

mo CLAMP™

COLLISION REPAIR TOOLS & ACCESSORIES

2012/2013



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Mo-Clamp Tooth and Wedge Design Information

Mo-Clamp self-tightening clamps come in a variety of sizes and shapes for use by the autobody repair technician. Mo-Clamp is the originator of the self-tightening clamp, using the patented wedge pulling ring. All self-tightening clamps use drop-forged wedges for strength and durability. Additionally, the Dyna-Mo clamps use a round wedge design, which allows the wedge to turn during use, avoiding twists and bends. This enables the attached chain to maintain a straight pulling line, which greatly enhances the life of the chain.



Original Wedge



Round Wedge

Mo-Clamp products come with three varying tooth designs as described below:



Gator tooth design:

Aggressive design for holding structural components. Some deformation of the metal may result from the gator tooth. However, products with this tooth design are used in areas of vehicle repair which are not visible to the consumer.



Original horizontal tooth design:

Provides a secure grip on all metal surfaces. Some clamps use a variation of this design with an angled horizontal tooth design.



Cross hatched tooth design:

Aggressive design for holding lighter weight sheet metal and component parts. Causes less deformation than other tooth design patterns yet grips securely.

Service Tips

Clamps

- Keep clamp teeth from becoming filled with dirt, undercoat, etc., by cleaning with a wire brush.
- Keep clamp teeth sharp by filing with a sharp 3-corner file.
- Check clamp nuts and bolts frequently as they are the parts that wear first under extreme loads. Replace worn bolts with authorized Mo-Clamp bolts as designated for each product in this catalog.
- Keep clamps clean and hanging on tool boards or tool rack for all to see and use.
- Keep bolts lubricated by using a small amount of Mo-Goo™ Anti-seize compound.
- Do not use an impact wrench to tighten or loosen bolts as this damages the threads.

Chain

- Extend life and strength of chain by proper inspection, care and use.
- Inspect chain, before using, for danger signs; twists and bends, nicks, gouges, stretching or excessive wear.
- Avoid sharp corners. Use protective pads on the chain. Links may be subject to severe stress, distortion, and wear which greatly reduces safe pulling capacity and could cause breakage.
- Avoid twists. The tensile strength of a chain is measurably reduced if the links are twisted.
- Avoid overload. Overloading causes stretching and reductions in the diameter of the chain lengths, reducing the ultimate strength of the chain. If a chain has been inadvertently overloaded, it should be immediately inspected for visible damage. If damage is found, the chain should be removed from service.
- Avoid sudden jerks when applying pressure to the chain. Rapid load application can produce overloading.

WARNING:

**NEVER STAND WITHIN SIX FEET IN ANY DIRECTION WHILE CHAIN IS UNDER TENSION.
ALWAYS USE SECONDARY SAFETY TIES FOR CHAIN.**



WARNING

Safety Warning

If not properly installed, operated, and maintained, the use of all clamps, accessories, chain and hooks present the possibility of personal injury or property damage. Before using clamps, become familiar with applicable installation, operation and maintenance requirements. Mo-Clamp products should be used only by authorized, properly trained and supervised operators.

Observing the following general precautions will guard against damage and injury:

- Inspect clamps and equipment before use. Do not use if components are bent, elongated, gouged, nicked excessively, worn, or damaged.
- Make sure that nuts, bolts, pins and other fasteners are tightened and secure.
- Avoid sudden jerks when applying pressure on clamps, chain, hooks, and accessories. Rapid load application can produce overload situations.
- Use clamps and other tools only if authorized and properly trained.
- When replacing nuts and bolts in clamps, use only authorized Mo-Clamp replacement nuts and bolts. For safety purposes, a grade 5 nut and bolt should be used with self-tightening clamps (B,C, Jr, W, Mini-C, and Dyna-Mo clamps). For other clamps, use of a grade 8 nut and bolt is suggested. Replacement nut and bolt part numbers are noted for each Mo-Clamp product in this catalog. Use of non-authorized replacement nuts and bolts will void any warranty, and may increase the likelihood of product failure.
- Do not exceed rated capacity or working load limit.
- Do not use an impact wrench to tighten or loosen bolts as this damages bolt threads and could cause a clamp to release its grip.

Safety Tips

There are no safety procedures defined to encompass all pulling situations. Use common sense, your shop's in-house safety guidelines, the precautions below, and other safety procedures which you have found effective through training and experience, to avoid situations where potential injury or damage might occur.

In view of the fact that there are risks involved in performing collision repair, the following safety precautions are suggested:

- Always monitor your anchoring locations during a pulling operation.
- Be on the lookout for separating weld seams.
- Listen for popping noises that may mean your weld is breaking.
- Thoroughly clean clamp jaws prior to use.
- Any grease or undercoating from the attachment points should be removed.
- When attaching pulling clamps, make sure that wires, lines and hoses will not be subject to damage.
- Never stand directly in front of, or behind your pulling equipment.
- Always use secondary safety ties for chain.
- Never overload your pulling equipment. If your pulling equipment is stressed, release the tension and re-evaluate the pull.
- To minimize backlash from a loosened chain or clamp, wrap with safety chains, blankets or tarps.
- Always have a pressure gauge with your equipment and monitor when in use.
- Use only mounting points to attach a pull. Never attach to any suspension or mechanical parts.

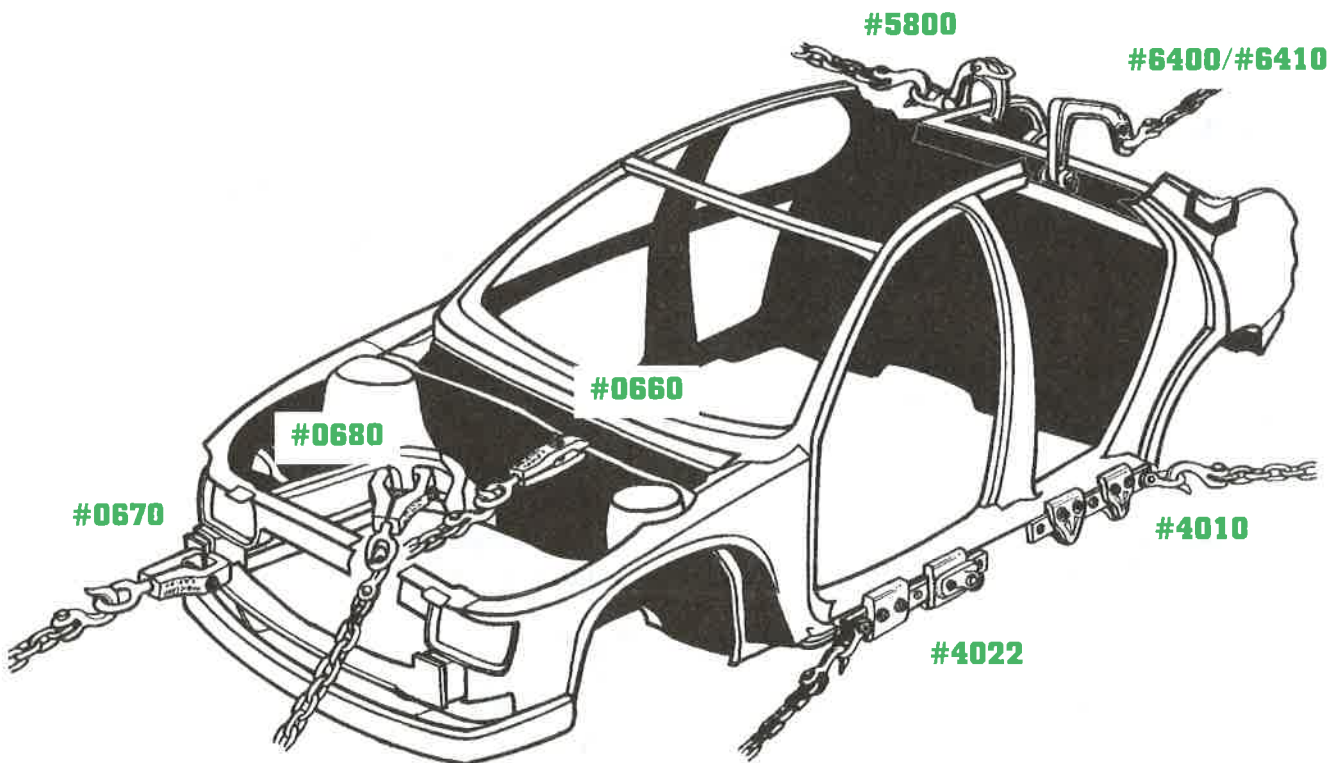
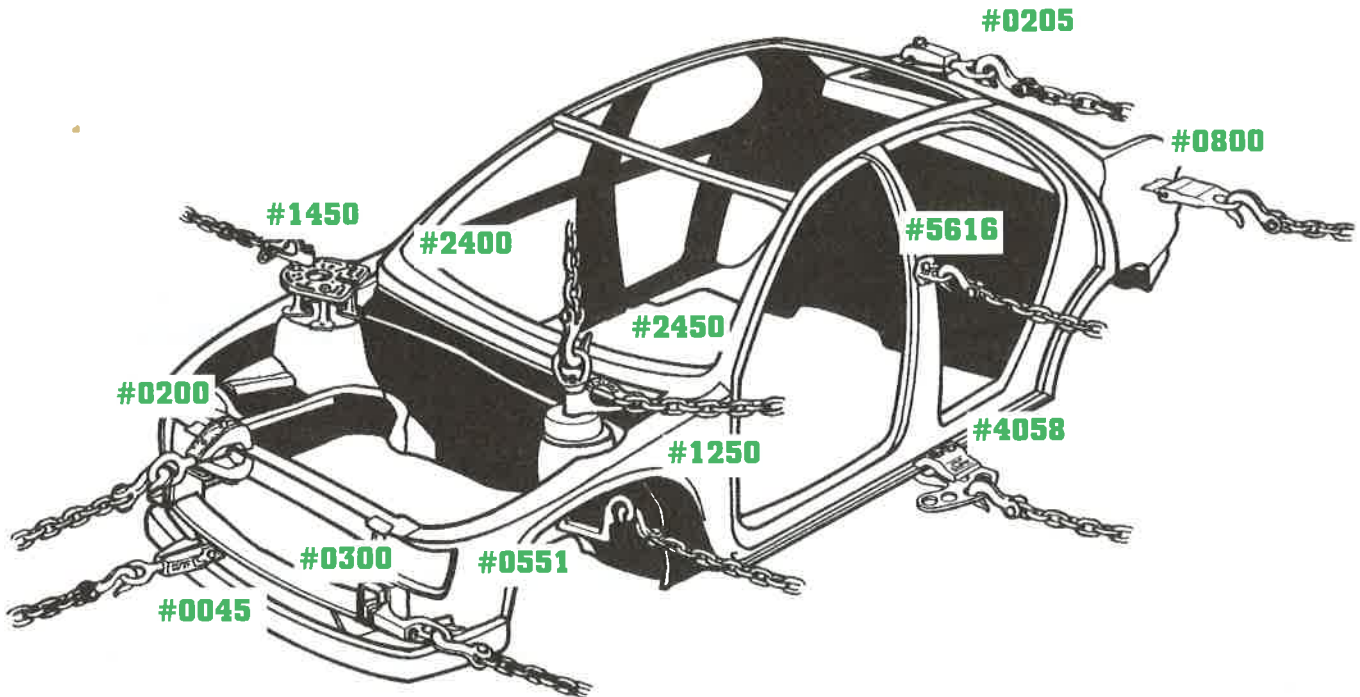
If you don't understand the "Safety Warnings" and "Safety Tips" – Don't use our products.

Have You Invented a New Tool?

Find out how we can help turn your ideas into money! Turn to the inside of the back cover for more information.

Typical Applications

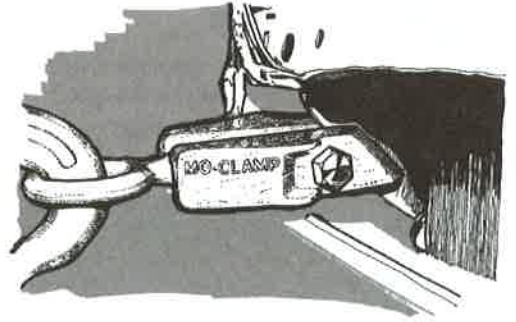
The following are typical applications of the more common, straightforward uses of Mo-Clamp products, but they don't stop here! The potential application of Mo-Clamp products is as great as the imagination and creativity of the technician.



#0045 Angle Bite™ Clamp

The Angle Bite is a self-cleaning, self-tightening clamp with a gator tooth design and a 45° head for those hard-to-pull areas, such as the Mercedes 107 front chassis rail, as shown.

Drop-forged wedge for extra durability and long life.

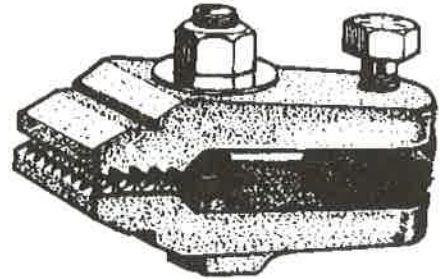


Specifications: Gripping surface: 2 1/4" wide (57 mm) Overall length: 9 1/4" (235 mm)
Weight: 6 lbs. (2.72 kg), Capacity: 5 tons (4,536 kg)
Replacement Parts: #5350 Nut & Bolt, #9701 Wedge

#0050 A™ Clamp

The A Clamp grips narrow seams and ridges. Hardened steel cross-hatch teeth assure a secure pull. Excellent for use with slide hammer. Clamp has raised "bolt stoppers" to hold bolts stationary, for easy, one-handed tightening. Use only with 1/4" chain.

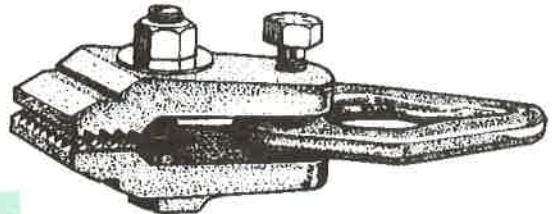
Specifications: Gripping surface: 1 1/2" wide (39 mm), 3/4" deep (19 mm) Overall length: 3 1/2" (89 mm) Weight: 2 lbs. (.91 kg), Capacity: 3 tons (2,722 kg)
Replacement Parts: #520046 Bolt, #5225 Nut, Bolt, & Washer



#0053 A™ Clamp w/Pull Ring

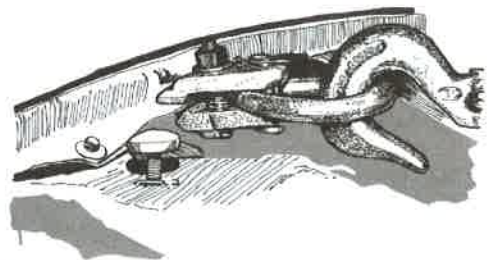
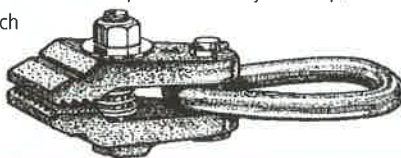
The A Clamp grips narrow seams and ridges. Hardened steel cross-hatch teeth assure a secure pull. Excellent for use with slide hammer. Clamp has raised "bolt stoppers" to hold bolts stationary, for easy, one-handed tightening. Includes pull ring for easy chain hook-up that swivels in the direction from which you want to pull. Use only with 1/4" chain.

Specifications: Gripping surface: 1 1/2" wide (39 mm), 3/4" deep (19 mm) Overall length: 3 1/2" (89 mm), Weight: 2 lbs. (.91 kg), Capacity: 3 tons (2,722 kg)
Replacement Parts: #520046 Bolt, #5225 Nut, Bolt, & Washer, #000120 Mini Pull Ring



#0054 Mini Spring™ Clamp

Spring loaded for easy opening. Includes Oval Loop for use with Slip Hook for easy hook-up. For light sheet metal in those tight places. Cross-hatch tooth design for an aggressive bite. Clamp has raised "ears" to hold bolts stationary, for easy, one-handed tightening.

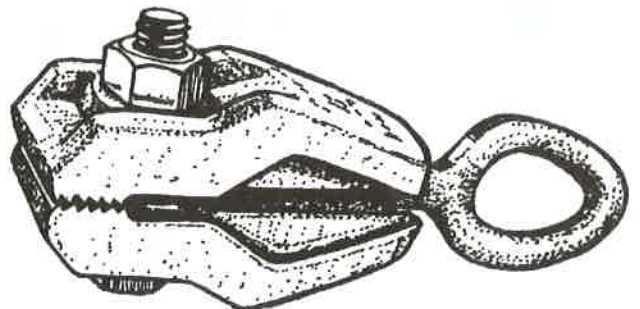


Specifications: Gripping surface: 1 1/2" (39 mm), 3/4" deep (19 mm), Overall length: 6" (152 mm), Weight 3 lbs. (1.36 kg), Capacity: 3 tons (2,722 kg)
Replacement Parts: #5225 Nut, Bolt, & Washer, #5220 Clevis Pin & Rue Clip, #4043 Oval Loop, #840078 Spacer, #840077 Spring

#0100 B® Clamp

Self-Tightening. The bodyman's right arm. It grabs 2 1/4" (57 mm) of metal, making it ideal for hard pulls on heavy metal or frame. Original wedge. Original straight cut tooth design.

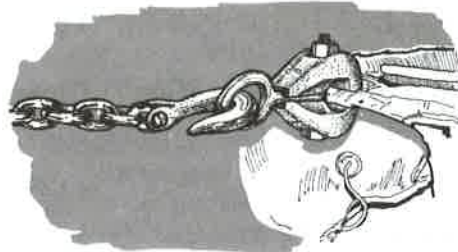
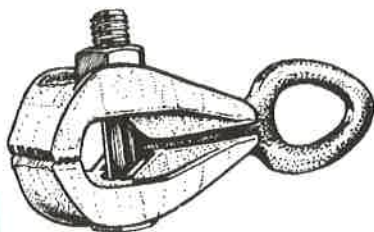
Specifications: Gripping surface: 2 1/4" wide (57 mm), 1" deep (25 mm) Overall length: 9 1/2" (241 mm), Weight: 7 lbs. (3.18 kg) Capacity: 6 tons (5,443 kg)
Replacement Parts: #5122 Nut & Bolt, #9701 Wedge, 840087 Spring



#0200 C® Clamp

Self-tightening. Its 1 1/2" (39 mm) throat clearance fits over a flange or frame horn, or around a lip to pull from behind. Original wedge. Original straight cut tooth design.

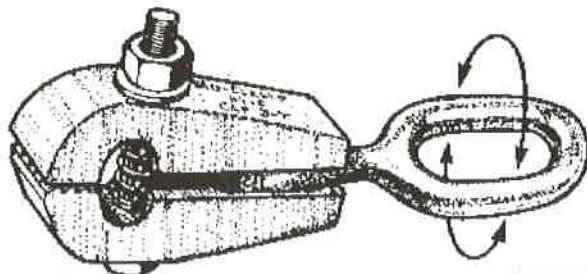
Specifications: Gripping surface: 2" wide (50 mm), 5/8" deep (16 mm), Overall length: 8 1/2" (215 mm)
Weight: 7 lbs. (3.18 kg), **Capacity:** 5 tons (5,436 kg)
Replacement Parts: #5130 Nut & Bolt, #9701 Wedge, 840089 Spring



#0205 Dyna-Mo™ C Clamp

New generation of Mo-Clamps. Self-tightening. Great for getting over lips or edges. Drop-forged round wedge to keep the twist out of chain, aggressive cross-hatch tooth design, spring-loaded for easy opening.

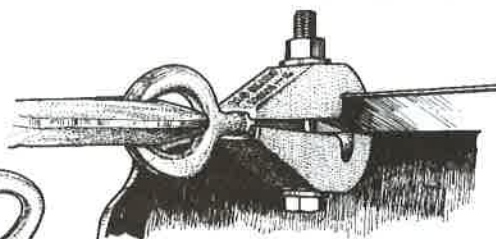
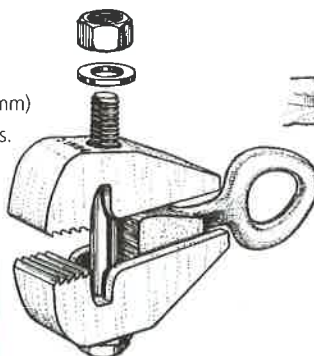
Specifications: Gripping surface: 1 1/4" wide (32 mm), 1/2" deep (13 mm)
Overall length: 7" (178 mm), **Weight:** 2 lbs. (.91 kg), **Capacity:** 3 tons (2,722 kg)
Replacement Parts: #5246 Nut, Bolt, Spring & Washer, #9702 Wedge



#0250 Mini-C™ Clamp

Self-tightening. Small, light, versatile. Has a minimum of 1 1/2" (38mm) throat clearance to reach around flanges, cowls, pinch welds and lips. Butts against panels where only narrow bite is available. 1 1/2" (38 mm) jaws give added grip. Original wedge. Original straight cut tooth design.

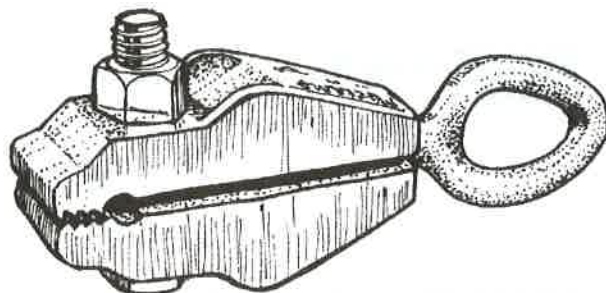
Specifications: Gripping surface: 1 1/2" wide (38 mm), 3/4" deep (19 mm), Overall length: 8 1/2" (216 mm)
Weight: 6 lbs. (2.72 kg), **Capacity:** 5 tons (4,536 kg)
Replacement Parts: #5335 Nut, Bolt & Washer, #9701 Wedge



#0300 Jr® Clamp

One of Mo-Clamp's original self-tightening clamps. A must for every bodyman. 1 1/2" wide bite for aggressive pulling. Original wedge. New angled tooth design.

