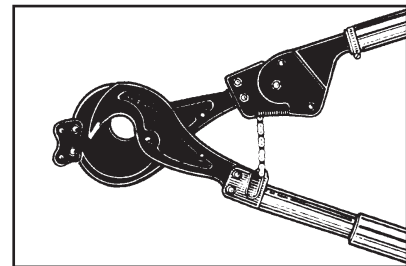
Code No.	Approx. Weight		Length		Copper Cable	Aluminum Cable	Communication Cable	
	lbs	kg	Inch	mm			Inch	mm
6990FS	3 1/2	2	14	356	500 MCM/240 mm ²	795 MCM/425 mm ²	1 3/16	30

*Do Not Cut EHS guy wire

Ratchet Type, Soft Cable Cutter

- Jaw keeper prevents jaws from spreading while under heavy load.
- Cuts copper and aluminum communications and power cable in sizes up to 2" (51 mm), including rubber or lead covered cable.
- Improved heavy duty jaw design.
- Built for tough conditions.
- Ratchet mechanism provides as much as 5 times mechanical advantage over manual cutters.
- Cuts all types of copper and aluminum cables up to 2500MCM.

2" (51 mm) Capacity

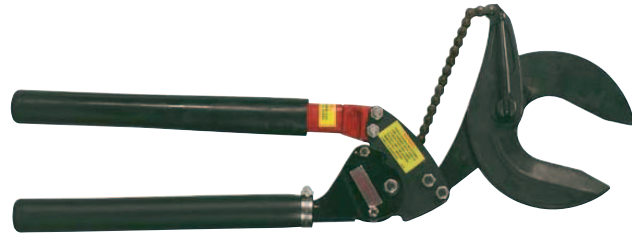


Code No.	Approx. Weight		Length		Copper and Aluminum Cable, All Types		Replacement Cutterhead Code No.
	lbs	kg	Inch	mm	Inch	mm	
8690FSK	3 1/2	4	27 1/2	700	2	51	8613FSK

Ratchet-type, Soft Cable Cutters



8790FSK



8790CS

- Jaws with shear-cut blades, have special pivoting handle to allow cutterhead to be opened to maximum width independent of handle position.
- Cuts copper and aluminum, power and communications cable.
- Specially designed to cut conductors with large insulation.
- Maximum handle spread of 22" (559 mm) for working in confined spaces.
- Advanced cutter gives mechanical advantage of over 50 to 1.
- For special applications contact customer service department.

Code No.	Approx. Weight		Length		Copper and Aluminum Power/Comm. Cable		Replacement Cutterhead Code No.
	lbs	kg	Inch	mm	Inch	mm	
8790FSK	10 1/2	5	27 1/2	700	2	51	8713FSK
8790CS	15	6	27 1/2	700	3	73	8713CS

Ratchet-type, Hard Cable Cutter

1 3/16" (30 mm) Capacity



- Jaw keeper prevents jaws from spreading while under heavy load.
- Shear-cut blades
- Ratchet and chain increase cutting pressure as handles open and close.
- Cuts hard cable, ACSR, ACAR, ZEBRA, and self-supporting telephone cable, with minimal distortion.
- Moderate pressure needed to open and close handles.
- Can be used effectively with short strokes in confined spaces.
- Increased mechanical advantage over manual cutters.
- Not recommended for cutting insulated copper or aluminum cable.

Code No.	Approx. Weight		Length		ACSR, ACAR, ZEBRA, and Telephone Cable (self supporting)		Replacement Cutterhead Code No.
	lbs	kg	Inch	mm	Inch	mm	
8690FH	10 1/2	5	29 1/4	743	1 3/16	30	8613FH

Ratchet-type, Guy Strand Cutter

- Notched shear-cut blades hold material firmly in place while ratchet and chain produce easy, progressive cuts.
- Cuts EHS guy strand, mild steel rods and bolts, and similar materials.
- Makes clean, square cuts with minimal distortion.
- Increased mechanical advantage over manual cutters.

