



2014 WHOLESALE CATALOG



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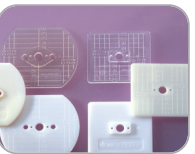
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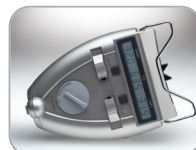
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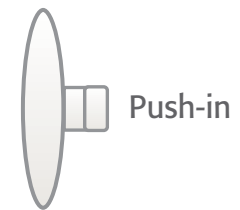


Entire pages of this catalog come alive on video. You can view detailed descriptions and demonstrations on a per page basis by visiting our website, westernoptical.com, and clicking on Western Optical LIVE! on the home page. Specific product videos also appear on the item's web page.

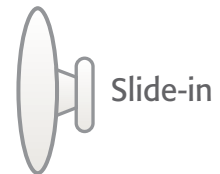
Do You Have An Inspiration For A New Tool? If you have a need for a new style of tool or have an eyewear adjustment challenge you would like us to solve, please contact Western Optical with your comments/suggestions.



10 Pair Pack



Push-in



Slide-in



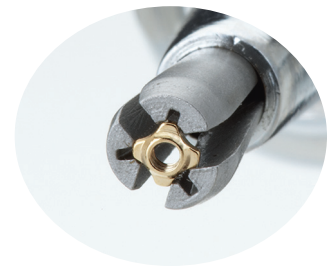
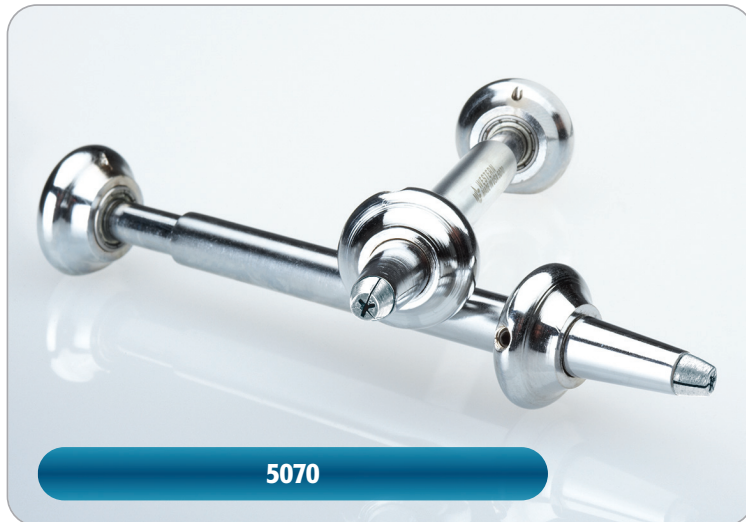
Screw Post

All-Clear Silicone Nose Pads

Packaged 10 pairs per pack

#2243/10	9mm	Round	Slide-In	#2270/10	13mm	Symmetrical	Screw Post
#2245/10	9mm	Round	Push-In	#2272/10	15mm	Symmetrical	Screw Post
#2247/10	9mm	Round	Screw Post	#2274/10	17mm	Symmetrical	Screw Post
#2248/10	15mm	"D" Style	Screw Post	#2275/10	13mm	Symmetrical	Push-In
#2250/10	17mm	"D" Style	Screw Post	#2277/10	15mm	Symmetrical	Push-In
#2255/10	19mm	"D" Style	Screw Post	#2279/10	17mm	Symmetrical	Push-In
#2258/10	15mm	"D" Style	Push-In	#2282/10	13mm	Oval	Screw Post
#2260/10	17mm	"D" Style	Push-In	#2284/10	13mm	Oval	Push-In
#2265/10	19mm	"D" Style	Push-In				

Universal Nut and Screw Grabber



Universal Nut and Screw Grabber

ORIGINAL...BEST...REENGINEERED TO DO MORE!

This is the driver you can't live without! As the size and shape of lock nuts proliferates so does your collection of nut drivers. How many times a day do you try driver after driver and never find one that grabs your nut?

Western has ended your search with the Universal Nut and Screw Grabber! The expandable jaw automatically grips any size or shape lock nut, hex nut, star nut, cap nut or round nut.

Extra value: two tools in one! The Universal Nut and Screw Grabber doubles as a screw starter! Placing a screw in the self-closing jaws makes it easy to thread even the smallest screw into the hardest to reach places. The more pressure you apply, the tighter the grip on the screw.

The Universal Nut and Screw Grabber is the one driver that does it all. Excellent for inserting a hinge screw when using the Spring Hinge Plier Kit (#2018).