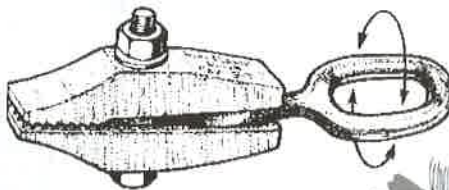
Specifications: Gripping surface: 1 1/2" wide (38 mm), 3/4" deep (19 mm)
Overall length: 9" (229 mm), **Weight:** 5 lbs. (2.27 kg), **Capacity:** 5 tons (4,536 kg)
Replacement Parts: #5350 Nut & Bolt, #9701 Wedge, 840087 Spring



#0305 Dyna-Mo™ Jr Clamp

New generation of Mo-Clamps. Self-tightening. Thin-edged nose for getting into hard-to-reach places. Drop-forged round wedge to keep twist out of chain, aggressive cross-hatch tooth design, spring-loaded for easy opening.

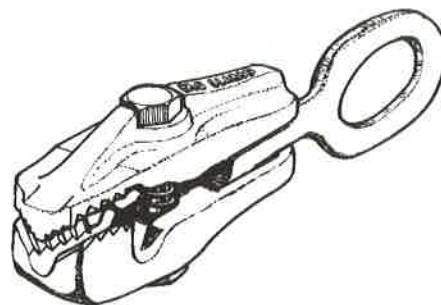
Specifications: Gripping surface: 1 1/4" wide (32 mm), 1" deep (25 mm)
Overall length: 7" (178 mm), **Weight:** 2 lbs. (.91 kg), **Capacity:** 3 tons (2,722 kg)
Replacement Parts: #5247 Nut, Bolt, Spring & Washer, #9702 Wedge



#0307 Dyna-Mo Corner Clamp

With 3 tons of capacity, the Corner Clamp conforms to the exacting standards of all Mo-Clamp products. Made from Mo-Clamp Tru-Tuff™ heat-treated steel alloy, the 90° Corner Clamp uses a drop forged wedge for added strength. Eliminates the need to use two separate clamps and will be able to get into narrow and confined areas.

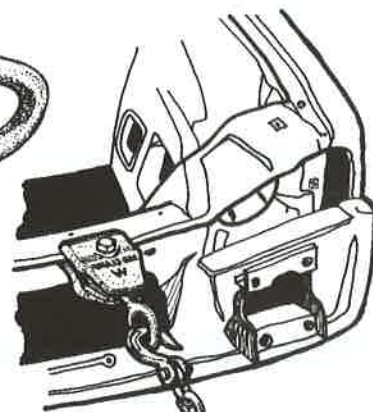
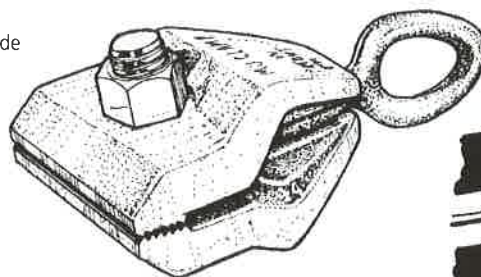
Specifications: Overall length: 7" (178 mm), Weight: 2.14 lbs. (.97 kg)
Capacity: 3 tons (2,722 kg), Throat Depth: 1" (25.5 mm)
Replacement Parts: #5257 Nut, Bolt, Spring & Washer, #9702 Wedge



#0400 W® Clamp

Self-Tightening. The Super Clamp for the tough jobs. Ultra-wide gripping surface. Grabs 4 1/4" of metal. Original wedge. Original straight cut tooth design.

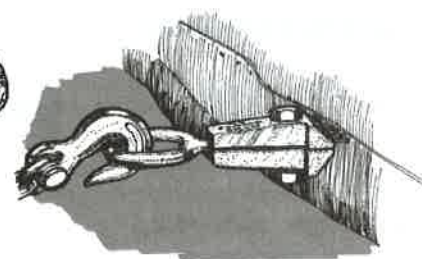
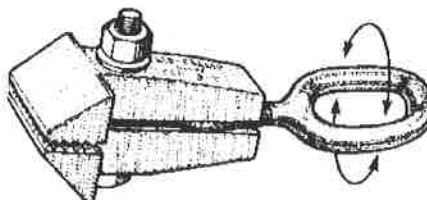
Specifications: Gripping surface: 4 1/4" wide (108 mm), 1" deep (25 mm), Overall length: 9 1/2" (241 mm)
Weight: 11 lbs. (4.99 kg), Capacity: 6 tons (5,443 kg)
Replacement Parts: #5120 Nut & Bolt, #9801 Wedge



#0405 Dyna-Mo™ W Clamp

New generation of Mo-Clamps. Self-tightening. Wider tooth surface to grab more thin metal without tearing. Drop-forged round wedge to keep twist out of chain and aggressive cross-hatch tooth design.

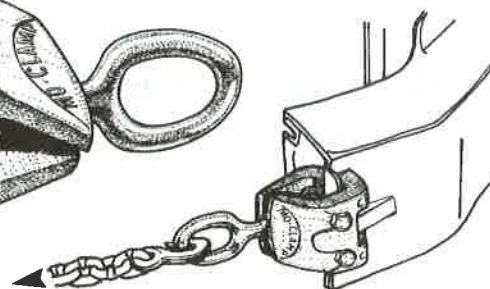
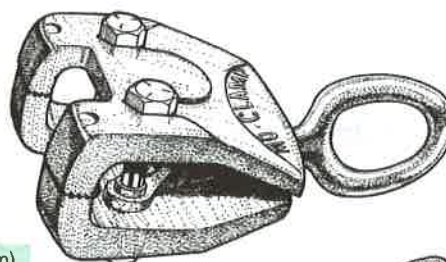
Specifications: Gripping surface: 2 1/4" wide (57 mm), 1 3/4" deep (45 mm)
Overall length: 7" (178 mm), Weight: 3 lbs. (1.36 kg), Capacity: 3 tons (2,722 kg)
Replacement Parts: #5247 Nut, Bolt, Spring & Washer, #9702 Wedge



#0440 Twin Claw™ Clamp

Self-Tightening. The Twin Claw™ jaws and drop forged wedge distribute the clamping load – reducing the possibility of metal tearing. Severe duty tooth design for maximum gripping bite and minimized metal distortion. The jaw openings allow use around lips of core supports and aprons, clamps to floor pans and a myriad of other pulls.

Specifications: Gripping surface: 4" (102mm) Overall length: 8" (203 mm)
Weight: 8 lbs. (3.63 kg), Height: 3" (76 mm), Capacity: 5 tons (4,536 kg)
Replacement Parts: #9701 Small Wedge, #5255 Nut, Bolt & Washer
#840081 Spring



#0450, #0451, #0452 Flash Clamps

Spring-loaded operation makes each clamp easy to use. Pivoting heads allow for a secure grip on uneven surfaces. Heat-treated investment cast jaws provide years of effective pulling power. Retaining bolt holds clamps in place. Drop forged wedge. Teeth can be easily replaced.

#0451 Specifications: Capacity: 3 tons (2,722 kg), Length: 8" (228 mm), Width: 1.5" (38mm), Weight: 2.8 lbs. (1.27 kg),
Replacement Parts: #045103 Pivot jaw, #010704 Wedge, #520038 Pivot pins, #520031 Retaining bolt, #840076 Spring

#0450 Specifications: Capacity: 5 tons (4,536 kg), Length: 8" (228 mm), Width: 2" (50.7mm), Weight: 3 lbs. (.91 kg),
Replacement Parts: #010453 Pivot jaw, #010702 Small round wedge #520039 Pivot pins, #520033 Retaining bolt, #840076 Spring

#0452 Specifications: Capacity: 7 tons (6,350 kg), Length: 8" (228 mm), Width: 3.5" (89mm), Weight: 4.5 lbs. (2.0 kg),
Replacement Parts: #045203 Pivot jaw, #010706 Wedge, #520029 Pivot pins, #520033 Retaining bolt, #840076 Spring

**3 Ton
#0451**

**5 Ton
#0450**

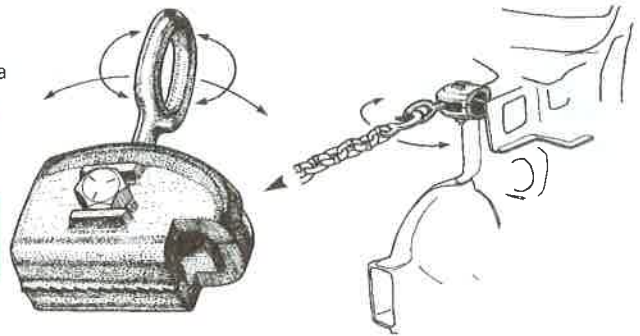
**7 Ton
#0452**



#0480 135° Swivel Clamp

New generation of Mo-Clamps. Self-tightening. Provides multi-angle pulling from a single clamp. This clamp allows the drop forged round wedge to move within the clamp's channel to provide the exact angle of pull needed – while allowing it to pivot to avoid twists in the chain.

Specifications: Gripping surface: 2" (51mm), Overall length: 5" (127 mm)
 Weight: 5.7 lbs. (2.6 kg), Capacity: 5 tons (4,536 kg)
Replacement Parts: #010703 Large Round Wedge, #5256 Nut, Bolt & Washer



#0550 T.O.™ Clamp (Tight Opening)

Mo-Clamp's new design Tight Opening Clamp has all of the same gripping dimension requirements as the old design. Redesigned and strengthened with our totally new screw drive mechanism.

Still a full 3 ton capacity. Still able to reach core support and upper sheet metal areas where no other can. Perfect for small pick-up frame rails.

Specifications: Gripping surface: 1 1/2" wide (38 mm), 1/2" deep (13 mm) Overall length: 6 1/2" (165 mm), Weight: 3 lbs. (1.36 kg), Capacity: 3 tons (2,722 kg)



#0551 T.O.™ Clamp (Tight Opening)

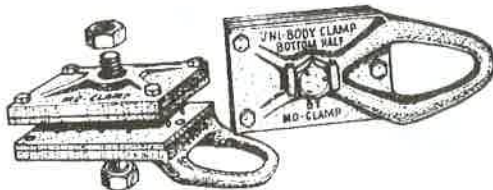
The redesigned, improved, original T.O. Clamp, with its long nose and direct pull capabilities, compliment the entire Mo-Clamp line. With 3 ton capacity, this clamp will get in tight spots and provide plenty of pulling power. Add to that the aggressive bite of Mo-Grip™ on the clamp jaws. Welcome back an old friend.

Specifications: Gripping surface: 1 1/2" wide (38 mm), 1/2" deep (13 mm)
 Overall length: 8 3/4" (222 mm), Weight: 5 lbs. (2.27 kg)
 Capacity: 3 tons (2,722 kg) **Replacement Parts:** #5250 Bolt



#0600 Unibody Clamp

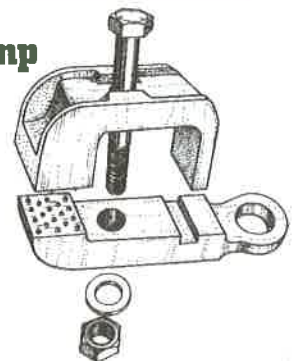
Designed as a tie-down for unitized bodies with no pinch welds, and/or pulling floor pans. Staggered case-hardened pin teeth allow full non-slip gripping in any plate location as plates need not be squarely lined up with one another.



Specifications: Gripping surface: 4" wide (102 mm), 6" deep (152 mm)
 Overall length: 9 1/4" (235 mm), Weight: 11 lbs. (4.99 kg),
 Capacity: 5 tons (4,536 kg)
Replacement Parts: #5121 Nut & Bolt, #9920 Nails & Plugs (20 each)

#0650 Box™ Clamp

A must for pulling on box rails with welded-on bumper flanges. Reaches around protruding metal to get a grip on hard-to-reach surfaces. Its heat-treated jaws grip a substantial area for pulls from several directions and angles. Gator tooth design.



Specifications: Gripping surface: 2" wide (50 mm) 2" deep (50 mm)
 Overall length: 10" (254 mm), Weight: 10 lbs. (4.54 kg)
 Capacity: 4 tons (3,629 kg)
Replacement Parts: #5330 Nut, Bolt & Washer

#0655 Dyna-Mo Box Clamp™

These heat-treated jaws reach around flanges and other obstructions to get a grip on hard-to-reach surfaces. Severe duty tooth design for aggressive pulling power.

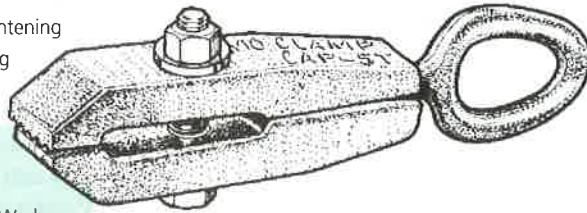
Specifications: Gripping surface: 1 1/4" wide (32 mm), 1/2" deep (10 mm), Overall length: 8" (201 mm)
Weight: 4 lbs. (1.81 kg), Capacity: 3 tons (2,722 kg)
Replacement Parts: # 9702 Wedge, #5254 Nut, Bolt, Spring & Washer



#0660 Long Nose™ Clamp

Similar to the popular #0300 JR Clamp, the Long Nose is self-tightening and includes the original wedge. Cross-hatch tooth design, spring loaded for easy opening, deeper reach for hard-to-get-to areas.

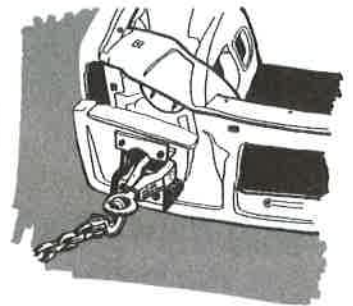
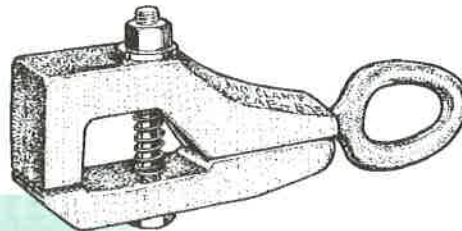
Specifications: Gripping surface: 1 3/4" wide (45 mm) 1" (25 mm) deep, Overall length: 9 1/2" (241 mm)
Weight: 6 lbs. (2.72 kg), Capacity: 5 tons (4,536 kg)
Replacement Parts: #5251 Nut, Bolt, Spring & Washer, #9701 Wedge



#0670 Baby Box™ Clamp

Self-tightening. Great for single-lip flanges and inside frame horns. Original wedge; cross-hatch tooth design; spring-loaded for easy opening. Throat clearance of 1 1/2" high (38 mm), 1 1/4" deep (32 mm).

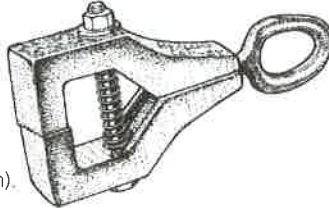
Specifications: Gripping surface: 1 3/4" wide (45 mm) 1" deep (25 mm), Overall length: 9 1/2" (241 mm)
Weight: 7 lbs. (3.18 kg), Capacity: 5 tons (4,536 kg)
Replacement Parts: #5252 Nut, Bolt, Spring & Washer, #9701 Wedge



#0680 Big Mouth™ Clamp

Self-tightening. A perfect solution for hard-to-get-to areas. Great where large opening is needed. Original wedge; cross-hatch tooth design; spring-loaded for easy opening. Throat clearance of 2 1/4" high (57mm), 1 1/4" deep (32mm).

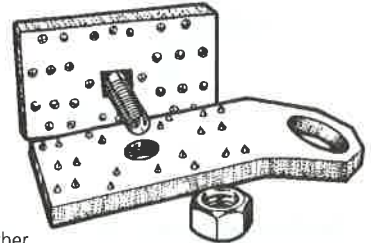
Specifications: Gripping surface: 1 3/4" wide (45 mm) 1" deep (25 mm), Overall length: 9 1/2" (241 mm)
Weight: 8 lbs. (3.63 kg), Capacity: 5 tons (4,536 kg)
Replacement Parts: #5253 Nut, Bolt, Spring & Washer
#9701 Wedge



#0700 Sandwich Clamp™

Designed for use as a standard unibody tie-down clamp with versatility for pinch weld and panel pulling. Staggered case-hardened pins allow full non-slip gripping in any plate location as plates need not be squarely lined up with one another.

Specifications: Gripping surface: 3" wide (76 mm) by 5" deep (127 mm) Overall length: 8 1/2" (216 mm),
Weight: 7 lbs. (3.18 kg), Capacity: 5 tons (4,536 kg)
Replacement Parts: #5140 Nut & Bolt, #590030 Teeth (set of 50)



#0750 Lip Grip™ with Side Pull Bracket

Multi-purpose clamp with gator teeth for sure, non-slip pulls on any lip. Use the Lip Grip as a sandwich clamp on quarter panels or floor sections. The chain loop permits pulling at any angle. Side pull bracket adds a 90-degree angle for two-directional pulling.

Specifications: Gripping surface: 2" wide (51 mm) 5" long (127 mm), Overall length: 6 1/2" (165 mm)
Weight: 7 lbs. (3.18 kg), Capacity: 4 tons (3,629 kg)
Replacement Parts: #5225 Nut & Bolt

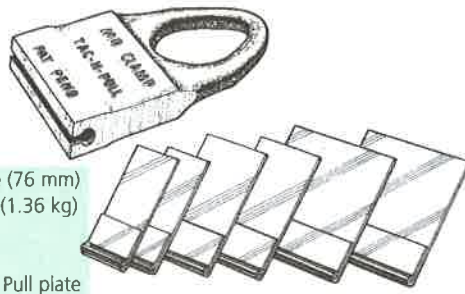


#0800 Tac-N-Pull™ with Pull Plates

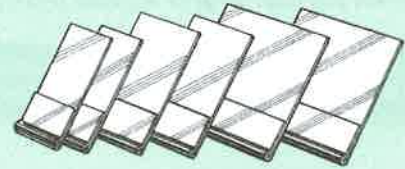
For hard-to-hold pulls. Tack weld one of the reusable plates. Attach clamp and pull. Break tack weld with a grinding cut-off wheel or cutting torch. Includes two 3" plates, two 1 1/2" plates, and two 1" plates.

Specifications: Gripping surface: up to 3" wide (76 mm)
Overall length: 5 1/2" (140 mm), Weight: 3 lbs. (1.36 kg)
Capacity: 3 tons (2,722 kg)

Replacement Plates: #010800 Puller, #0801 1" Pull plate #0802 1 1/2" Pull plate, #0803 3" Pull plate



#0805 Tac-N-Pull™ Pull Plate Kit



#0805 Pull plate kit includes:
10 - #0801 1" Pull plate
5 - #0802 1 1/2" Pull plate
5 - #0803 3" Pull plate

#0808 Maxi Tac-N-Pull

Design allows for angled and/or uneven pulls and getting around obstructions. Made of Mo-Clamp Tru-tuff steel alloy. Covered by the Mo-Clamp forever warranty. Can use all 5 different sizes of pull plates, in whatever combination is required. Comes with (2) 4" pulling plates and (2) 6" pulling plates.

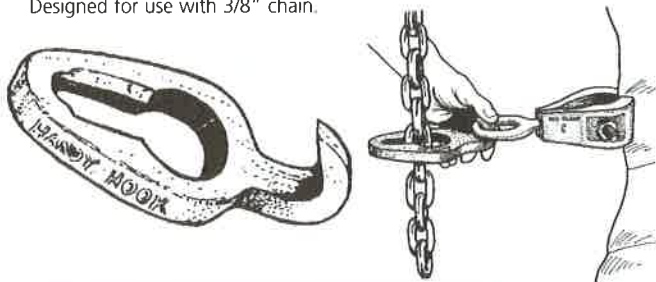
Specifications: Height 9" (228 mm)
Weight: 7 lbs. (1.38 kg) Capacity: 3 tons (2,722 kg)

Replacement Plates: #010800 Puller, #0804 4" Pull plate #0806 6" Pull plate



#1000 Handy Hook®

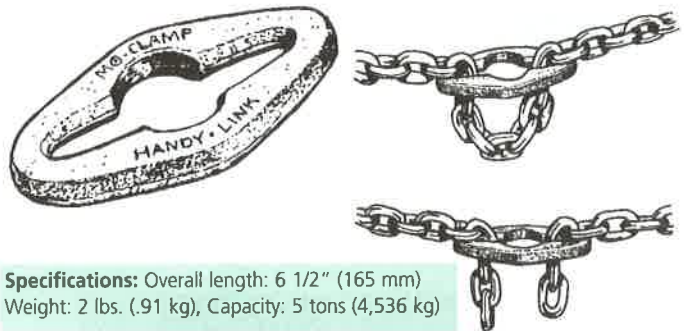
A great time saver with Mo-Clamp's easy hook-up system. No chain is too long and no hooks are needed on the chain. Alloy heat-treated steel. Pulling slots can be used with Hole Pull Adapters (#0900). Designed for use with 3/8" chain.