1/2" (13 mm) Capacity



Code No.	Approx. Weight		Length		EHS Guy Strand		Common Guy Strand		Replacement Cutterhead Code No.
	lbs	kg	Inch	mm	Inch	mm	Inch	mm	
8690CK	8 3/4	4	28	711	1/2	13	1/2	13	8613CK

Ratchet-type, Wire Rope Cutter

- Ratchet-type jaws with notched shear-cut blades hold and lock material in place.
- Cuts aircraft cable, EHS guy strand, wire rope, and hard, stainless-steel cable.
- Cuts all strands with minimal crushing or distortion.
- Increased mechanical advantage over manual cutters.

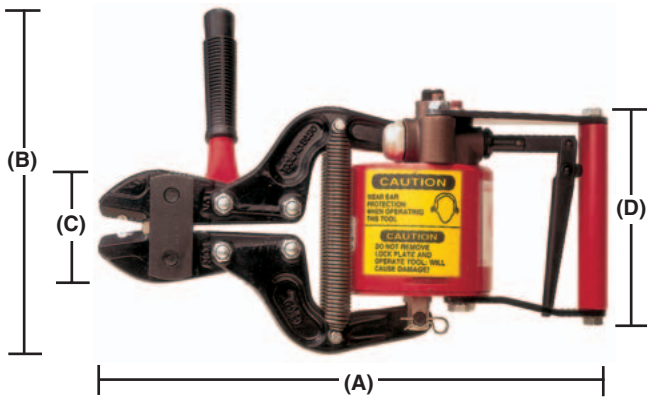
3/4" (19 mm) Capacity



Code No.	Approx. Weight		Length		EHS Guy Strand		Aircraft Cable, Hard Stainless Steel Cable		Replacement Cutterhead Code No.
	lbs	kg	Inch	mm	Inch	mm	Inch	mm	
8690TN	13	6	36	914	5/8	16	3/4	19	8613TN

Pneumatic Cutters

Rod Cutter Workhead



Air consumption per cutting operation at

Type	6 bar	9 bar
9190	2,9 l	4,2 l
9290	6,5 l	9,5 l

- Recommended pressure 6-9 bar.
- Used in the wire-shelving industry.
- No exhaust shock.
- 4 cutterheads available for a wide range of production needs: center-cut, clipper-cut, angular jaws, and end-cut.
- Cuts soft, medium, or hard materials.
- Heavy-duty workhead (9290 series) has 5" bore (127 mm) and 3" stroke (76 mm).
- Light duty workhead (9190 series) has 4" bore (102 mm) and 2" stroke (51 mm).
- Cutting controlled by manual pressure.
- Filter-lubricator units recommended in air supply line for long tool service.
- C- "Center Cut" for soft, medium, hard metals to Brinell 400, Rockwell C42.
- NE- "Clipper Cut" for close cutting, soft or medium hard metals to Brinell 300, Rockwell C31.
- A- "Angular cut" for soft or medium hard metals to Brinell 300, Rockwell C31.

Code No.	Description	A		B		C		Approx. Weight		Capacity	
		Inch	mm	Inch	mm	Inch	mm	lbs	kg	Inch	mm
9190C	Light duty, Center Cut	15	381	7 1/4	184	3 1/8	79	11	5	3/8	10
9190NE	Light duty, Clipper Cut	15	381	7 1/4	184	3 1/8	79	11	5	3/8	10
9190A	Light duty, Angular Cut	15	381	7 1/4	184	3 1/8	79	11	5	3/8	10
9290C	Heavy duty, Center Cut	17 1/2	445	10	254	3 3/4	95	18 1/4	9	1/2	13
9290NE	Heavy duty, Clipper Cut	17 1/2	445	10	254	3 3/4	95	18 1/4	9	1/2	13

Replacement Cutterhead

9113C	for 9190C
9213C	for 9290C
9113NE	for 9190NE
9213NE	for 9290NE
9113A	for 9190A

Additional spare parts on inquiry.