



 CRESCENT®

 CRESCENT
Wiss

 CRESCENT
Lufkin

 CRESCENT
NICHOLSON®

 CRESCENT
H.K. PORTER®

EMEA Product and Brand Overview

 CRESCENT
H.K. PORTER®

Date: December, 2017

Prepared By: A. Tolga Kirmaci

Market Manager EMEA – Hand Tools

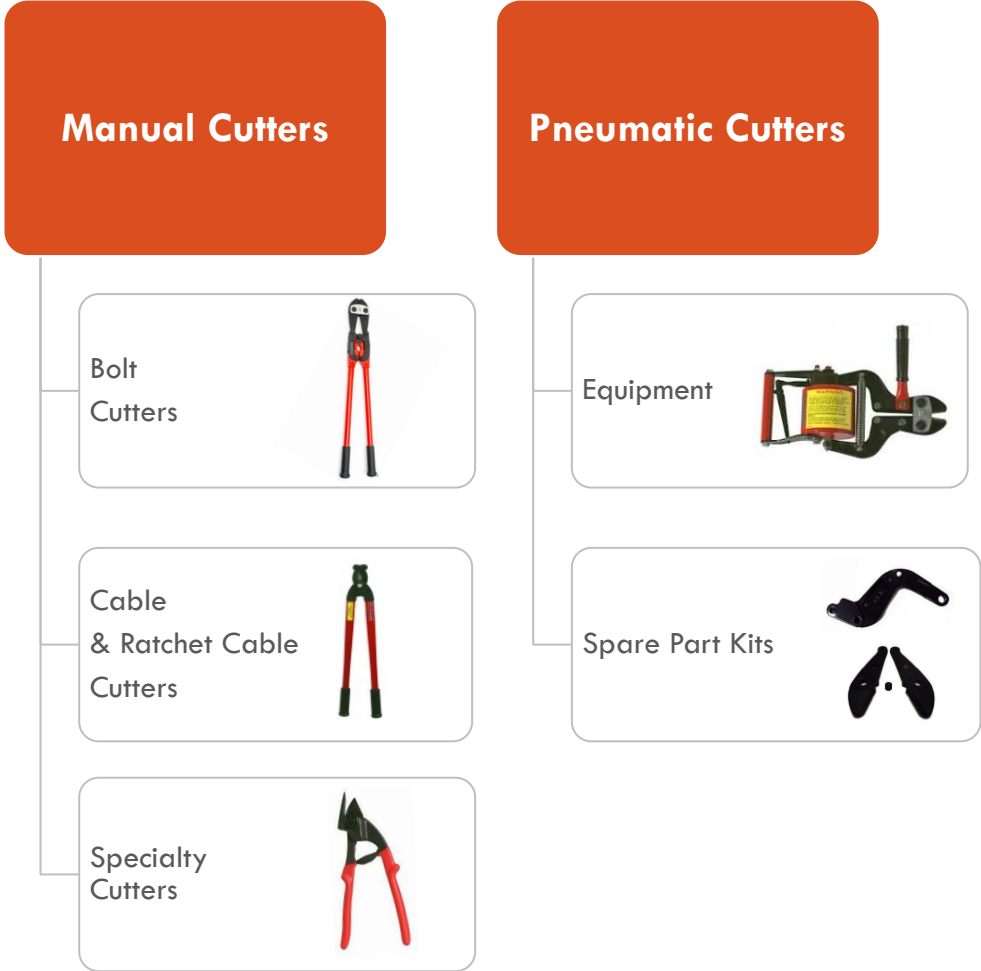
The Back-Story

H.K.Porter® is a premier industrial cutting tool and accessories brand from Apex Tool Group.

Since 1880 H.K. Porter® has been the preeminent brand in industrial cutters with a worldwide reputation for quality, strength and durability.



