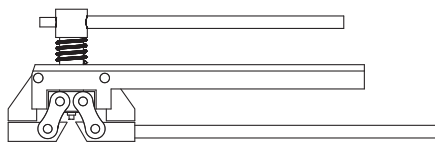


CHAIN BREAKERS

The purpose of a chain breaker is to disassemble pin links in order to split a strand of chain to create the appropriate length or remove it from a drive. Chain breakers will work on either single- or multiple-strand chain.

To disassemble a pin link, place the breaker jaw over one of the rollers connected by the pin link located where you wish to split the chain. Center the chain breaker push-out pin over one of the two pins of the pin link you wish to remove. Turn the top handle clockwise until the pin loosens. Then, drive it partially through the link plate. Follow the same procedure on the other pin of the same pin link. Return to the original pin and force it completely through the pin plate. Do the same with the second pin, freeing the link plate from both pins. Remove the disassembled pin link from the chain.



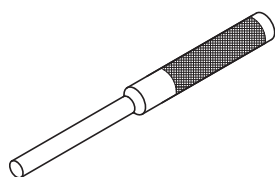
Chain Breakers		
Chain Sizes	Model Number	Replaceable Points
25–60	CB25-60	CBRP-1 TIP
60–100	CB60-100	CBRP-2 TIP
120–160	CB120-160	CBRP-3 TIP

CHAIN-BREAKING PUNCHES

Drift punches are used to disassemble pin links.

For riveted chain: First, grind off the heads of the pins making sure the metal particles do not contaminate the rest of the chain. Next, use a drift punch to gradually drive the pins through the link plate, alternating from one pin to the other. Be careful that neither pin gets cocked in the link plate. Continue until the link plate is free.

For cottered chain: instead of grinding the pins, simply remove the cotter pin and follow the instructions for riveted chain.



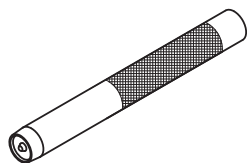
Drift Punch

Chain-Breaking Punches	
Chain Sizes	Drift Punch
40–60	DP40-60
80–120	DP80-120
140–240	DP140-240

RIVET-SETTING PUNCHES

Rivet-setting punches are used to form the heads of rivets completing the assembly of connecting links.

While supporting the plate-pin assembly, use the **rivet-setting punch** to hammer the headless pin ends, spreading each into a uniform shape to secure the link plate. Check to be sure the roller links articulate freely on the connecting-link pins.

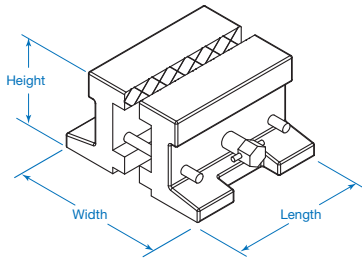


Rivet Setting Punch

Rivet-Setting Punches	
Chain Size	Model Number
40	RP40
50	RP50
60	RP60
80	RP80

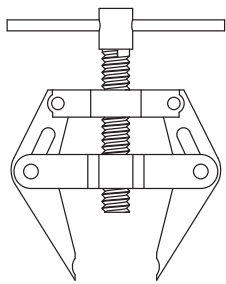
CHAIN VISES

Chain vises are used with punches to assemble and disassemble roller chain.

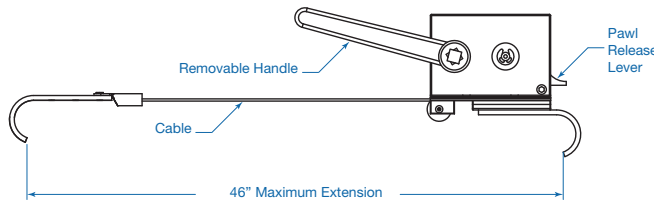


Chain Vises						
FITS CHAIN SIZES			Model Number	DIMENSIONS		
Single-Strand	Double-Strand	Triple-Strand		Length	Height	Width
40-80	40-2	—	CV40-80	3.94"	2.56"	3.70"—4.53"
100-160	50-2-100-2	40-3-100-3	CV100-160	7.09"	4.53"	4.72"—5.94"
180-240	120-2-240-2	120-3-140-3	CV180-240	7.87"	6.69"	7.09"—8.66"

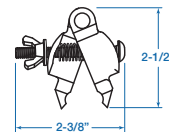
CHAIN PULLERS



Screw-Type



Cable-Operated



Pocket-Sized

Chain Pullers	
Chain Sizes	Model Number
Screw-Type	
35-60	STCP35-60
40-80	STCP40-80
80-240	STCP80-240
Cable-Operated	
80-240	COCP80-240
Pocket-Sized	
35-60	PSCP35-60

Screw-Type

These chain pullers help make roller chain installation quick and easy. Simply hook the two jaws into each end of the chain, then turn the screw until the two ends of the chain are in position for installing a connecting link.

Cable-Operated

This handy tool is designed to work on size 80 through 240 roller chain. It will work for single- or multiple-strand, and 2080 through 2120 double-pitch chain. It also works on most conveyor and engineered chains with a width of 5/8" or more between the inside of the roller-link plates. This style of chain puller can either hold a previously installed chain in place on the sprockets while being repaired or draw together the ends of a replacement chain during installation.

To hold chain in place while replacing a damaged section—place the hooks on the rollers past the part of the chain to be removed. Take up the slack in the cable by turning the handle until the chain between the hooks is slack. This will allow the removal of the damaged section while the rest of the chain stays in position on the sprockets. After the replacement section is installed, release the cable by unlocking the ratchet's pawl release lever and remove the tool.

To install a new or replacement chain—hook the two jaws into each end of the chain, then turn the handle, retracting the cable, until the two ends of the chain are in position to install a connecting link. When finished, release the cable by unlocking the pawl release lever and remove the tool.

Pocket-Sized

Compact, light, and easy to use, this handy tool holds the ends of the chain in position for installing a connecting link. Hook the two jaws to each end of the chain, then turn the spring-loaded thumb screw until the chain is in position.