Specifications: Overall length: 6 1/2" (165 mm)
Weight: 2 lbs. (.91 kg), Capacity: 5 tons (4,536 kg)

#1100 Handy Link™

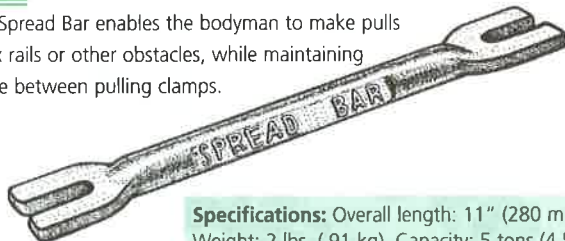
Chain too long? Make it shorter! Chain too short? Make it longer! Alloy heat-treated steel. Pulling slots can be used with Hole Pull Adapters (#0900). Designed for use with 3/8" chain.



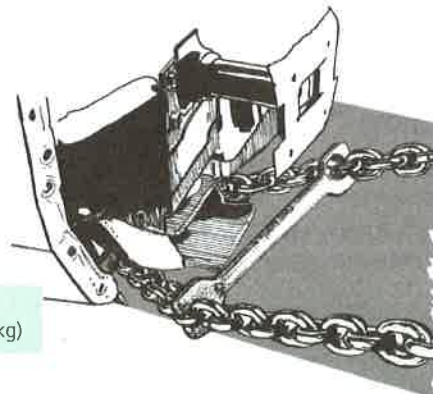
Specifications: Overall length: 6 1/2" (165 mm)
Weight: 2 lbs. (.91 kg), Capacity: 5 tons (4,536 kg)

#1150 Chain Spread Bar™

The Chain Spread Bar enables the bodyman to make pulls around box rails or other obstacles, while maintaining the distance between pulling clamps.



Specifications: Overall length: 11" (280 mm)
Weight: 2 lbs. (.91 kg), Capacity: 5 tons (4,536 kg)



#1200 Twin Pull™

Do you have need for a light pull but a larger gripping area? The Twin Pull enables you to use two clamps side by side for more pull. Also, can be used with two Sill Hooks (#1300). Designed for use with 3/8" chain.

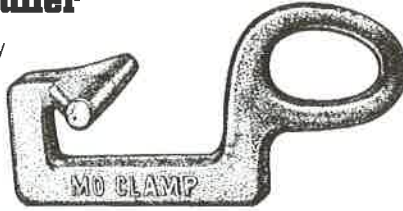
Specifications: Overall length 5" (127 mm), Width between pulls: 3" (76 mm), Weight: 2 lbs. (.91 kg), Capacity: 6 tons (5,443 kg)



#1250 Panel Puller

The Panel Puller is light and easy to use with slide hammer or pulling post. Use the Panel Puller on fender openings, deck lids, door posts and other openings. Heat-treated alloy steel.

Specifications: Overall length: 8" (203 mm), Width: 3/4" (82 mm) Weight: 3 lbs. (1.36 kg), Capacity: 3 tons (2,722 kg)



#1255 Large Panel Puller

A perfect companion to the smaller 1250, the large panel puller allows the technician to increase the length of contact when pulling a panel into shape. Made of Mo-Clamp Tru-tuff steel alloy. Use it in any situation where you need to get behind a pull.

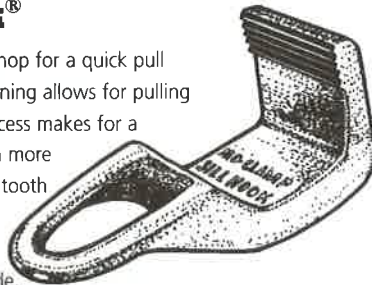
Specifications: Overall length: 9" (229 mm), Pulling Surface 4.75" (120 mm) Weight: 4.5 lbs. (2.0 kg), Capacity: 3 tons (2,722 kg)



#1300 Sill Hook®

One of the handiest tools in the shop for a quick pull almost anywhere. New round opening allows for pulling with a slip hook. New casting process makes for a tighter grain structure, resulting in more strength. The original straight-cut tooth design pattern is machined for superior gripping and pulling power. Sill Hook end is 2 1/2" wide.

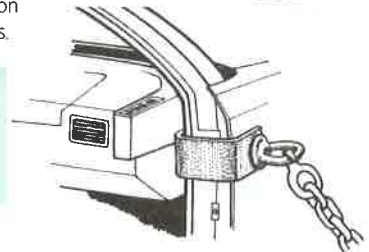
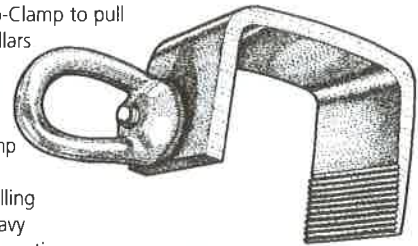
Specifications: Gripping surface: 2 1/2" wide (63 mm), 1" deep (25 mm) Overall length: 8 1/2" (216 mm), Weight: 5 lbs. (2.27 kg), Capacity: 5 tons (4,536 kg)



#1320 Slim Line Sill Hook®

Use this new hook from Mo-Clamp to pull front hinge pillars, center pillars posts, rear hinge sections or any location where you need a broad, thin pulling surface. Made from Mo-Clamp Tru-Tuff™ drop forged, heat treated alloy steel with a pulling capacity of a full 4 tons. Heavy duty eye nut allows easy connection with Mo-Clamp chain and slip hooks.

Specifications:
Throat Depth: 4 3/4" (107 mm)
Overall length: 11 1/2" (248 mm)
Weight: 9 lbs. (4.1 kg)
Capacity: 2.5 tons (2,268 kg)



#1340 Bolt Puller

The Bolt Puller is designed to allow the technician to get a straight, even pull on the center of a bolt. Rated at 2.5 tons pulling capacity, this tool is a must have for every technician. Originally intended for lower suspension areas, the Bolt Puller is also great on helping straighten frame horn ends on light trucks and vans. Door pillar bolts will yield quickly to the strength of this tool.

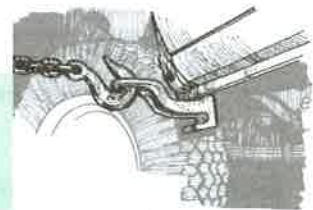
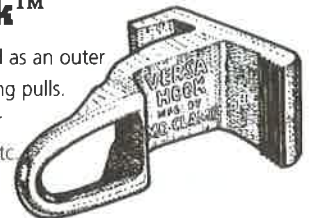
Specifications:
Overall length: 6" (152 mm)
Weight: 1.7 lbs. (.77 kg),
Capacity: 2.5 tons (2,268 kg)



#1350 Versa Hook™

The Versa Hook is a versatile tool used as an outer track tie-down to secure vehicles during pulls. It is used as a pulling device for rocker panels, doorposts, windshield posts, etc. Original straight-cut tooth design. Versa Hook end is 2 1/2" wide.

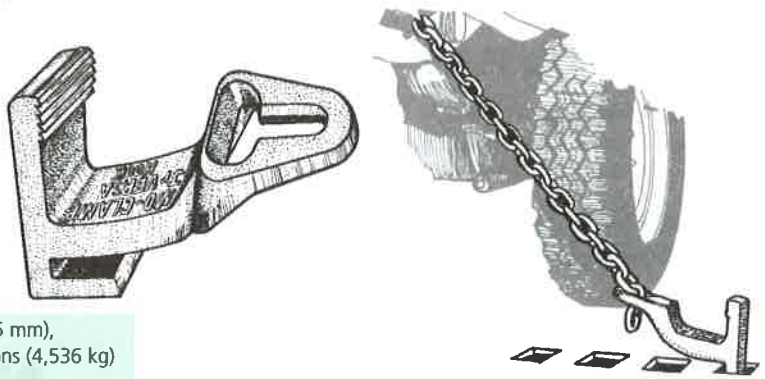
Specifications:
Gripping surface: 2 1/2" wide (63 mm)
1" deep (25 mm), Overall length:
8" (203 mm) Weight: 6 lbs. (2.72 kg),
Capacity: 5 tons (4,536 kg)



#1360 Junior Versa Hook™

The Junior Versa Hook is designed smaller to allow bodymen to get into tighter areas. The Junior Versa Hook end is only 1 3/4" wide for pulling on rocker panels, door posts, etc. The back lip is used for a tie-down to secure the vehicle during pulls. The narrow width permits use on frame racks with smaller slots.

Designed for use with 3/8" chain.



Specifications: Gripping surface: 1 3/4" wide (45 mm), 1" deep (25 mm), Overall length: 9" (228 mm), Weight: 5 lbs. (2.27 kg), Capacity: 5 tons (4,536 kg)

#1370 Curved Clamp

The new generation Mo-Clamp features actuating jaws, allowing for getting around multiple angle curves and bends. Heavy duty pull rings allow for both vertical and horizontal pulling. Cast-in cross-hatch tooth design means no slippage when making pulls. Rated at 5 tons for tough pulls. Made from Mo-Clamp Tru-Tuff steel alloy.

Specifications: Gripping surface: 7" wide (177.8 mm), .75" deep (19 mm) Weight: 11 lbs. (5 kg), Capacity: 5 tons (4,536 kg)

Replacement Parts: #4051 Eye Nut, #137002 pull ring, #5260 Nut, Bolt, & Washer

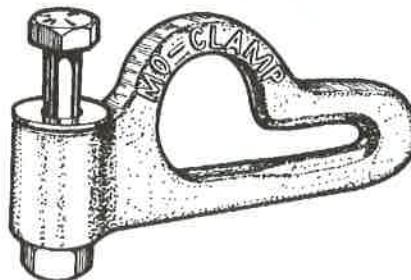


#1450 Numerous Angle Puller (NAP)™

Allows pulls from any angle. Just put the bolt through a 1/2" hole and pull. Use with #2100 or #2400 Multi-Adapter Plate, or with back-up plates. Designed for use with 3/8" chain.

Specifications: Overall length: 6" (152 mm), Weight: 2 lbs. (.91 kg) Capacity: 4 tons (3,629 kg)

Replacement Parts: #5245 Nut, Bolt, & Washer

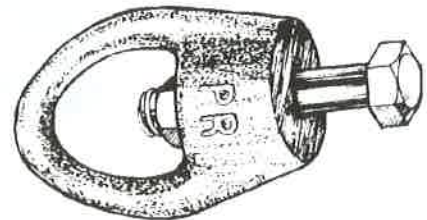


#1500 Pull Ring

The Pull Ring for the #2100 2MA Adapter Plate provides for unlimited body and frame pulls, such as frame horns, brackets, cowl, etc. Has recessed pockets to hold bolts stationary for easy, one-handed tightening.

Specifications: Overall length: 4 1/2" (114 mm), Weight: 2 lbs. (.91 kg), Capacity: 5 tons (4,536 kg)

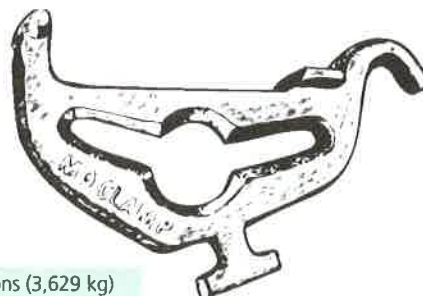
Replacement Parts: #5350 Nut & Bolt



#1600 Multi-Purpose Anchor Hook

A valuable, small hook device for use on both conventional frames and unitized bodies. The different ends are used for a variety of pulls and anchoring. The bottom foot can be used with both Mo-Clamp Multi-Use Adapter Plates (#2100 & #2400) for strut alignment corrections.

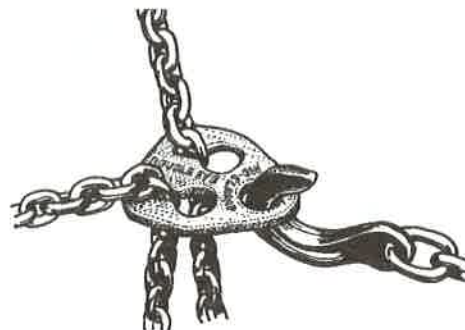
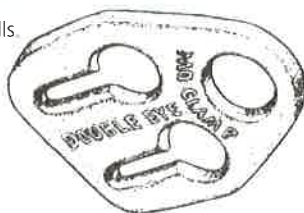
Specifications: Overall length: 7 1/2" (191 mm), Weight: 2 lbs. (.91 kg), Capacity: 4 tons (3,629 kg)



#1650 Double Eye™ Chain Hook

A handy chain hook-up pulling plate for making double pulls. The special design allows for both wide or narrow pulls. Double pulls, using multiple self-tightening clamps, can be made from the same pulling tower or pulling post. Features Mo-Clamp easy chain hook-up system. Designed for use with 3/8" chain.

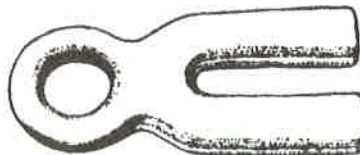
Specifications: Overall length: 6 1/2" (165 mm)
Weight: 3 lbs. (1.36 kg), Capacity: 5 tons (4,536 kg)



#1700 Chain Locking Fork

Handy stopper for chain. Used to maintain chain tension while adjusting for pulls. Locks chain tight. Heat-treated alloy steel. Designed for use with 3/8" chain.

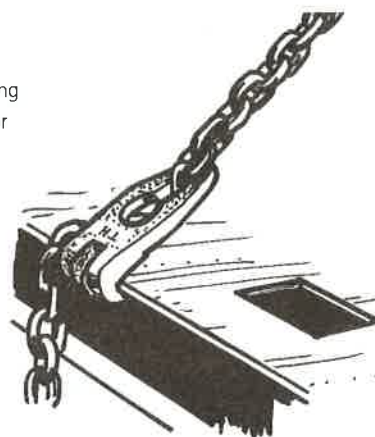
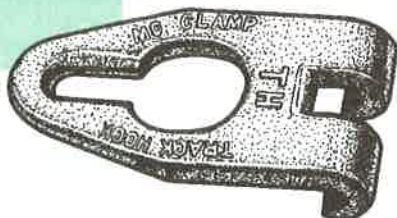
Specifications: Overall length: 6 1/2" (165 mm)
Weight: 2 lbs. (.91 kg), Capacity: 6 tons (5,443 kg)



#1800 Track Hook™

Quick tie-down for track systems or back anchoring on frame racks. Lip can be used for pulling damaged areas; varied multiple uses for chain lengthening or shortening. Slot can be used for chain hook-up. Designed for use with 3/8" chain.

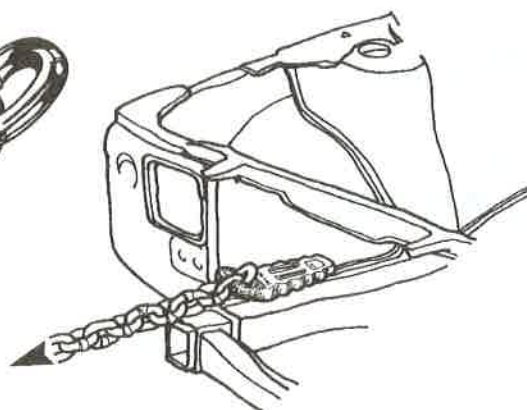
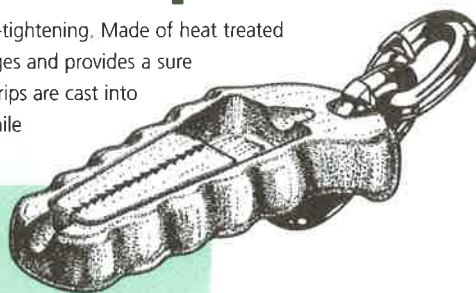
Specifications: Gripping surface: 3" (76 mm)
Overall length: 6 1/2" (165 mm)
Weight: 2 lbs. (.91 kg)
Capacity: 6 tons (5,443 kg)



#1850 Inline Slider™ Clamp

New generation of Mo-Clamps. Self-tightening. Made of heat treated Tru-Tuff steel alloy. Grabs on to flanges and provides a sure grip while pulling "in-line". Finger grips are cast into the tool to provide easy handling while positioning the clamp.

Specifications:
Gripping surface: 3" (76mm)
Overall length: 7" (178 mm)
Weight: 3.4 lbs. (1.54 kg)
Capacity: 5 tons (4,536 kg)
Replacement Parts: #185005 Jaw "A", #185006 Jaw "B", 520610 Screw (2)



#1900 Quick Hook™

Four hole-size selections for quick hook-ups in existing frame holes for pulling of damaged frames. Uses Mo-Clamp's easy chain hook-up system.

Specifications: Hole sizes: 1 7/8" (48 mm)
1 5/8" (41mm), 1" (25 mm), 7/8" (22 mm)
Overall length: 6 1/2" (165 mm)
Weight: 3 lbs. (1.36 kg)
Capacity: 4 tons (3,629 kg)

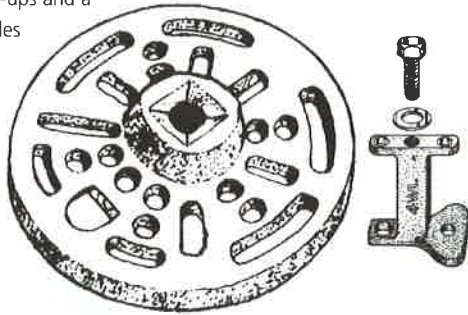


Multi-use adapter plates

and accessories are indispensable for front-end alignment work!

#2100 2MA™ Multi-Adapter Plate

Designed for most foreign and domestic vehicles with Mac-Pherson suspension, the 2MA fits approximately 95% of the various strut bolt patterns. The 2MA Plate also offers unlimited body and frame pulls with a variety of compatible accessories. Can be used on damage to door posts, frame horns, brackets, cowls, or rear axles. Use a #1450 (NAP) or #1500 (Pull Ring) for fast hook-ups and a variation of pulls. Includes three 4-way legs. Large-base legs give good support for pulling, with four hole sizes to accommodate most vehicles.

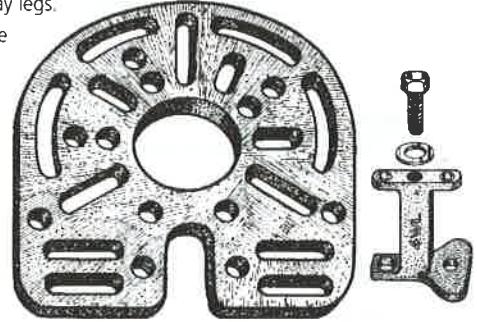


Specifications: Overall length: 9" (228 mm), Weight: 10 lbs. (4.54 kg)
Capacity: 5 tons (4,536 kg)

Replacement Parts: #5230 Bolt & Washer, #9450 Leg, Bolt & Washer

#2400 3MA™ Multi-Adapter Plate

Designed for a wide variety of strut towers. Permits fast hook-up and pulling in any direction. Allows center strut tower measurements with tram gauge instruments. Gives additional versatility for pulling over and around obstructions such as fenders. Also use in conjunction with #1450 Numerous Angle Puller to give it even more versatility. Includes three 4-way legs. Large-base legs give good support for pulling, with four hole sizes to accommodate most vehicles.



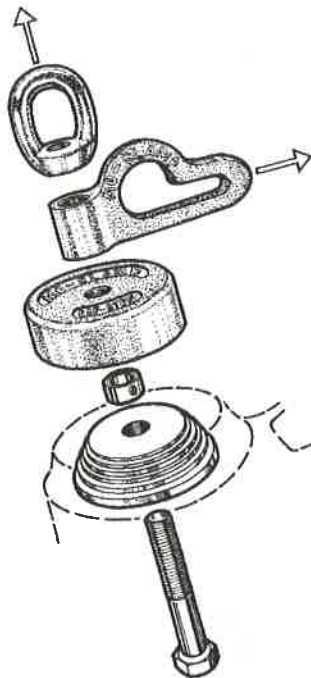
Specifications: Overall length: 9" (228 mm), Weight: 11 lbs. (4.99 kg)
Capacity: 5 tons (4,536 kg)

Replacement Parts: #5230 Bolt & Washer, #9450 Leg, Bolt & Washer

#2450 Boltless Strut Tower Puller

Easy, fast, reliable method for pulling strut towers. Developed for strut towers without bolts, to correct chassis dimensions to factory specifications. Strut tower removal is necessary.

Specifications:
Overall length: 5" (127 mm)
Weight: 8 lbs. (3.63 kg)
Capacity: 3 tons (2,722 kg)
Replacement Parts: #4051 Eye Nut
#100441 Numerous Angle Puller
#500053 Bolt



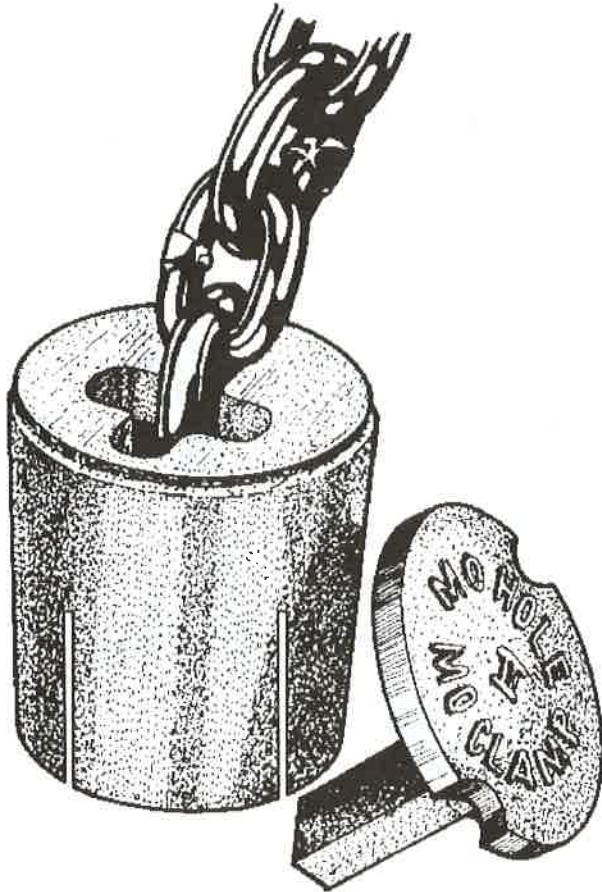
#2460 Radiator Core Support

This new tool allows a technician to pull and straighten damaged radiator core support ears. Also works on full frame cab mounts. This tool will "sandwich" the mount and keep it flat while straightening and realigning the support ears or cab mounts to pre-accident specifications. Made from Mo-Clamp "Tru-Tuff" steel alloy.