Sub-Category Overview

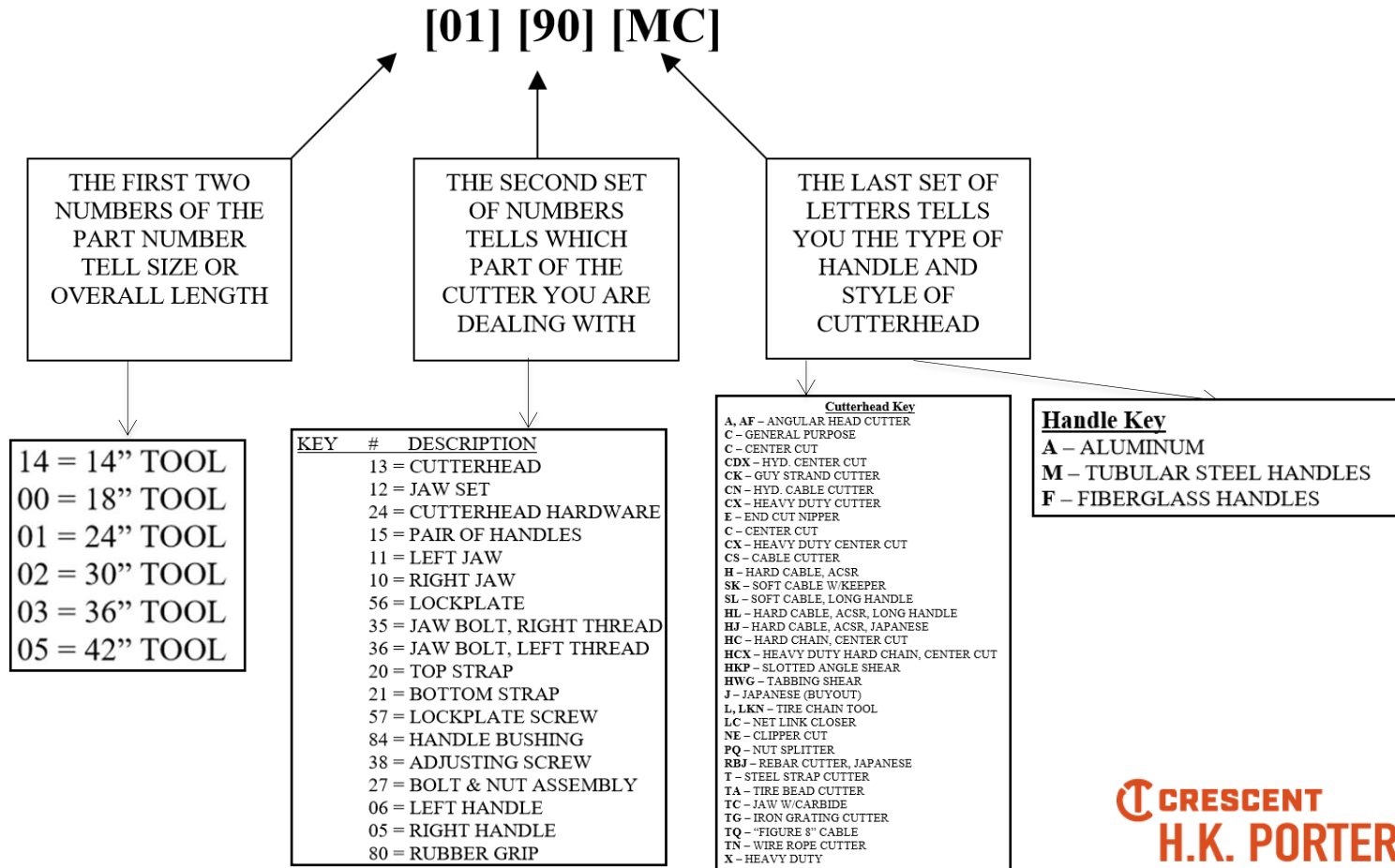


Manual Cutters



Manual Cutters

Identification of Item Numbers



Manual Cutters

Bolt Cutters

Bolt cutters is where it all began for H.K. Porter. Manual bolt cutters are the cornerstone of the H. K. Porter product line and remain the most popular product category. H.K. Porter bolt cutters are a recognized leading brand in the industrial marketplace and a top choice among professionals.