Available in two models: solid, all-metal construction for continuous use or an injection molded plastic exterior for office use. 3-3/4" long. US Patent Application #11/833.527. Made in the USA.

#5070 Universal Nut and Screw Grabber/Laboratory Use
#5075 Universal Nut and Screw Grabber/Office Use

TruBlue Aluminum Drivers

Indestructible and comfortable. The industry's standard driver with a new attractive blue protective finish. Rotating cap has flat spot to prevent the driver from rolling. The blade is held in place by a steel snap ring. 4-1/4" long.



2300 – 2305

TruBlue Standard Screwdriver
1.6mm x 2.2mm
#2300

TruBlue Fine Flat Tip Screwdriver
1mm x 1mm
#2300FT

TruBlue Standard Hex Nut Driver
2.3mm
#2300H

TruBlue Phillips Screwdriver
#000 x #00
#2300P

TruBlue Phillips/Flat Screwdriver
#000 x 1.4mm
#2300PF

TruBlue Screw Extractor
1.1mm x 1.5mm
#2300SE

TruBlue Star Nut Large Driver
2.8mm
#2300SNL

TruBlue Star Nut Small Driver
2.2mm
#2300SNS

TruBlue Driver Set
(All 8 drivers listed)
#2301

TruBlue Handle
#2305

TruBlue Steel Snap Ring
#2300R

Driveshaft Drivers

Comfortable and attractive. Injection molded of super sturdy non-wearing nylon with rotating cap. The hardened steel blades are securely held in place by a steel snap ring. Blades won't slip out, yet are easily replaceable. 4-1/4" long. US Patent #D326,213.



2046 – 2048

Driveshaft Standard Screwdriver
1.6mm x 2.2mm
#2048

Driveshaft Fine Flat Tip Screwdriver
1mm x 1mm
#2046FT

Driveshaft Standard Hex Nut Driver
2.3mm
#2046H

Driveshaft Phillips Screwdriver
#000 x #00
#2046P

Driveshaft Phillips/Flat Screwdriver
#000 x 1.4mm
#2046PF

Driveshaft Screw Extractor
1.1mm x 1.5mm
#2046SE

Driveshaft Star Nut Large Driver
2.8mm
#2046SNL

Driveshaft Star Nut Small Driver
2.2mm
#2046SNS

Driveshaft Set
(All 8 drivers listed)
#2046

Driveshaft Handle
#2049

Driveshaft Steel Snap Ring
#2049R

Pocket Clip Driveshaft Drivers

This useful design allows you to keep track of your driver by comfortably carrying it with you. The removable hardened steel blade is securely held in place by a steel snap ring. 4-1/4" long. US Patent #D326,213.



2057 – 2059

Pocket Clip Driveshaft Standard Screwdriver
1.6mm x 2.2mm
#2058

Pocket Clip Driveshaft Fine Flat Tip Screwdriver
1mm x 1mm
#2059FT

Pocket Clip Driveshaft Standard Hex Nut Driver
2.3mm
#2059H

Pocket Clip Driveshaft Phillips Screwdriver
#000 x #00
#2059P

Pocket Clip Driveshaft Phillips/Flat Screwdriver
#000 x 1.4mm
#2059PF

Pocket Clip Driveshaft Screw Extractor
1.1mm x 1.5mm
#2059SE

Pocket Clip Driveshaft Star Nut Large Driver
2.8mm
#2059SNL

Pocket Clip Driveshaft Star Nut Small Driver
2.2mm
#2059SNS

Pocket Clip Driveshaft Set
(All 8 drivers listed)
#2059

Pocket Clip Driveshaft Handle
#2057

Deluxe Drivers



2050

The Stealth Driver

The most comfortable driver ever! The head swivels and pivots to always fit securely in the palm of your hand. Ergonomic design eliminates wrist and elbow fatigue. Blade is held in place with a magnet for easy switching. Steel and brass construction. Uses all Western replacement driver blades. 4-5/8" long. US Patent #6,145,982.

Stiletto Power Driver

Stationary cap rotates on ball bearings yielding a smooth comfortable feel. A high power magnet holds the blade securely in place for quick blade changes. Uses standard screwdriver and nut driver blades. No Allen wrench or special driver blades required. 3-3/4" long.



5050



5060

Le Forque Driver Set

Delivers tremendous torque and stores its own supply of blades in the handle. Easy to grip heavy-duty body with removable ball bearing cap. A magnet holds the blade in place making changes quick and easy. Four blades included: flat/flat (2), Phillips and fine tip. 5" long.