Specifications:
Length: 7" (17.78 mm)
Weight: 3.5 lbs. (8.89 kg)
Capacity: 3 tons (2,722 kg)
Replacement Parts: #510080 bolt,
#510061 washer, 510010 nut

Anchor Pots



#3051 T-Top™ Anchor Pot

An anchoring system for versatile pulling. Insert 3/8" frame straightening chain, anchor with lock cap, and pull from any direction or angle. Lock cap keeps out dirt and dust when not in use. Includes sleeve and lock cap. 3 1/2" (89 mm) cored hole required.

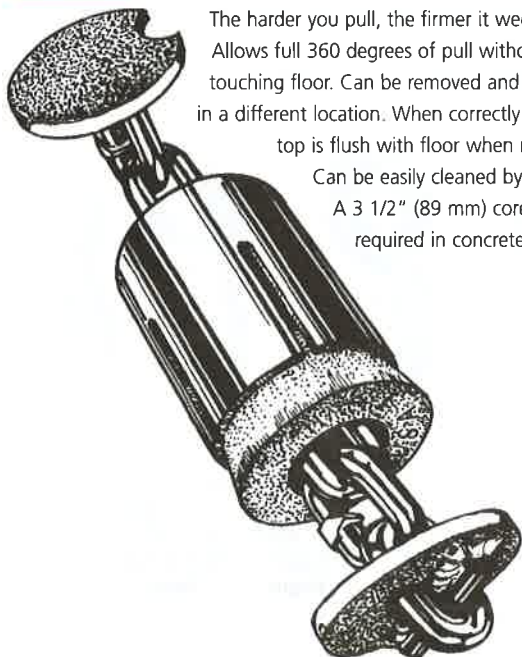
#3060 Cast-in Model is available for new floors.

Specifications #3051: Weight: 5 lbs. (2.27 kg) Capacity: 10 tons (9,072 kg)

Specifications #3060: Weight: 5 lbs. (2.27 kg) Capacity: 10 tons (9,072 kg)

Replacement Parts: #300210 Welded Cap

#3071 Mo-Ty™ Anchor Pot



The harder you pull, the firmer it wedges.

Allows full 360 degrees of pull without chain touching floor. Can be removed and installed in a different location. When correctly installed, top is flush with floor when not in use.

Can be easily cleaned by lifting top.

A 3 1/2" (89 mm) cored hole is required in concrete floor.

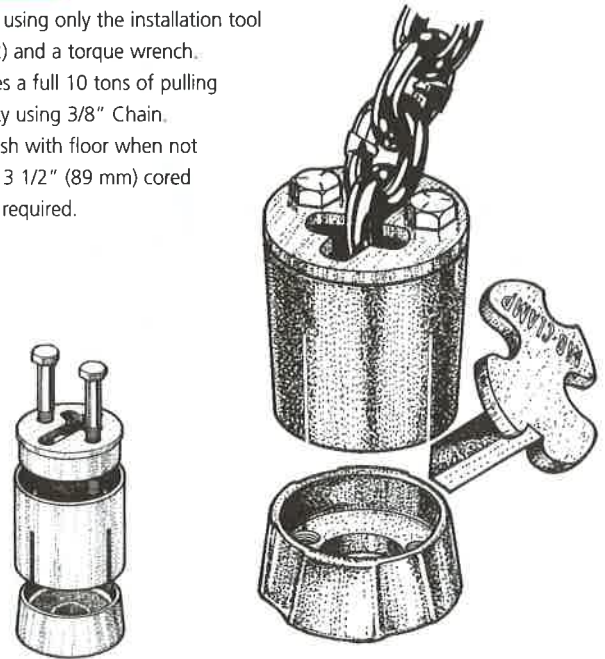
Specifications: Weight: 7 lbs. (3.18 kg), Capacity: 10 tons (9,072 kg)

#3081 T-Top™ II Anchor Pot

Installs using only the installation tool (#3082) and a torque wrench.

Provides a full 10 tons of pulling capacity using 3/8" Chain.

Lies flush with floor when not in use. 3 1/2" (89 mm) cored hole is required.



Specifications: Weight: 5 lbs. (2.27kg), Capacity: 10 tons (9,072kg)

Replacement Parts: #308110 Casting Cap, #3082 Installation Tool

Sheet Metal Hooks

#3100 Swivel Head Sheet Metal Hooks (set of 4)

Alloy heat-treated hooks increase pulling options. May be used with Hole Pull Plates (#0810 & #0820) to pull, or use in combination with clamps.

Includes one each: #3110, #3120, #3130, #3140.

Specifications: Weight approximately 2 lbs. each (.91 kg), Capacity: 2 tons (1,814 kg) **Replacement Part:** #4051 Eye Nut



#3110 Small flat nose



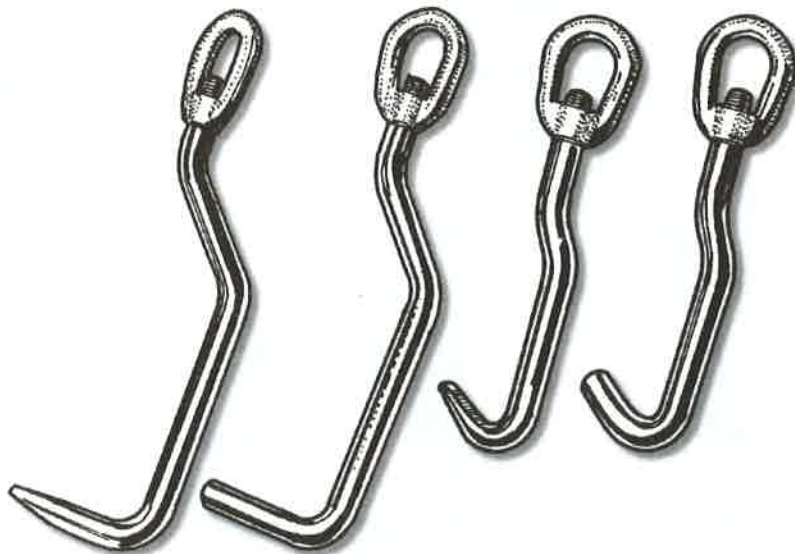
#3120 Small round nose



#3130 Large flat nose



#3140 Large round nose



#3200 Fixed Head Sheet Metal Hooks (set of 4)

Alloy heat-treated hooks increase pulling options. May be used with Hole Pull Plates (#0810 & #0820) to pull, or use in combination with clamps.

Includes one each: #3210, #3220, #3230, #3240.

Specifications:

Small Hooks - Weight: 2 lbs. (.91 kg), Length: 12", Capacity: 3 tons (2,722 kg)

Large Hooks - Weight: 2.5 lbs. (.91 kg), Length: 15", Capacity: 3 tons (2,722 kg)



#3210 Small flat nose



#3220 Small round nose



#3230 Large flat nose



#3240 Large round nose



Hooks Also Available Individually

#4010 Frame Rack Unibody Clamp

Bar holes designed for three ways of pulling, using Shackle (#4044) and Oval Loop (#4043). Clamp has recessed pockets to hold bolts stationary for easy tightening.

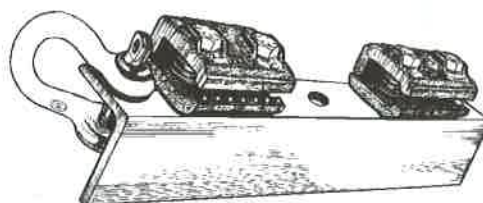
Specifications: Gripping surface: 8" wide (203 mm), 3/4" deep (19 mm)
Overall length: 14 1/2" (368 mm), Weight: 19 lbs. (8.62 kg), Capacity: 5 tons (4,536 kg)
Replacement Parts: #4043 Oval Loop, #4044 1/2" Shackle
#4045 Nut, Bolt & Washer, #4046 Spring



#4015 Frame Rack Clamps with Angle Brackets (set of 4)

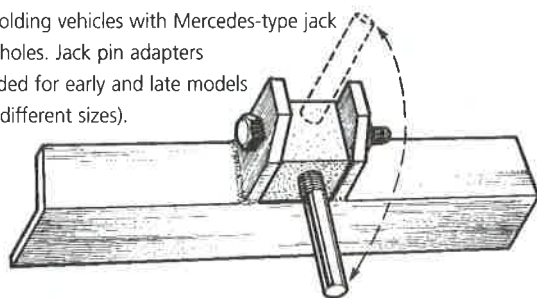
Will hold down cars with horizontal pinch welds including Honda 1990-up.
Angles can be drilled to fit frame racks, benches, etc.
Includes two 1/2" Shackles (#4044).

Specifications: Gripping surface: 13" wide (330 mm), Overall length: 16" (406 mm)
Weight: 50 lbs. (22.68 kg), Capacity: 5 tons (4,536 kg)
Replacement Parts: #5200 Nut, Bolt & Washer, #840076 Spring
#4016 Frame Rail Angle Bracket (1 only)



#4018 Mercedes Anchoring Adapters (set of 4)

For holding vehicles with Mercedes-type jack tube holes. Jack pin adapters provided for early and late models (two different sizes).



Specifications: Overall length: 14" (356 mm), Weight: 37 lbs. (16.79 kg)
Capacity: 6 tons (5,443 kg)
Replacement Parts: #5249 Nut, Bolt & Washer, #401805 Small Pin
#401804 Large Pin

#4020 Four-Way Pull Clamp

Includes Oval Loop (#4043).
Clamp has recessed pockets to hold bolts stationary for easy tightening.

Specifications: Gripping surface:
4" wide (102 mm) 3/4" deep (19 mm)
Overall length: 8" (203 mm)
Weight: 12 lbs. (5.45 kg)
Capacity: 6 tons (5,443 kg)
Replacement Parts: #4046 Spring,
#5355 Nut, Bolt & Washer,
#4035 Angle bracket



#4021 Frame Rack Dyna-Mo #1

One pair Frame Rack Dyna-Mo jaws with 7" draw bar, one side pull bracket shackle and oval loop. Raised "ears" to hold bolt in place while tightening.

Specifications: Gripping surface: 3 3/4" wide (95mm)
Overall length: 7" wide (178 mm)
Weight: 7 lbs. (3.2 kg), Capacity: 5 tons (4,536 kg)
Replacement Parts: #4043 Oval Loop, #4055 7/16" Shackle
#5200 Nut, Bolt & Washer, #200203 Side Pull Bracket



#4022 Frame Rack Dyna-Mo #2

Two pair Frame Rack Dyna-Mo jaws with 12" draw bar, one side pull bracket, shackle and oval loop. Raised "ears" to hold bolt in place while tightening.

Specifications: Gripping surface: 9 1/4" wide (235mm)
Overall length: 12 1/2" wide (318mm)
Weight: 14 lbs. (6.3 kg), Capacity: 5 tons (4,536 kg)
Replacement Parts: #4043 Oval Loop, #4055 7/16" Shackle
#5200 Nut, Bolt & Washer, #200203 Side Pull Bracket



#4024 Frame Rack Dyna-Mo Clamp

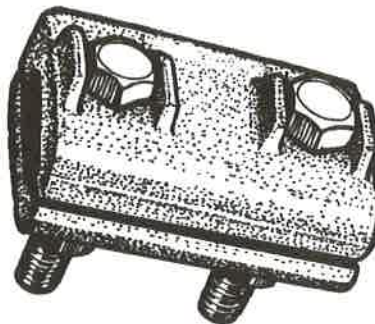
Make your own tool with this severe duty tooth designed clamp.
Add side pull bracket when needed.

Specifications: Gripping surface: 3 3/4" wide (95mm)

Weight: 4 lbs. (1.8 kg), Capacity: 5 tons (4,536 kg)

Replacement Parts: #5200 Nut, Bolt & Washer, #840076 Spring

Machine
Tooth
Design



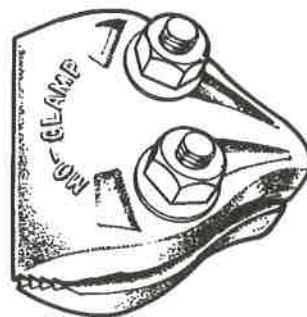
#4025 Frame Rack Jaws

Clamp has recessed pockets to hold bolts stationary for easy tightening.

Specifications: Gripping surface: 4" wide (102 mm), 3/4" deep (19 mm)

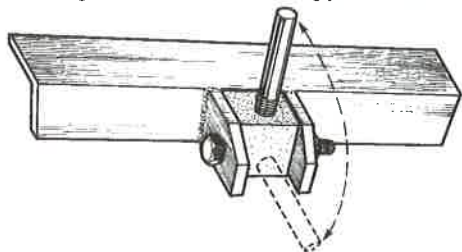
Overall length: 5" (127 mm), Weight: 8 lbs. (3.63 kg), Capacity: 6 tons (5,443 kg)

Replacement Parts: #4046 Spring, #4045 Nut, Bolt & Washer



#4028 BMW Hold Down (set of 4)

For holding BMW vehicles with oblong jack tube holes.



Specifications: Overall length: 14" (356 mm)

Weight: 37 lbs. (16.79 kg), Capacity: 6 tons (5,443 kg)

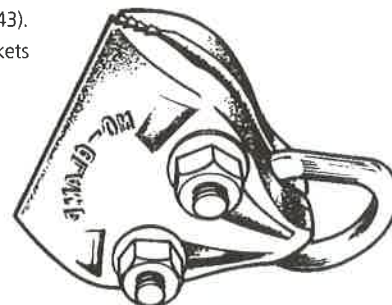
Replacement Parts: #5249 Nut, Bolt & Washer

#402801 Rocker Pin

#4030 Three-Way Pull Clamp

Includes Oval Loop (#4043).

Clamp has recessed pockets to hold bolts stationary for easy tightening.



Specifications: Gripping surface: 4" wide (102 mm), 3/4" deep (19 mm)

Overall length: 8" (203 mm), Weight: 8 lbs. (3.63 kg), Capacity: 6 tons (5,443 kg)

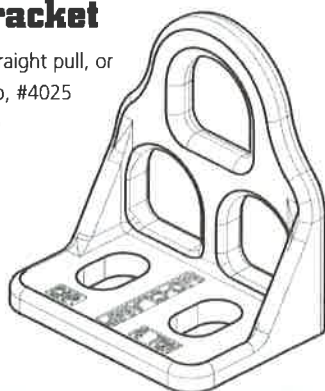
Replacement Parts: #4045 Nut, Bolt & Washer, #4046 Spring

#4035 Angle Bracket

Bolt to surface for a 90-degree straight pull, or use with #4030 3-Way Pull Clamp, #4025

pair of frame rack jaws, or #4010

Frame Rack Unibody Clamp.



Specifications: Overall length: 6" (152 mm)

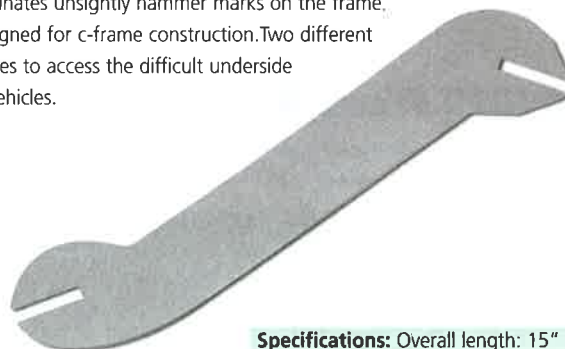
Weight 4 lbs. (1.81 kg), Capacity: 6 tons (5,443 kg)

#4049 Frame Wrench

Allows easy access to the bends and waves resulting from frame straightening. Helps in achieving the "pre-accident condition" look.

Eliminates unsightly hammer marks on the frame.

Designed for c-frame construction. Two different angles to access the difficult underside of vehicles.



Specifications: Overall length: 15" (381 mm) Weight 3.3 lbs. (1.2 kg)

Chain Accessories

#4043 Oval Loop

Specifications:
Weight: 1 lb. (.45 kg)
Working Load Limit: 3,800 lbs



#4051 Eye Nut, 5/8" Thread

Specifications:
Weight: 1 lb. (.45 kg)
Working Load Limit: 3,600 lbs



#4052 Triangle

Specifications:
Weight: 1 lb. (.45 kg)
Working Load Limit: 3,800 lbs



#4054 1/2" Screw Pin Shackle w/ Triangle

Specifications:
Weight: 2 lbs. (.91 kg)
Capacity: 5 tons (4,536 kg)



See definitions and warnings of "Working Load Limit" on page 27

#4044 1/2" Screw Pin Shackle

Specifications:
Weight: 1 lb. (.45 kg)
Working Load Limit: 6,000 lbs.

For use with #4010, #4015,
#4020, #4035, #4047, and #4054

#4055 7/16" Screw Pin Shackle

Specifications:
Weight: 1 lb. (.45 kg)
Working Load Limit: 4,000 lbs.

For use with #4013, #4011,
#4012, and #5800

#4059 5/8" Screw Pin Shackle

Specifications:
Weight: 1 lb. (.45 kg)
Working Load Limit: 9,000 lbs.

For use with #5802

#5626 3/8" Screw Pin Shackle

Specifications:
Weight: 1 lb. (.45 kg)
Working Load Limit: 3,000 lbs.

For use with #5623



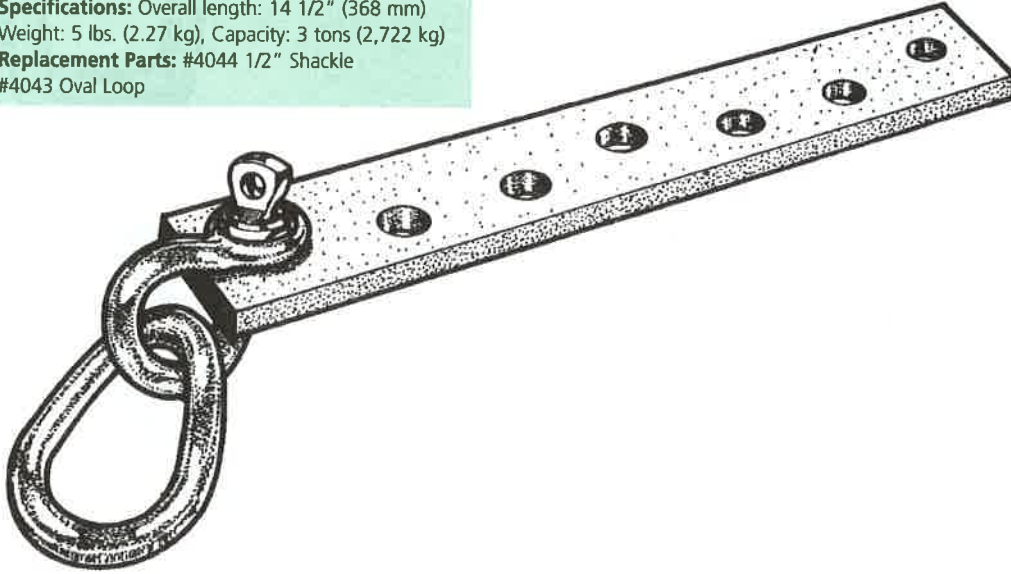
1/2" Screw Pin Shackle

Draw Bars

Great for bolting to a frame, unibody rail or to other places to make a secure pull. Each bar has a combination of hole patterns to facilitate bolting to a vehicle. May be used in conjunction with various accessory items for specialized pulling needs.