Art. No	Description
1490MCP	14" Powerlink Center Cut
0090MCP	18" Powerlink Center Cut
0190MCP	24" Powerlink Center Cut
0290MCP	30" Powerlink Center Cut
0390MCP	36" Powerlink Center Cut
0290MCX	30" Heavy Duty Cutter, Tubular Steel Handles
0190MCX	24" Heavy Duty Center Cut Cutter, Tubular Steel Handles
0090FC	18-1/4" General Purpose, Center Cut Cutter
0390FC	36-1/2" General Purpose, Center Cut Cutter
0890MA	Compact Bolt Cutter - Plastic Dipped Handles Angled
0890MC	Compact Bolt Cutter - Plastic Dipped Handles Straight



0890MA



0890MC



0190MCP



0090FC

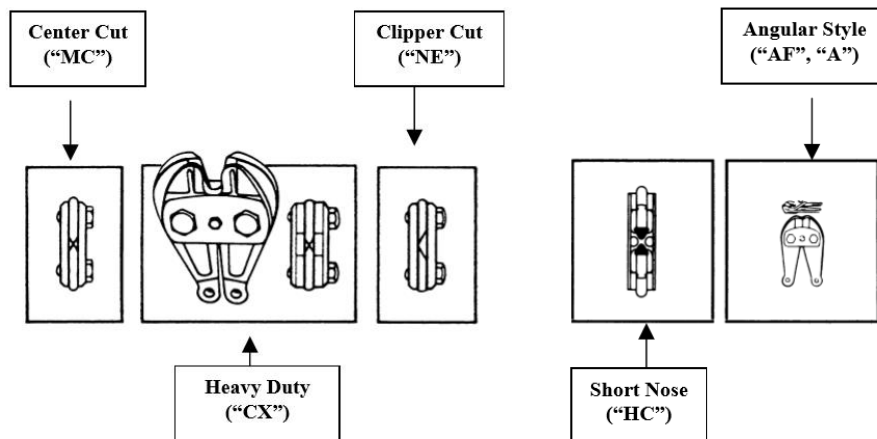


0090MNE

Manual Cutters

Bolt Cutters

1. **Center Cut Jaws (MC)** – Most common type of jaws with slightly rounded cutting edges for broader cutting applications. Cuts soft, medium, or hard materials up to Rockwell C48.
2. **Heavy Duty Jaws (CX)** – These are center cut jaws with additional straps to keep the cutting edges aligned under the most demanding applications.
3. **Clipper Cut Jaws (NE)** – For smooth flush cuts, close to the work piece. These jaws are not designed to cut hard materials. Maximum hardness of material to be cut is Rockwell C31.
4. **Short Nosed Jaws (HC)** – Used to cut hard, non-alloy chain and padlock hasps. Also available with carbide jaw edges for application with high hardness alloy material.
5. **Angular Style Jaws (AF)** – Cutting edges are offset 30 degrees for finish cutting. This design keeps users hands clear of work area.



MARKETS

Steel Manufacturers - especially rod

Steel rod users

Construction Contractors

Fastener Manufacturers (screw and bolts)

Highway & Bridge Contractors

Concrete Contractors

Spring Manufacturers

Home Owners

Manual Cutters

Bolt Cutters // Compact Bolt Cutters

Compact cutting power with half the effort of standard Lineman's pliers. Straight Cutter model has center cut blades for longest life. Angle Cutter model has flush cut blades for trimming close. Both have smooth plastic dipped grips for maximum durability and easy clean-up.