HEALTH TIP

Everyone in your dispensary should be supplied with their own personal screwdriver due to health concerns with pricked fingers drawing blood.

Spring Clamp Screwdrivers

Reach in and grab as you unscrew the hinge, nose pad or eyewire screw. This precision driver will continue to hold the screw as you place it back into the eyewear. Comes in three blade configurations. 4-7/8" long.

Fine Tip Spring Clamp Screwdriver
#2051

Replacement blade
#2051B

Standard Spring Clamp Screwdriver
#2052

Replacement blade
#2052B

Phillips Spring Clamp Screwdriver
#2053

Replacement blade
#2053B



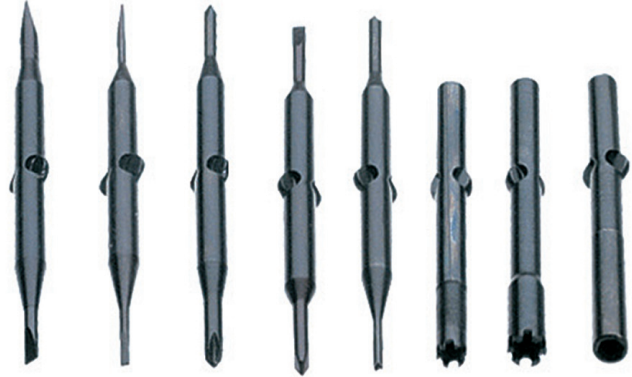
2051 - 2053



Self-Closing Fine Tip Tweezer

Springs closed instead of open! Delicate point plus sturdy stainless steel spring action holds the smallest screws securely. 6-1/4" long.

2055



2090 – 2095



2047

Get-A-Grip Driver Cushions

Get a firmer and more comfortable grip on your driver while relieving stress on your fingers. Multiple colors for fast tool identification. Set of five foam cushions: black, red, yellow, blue and gray. Drivers not included.

Replacement Driver Blades

Made in the USA of specially formulated steel using a special hardening process to minimize chipping and bending.

Standard/Narrow Driver Blade
1.6mm x 2.2mm (pkg. 3)
#2090/3

Standard/Narrow Driver Blade
1.6mm x 2.2mm (pkg. 10)
#2090/10

Fine Flat Tip Blade
1mm x 1mm (pkg. 3)
#2091/3

Phillips Small/Medium Blade
#000 x #00 (pkg. 3)
#2092/3

Phillips Small/Medium Blade
#000 x #00 (pkg. 10)
#2092/10

Screw Extractor Small/Medium Blade
1.1mm x 1.5mm (pkg. 3)
#2093/3

Standard Hex Nut 2.3mm Wrench Tip
#2094

Fine Phillips/Flat Blade
#000 x 1.4mm (pkg. 3)
#2095/3

Star Nut Small 2.2mm Wrench Tip
#2096

Star Nut Large 2.8mm Wrench Tip
#2097

Guide to Pliers

Handles to fit every grip. Grips to fit every hand.



Guild 1000

#1000 Series "Guild" features a hand conforming pistol grip with spring open action.



Premium 2000

#2000 Series "Premium" features traditional symmetrical handles with or without spring-open action.



Budgettool 3000

#3000 Series "Budgettool" has lighter weight traditional handles for a smaller grip without a spring.



Concorde 5000

#5000 Series "Concorde" features custom grips designed specifically for the task. Includes the **PJ Line** of parallel jaw pliers.



PJs 5000

PJ pliers feature jaws that close in parallel to safely and securely grip thick frames. Conventional pliers pinch thicker materials and mar the frame. PJs feature long, comfortable foam covered grips and narrow jaws. US Pat App #12/032.382.



MicroTools 8000

#8000 Series "MicroTools" Designed for professionals on-the-go. Big on function, small in size – average length is just 5". Complies with TSA regulations and can be carried aboard aircraft.

Choose the custom grip that's perfect for you



Vinyl grip

Thin coating of non-slip vinyl for both comfort and sensitivity.



Foam grip

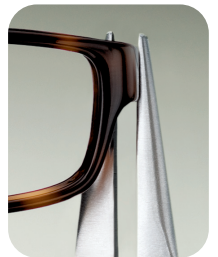
A light cushion of springy foam provides maximum comfort when applying a tight grip, when cutting a screw or bending a temple end.



Steel grip

Non-slip sculpted and polished steel grip for maximum tactile sensitivity when you want nothing to come between you, your tool and the frame.

The PJ Pliers Difference

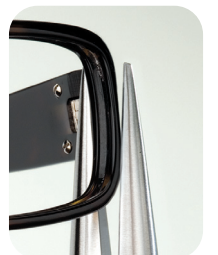


Parallel closing jaws grip frame securely



Why does Western use Delrin® plastic pads?