#4047 Frame Rack Draw Bar with Shackle and Oval Loop

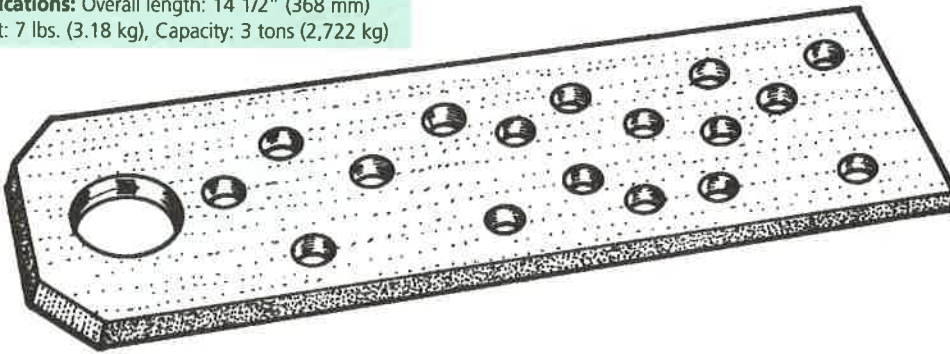
Specifications: Overall length: 14 1/2" (368 mm)
Weight: 5 lbs. (2.27 kg), Capacity: 3 tons (2,722 kg)
Replacement Parts: #4044 1/2" Shackle
#4043 Oval Loop



2 1/2"
Wide

#4048 Many Hole Wide Draw Bar

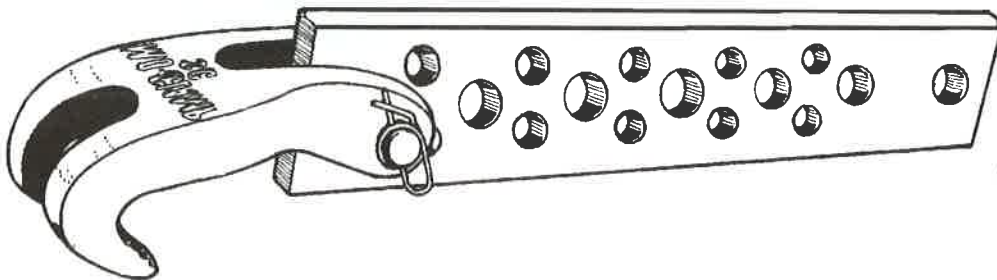
Specifications: Overall length: 14 1/2" (368 mm)
Weight: 7 lbs. (3.18 kg), Capacity: 3 tons (2,722 kg)



4"
Wide

#4056 Narrow Draw Bar with Single Claw

Specifications: Overall length: 13" (330 mm)
Weight: 4 lbs. (1.81 kg), Capacity: 3 tons (2,722 kg)
Replacement Parts: #5220 Clevis Pin & Rue Clip



2 1/4"
Wide

Multi-Directional Clamps

#4050 Multi-Angle Clamp

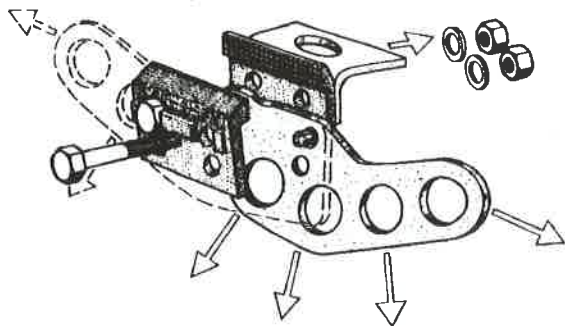
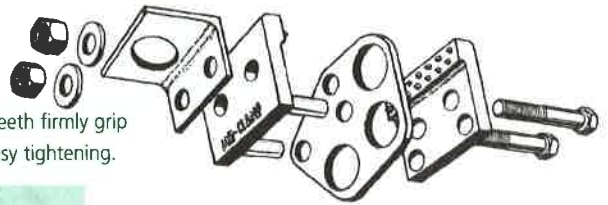
The versatile Multi-Angle Clamp permits pulling from any direction within a 180° arc.

The multi-angle side pull plate makes two-way pulling faster and easier. Hardened gator teeth firmly grip narrow seams and pinch welds. Clamp has "bolt stoppers" to hold bolts stationary, for easy tightening.

Specifications: Gripping surface: 3 3/4" wide (95 mm), 3/4" deep (19 mm)

Overall length: 7" (178 mm), Weight: 8 lbs. (3.63 kg), Capacity: 4 tons (3,629 kg)

Replacement Parts: #5325 Nut, Bolt & Washer, #200130 Pull Plate, #200131 Side Pull Bracket, #200132 45 degree pull bracket



#4058 MAC IT™ Multi-Angle Clamp

New style features cross-hatch tooth pattern which holds well with less distortion of metal. Larger pull plate is adjustable and reversible, for more multi-angle pulls. Clamp has "bolt stoppers" to hold bolts stationary, for easy tightening.

Specifications: Gripping surface: 3 3/4" wide (95 mm)

5/8" deep (16 mm), Overall length: 9" (228 mm)

Weight: 8 lbs. (3.63 kg), Capacity: 4 tons (3,629 kg)

Replacement Parts: #5325 Nut, Bolt & Washer, #200128 Pull Plate, #200131 Side Pull Bracket, #200132 45 degree pull bracket

#4060 Mity-Bite™ Clamp

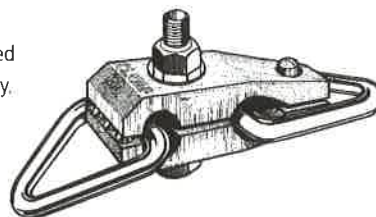
Makes possible one or two-directional pulling, and can be used in a confined area. Mity-Bite's gator teeth grip the metal firmly.

Specifications: Gripping surface: 2" wide (51 mm)

Overall length: 8 1/2" (216 mm), Weight: 4 lbs. (1.81 kg)

Capacity: 3 tons (2,722 kg)

Replacement Parts: #5225 Nut, Bolt & Washer



#4065 All-Angle Clamp

This new multi-angle pulling clamp from Mo-Clamp allows a technician to use the smaller jaw width to access tough areas where other clamps normally will not reach. The attached bracket can be swiveled to accommodate pulling from any direction. The pull ring adds versatility to this clamp. Pulls can be made right-angle, straight, twist, roll, up and down. Made of Mo-Clamp Tru-Tuff™ steel alloy in the USA.

Specifications: Overall length: 6" (152 mm) with pull ring, Height: 5" (127mm), Weight: 3.6 lbs. (1.63 kg) Capacity: 3 tons (2,722 kg)

Replacement Parts: #5325 Nut, Bolt & Washer, 840087 Spring, 4043 Oval Loop



#4070 Full Frame Holding System Set of 4

Mo-Clamp's new Full Frame Holding System is easy to set up and use. Six simple to use pieces fit ALL full-frame SUV, light truck and van frames. The system works with the frame rack's existing pinch-weld clamps and supports a full 10-ton pull. Includes support straps to ensure a secure and safe pull. Made from forged steel alloy.

Specifications:

Weight: 140 lbs. (64 kg)

Capacity: 10 tons (9,072 kg)



#4075 Uniclawn Hold Down System - Set of 4

Fast one-man 20 - 30 minute set up time makes Mo-Clamp's new Uniclawn Hold Down System unique. With superior holding strength supporting up to a full 10 ton pull. Plus, the system works with all makes of frame racks and floor systems. Includes support straps. Made from forged steel alloy.

Specifications:

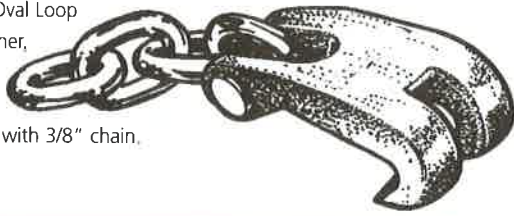
Weight: 125 lbs. (57 kg)

Capacity: 10 tons (9,072 kg)



#4110 Single Claw Hook

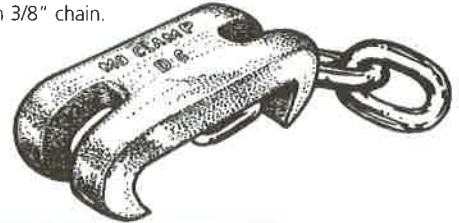
Drop Forged! Use as an accessory with draw bars or chain. Use a pair with Triangle or Oval Loop as a chain shortener, double hook, bumper hook, Designed for use with 3/8" chain.



Specifications: Overall length: 5" (127 mm), Weight: 2 lbs. (.91 kg)
Capacity: 6 tons (5,443 kg)
Replacement Parts: #5220 Clevis Pin & Rue Clip

#4120 Double Claw Hook

For use as a chain shortener, chain connector or double hook. Designed for use with 3/8" chain.

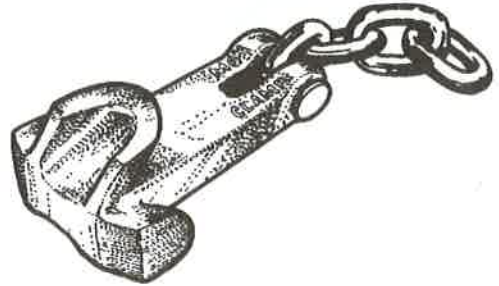


Specifications: Overall length: 5" (127 mm)
Weight: 2 lbs. (.91 kg), Capacity: 6 tons (5,443 kg)

#4130 Hole Plug

Four-way anchoring tool allows unlimited body and frame hook-up in existing holes. Fastens directly to 3/8" chain.

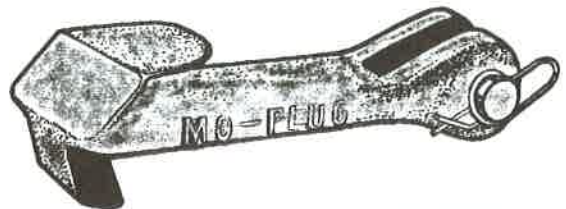
Specifications: Overall length: 5 3/4" (146 mm), Weight: 5 lbs. (2.27kg)
Capacity: 5 tons (4,536 kg)
Replacement Parts: #5220 Clevis Pin & Rue Clip



#4131 Mo-Plug™

Use in existing holes in frame or unibody. Plugs on two sides only to allow easy fit into a narrow internal section of a frame rail. Connects to 3/8" chain.

Specifications: Overall length: 5 3/4" (146 mm), Weight: 2 lbs. (.91 kg)
Capacity: 5 tons (4,536 kg)
Replacement Parts: #5220 Clevis Pin & Rue Clip



#4145 Double Grab Hook Assembly

For easy 3/8" chain connection. Another time saving tool.

Specifications: Overall length: 8 3/4" (222 mm)
Weight: 3 lbs. (1.36 kg), Capacity: 10 tons (9,072 kg)



#4146 Grab/Slip Combo

Grab hook on one end; slip hook on the other. For hooking into clamps or pull rings. Fast hook-up to any section of 3/8" chain.

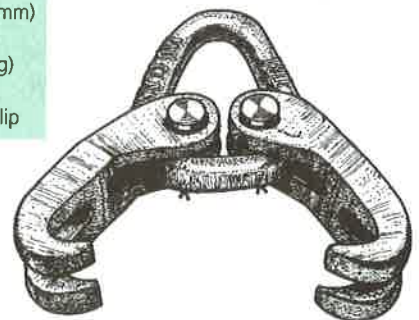
Specifications: Overall length: 9 1/2" (241 mm)
Weight: 3 lbs. (1.36 kg), Capacity: 7 tons (6,350 kg)



#4150 Double Looper

Two Single Claws with Triangle. Grabs bumpers or panels. Easy 3/8" chain connection. Triangle allows for center pull.

Specifications:
Overall length: 10" (254 mm)
Weight: 3 lbs. (1.36 kg)
Capacity: 5 tons (4,536 kg)
Replacement Parts:
#5220 Clevis Pin & Rue Clip



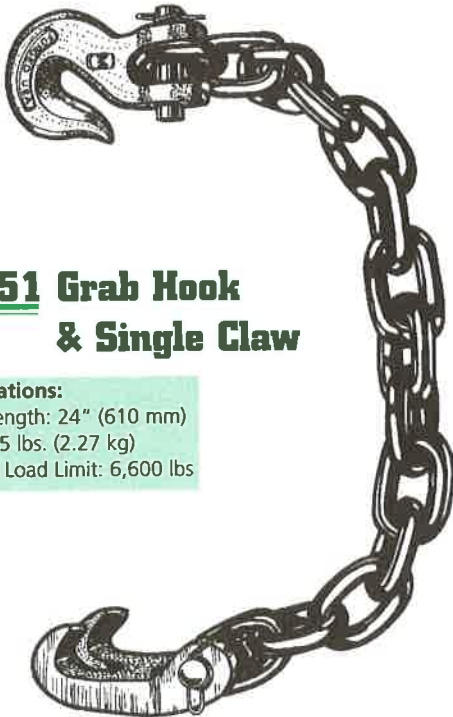
Versatile Combinations of Chains, Hole Plugs Hooks

A variety of possibilities for quick hook-ups and multiple pulls.
All combinations include 18 inches of 3/8" Mo-Clamp Chain,
All use replacement part: #5220 Clevis Pin & Rue Clip.

#4151 Grab Hook & Single Claw

Specifications:

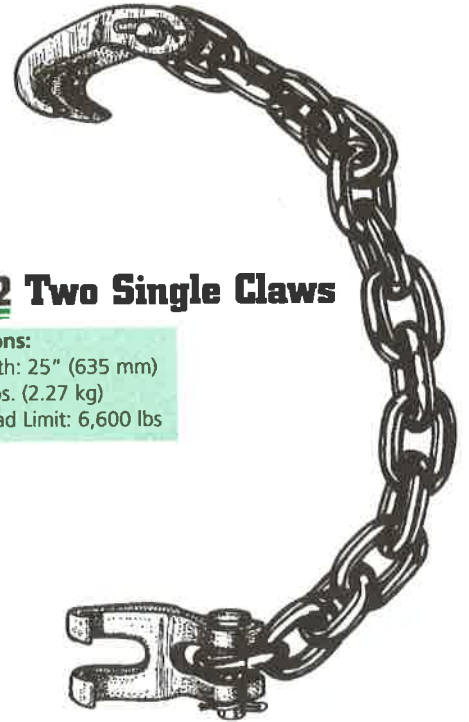
Overall length: 24" (610 mm)
Weight: 5 lbs. (2.27 kg)
Working Load Limit: 6,600 lbs



#4152 Two Single Claws

Specifications:

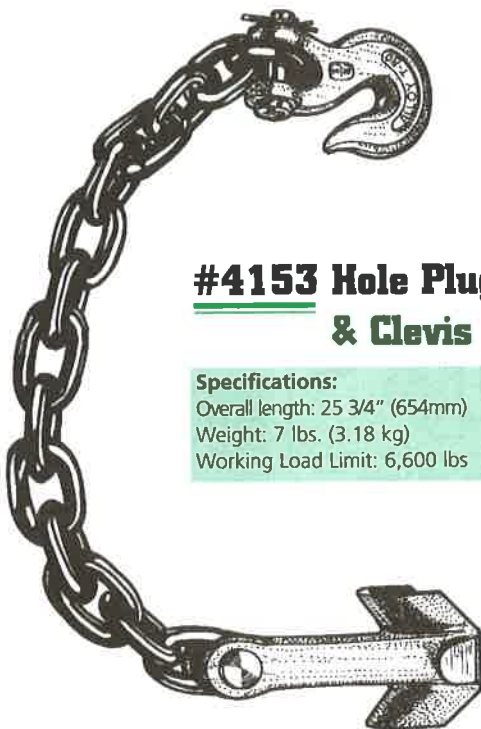
Overall length: 25" (635 mm)
Weight: 5 lbs. (2.27 kg)
Working Load Limit: 6,600 lbs



#4153 Hole Plug & Clevis Hook

Specifications:

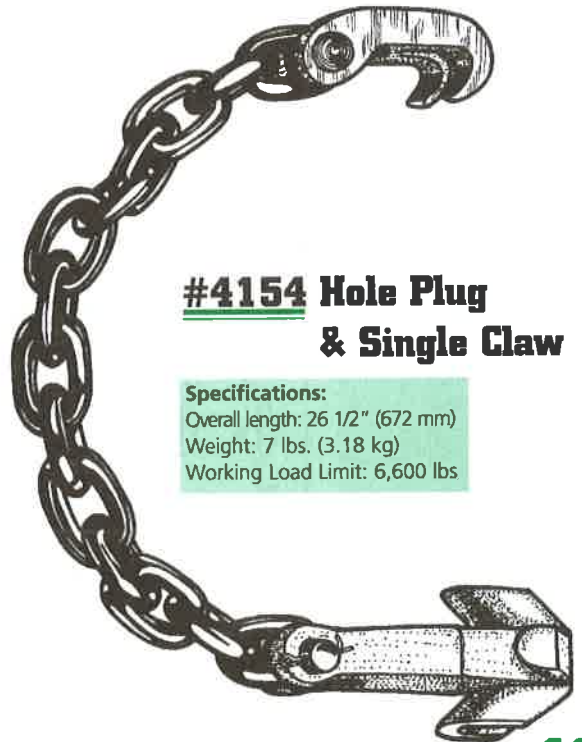
Overall length: 25 3/4" (654mm)
Weight: 7 lbs. (3.18 kg)
Working Load Limit: 6,600 lbs



#4154 Hole Plug & Single Claw

Specifications:

Overall length: 26 1/2" (672 mm)
Weight: 7 lbs. (3.18 kg)
Working Load Limit: 6,600 lbs



HEAT TREATED STEEL • MADE IN THE U.S.A.

Tool Boards

Keep your tools organized and in good condition with handy tool boards.

#5035, 5036 Blank Tool Boards

Keep your tools organized!
Design your own tool board and order hooks from Mo-Clamp.
Mo-Clamp blank boards are available in two sizes:

Specifications:

#5035 24" x 24"

(610 mm x 610 mm)

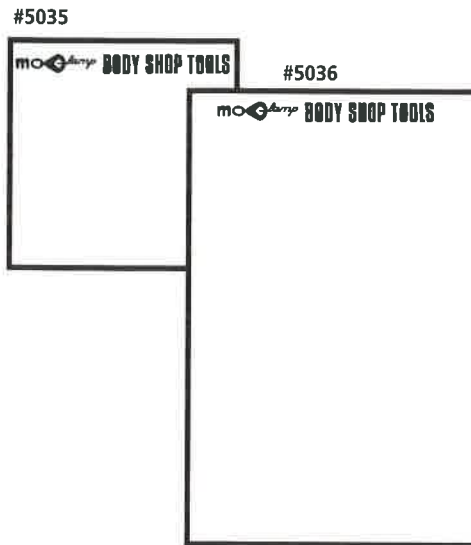
Weight: 8 lbs (3.63 kg)

#5036 24" x 48"

(610 mm x 1,219 mm),

Weight: 16 lbs. (7.26 kg)

For a list of available hooks -
see page 36 - Replacement Parts



#5010 No. 1 Tool Board with Tools

Includes:

- #0100 B Clamp
- #0200 C Clamp
- #0300 JR Clamp
- #0400 W Clamp
- 2 - #1200 Twin Pull
- #1300 Sill Hook
- #1800 Track Hook
- #5011 Tool Board with Hooks

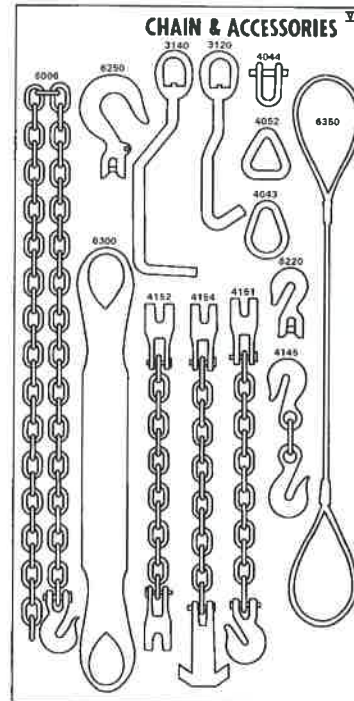
Total weight:
50 lbs. (22.68 kg)



#5050 No. 5 Tool Board with Tools

Includes:

- #3120 Small Round-Nose Sheet Metal Hook
- #3140 Large Round-Nose Sheet Metal Hook
- #4043 Oval Loop
- #4044 1/2" Screw Pin Shackle
- #4052 Triangle
- #4145 Double Grab Hook Assembly
- #4151 Grab Hook and Single Claw with 18" Chain
- #4152 Two Single Claws with 18" Chain
- #4154 Hole Plug and Single Claw with 18" Chain
- #6006 3/8" x 6' Mo-Clamp Chain
- #6220 3/8" Super Alloy Clevis Grab Hook
- #6250 3/8" Alloy Clevis Slip Hook
- #6300 Nylon Sling
- #6350 Cable Sling
- #5051 Tool Board with Hooks



Total weight: 62 lbs. (28.13 kg)

#5090 No. 9 Tool Board with Tools

Includes:

- #0045 Angle Bite
- #0054 Mini Spring Clamp
- #0205 Dyna-Mo C
- #0305 Dyna-Mo JR
- #0405 Dyna-Mo W
- #2450 Boltless Strut Tower Puller
- #4058 MAC II Multi-Angle Clamp
- #5616 Door Post Puller/Twister
- #5091 Tool Board with Hooks

Total weight: 40 lbs. (18.14 kg)



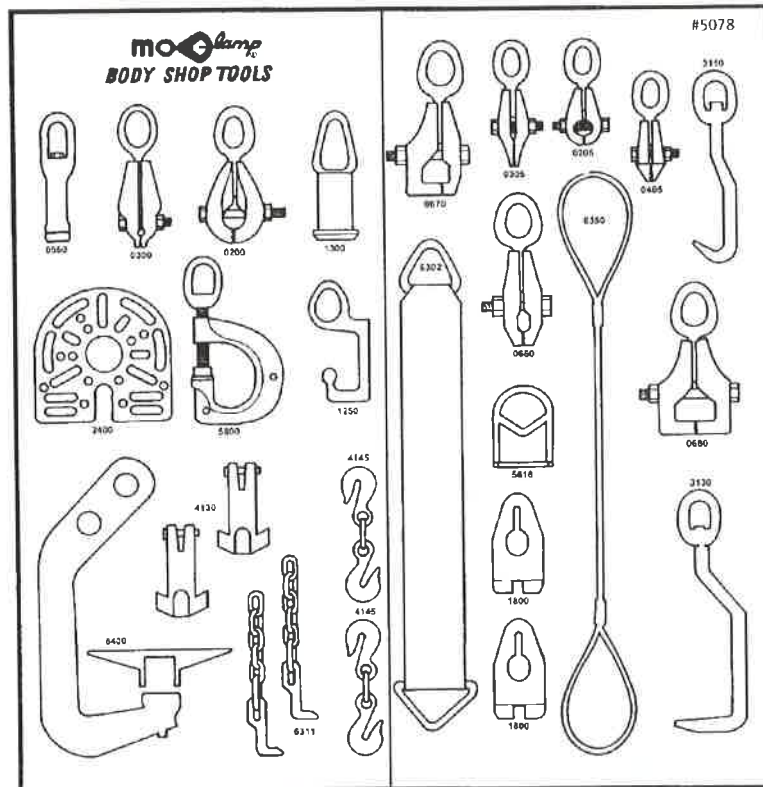
Tool Boards

#5078 No. 10 Tool Board with Tools

Includes:

- #0200 C Clamp
- #0205 Dyna-Mo Clamp
- #0300 Jr Clamp
- #0305 Dyna-Mo Jr
- #0405 Dyna-Mo W
- #0550 T.O. Clamp
- #0660 Long Nose Clamp
- #0670 Baby Box Clamp
- #0680 Big Mouth Clamp
- #1250 Panel Puller
- #1300 Sill Hook
- #1800 Track Hook (2 each)
- #2400 Adapter Plate
- #3110 Small Flat Nose SMH
- #3130 Large Flat Nose SMH
- #4130 Hole Plug (2 each)
- #4145 Double Grab Hook (2 each)
- #5616 Door Post Puller/Twister
- #5800 G Clamp
- #6311 "T" Hook Tie-Downs (2 each)
- #6302 Slide-Through Sling
- #6350 Cable Sling
- #6400 Deep Hook Set
- #5079 Tool Board w/Hooks
- #507901 Hook Set

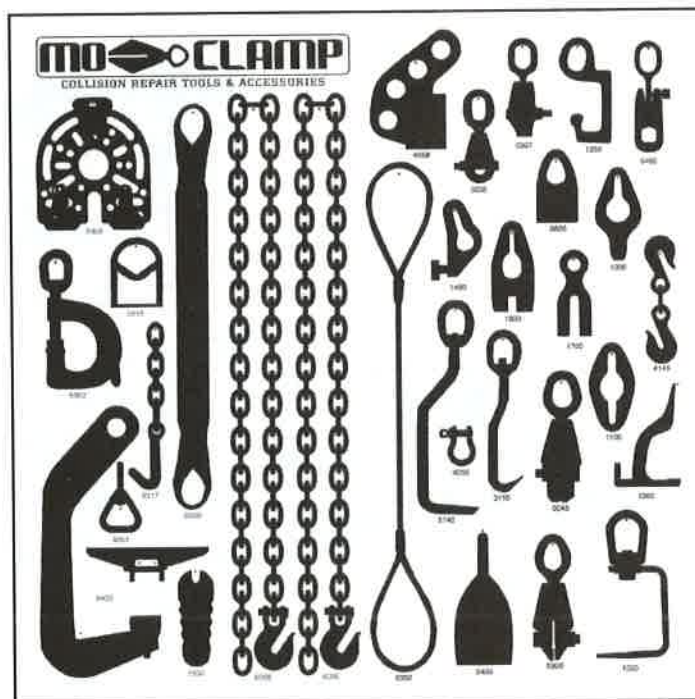
Total weight: 157 lbs (71 kg)



#5013 Deluxe Tool Board with Tools

Includes:

- #0045 Angle Bite
- #0205 Dyna-Mo C
- #0300 Jr Clamp
- #0307 Dyna-Mo Corner Clamp
- #0400 W Clamp
- #0450 Flash Clamp
- #0800 Tac-N-Pull
- #1000 Handy Hook
- #1100 Handy Link
- #1250 Panel Puller
- #1320 Slim Line Sill Hook
- #1360 Jr Versa Hook
- #1450 Numerous Angle Puller
- #1700 Chain Locking Fork
- #1800 Track Hook
- #1850 Inline Slider
- #2400 Multi-Adapter Plate
- #3110 Sheet Metal Hook
- #3140 Sheet Metal Hook
- #4054 1/2" Screw Pin Shackle
- #4055 7/16" Screw Pin Shackle
- #4058 Multi-Angle Clamp
- #4145 Double Grab Hook
- #5014 Tool Board w/Hooks
- #501401 Hook Set
- #5800 G Clamp
- #6006 3/8"x 6' Chain
- #6008 3/8"x 8' Chain
- #6300 Nylon Sling
- #6317 J Hook - 3/8" Chain
- #6350 Cable Sling
- #6400 Regular Deep Hook



Total weight: 190 lbs. (86 kg)

Nuts & Bolts

4040 5/8" x 3-1/2" Bolt, Nut, Washer, Spring

4045 5/8" x 3-1/2" Bolt, Nut, Washer

5110 3/4" Nut Only

5120 3/4" x 3" Bolt & Nut For W

5121 3/4" x 3-1/2" Bolt & Nut For Unibody

5122 3/4" x 3-1/2" GR 5 Bolt, N, S, W

5130 3/4" x 5" Bolt & Nut For C

5140 3/4" x 3" Bolt & Nut For SWC

5200 9/16" x 3" Nut, Bolt & Washer

5220 1/2" x 2" Special Clevis Pin For Single Claw and Hole Plug

5225 1/2" x 2-1/4" Bolt, Nut & Washer For Mity Bite & Lip Grip

5226 1/2" x 3" Nut, Bolt & Washer for #5900

5230 1/2" x 1-1/4" Bolt & Washer For #1MA, #2MA and #3MA Legs

5240 1/2" Nut

5245 1/2" x 3" Nut, Bolt & Washer for #0205 & #1450

5246 1/2" x 3" Nut, Bolt, Washer & Spring for #0205

5247 1/2" x 2-1/2" Nut, Bolt, Washer & Spring for #0305 & #0405

5248 1/2" x 2-1/2" Nut, Bolt & Washer for #0305 & #0405

5249 3/4 x 4 Nut Bolt Washer F/4018

5250 9/16 x 2-1/2 Bolt & Spring F/0551

5251 5/8 x 3-1/2 BNWS F/0660

5252 5/8 x 4-1/2 BNWS F/0670

5253 5/8 x 5-1/2 BNWS F/0680

5254 1/2" x 4" BNSW F/0655

5255 9/16" x 4" BNWS

5256 5/8" x 3 1/2" BNWS

5257 1/2" x 3" GR 5 BNSW for 0307

5260 5/8" x 4 1/2" Bolt, Nut Washer

5310 5/8" x 1 1/2" Bolt For Large D Jaw

5320 5/8" Heavy Nut Only For RG and Box

5321 1/2" Washer

5325 5/8" x 3" Bolt, Nut & Washer for Multi-Angle Clamp

5330 5/8" x 5" Bolt & Nut For RG and Box

5335 5/8" x 4 1/2" Bolt & Nut For Mini-C

5340 5/8" Nut Only

5345 5/8" Washer

5350 5/8"x 3" Bolt & Nut For JR

5355 5/8"x 4-1/2" Nut, Bolt & Washer for #4020

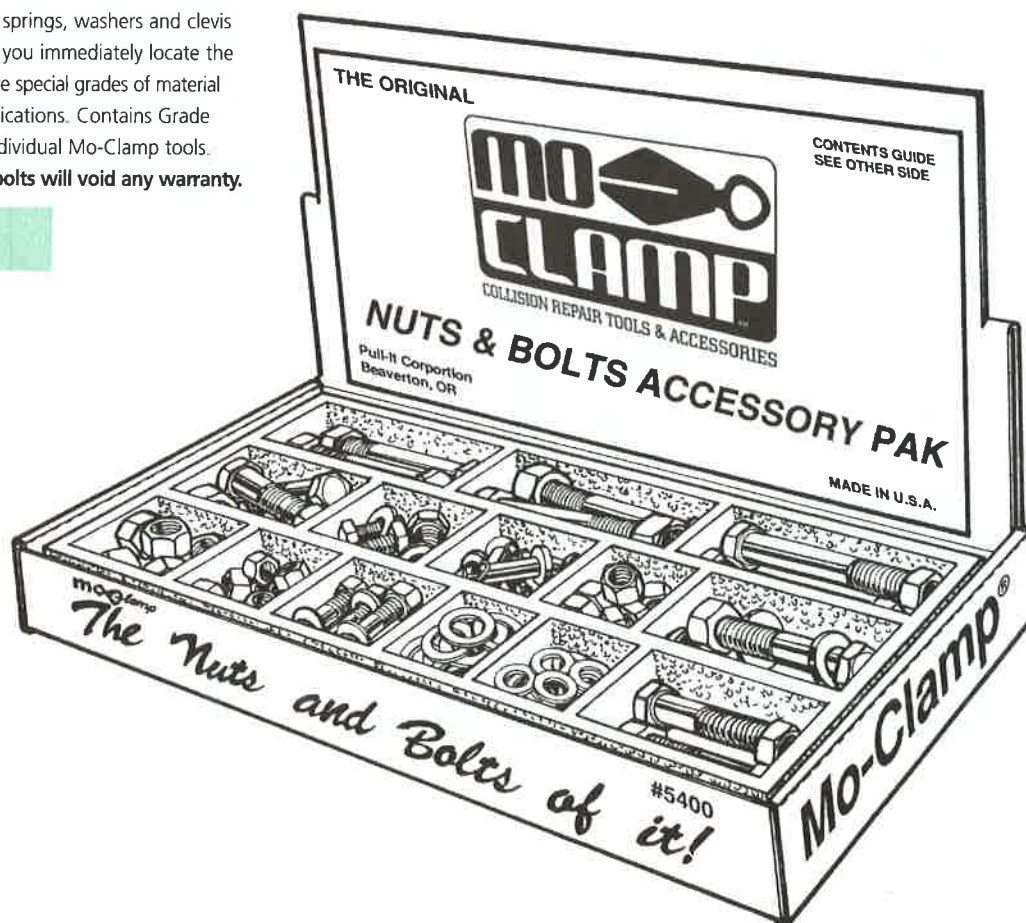
#5400 Nut & Bolt Replacement Pack

Most commonly used bolts, nuts, springs, washers and clevis pins. A diagram on the box helps you immediately locate the part you need. Mo-Clamp bolts have special grades of material and are heat-treated to our specifications. Contains Grade 5 and Grade 8 bolts specific to individual Mo-Clamp tools.

Use of non-Mo-Clamp nuts and bolts will void any warranty.

Specifications:

Weight: 20 lbs. (9.1 kg)

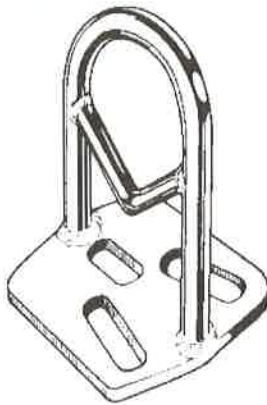


#5616 Door Post Puller/Twister

Designed to put a twist in your pull with its V-shaped gusset. There are three positions from which to pull. For use on bolt-type hinge pillars.

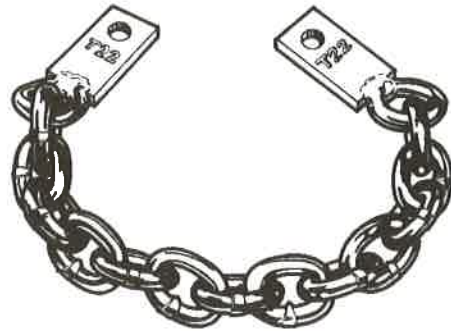
Specifications:

Overall length: 5 1/4" (133 mm)
Slots: 1/2" x 1 1/2" (12 mm x 39 mm)
Weight: 2 lbs. (.91 kg)
Capacity: 2 tons (1,814 kg)



#5622 Tower Chain

Many different shop uses. Use in correction of strut towers; for attachment to existing bolt holes. Designed for use with 1/4" chain.

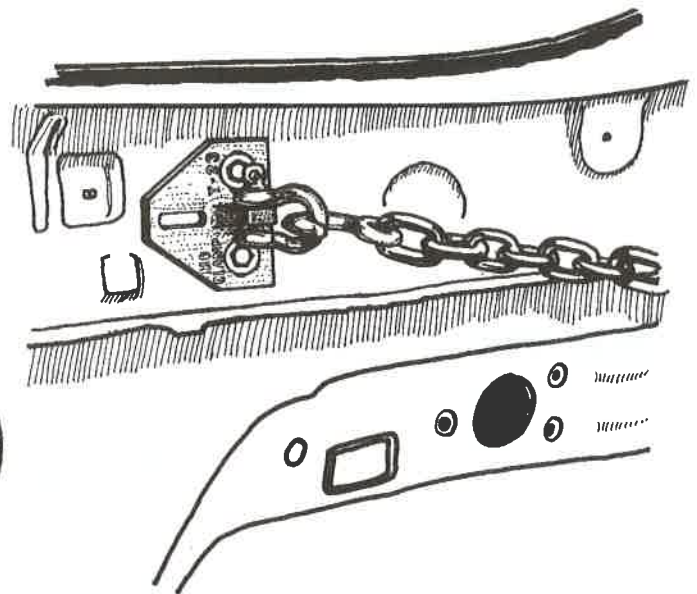
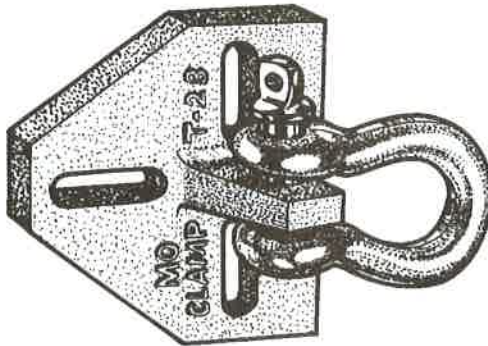


Specifications: Overall length: 19" (483 mm)
Weight: 2 lbs. (.91 kg), Capacity: 2 tons (1,814 kg)

#5623 Hinge Plate

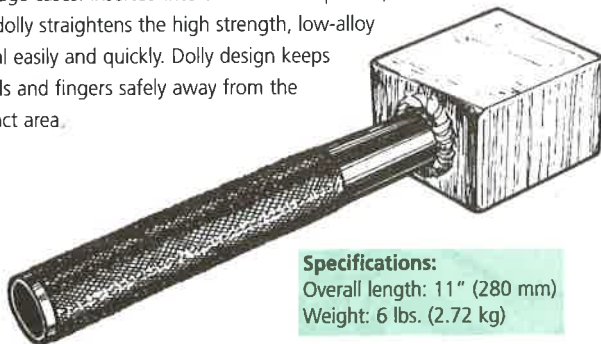
Use in existing holes in frame structures or body panels. Comes with 3/8" Shackle (#5626) for angle pulls.

Specifications: Overall length: 4" (101 mm)
Weight: 2 lbs. (.91 kg), Capacity: 3 tons (2,722 kg)



#5710 Mo-Block Dolly™ for Frame Rail

Straighten frame rails in about 80% of front-end damage cases. Inserted into the frame rail pocket, the dolly straightens the high strength, low-alloy metal easily and quickly. Dolly design keeps hands and fingers safely away from the impact area.

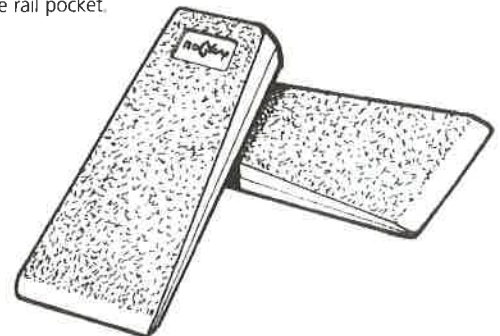


Specifications:
Overall length: 11" (280 mm)
Weight: 6 lbs. (2.72 kg)

#5711 Mo-Wedge™

High impact polycarbonate plastic. Great for spreading damaged body panels. Used with Mo-Block Dolly for straightening out the rail pocket.

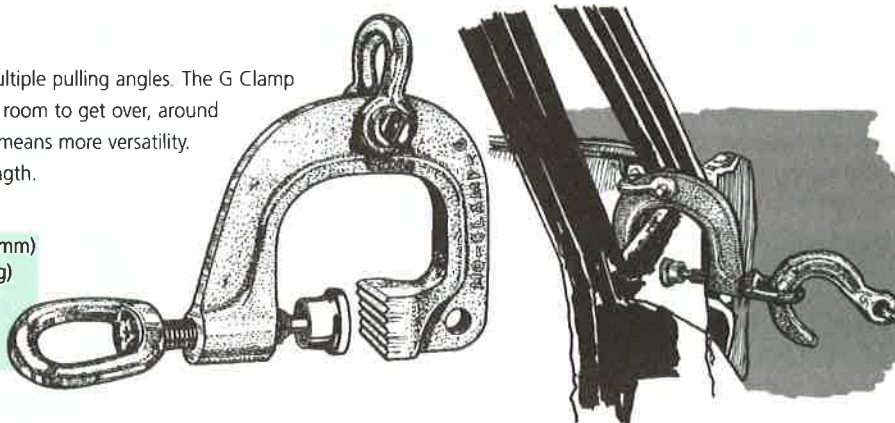
Specifications:
Overall length: 5 1/2" (140 mm)
Weight: .5 lbs. (.23 kg)



#5800 G Clamp

Mo-Clamp's G Clamp means easier pulling, with multiple pulling angles. The G Clamp has a throat opening of 4 inches allowing plenty of room to get over, around and behind the damage. And the movable shackle means more versatility. Made of heat-treated alloy steel, cast for extra strength. Includes swivel pad.

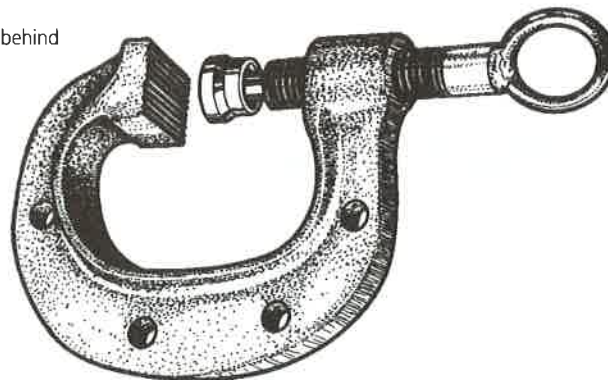
Specifications: Overall length: 10 1/2" wide (267 mm)
Overall width: 6" (152 mm), Weight: 6 lbs. (2.72 kg)
Capacity: 4 tons (3,629 kg)
Replacement Parts: #4055 Screw Pin Shackle
#520034 Main Shaft, #840065 Swivel Pad



#5802 Jumbo G Clamp

Mo-Clamp's Jumbo G Clamp has a throat opening of 7 inches to get over, around and behind the damage. Multiple holes allow for various angle pulls. Optional Shackle (#4059) means even more versatility. Includes swivel pad.

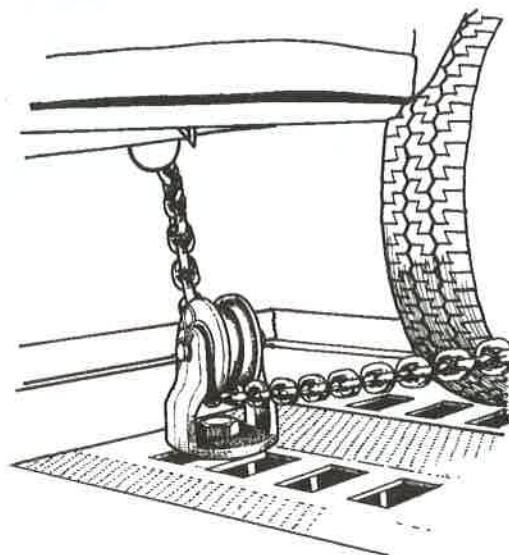
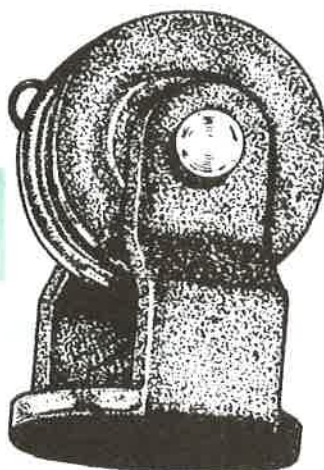
Specifications: Overall length: 15 1/2" (394 mm), Overall width: 9 1/2" (241 mm)
Weight: 22 lbs. (9.9 kg), Capacity: 7 tons (6,350 kg)
Replacement Parts: #580204 Main Shaft, #580209 Swivel Pad



#5810 Down Pulley Assembly

For straight down or angled pulling. Works with pulling towers and bench systems. Large 5" wheel prevents undue chain wear. Secured with 1" heat-treated pin. Allows horizontal pulls when used with #5811 Block Pulley Adapter.

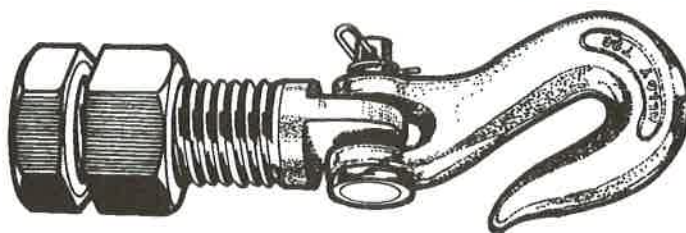
Specifications: Overall length: 7 1/2" (190 mm)
Weight: 16 lbs. (7.26 kg), Capacity: 5 tons (4,536 kg)
Replacement Parts: #840067 Clevis Pin
#840068 Cotter Pin, #840086 Wheel Only



#5811 Block Pulley Adapter

Double your pulling power. Use this adapter with #5810 Down Pulley Assembly to make a Snap Block Pulley.