Art. No	Description
0890MA	Compact Bolt Cutter - Plastic Dipped Handles Angled
0890MC	Compact Bolt Cutter - Plastic Dipped Handles Straight



Manual Cutters

Bolt Cutters // PowerLink Bolt Cutters

Product Information

- Features & Benefits
- New Power Link cutter utilizes double compound action technology to cut soft and hard materials.
 - Precision engineered cutting blades ensure long life and ultimate durability.
 - Induction Hardened Center Cut Blades
 - Tubular steel handles for ultimate strength

Art. No	Description
1490MCP	14" Powerlink Center Cut
0090MCP	18" Powerlink Center Cut
0190MCP	24" Powerlink Center Cut
0290MCP	30" Powerlink Center Cut
0390MCP	36" Powerlink Center Cut



Precision engineered and induction hardened cutting blades

Legendary H.K. Porter cutting power and durability

NEW Double Compound Cutting Action design for immense cutting power

Tubular Steel Handles for ultimate strength and cutting support

HKP classic handle grips for comfort



New Power Link design - up to 30% less effort to cut than other competitor bolt cutters!

Manual Cutters

Cable & Ratchet Cable Cutters

Cable Cutting markets are Mining Industry, Electrical Contractors, Cable Manufacturers, Telephone Companies, Cable TV Installers, Cable Scrapping Operations, Ship Yards and Barge lines. The term "cable" can refer to the many different types of cable. We can group the types of cable into three categories of stranded material:

FERROUS

Wire Rope
Aircraft Cable
Stainless Steel Cable
Guy Strand
EHS Guy Strand
Pre-Stressed Cable

NON-FERROUS

Power Cable
Communications Cable
ACAR
Lead Sheathed Cable

COMBINATION of BOTH

Figure "8" Cable
Self Support Cable
ACSR (Alum. Cable Steel Reinforced)
Armored Cable ***

Ferrous vs. Non-Ferrous

Ferrous contains iron, i.e. steel, wrought iron, cast iron Non-Ferrous- does not contain iron, i.e. copper, aluminum, brass, bronze, lead

In most cases a cable cutter requires a scissors action or by-passing blades to make a clean cut. Although, there is a bolt cuter with center cut jaws and a keeper (MCK Series) that is used for cutting Guy Strand, Pre Stressed cable, and any heavy stranded steel cable.

Manual Cutters

Cable & Ratchet Cable Cutters

Art. No	Description
0390MTN	36" Shear Type Cable Cutter for Wire Rope up to 5/8"
0590MTN	42" Shear Type Cable Cutter for Wire Rope up to 3/4"
1490MTN	14" Shear Type Cable Cutter for Wire Rope up to 1/4"
0190MTN	24" Shear Type Cable Cutter for Wire Rope up to 3/8"
0290FCS	25 1/2" Shear Type Hand Operated Cutter
0390FCS	32" Shear Type Hand Operated Cutter
0190NSL	25" Swaging Tool for Crimping Wire Rope Ferrules
0290FHJ	28" ACSR, Wire Rope and Cable Cutter
0390CSP	37" Communications Cable Cutter
0690TN	Wire/Cable Cutter, 7.5 in. long
8790CS	27 1/2" Ratchet-type Soft Cable Cutter, Cut Capacity 3"
6990FS	Ratchet Soft CableCutter, 14"
8690FSK	27 1/2" Ratchet-type, Soft Cable Cutter, 2" Capacity
8690TN	36" Wire Rope Ratchet Cutter
8690CK	28" Guy Strand Ratchet Cutter
8690FH	29" Ratchtet Typ Hard Cable Cutter
0290FCSR	PIVOT HANDLE CABLE CUTTER, LONG



0390MTN



0290FCS



0290FHJ



0690TN



8690CK



1490MTN



0190NSL



0390CSP



0290FCSR



8690FSK

Manual Cutters

Cable & Ratchet Cable Cutters // Pivot Handle Cable Cutter

Product Information

Catalog No

0290FCSR

Features & Benefits

- Handle Collapses to allow access in tight areas including manholes, trenches, vaults, transformers, and other areas
- Start tough cuts with both hands close together for better body positioning and increasing leverage during cuts in utility buckets and other tight areas
- Robust and strong pivot mechanism
- Induction hardened cutting edges
- Lightweight fiberglass handles
- Cuts copper or aluminum power and communication cable



Manual Cutters

Specialty Cutters

H.K. Porter makes a line of specialized cutting tools. For the most part these tools are designed with one application in mind such as every business with a shipping/receiving facility that uses steel or plastic strapping will use this product.