Western's exclusive Delrin dovetail pads save you time, effort and money. Delrin is a super hard plastic that outlasts softer nylon, so pads are replaced less often. Western's exclusive design eliminates screws and the probability of marring the frame. Replace a Western pad by quickly and easily sliding it into position. No aligning, drilling, tapping or screwing necessary.



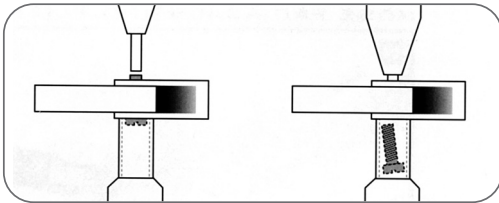
Non-parallel jaws can damage thick frames

Shootout Frame Repair Multi-Tool Kit

Western's engineering solution that saves you time six ways: punches out hinge and eyewire screws, re-establishes a screwdriver slot in a damaged screw head, flares or peens the screw end and can replace a hinge screw with a QuikFix Rivet.

The *Shootout* arms you with the most power available in a hand tool. The patented lever mechanism takes a gentle squeeze and transforms it into the controlled power needed to easily eject broken screws and reduce damage to the barrel.

The *Shootout* is simple to align and comfortable to grip even for the smallest hands.



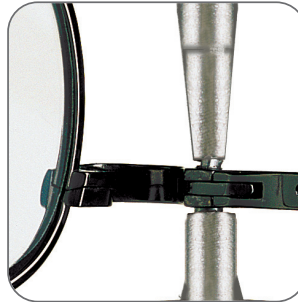
Kit includes precision hand tool and complete set of punches and anvils. 8 5/8" long. US Patent #6,006,410.



Removing eyewire screw



Slotting hinge screw



Replacing hinge screw with QuikFix Rivet



2042

Shootout Components

Points and anvils included in Shootout Kit:



#2042A Anvil 2.7mm Hollow



#2042AN Anvil Narrow 2.0mm Hollow



#2042AW Anvil Wide 3.0mm Hollow



#2042EA Short Anvil for Eyewire Punch



#2042P Hinge Screw Ejector



#2042EP Eyewire Screw Ejector



#2042AS Solid Anvil



#2042PC Cupped Point



#2042PF Flaring Point



#2042PS Slotting Point

QuikFix Rivets – Optional (100 pieces)

Head 2.0mm, Stem 1.12mm diameter, Overall 8.1mm

#2042QFG "Gold"

#2042QFGM "Gunmetal"

#2042QFS "Silver"

Adjusting Pliers



Combo Round Chain Nose/Delrin Plier

A "must have" tool that is a dispensary favorite! Use it to adjust the angle of the end piece without marring the frame. The 8mm wide exclusive dovetail Delrin pad protects the frame surface. The round metal jaw tapers to a fine point to fit into tight spaces.



PJ
LINE



1012V Vinyl
1012 Guild



2012V Vinyl



2012F Foam



2012S Stainless

2012 Premium



3012V Vinyl

3012F Foam

3012 Budgettool



5112F Foam

5112 PJs



8012S Stainless

8012 MicroTool



1013V Vinyl
1013 Guild



2013V Vinyl



2013F Foam



2013S Stainless

2013 Premium



Combo Flat Chain Nose/Delrin Plier

The classic combo! Use it to adjust the angle of the end piece without marring the frame. The 8mm wide dovetail Delrin pad protects the frame surface. The flat metal jaw tapers to a fine point to fit into tight areas.



3013V Vinyl



3013F Foam

3013 Budgetool

Choose the custom grip that's perfect for you



Vinyl grip

Thin coating of non-slip vinyl for both comfort and sensitivity.



Foam grip

A light cushion of springy foam provides maximum comfort when applying a tight grip, when cutting a screw or bending a temple end.



Steel grip

Non-slip sculpted and polished steel grip for maximum tactile sensitivity when you want nothing to come between you, your tool and the frame.

Adjusting Pliers



Wide Jaw Angling Plier

Best bet for adjusting pantoscopic tilt and temple angles on all types of frames. Opens extra wide to accommodate large temples and hinges. The recessed hole in each jaw protects the hinge screw.