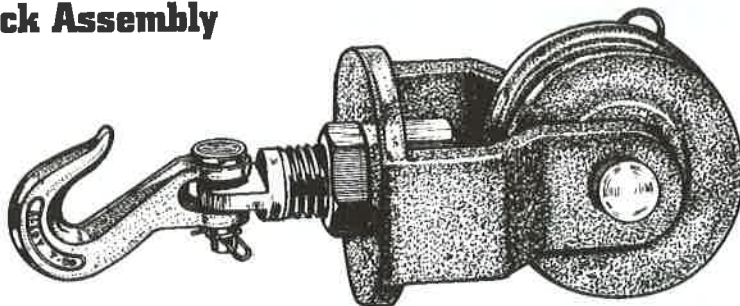
Specifications: Overall length: 8 1/4" (210 mm), Weight: 4 lbs. (1.81 kg), Capacity: 5 tons (4,536 kg)
Replacement Parts: #6210 Hook Only, #520503 Bolt Assembly



#5815 5" Down Pulley/Snap Block Assembly

The Down Pulley Assembly #5810 is combined with the Block Pulley Adapter #5811. Perfect for horizontal pulls.

Specifications: Capacity: 5 tons (4,536 kg)



#5818 3" Down Pulley

A new smaller down pulley from Mo-Clamp provides the same benefits of our 5" down pulley in a smaller version. Made of Mo-Clamp Tru-Tuff steel alloy. This tool will give you years of trouble-free service. The existing Mo-Clamp Block Pulley Adapter (part number 5811) is interchangeable between the two down pulley tools, giving the technician great flexibility to use the tool which meets their needs and space requirements.

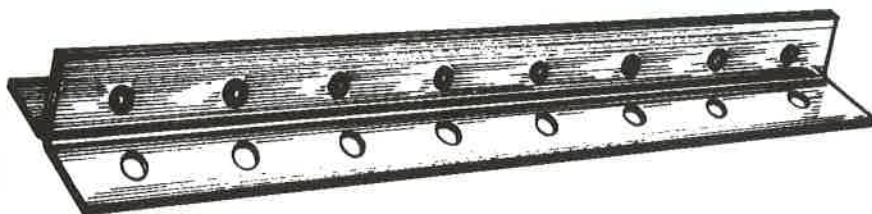
Specifications: Capacity: 4 tons (3,629 kg)



#5820 Pinch Weld Brackets (Set of 4)

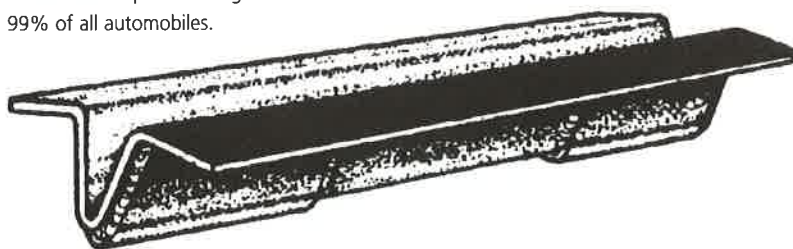
Weld-on pinch weld brackets. 12" brackets for welding to bottom of automobiles without pinch welds. Works with most pinch welding holding systems. Allows for hook-up to a frame rack or hold-down system.

Specifications: Overall length: 12" (305 mm)
Weight: 3 lbs. (1.36 kg), Capacity: 2 tons (1,814 kg)

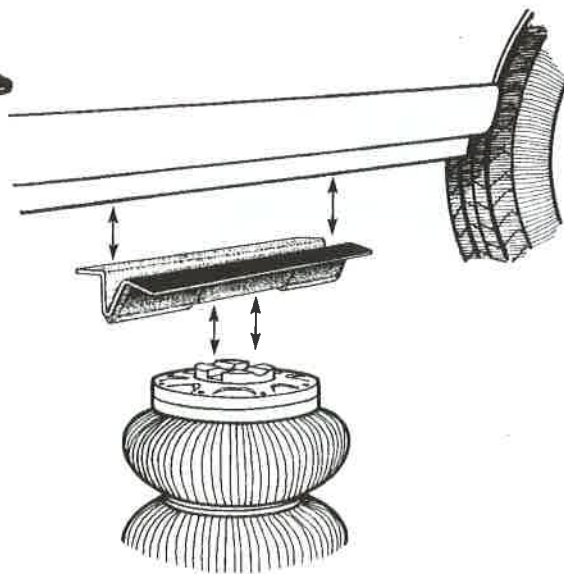


#5830 Saddle Mate

For use with your Selson® Air Jack. Unique formed shape gives the SaddleMate superior strength. Custom die form to fit 99% of all automobiles.



Specifications: Weight: 2.5 lbs. (1.13kg), Length: 10" (255mm)



#5850 Small Jaw Tong Clamp

Pivoting jaws on all tong clamps assure a secure grip across the entire gripping surface on pulls up to 5 tons. Made in the USA of Tru-Tuff heat treated steel alloy.

Specifications:

Overall length: 12" (304mm)
Weight: 9.5 lbs (4.31kg)
Capacity: 5 tons (4,536kg)
Throat Depth: 5" (127mm)
Max Opening: 5.25" (133mm)
Throat Closed: 2" (51mm)



#5851 Hybrid Tong Clamp

Pivoting jaws on all tong clamps assure a secure grip across the entire gripping surface on pulls up to 5 tons. Made in the USA of Tru-Tuff heat treated steel alloy.

Specifications:

Overall length: 12" (304mm)
Weight: 10 lbs (4.54kg)
Capacity: 5 tons (4,536kg)
Throat Depth: 5" (127mm)
Max Opening: 6" (152mm)
Throat Closed: 3" (76mm)



#5852 Large Tong Type Clamp

Pivoting jaws on all tong clamps assure a secure grip across the entire gripping surface on pulls up to 5 tons. Made in the USA of Tru-Tuff heat treated steel alloy.

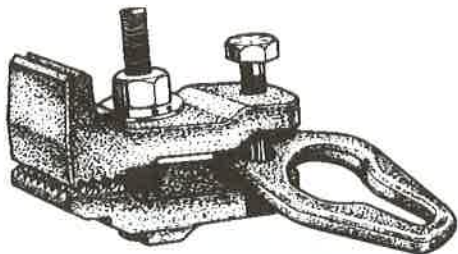
Specifications:

Overall length: 10.5" (267mm)
Weight: 10.5 lbs (4.76kg)
Capacity: 5 tons (4,536kg)
Throat Depth: 5" (127mm)
Max Opening: 6.5" (165mm)
Throat Closed: 4.25" (108mm)



#5900 Mini-Bite™ with Pull Ring

The reversible Mini-Bite Clamp is designed to get around lips and corners for strong pulls and to pull narrow seams and lips. Cross-hatch tooth design assures a firm grip. 1 1/2" wide. Designed for use with 1/4" chain.



Specifications: Overall length: 6" (152 mm), Weight: 3 lbs. (1.36 kg)
Gripping surface: 1 3/4" wide (45 mm), 1" deep (25 mm)
Capacity 3 tons (2,722 kg)
Replacement Parts: #520046 Bolt, #5226 Bolt, Nut & Washer
#000120 Mini Pull-Ring

#5910 Slide Hammer Attachment

Screw this adapter on the end of your slide hammer, attach Mo-Clamp shackle (#4055), connect to any Mo-Clamp pulling tool and you have a complete tool to make light pulls when your main pulling machine is tied up or you simply want a quick pull.



Specifications: Weight: .7 lbs. (.32 kg)

Chain

Mo-Clamp chain is manufactured in accordance with the NACM Specification for chain, ASTM Standard A391 and ASTM Standard A413 for grade 70 carbon steel chain. The grade number relates to the strength level of the chain. Mo-Clamp chain is protectively plated with yellow dichromate.

DEFINITIONS

Working Load Limit: Refers to the maximum load (rated capability) in pounds that shall be applied in direct tension to a straight length of chain or attachment. The working load limit shall not be exceeded.

Proof Test: Refers to a load in pounds which an attachment or chain (or both) has withstood during a test in which an increasing tension is applied to an attachment or straight length of chain. This is typically accomplished as part of the manufacturing or testing process.

WARNINGS



- **NEVER EXCEED THE WORKING LOAD LIMIT** of chains or attachments, even when the item is new and the load limit is uniformly applied.
- Before use, always inspect chain and attachments for kinking, twisting, knotting, and visible defects such as distortion or damage.
- Do not jerk load. Apply pressure slowly and steadily.
- The terms 'working load limit' and 'proof test' contain no implication of what load an attachment or chain will withstand, if any, if the factors noted in the "Definitions" are changed.
- The 'working load limit' should not be exceeded, even when an attachment or chain is new and the load is uniformly applied. The manufacturer does not accept any liability for damages which result from an attachment or chain being used in excess of the working load limit.

3/8" (9.53 mm) Mo-Clamp Frame Straightening Chain

#6004	4' (1.22 m)	#6008	8' (2.44 m)	#6010	10' (3.05 m)
#6006	6' (1.83 m)	#6009	9' (2.74 m)	#6012	12' (3.66 m)

All the above include one #6210 Grab hook

#6011 10' (3.05 m) with Welded Slip Hook

#6013 12' (3.66 m) with Alloy Slip Hook

#6100 Chain cut to Specifications

#610001 400' Barrel of 3/8" Mo-Clamp Chain

Working load limit: 6,600 lbs., Proof test 20,000 lbs. (9,070 kg); the weight of the chain is 2 lbs. per foot (.91 kg), the weight of the Grab Hook is 1 lb. (.45 kg)

1/4" (6.35 mm) Mo-Clamp Frame Straightening Chain

#6104	4' (1.22 m)	#6108	8' (2.44 m)	#6110	10' (3.05 m)
#6106	6' (1.83 m)	#6109	9' (2.74 m)	#6112	12' (3.66 m)

All the above include one #6280 Grab hook

#6200 Chain cut to Specifications

Working load limit: 3,100 lbs., Proof test 6,300 lbs. (2,857 kg); the weight of the chain is 1 lb. per foot (.45 kg), the weight of the Grab Hook is 1 lb. (.45 kg)

5/16" (7.94 mm) Mo-Clamp Frame Straightening Chain

#6504	4' (1.22 m)	#6508	8' (2.44 m)	#6510	10' (3.05 m)
#6506	6' (1.83 m)	#6509	9' (2.74 m)	#6512	12' (3.66 m)

All the above include one #6270 Grab hook

#6500 Chain cut to Specifications

Working load limit: 4,700 lbs., Proof test 9,400 lbs. (4,263 kg); the weight of the chain is 1 lb. per foot (.45 kg), the weight of the Grab Hook is 1 lb. (.45 kg)

#6210 3/8" Alloy Clevis Grab Hook

Specifications: Weight: 2 lbs. (.91 kg), Capacity: 8 tons (7,257 kg)
Working load limit: 7,100 lbs.
Replacement Parts: #62101 Clevis Pin, #62102 Rue Clip

#6220 3/8" Super Alloy Clevis Grab Hook

Specifications: Weight: 2 lbs. (.91 kg), Capacity: 10 Tons (9,072 kg)
Working load limit: 7,100 lbs.
Replacement Parts: #62501 Retaining Pin, #62502 Spring Pin

#6230 5/16" Alloy Clevis Slip Hook

Specifications: Weight: 2 lbs. (.91 kg), Capacity 3 tons (2,722 kg)
Working load limit: 7,100 lbs.
Replacement Parts: #62305 Clevis Pin, #62102 Rue Clip

#6250 3/8" Super Alloy Clevis Slip Hook

Specifications: Weight: 2 lbs. (.91 kg), Capacity: 10 tons (9,072 kg)
Working load limit: 7,100 lbs.
Replacement Parts: #62501 Retaining Pin, #62502 Spring Pin

#6260 3/8" Alloy Clevis Slip Hook

Specifications: Weight: 2 lbs. (.91 kg), Capacity 7 tons (6,350 kg)
Working load limit: 5,500 lbs.
Replacement Parts: #62101 Clevis Pin, #62102 Rue Clip

#6270 5/16" Alloy Clevis Grab Hook

Specifications: Weight: 2 lbs. (.91 kg), Capacity: 4 tons (3,629 kg)
Working load limit: 4,500 lbs.
Replacement Parts: #62305 Clevis Pin, #62802 Rue Clip

#6280 1/4" Alloy Clevis Grab Hook

Specifications: Weight: 1 lb. (.45 kg), Capacity: 3 tons (2,722 kg)
Working load limit: 3,500 lbs.
Replacement Parts: #62801 Clevis Pin, #62802 Rue Clip

#6290 1/4" Alloy Clevis Slip Hook

Specifications: Weight: 1 lb. (.45 kg), Capacity 2 tons (1,814 kg)
Working load limit: 3,500 lbs.
Replacement Parts: #62801 Clevis Pin, #62802 Rue Clip



#6210 Alloy Clevis Grab Hook



#6220



#6250



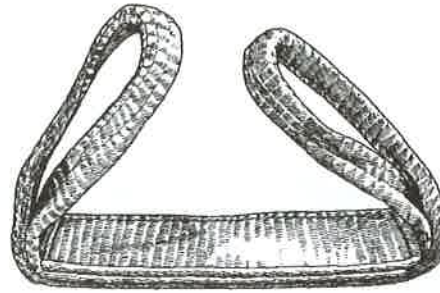
#6260 Alloy Clevis Slip Hook

Slings

#6300 Nylon Sling

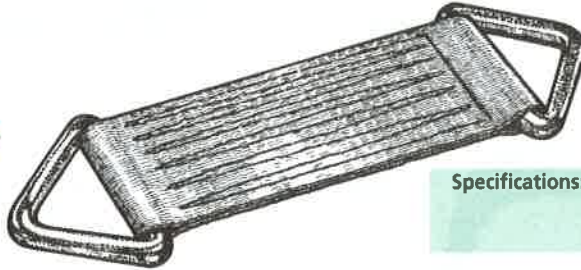
Protects area where chain may damage structure.
Can be made into a cinch.

Specifications: Overall length: 30" (762 mm), Weight: 1 lb. (.45 kg)
Capacities: Vertical: 2.5 tons (2,268 kg), Choke: 2 tons (1,814 kg)
Basket: 5 tons (4,536 kg)



3"
Wide

4"
Wide



#6301 Nylon Sling with Metal Triangles

Protects finish from mars.

Specifications: Overall length: 20 1/2" (521 mm), Weight: 4 lbs. (1.81 kg)
Capacities: Vertical: 1 ton (907 kg), Choke: 1 ton (907 kg)
Basket: 2 ton (1,814 kg)

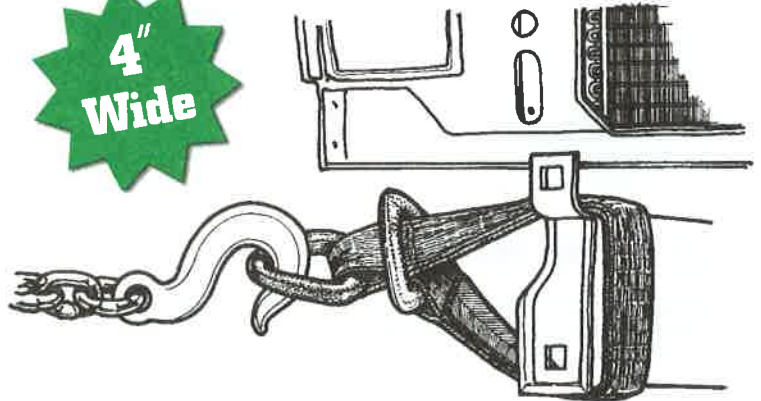
#6302 30" Sling w/Pear and Triangle

Protects finish from mars. Wraps around and protects pillars while spreading the force.
Forged pull loops for exceptional toughness.



Specifications:
Overall length: 31" (790 mm)
Weight: 4 lbs. (1.81 kg)
Capacities:
Vertical: 2,400 lbs. (1,088 kg)
Choke: 1,500 lbs. (680 kg)
Basket: 4,000 lbs. (1,814 kg)

4"
Wide



#6304 60" Sling w/Sewn Loops and Protective Backing

Protects finish from mars. With inside Mo-Guard protective covering for extra long life.



Specifications: Overall length: 60" (1,525 mm), Weight: 2 lbs. (.91 kg)
Capacities: Vertical: 5,000 lbs. (2,267 kg), Choke: 4,000 lbs. (1,814 kg)
Basket: 10,000 lbs. (4,535 kg)

#6303 60" Sling w/Sewn Loops

Protects finish from mars.

3"
Wide

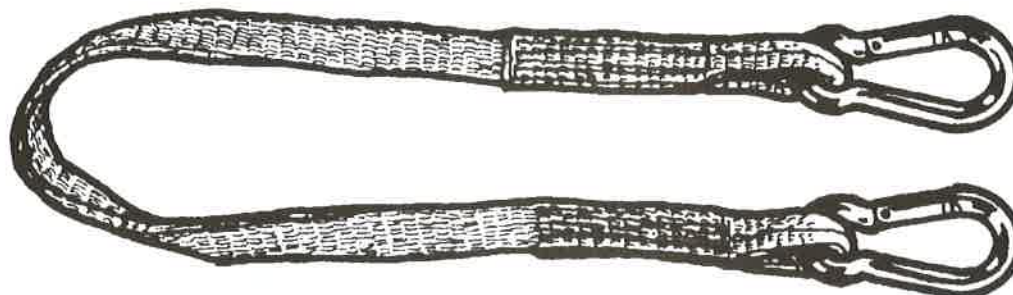


Specifications: Overall length: 60" (1,525 mm), Weight: 2 lbs. (.91 kg)
Capacities: Vertical: 5,000 lbs. (2,267 kg), Choke: 4,000 lbs. (1,814 kg)
Basket: 10,000 lbs. (4,535 kg)

#6307 60" Securing Sling with Snap Rings

Specifications: Overall length: 60" (1,524 mm)

Use as a safeguard against separation, breakage of temporary welds or clamp failure. Not meant for pulling – for restraint of chain and clamps only.



#6308 30" Securing Sling with Snap Rings

Specifications: Overall length: 30" (762 mm)

#6319 Jumbo Nylon Strap

Perfect for lower and upper control arms and other suspension points where there are difficult angles. Will not slip like chain does. Also great for pillars, window frames and any place you need to get "around" with more size than our conventional straps.

Specifications:

Overall length: 60" (1,524 mm)

Weight: 3 lbs. (1.36 kg)

Capacities: Vertical, 6 tons (5,443 kg)

Choke, 4.8 tons (4,354 kg)

Basket, 12 tons (10,886 kg)



#6350 Cable Sling

Wrap around pulls.

Can be used as a choker.



Specifications:

Overall length: 36" (915 mm)

Weight: 2 lbs. (.91 kg)

Capacities: Vertical, 1.5 tons (1,360 kg)

Choke, 1 ton (907 kg)

Basket, 2.5 tons (2,268 kg)

#6380 36" Mo-Flex Sling

Specifications: Overall length: 36" (915 mm), Weight: 2 lbs. (.91 kg)

Capacities: Vertical: 5,300 lbs. (2,403 kg), Choke: 4,200 lbs. (1,905 kg)

Basket: 10,600 lbs. (4,807 kg)



#6381 60" Mo-Flex Sling

Specifications: Overall length: 60" (915 mm), Weight: 4 lbs. (1.82 kg)

Capacities: Vertical: 5,300 lbs. (2,403 kg), Choke: 4,200 lbs. (1,905 kg)

Basket: 10,600 lbs. (4,807 kg)

Mo-Flex slings are extremely flexible to conform more easily to the curve of surfaces being pulled. The protective pad slips around the sling to provide protection to the sling when wrapped around sharp objects.

#6382 Mo-Flex Protective Pad

Specifications: Overall length: 12" (305 mm), Weight: 2 lbs. (.91 kg)



#6330 Sling Cover

Specifications: Overall length: 12" (305 mm), Weight: 1 lbs. (.45 kg)



30

HEAT TREATED STEEL • MADE IN THE U.S.A.