Art. No	Description
2790HKP	38" Slotted Angle Iron Shear
0990T	9" Steel Strap Cutter
2690GP	24" Heavy Duty Steel Strap Cutter for Straps up to 2"
1290G	12" Steel Strap Cutter



2690GP

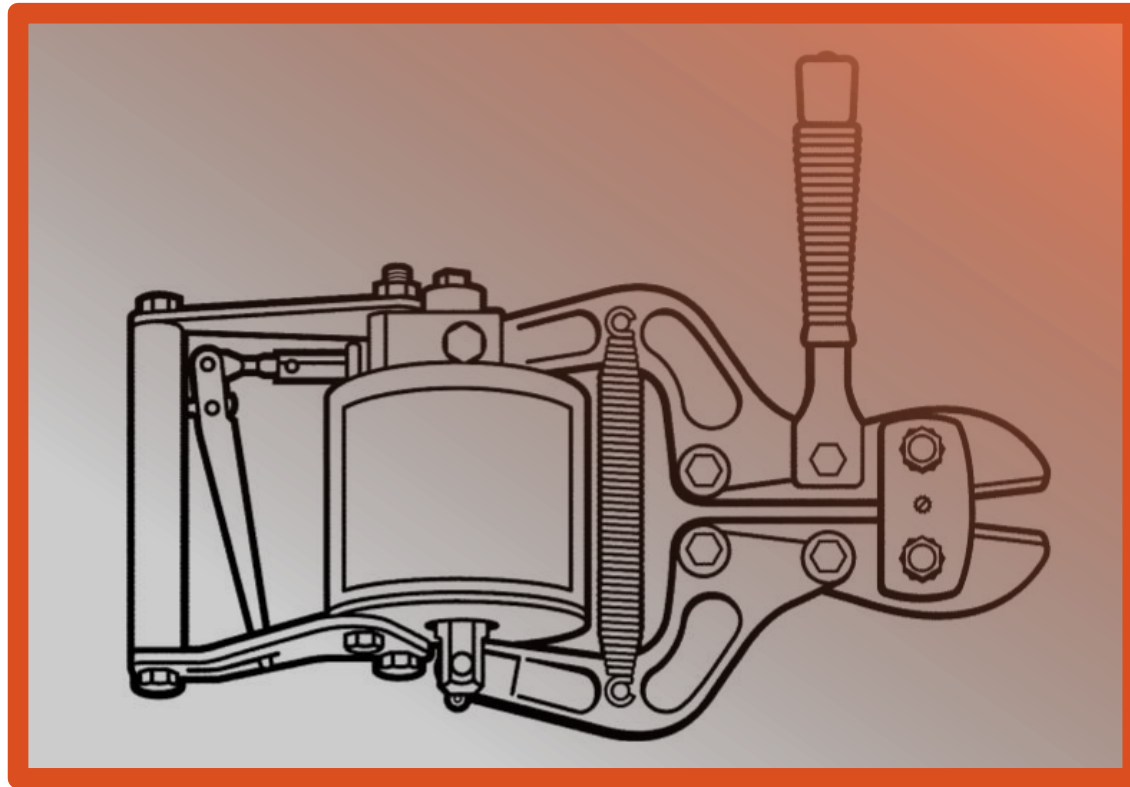


0990T



2790HKP

Pneumatic Cutters



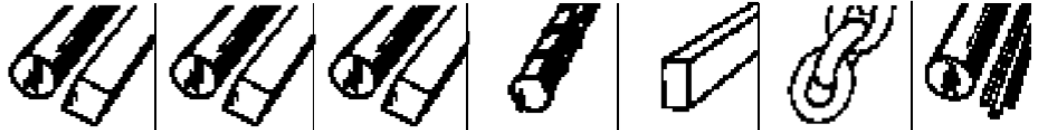
Pneumatic Cutters

Equipment

Lightweight, fast operating and easily positioned-HKP Power Pneumatic Cutters can be carried to any location, may be bench or floor mounted, and operated by remote control. HKP pneumatic Cutters deliver tons of cutting power on virtually any cutting application, yet require only 80-120 PSI (pounds per square inch) of air supply.

Because of their compact portability, they are ideal for use on construction and utility installations and other demanding requirements such as production cutting. Functional design makes them easy to handle, easy to use. Adjustable handle allows multi-position holding. Spring controlled piston speeds up cycle time. Finger pressure valve control provides positive, effortless cutting. Outstanding engineering features give additional flexibility. Short piston stroke permits use in confined areas.

Type and size of material to be cut - Maximum Capacity