1009V Vinyl
1009 Guild



2009V Vinyl



2009F Foam



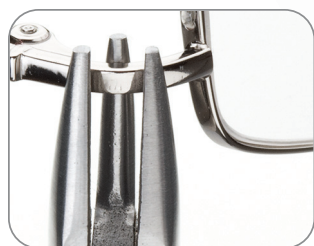
2009S Stainless

2009 Premium



3009F Foam

3009 Budgetool



2019V Vinyl

2019 Premium

Tri-Angling Plier

Are you having trouble adjusting nylon cord rimless? Does the cord pop out of the lens' groove as you adjust the temple? The Tri-Angling Plier is the perfect tool for adjusting the temples without putting pressure on the endpiece. Use a piece of cellophane tape to protect the frame surface and then safely bring temples in or out without stressing the nylon cord or lens. An excellent tool for adjusting delicate corners or reshaping a clip-on to conform to the frame.



Enhanced
Design

1045V Vinyl
1045 Guild

Finger Piece Plier

Securely grip the hinge or end piece on a metal frame to modify the temple angle for proper pantoscopic tilt. Lock onto metal temples with the opposing grooves in the jaws to make adjustments. Also used to grip the front of a plastic frame that has a shield. Recessed holes in the jaws protect the hinge screw.



2045V Vinyl

2045 Premium



2045F Foam



8045S Stainless

8045 MicroTool

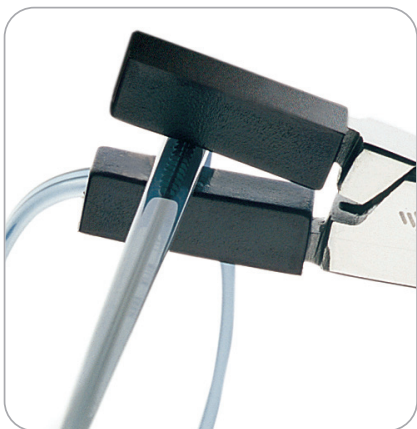


5145F Foam

5145 PJs



Bracing Pliers



Double Delrin Jaw Plier

Use to grip plastic or metal frames when bending temples or altering the eyewire. Superior Delrin pads are only 8mm wide, allowing you to get into restricted spaces. The pads are dovetailed so replacing them is quick and easy.



1015V Vinyl
1015 Guild



2015V Vinyl



2015F Foam

2015 Premium



3015V Vinyl

3015F Foam

3015 Budgetool



5115F Foam

5115 PJs



8015S Stainless

8015 MicroTool

Wire Bracing Plier

Non-marring jaws are grooved for a tight grip while bracing and adjusting round wire frame components and round metal temples. Great for bracing rimless while making adjustments and adjusting some pad arm styles. The Guild style features two groove diameters: 1mm and 2mm. Premium is single grooved.



1008V Vinyl
1008 Guild



Special
Price

2008V Vinyl
2008 Premium



2037V Vinyl 2037F Foam
2037 Premium



Bridge Reducing Plier

Three jaws engage the bridge from above and below for extreme bridge reduction. Use to create a more comfortable fit and to reduce the PD. Useful for bending the eyewire to alter the base curve. For metal and plastic frames.

Chain / Snipe Nose Pliers



Long Nose Chain Plier

Flat and smooth inside, rounded outside, these jaws are tapered to a fine point for shaping and bracing. Adjusts bridges, pad arms and temples, or simply makes picking up a screw easy.



1040V Vinyl
1040 Guild



2040V Vinyl



2040F Foam



2040S Stainless

2040 Premium



5140F Foam
5140 PJs



3040V Vinyl



3040F Foam

3040 Budgetool



8040S Stainless

8040 MicroTool



2039V Vinyl
2039 Premium



3039V Vinyl
3039 Budgettool

Curved Long Nose Chain Plier

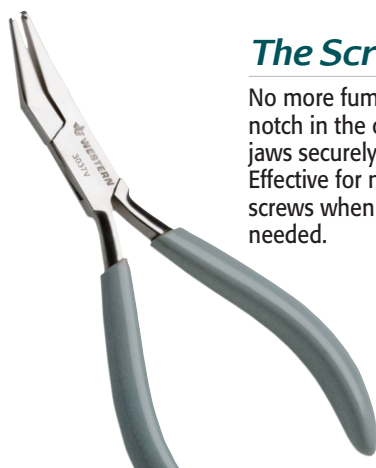
A classic general-purpose plier with curved jaws that taper to a fine point. Ideal for gripping in hard to reach areas.



3036V Vinyl
3036 Budgettool

Round/Round Nose Plier

Designed for making a wide variety of nose pad arm adjustments and for bending circular shapes. Both jaws are round and taper to fine points.