Tie-Downs

#6305 GM "R" Hook 5/16" (7.94 mm) chain (Silver)

Specifications: Overall length: 9" (228 mm)
Weight: 2 lbs. (.91 kg), Capacity 4 tons (3,629 kg)

#6306 GM "R" Hook 3/8" (9.53 mm) chain (Gold)

Specifications: Overall length: 11" (280 mm)
Weight: 2 lbs. (.91 kg), Capacity 5 tons (4,536 kg)

#6309 GM "R" Hook with grab hook

Specifications: Overall length: 9" (228 mm)
Weight: 2 lbs. (.91 kg), Capacity 4 tons (3,629 kg)



#6310 Ford "T" Hook 5/16" (7.94 mm) chain (Silver)

Specifications:
Overall length: 10 1/2" (267 mm)
Weight: 2 lbs. (.91 kg)
Capacity 4 tons (3,629 kg)

#6311 Ford "T" Hook 3/8" (9.53 mm) chain (Gold)

Specifications:
Overall length: 12" (305 mm)
Weight: 2 lbs. (.91 kg),
Capacity 5 tons (4,536 kg)



#6313

Ford "T" hook with grab hook

Specifications:

Overall length: 9" (228 mm)

Weight: 2 lbs. (.91 kg),

Capacity 4 tons (3,629 kg)



#6314

"M" hook with Chain

Specifications:

Overall length: 10" (254 mm)

Weight: 2 lbs. (.91 kg),

Capacity 4 tons (3,629 kg)



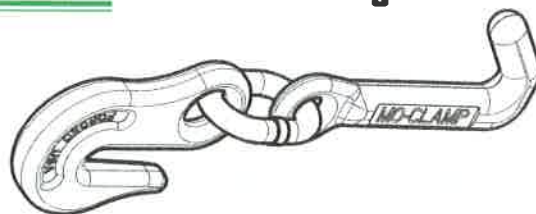
#6317 "J" Hook, 3/8" (9.53mm) chain



Specifications: Overall length: 9" (228 mm)

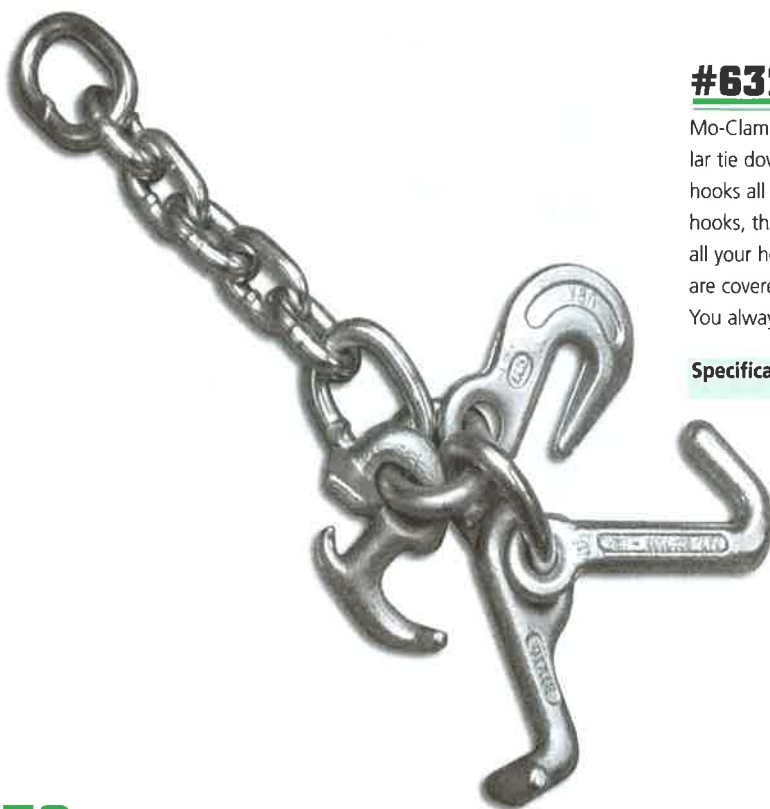
Weight: 2 lbs. (.91 kg), Capacity 4 tons (3,629 kg)

#6318 "J" Hook with grab hook



Specifications: Overall length: 9" (228 mm)

Weight: 2 lbs. (.91 kg), Capacity 4 tons (3,629 kg)



#6325 Tie Down Hook Cluster

Mo-Clamp introduces the "Tie down hook cluster" with all the most popular tie down hooks on one chain. Find your "R", "J", "T" and 3/8" Grab hooks all together. Made from the same quality steel alloy as the individual hooks, the cluster will provide years of use with the convenience of having all your hooks in one place. No need to worry about these hooks, as they are covered by the Mo-Clamp "forever" warranty and made in the USA. You always get quality from Mo-Clamp. The original. The best.

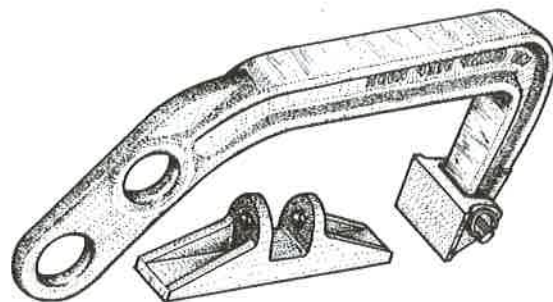
Specifications: Weight: 4.4 lbs. (2 kg), Capacity: 4 tons (3,629 kg)

#6400 Regular Deep Hook Set

6" (152mm) throat depth; 14" (356mm) throat opening. For fast hook-ups on cowl, door posts and trunk openings, or to reach into cramped places. Small bracket (2" x 3") and large bracket (2" x 9") are included in sets.

Specifications: Overall length: 19" (482 mm), Weight: 19 lbs. (8.62 kg)
Capacity: 5 tons (4,536 kg)

Replacement Parts: #210020 Large Bracket, #210030 Small Bracket
#520050 Pin

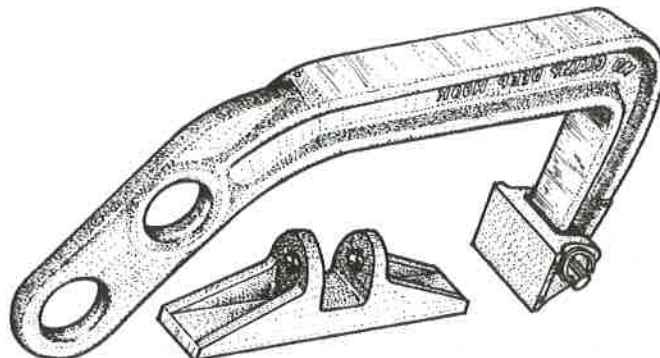


#6410 Jumbo Deep Hook Set

10" (254mm) throat depth; 15" (381mm) throat opening.

Specifications: Overall length: 21" (533 mm), Weight: 21lbs. (9.52 kg)
Capacity: 4 tons (3,629 kg)

Replacement Parts: #6411 Jumbo Deep Hook Arm Only
#210020 Large Bracket, #210030 Small Bracket, #520050 Pin

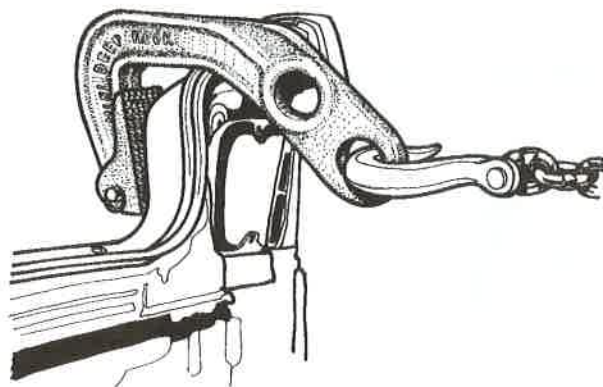
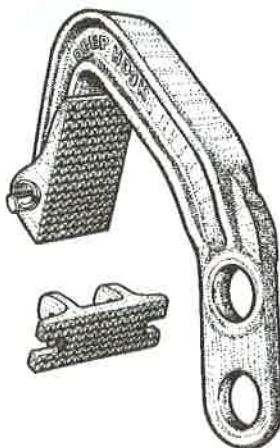


#6420 Mini Deep Hook Set

6" (152mm) throat depth;
9" (229mm) throat opening.
Brackets are interchangeable with
#6400 and #6410.

Specifications:
Overall length: 13" (330 mm)
Weight: 15 lbs. (6.81 kg)
Capacity: 4 tons (3,629 kg)

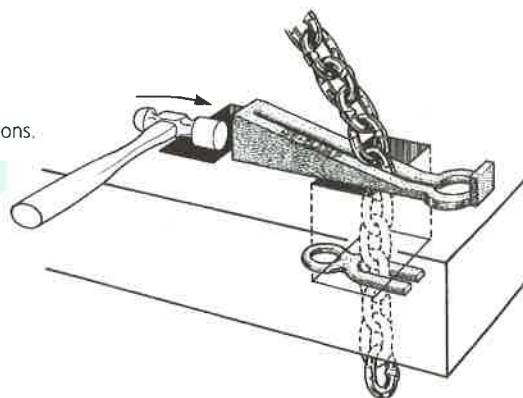
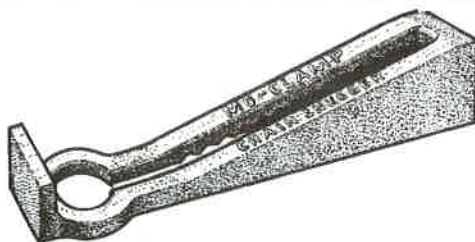
Replacement Parts:
#210060 Horizontal bracket
#210070 Vertical bracket
#520050 Pin



#6600 Chain Snugger

Tightens chain when used with a chain locking fork (1700) on frame racks and other applications.

Specifications: Weight: 6 lbs. (2.72 kg), Length: 12" (305mm), Capacity: 6 tons (5,443 kg)



Mo-Clamp's Measuring Systems

Correctly Restore Collision Damaged Vehicles to Original Dimensions

Mo-Clamp's Tram Instruments are indispensable for determining collision damage to unibody cars and for checking critical measurements during repair. Use the tram to check dimensions between control points on suspension and mechanical components. The Tram Instrument makes it easy to establish dimensions around components and to check contours by comparing measurements from one side of the vehicle to the other. Level bubble installed in sliding head for accuracy in measurement.

The Tram Instrument, with its ease of use and multiple applications, is a versatile measurement tool for unibody cars.

#7000, #7001 Universal Tram Gauge

Measures from 2 1/2" (65 mm) to 11' (3.3 m).

Specifications: #7000 Weight: 13 lbs. (5.90 kg) - Includes hard plastic storage case.
#7001 Weight: 10 lbs. (4.54 kg)

#7050, #7051 Baby Tram™ Gauge

Measures from 2 1/2" (65 mm) to 7' (2.1 m).

Specifications: #7050 Weight: 11 lbs. (4.99 kg)
Includes hard plastic storage case. #7051 Weight: 7 lbs. (3.18 kg)

#7055 Delrin Cone and Pointer

New large Delrin cone fits over end of pointer and allows exact middle-of-the-hole measuring. Pointer can be used independent of cone.



#7056 Socket Adapter Set



Socket adapters fit on new pointers (see #7055) to allow snug fit and precise measurements when control point is a bolt or rivet head. Comes in multiple sizes to fit over different sized bolt heads.

#7058 Pinch Weld Adapter Kit

Use these adapters to connect the centerline vertical scales to any pinch weld. Scales screw in to adapters for tight fit that will not come loose.



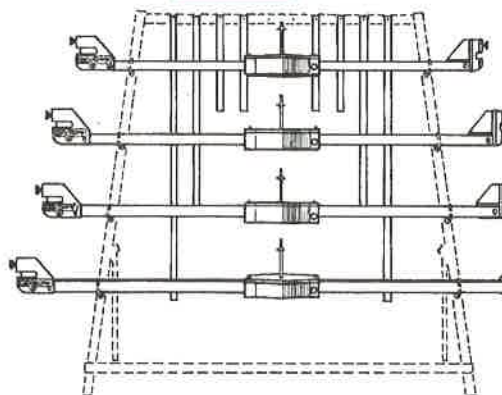
Specifications:
Weight: 1.7 lbs. (.77 kg)

#7057 Hole Adapter

Use these new hole adapters to fit on the end of your centerline gauge vertical scales in attaching the gauges to the bottom of a vehicle using the existing holes. Adapters fit in holes then expand for a secure hold.



#7200 Deluxe Centerline Gauge



Measures automatic centerline for all vehicles, foreign and domestic, with exceptional reliability and accuracy. Recessed tapes for efficient reading and durability. Made of rugged, light-weight cast aluminum. Measures in metric units. Instruction manual included. Compatible with all data books. Stand not included.

Specifications: Weight: 25 lbs. (11.34 kg)
Replacement Parts: Vertical scales: #710161, 8" (203 mm)
#710163, 16" (406 mm), #710164, 24" (610 mm)
#710162, optional 12" (305 mm), #710165, optional 30" (762mm)
some vehicles may require optional vertical scales.
Board Only: #710129, Hook Set Only: #710131

#7300 Strut Tower Alignment Gauge

Used in conjunction with the #7200 Centerline Gauges, Mo-Clamp's Strut Tower Gauge measures strut tower height at both forward and aft locations; determines centerline and locates lower control arm centerline position. Measures in metric units.

Specifications:

Weight: 10 lbs. (4.54 kg)

Replacement Parts:

Reverse cone pointers

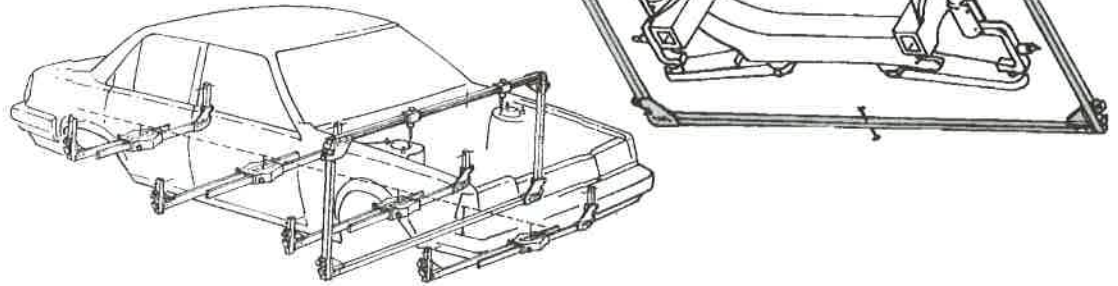
#710106 - 4" (102mm),

#710107 - 8" (203mm)

Tower pointers

#710109 - 4" (102mm),

#710108 - 8" (203mm)



#7400 Mo-Pro Gauge Package

Includes: #7001 - Universal Tram Gauge.

#7200 - Deluxe Centerline Gauge,

#7300 - Strut Tower Alignment Gauge

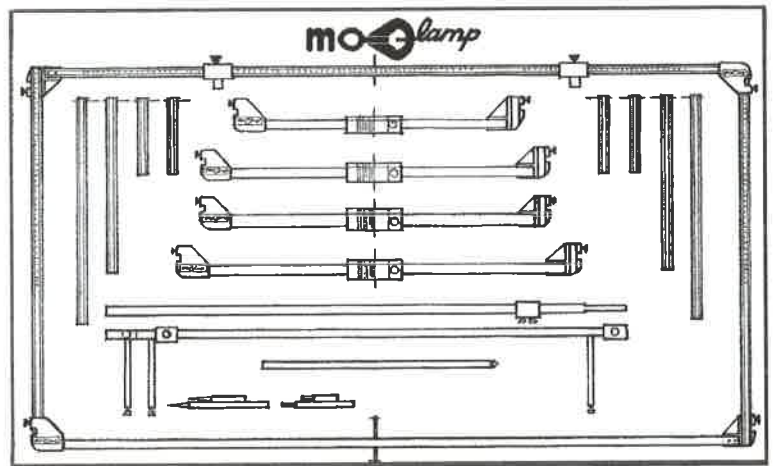
(Display board and hooks included with each package).

Specifications: Weight: 96 lbs. (43.54 kg)

Board Only: #710120

Hook Set Only: #710126

Be sure to use your unibody and chassis dimension and specification charts!

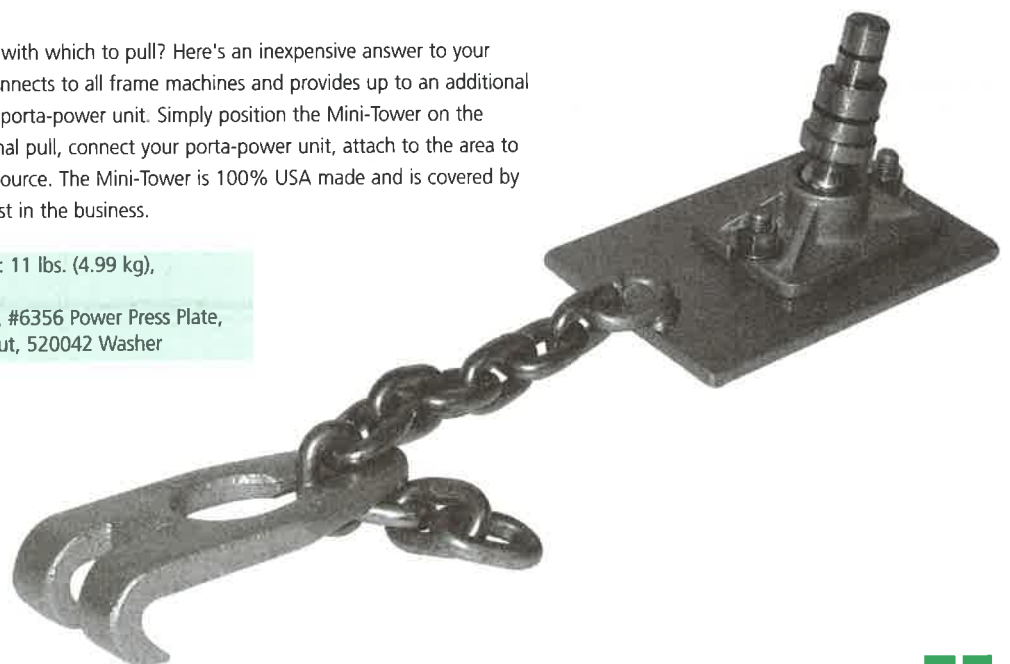


#8009 Mini-Tower

Ever wish you had just one more tower with which to pull? Here's an inexpensive answer to your question. The Mo-Clamp Mini-Tower connects to all frame machines and provides up to an additional 10 ton capacity pull using your existing porta-power unit. Simply position the Mini-Tower on the frame rack where you need the additional pull, connect your porta-power unit, attach to the area to be pulled and...voila...another pulling source. The Mini-Tower is 100% USA made and is covered by Mo-Clamp's "forever" warranty, the best in the business.

Specifications: Length: Varies, Weight: 11 lbs. (4.99 kg), Capacity: 10 tons (9,072 kg)

Replacement Parts: #1800 Trac Hook, #6356 Power Press Plate, 800901 Bolt Base Assembly, 520041 Nut, 520042 Washer





Replacement Parts

4041 Male Clamp Jaw Includes:
Nut, Bolt, Spring & Washer

4042 Female Clamp Jaw Includes:
Nut, Bolt, Spring & Washer

9401 W Jaw
9450 New 4 Way Leg w/Washer & Bolt
9701 Small Wedge
9702 Small Round Wedge
9801 Large Wedge

Tool Board Hooks, Washers & Nuts

840501 Long "L" Hook
840502 Short "L" Hook

840503 "J" Hook
840504 1/4" Nut

840505 1/4" T-Nut
840508 Washer

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**CAN'T FIND A PART, HAVE A
QUESTION OR COMMENT –
PLEASE CALL US AT
800.678.5548**

Mo-Clamp Limited Warranty

Pull-It Corporation (Pull-It) warrants its manufactured products to be free from defects in materials and workmanship for the life of the product to the original buyer of the product. Products not manufactured by Pull-It are not warranted by Pull-It. Any warranty on products distributed by Pull-It, which are not manufactured by Pull-It, are those offered by the product manufacturer. Any alleged defective product must be returned to Pull-It, freight prepaid. In the event a product is found to be defective, Pull-It will, at its option, repair or replace the defective product at its expense or refund the amount of the purchase price. If the product is repaired, it will be returned, freight prepaid, by Pull-It.

The above warranty is the only warranty made by Pull-It and is in lieu of any other warranty. All other warranties, express or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose, are disclaimed. Agents of Pull-It have no authority to make representations of any sort beyond those contained herein and any representations or promises inconsistent with or in addition to this warranty are unauthorized and shall not be binding upon Pull-It.

This warranty does not extend to any product that was subjected, in Pull-It Corporation's judgment, to misuse, alteration, neglect, accident, or repair by others or when the product has been altered or defaced.

Pull-It's liability whether in contract, in tort, under any contract provision, warranty, in negligence or otherwise shall not exceed the return of the amount of the purchase price paid by purchaser and under no circumstances shall Pull-It be liable for special, indirect, incidental, or consequential damages. Buyer expressly agrees that the remedies of repair, replacement, or refund of purchase price are buyer's sole remedies.

Pull-It reserves the right to alter product specifications and components without notice.

Questions regarding this limited warranty may be directed to our Customer Service Department.

Have You Invented a New Tool?

Pull-it Corporation, manufacturers of the internationally known Mo-Clamp line of autobody clamps and accessories, would like to help you bring ideas to the marketplace. Several of the products we currently offer were developed from ideas brought to us by people such as yourself. With our expertise in design, manufacturing, and distribution, we can help turn ideas into money. We welcome the opportunity to work with you.

Write or call Mo-Clamp and request an Inventor's Disclosure Agreement. Return the signed agreement with your idea for evaluation and we will make a determination and promptly notify you. Contact:

**Research & Development Department
Pull-it Corporation
6920 SW 111th Ave.
Beaverton, OR 97008 USA
1-800-678-5548
(503) 644-9167
email: salesdept@moclamp.com**

PULL-IT CORPORATION

6920 SW 111TH AVE.

BEAVERTON, OR 97008

800.678.5548

FAX 503.644.2733

503.644.9167

www.moclamp.com

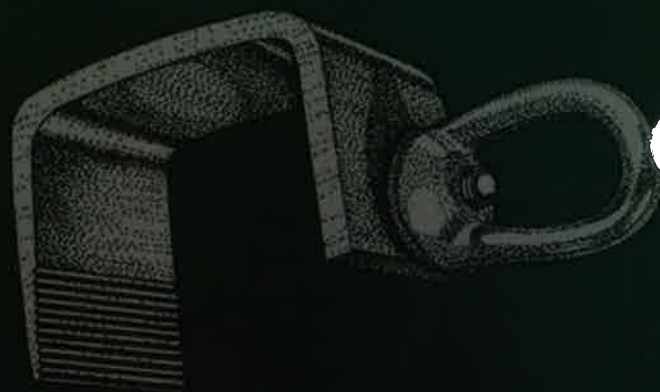
salesdept@moclamp.com

New Products at Mo-Clamp

Keep up to date with new product development at Mo-Clamp by logging on to our web site. You'll find our complete catalog on-line, plus technical advice and a listing of our newest products which have not yet been included in our printed catalog.



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BLACKHAWK® Automotive Service Equipment

ブラックホーク 株式会社
(048)430-5515

〒335-0027 埼玉県戸田市氷川町1-9-19 FAX (048) 430-5525