	Steel Low Carbon to 90,000 lb (40,824 kg) Tensile Rockwell 15 Inch mm		Steel High Carbon to 130,000 lb (58,968 kg) Tensile Rockwell 30 Inch mm		Steel High Alloy to 180,000 lb (81,648 kg) Tensile Rockwell 40 Inch mm		Reinforcing Bars to 75,000 lb (34,020 kg) Tensile to Grade 75 Inch mm		Stainless Steel to 180,000 lb (81,648 kg) Tensile to Rockwell 40 Inch mm		Chain High Alloy to 180,000 lb (81,648 kg) Tensile to Rockwell 40 Inch mm		Aluminum Brass Copper Rod Bar Inch mm	
9190C	3/8	10	3/8	10	5/16	8	5/16	8	5/16	8	5/16	8	3/8	10
9290C	1/2	13	1/2	13	3/8	10	3/8	10	3/8	10	3/8	10	1/2	13

Pneumatic Cutters

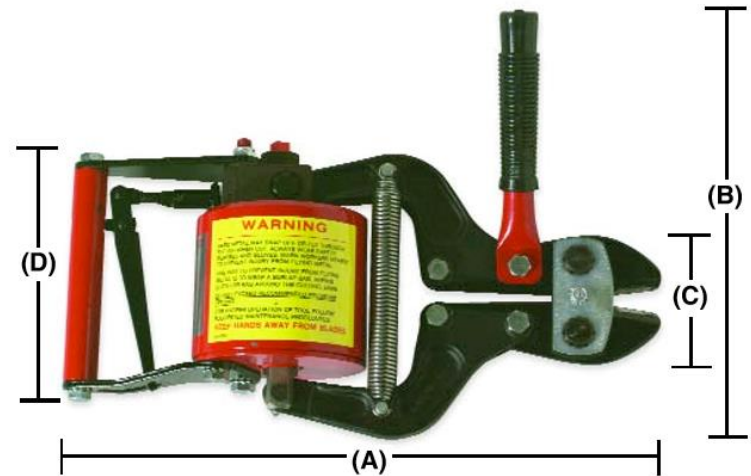
Equipment

Product Information

Catalog No 0290FCSR

Features & Benefits

- Heavy-duty model for 90-130 psi or lightweight model for 80-120 psi
- Used in the wire-shelving industry • No exhaust shock
- Cuts soft, medium, or hard materials (refer to chart on pages 300 - 301)
- Heavy-duty work head (9290 series) has 5" bore (127mm) and 3" stroke (76mm)
- Light duty work head (9190 series) has 4" bore (102mm) and 2" stroke (51mm)
- Cutting controlled by manual pressure
- Filter-lubricator units recommended in air supply line for long tool service



Cat No.	Description	A		B		C		Approx. Weight		Capacity	
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
9190C	Light duty, Center 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