3037V Vinyl
3037 Budgettool

The Screw In-Forcer

No more fumbling with screws! A slotted notch in the curved tip of the finely tapered jaws securely grips the head of any screw. Effective for nose pad and spring hinge screws when extra downward pressure is needed.



3041V Vinyl
3041 Budgettool

Chain Nose Plier

Traditional length jaws are flat and smooth inside, rounded outside and taper to a fine point for shaping and bracing. Adjusts bridges, pad arms and temples, or simply makes picking up a screw easier.

Cutting Pliers for Hard Metals

Enhanced
Design

Concorde Tungsten Carbide Cutters

These "top of the line" cutters combine tungsten carbide steel cutting tips with military grade superior tensile-strength stainless steel. Comfortable foam covered extra leverage handles provide precise control for nearly flush cuts. 13mm wide cutting edge and 6-1/2" long.

CONCORDE #5024F

End Cutting Plier for Hard Metals

CONCORDE #5026F

Side Cutting Plier for Hard Metals



5024F Foam
5024 Concorde



5026F Foam
5026 Concorde



Side view of 5024 and 2025

Oblique Head End Cutting Plier for Hard Metals

Slices through stainless steel and other hard metals. The 22mm cutting edge is angled and tapered to a fine point for close cuts without damaging the frame. Made of tempered carbon stainless steel.



2025V Vinyl

2025F Foam

2025 Premium



Side view of 2024 and 3024



Oblique Head End Cutting Plier

This heavy-duty cutting plier has a 24mm long cutting edge. The head tapers to a fine point to cut screws flush in restricted areas. Use on soft metals and plastics only.



2024F Foam
2024 Premium



3024V Vinyl 3024F Foam
3024 Budgetool

Western says: "Know Your Cutting Pliers!"

Protect your investment in quality tools by observing their tolerance. A tool that is properly maintained should last you through many years of use.

Check the cutting edge. Nicks, chips or scratches indicate that your cutter is being used to cut something harder than it is supposed to cut.

Check the handles using no pressure. If the distance between the handles has decreased with use, too much force is being applied to the cutter. The material being cut is either harder or of a larger gauge than the cutter can handle.

Beveled cutter blades are more durable and produce more cuts over the life of the tool than a flush cutter. However, a bevel cut is not as close as a flush cut and leaves a more pronounced edge, or spike, on the cut screw ends.

Flush cutter blades provide a minimal edge, or spike, on the cut end of the screw. Flush cutters require less pressure to make a cut than a bevel cutter. The life of a flush cutter is shorter than that of a beveled cutting plier.

Side Cutting Plier

The narrow 15mm cutting edge and side cutting action gives easy access to hard to reach screws. Use only on soft metals and plastics.



2026V Vinyl



2026F Foam

2026 Premium



1026V Vinyl

1026 Guild



3026V Vinyl



3026F Foam

3026 Budgetool

Narrow End Flush Cutting Plier

Cutting the excess length from rimless compression tubing is easy and safe with the 5mm wide head. Rounded jaws prevent scratching the lens. Not recommended for use on metals.



1027V Vinyl



1027F Foam

1027 Guild

Which Deblocking Plier is right for you?



Match up the dimensions of the raised hub on your block to the inside dimensions of the plier jaw (stated with each plier style). As various edgers use blocks from a range of suppliers, matching dimensions is the best way to determine the plier that is suitable for you. Every plier has a tension screw to adjust the grip on the block.



Deblocking Plier for Block Hub 15.75mm x 12mm

2001V Vinyl

2001F Foam

2001 Premium



Deblocking Plier for Block Hub 12mm Round

2002V Vinyl

2002F Foam

2002 Premium 2003



Deblocking Plier for Block Hub 15.5mm x 14.25mm

2003V Vinyl

2003F Foam



Deblocking Plier for Block Hub 15mm Round

2005V Vinyl

2005F Foam

2005 Premium 2006



Deblocking Plier for Block Hub 15mm Round with Metal Cap

2006V Vinyl

2006F Foam

Eyewire / Flaring Pliers

Eyewire Forming Plier

Delrin pads gently but firmly shape the metal eyewire to conform to the base curve of the lens. Safe to use on polyamide or lightly warmed plastic frames. Exclusive screw-free dovetail pads eliminate the bother of replacing screw-on type pads and the possibility of the screw marring the frame.



1010V Vinyl
1010 Guild



2010V Vinyl

2010 Premium



2010F Foam

NEW
Eyewire Press
page 30

Narrow Eyewire and Bridge Forming Plier

The classic six base eyewire forming pad has been reconfigured to a narrow 15mm width for smaller frames. The diminutive Delrin jaw can be used to adjust the eyewire curve, alter the bridge size or adjust temple tips.