Pneumatic Cutters

Spare Part Kits

Assembly Kits for 9190 Series

9140	Cylinder Assembly
9175C	Arm/Head Assembly
9113C	Cutterhead Assembly
N9171	Trigger Assembly
9113NE	Cutterhead Clip Assembly
9174	Valve Body Assembly
9173	Plunger Assembly

Assembly Kits for 9290 Series

9240	Cylinder Assembly
N9271	Trigger Assembly
T9274	Valve Body Assembly
P9275C	Cutterhead & Arm Assembly
9241	Replacement Arm Assembly
9213C	Cutterhead Assembly

Repair Kit R9190 & Its Content

9128	CYLINDER SET SCREW-9190	9128
9129	9129 WIPER-CYLINDER	9190
9132S	O RING BUMPER	9132S
9133	Piston Seal, 9190 Series	
9134	O RING PISTON TO SUT	9190 9134
T9153	9153 GASKET-VALVE CAP	9190/9290
9156	9156 GASKET-VALVE	9190/9290
9163	9163 GASKET-CAP NUT	9190/9290
9164	9164 O RING-VALVE PLUN	91/9290
9165	9165 SCREEN - AIR BREATHER	
SM0078	SM0078 O RING FOR	- 9190/9290
330389	330389 O RING	

Repair Kit R9190 & Its Content

T9153	9153 GASKET-VALVE CAP	9190/9290
9156	9156 GASKET-VALVE	9190/9290
9163	9163 GASKET-CAP NUT	9190/9290
9164	9164 O RING-VALVE PLUN	91/9290
9165	9165 SCREEN - AIR BREATHER	

Tool Recommendations

<u>Material</u>	<u>Tool</u>
ACAR (Cable Aluminum Reinforced)	Manual: 0690CSJ, 0890CSJ, 0190CSP, 0390CSP, (Aluminum) 0290FCS, 0390FCS, 3590FS, 5090FS Ratchet: 6990FS, 6990FSL, 6990TS, 8690CS, 8690FSK, 8790FSK, 8790CS
ACSR (Aluminum Cable Steel Reinforced)	Manual: 0290FHJ, “MCK” Tools Ratchet: 6990FHL, 8690FH
Aircraft Cable	Manual: 0690TN, “MTN” Tools Ratchet: 8690TN
Angle Iron, Slotted	Manual: 2790HKP
Chain, Alloy	Manual: 0590MBC, 0590MTC
Chain, Non-Alloy	Manual: PWC9, 0690C, 0190MHC, 0390MHX, 0590MHX Pneumatic: 9190C, 9290C
Communications Cable	See ACAR
Guy Strand, Common	Manual: “MCK” Tools Ratchet: 8690CK
Guy Strand, EHS	See Guy Strand, Common

Tool Recommendations

<u>Material</u>	<u>Tool</u>
Kryptonite	Manual: 0590MBC, 0590MTC
Music Wire	Manual: 0690TN, PWC9
Oil Tempered Wire	See Rebar/Reinforcing Rod – Upgrade the Tool*
Nuts (up to RC15)	Manual: 1390PQ
Padlock	See Chain
Power Cable	Manual: 0690CSJ, 0890CSJ, 0290FCS, 0390FCS Ratchet: 3590FS, 5090FS, 6990FS, 6990FSL, 6990TS, 8690FSK, 8790FSK, 8790CS, 8690CS
Pre-stressed Cable	See EHS GUY Strand – Up Grade Tool*
Rebar/Reinforcing Rod	Manual: “MCX” Series, 0590MBC, 0590MTC, 0590RBJN Pneumatic: 9190C, 9290C
Spring Wire	See Rebar/Reinforcing Rod – Upgrade the Tool*
Strapping, Steel	Manual: 0990T, 1290G, 2690GP
Tire Chain, Repair	Manual: 1390L, 0390MLN
Wire Rope	See Aircraft Cable