1011V Vinyl
1011 Guild

Screw Flaring Plier

A quick and easy way to flare the end of a hinge screw to keep it from coming out of the hinge. A sturdy, sharp point flares the end of the screw while the hole on the opposite jaw protects the screw head. Prevents lost screws and eliminates patient and dispenser inconvenience.



1044V Vinyl
1044 Guild



2044V Vinyl
2044 Premium



5027F Foam
5027 Concorde

Lens Splitting Plier

Removes display lenses from rimlon frames in a snap!



Sizing and Screw Inserting Plier

While holding the eyewire closed, you can easily insert and tighten the eyewire screw. This time saving plier reduces the possibility of damage to lenses or frames by keeping the screwdriver from slipping off the eyewire screw head.



1006V Vinyl
1006 Guild



Eyewire Closing Plier

Also known as a "sizing plier", this tool allows you to confirm proper lens size and shape by closing the eyewire without inserting the screw. Pointed jaws will not damage the eyewire screw barrel. Guild and Premium styles feature replaceable points.



2007V Vinyl
2007 Premium



2028V Vinyl

20mm



2028F Foam



2029V Vinyl

25mm



2029F Foam

2028 Premium 2029

Lens Turning Plier 20mm & 25mm Curved Pads

Western keeps improving on the classics. The traditional lens turning plier or axis aligning plier is now equipped with either 25mm or 20mm round pads for smaller eyesizes. The new style pads also feature matching four base curves to reduce stress on the center of high minus, thin center lenses. The pads encapsulate the metal mounting bracket and their movement is restricted so there is no opportunity to accidentally scratch lenses. Accommodates lenses up to 90mm diameter.

Nose Pad Adjusting Pliers

Round/Flat Nose Plier

Known also as a "half round" or "looping plier", this tool has many applications. The most popular use is for adjusting "American" pad arm curvature and nose pad height.



1014V Vinyl
1014 **Guild**



2014V Vinyl



2014S Stainless

2014 **Premium**



3014V Vinyl



3014F Foam

3014 **Budgetool**

Nose Pad Inserting Plier

Stop hurting your fingers by forcing a push-in style nose pad into the box. Use this plier to gently pop the pad into place without moving either the nose pad or pad arm out of position.



8031S Stainless

8031 **MicroTool**



Nose Pad Popping Plier

Quick, easy and secure way to remove push-in nose pads without changing position of pad or arm.



8032S Stainless

8032 **MicroTool**



Pad Arm Curving Plier

Put the curve back in nose pad arms in one squeeze. One jaw is concave and the other jaw fits inside so pressing the pad arm between the jaws instantly creates the proper pad arm curve.



2016V Vinyl

2016 **Premium**



Nose Pad Adjusting Pliers



1030V Vinyl
1030 Guild



2030V Vinyl



2030F Foam



2030S Stainless

2030 Premium

Nose Pad Adjusting Plier

The secure way to safely and easily adjust all types of nose pads. The cupped jaw for cradling the pad is matched to a slotted jaw for securely bracing the nose pad box and arm. Makes repositioning the nose pad easy. All models are specially configured for Hilco Logic® nose pads.



3030V Vinyl



3030F Foam

3030 Budgettool



2035V Vinyl

2035 Premium



8030S Stainless

8030 MicroTool

Combo Pad Arm/Nose Pad Adjusting Plier

Nose pad and nose pad arm adjusting tool all in a single plier. Specially designed jaws safely grab and adjust the nose pad and box. The unique jaw tips securely pinch the interior and the exterior of the pad arm to adjust its curvature.

Rimless Done Right



Screwless Rimless Compressing/Bracing Plier

The master plier for assembling, tightening and bracing the screwless, rimless compression frames. Opposing Delrin jaws are dual grooved to cradle the metal and plastic components on both the horizontal and vertical axis, minimizing the risk of slipping and scratching the lens.

One jaw pivots to compensate for base curve so the post and tubing compress in unison. Opens extra wide for thick lenses.



Screwless Rimless Compressing Plier – Laboratory Use

Constructed to withstand the extra pressure of the initial assembling of compression rimless frames. Stationary Delrin jaws are dual grooved to cradle the metal and plastic components on both the horizontal and vertical axis, minimizing the risk of scratching the lens. Finger bracing handle is designed for squeezing without slipping.



2034V Vinyl

2034F Foam

2034 Premium



Narrow End Flush Cutting Plier

Cutting the excess length from rimless compression tubing is easy and safe with the 5mm wide head. Rounded jaws prevent scratching the lens. Not recommended for use on metals.



1027V Vinyl

1027F Foam

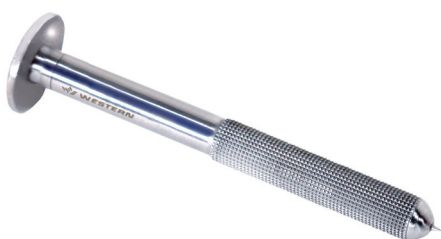
1027 Guild



2089

Rimlon Harpoon

For easily removing/inserting the rimlon cord out from/into the lens groove.



2085

Rimless Tube Refresher

The squeezing action of a tube cutter collapses the end of the tube making it difficult to get the posts into position prior to compressing. Inserting the metal point of the Tube Refresher re-establishes the proper inside dimensions and makes inserting the post easier. 3-1/2" long.





Rimless Post Pulling Plier

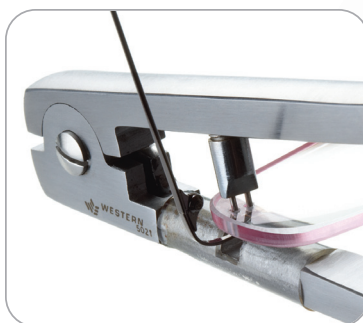
Safely disengages the bridge and temple from compression rimless lenses. Prevents lens breakage that results from the attempt to extract the post and tubing by hand.



2020V Vinyl
2020 Premium

Post Pushing Plier

Easily and safely extract the post and tubing from a compression rimless lens! This simple to use tool combines tremendous pressure delicately and effortlessly applied to gently push out the post and tubing from the holes. Will not mar frames. Pins pivot easily to accommodate horizontal and vertical mounting systems. 7-1/2" long. #5021P1 optional single pin holder available.



5021S Stainless
5021 Concorde



Rimless Tube Stripper

Effortlessly remove compressed tubing from compression posts on rimless frames. Cutting blade gap is adjustable so you cut through the tube without biting into the metal post. Slot in jaw aids in removing cut tube from post.



3027V Vinyl
3027 Budgetool



1016V Vinyl
1016 Guild

Rimless Bracing Plier

Fearlessly adjust a screw and nut rimless mounting without cracking the lens! Our exclusive dovetail Delrin padded jaw has a channel that holds the screw head without scratching the lens. The slotted metal jaw securely grips the glass screw at the retaining nut. With the mounting held firmly you can safely adjust the end piece, the temple, or the bridge.

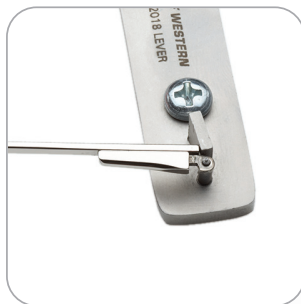


Spring Hinge / Temple and Barrel Pliers / Plier Parts

Spring Hinge Plier Kit

This is the one that works! This simple to use tool set allows you to extend the spring hinge barrel to hold it in the open position. The self-locking plier makes it easy to align the temple with the frame front and insert the hinge screw. Single handedly assemble those frustrating spring hinge frames in seconds.

For the ultimate in convenience use the Universal Nut and Screw Grabber (#5070 and #5075) to easily insert the hinge screw into the barrel.



Enhanced
Design

2018S Stainless
2018 Premium



2004F Foam
2004 Premium



Temple Bending Plier

A range of stepped Delrin plastic arcs aid you in easily curving end pieces on temples. Obtain the most comfortable and individualized bend for your patient.



2033V Vinyl
2033 Premium

Barrel Aligning Plier

Quickly straighten bent barrels and correct the spacing so barrels align properly.

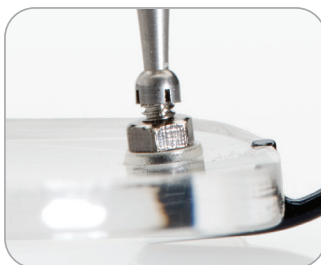
Replacement Parts for Pliers

See our website for a full selection of replacement pads and parts:
www.westernoptical.com





2087



Screw Finishing Tool

A few twists of the cupped cap rounds off the ends of cut screws. Made of hardened carbide steel permanently mounted in a carbon steel nickel plated handle. Maximum screw diameter 1.6mm. Use to smooth the ends of cut temples smaller than 1.6mm in diameter.



2086

Lens Harpoon

Use when deburring, smoothing or tapering a hole in rimless mounted lenses to prevent chipping. Diamond tipped conical point mounted in a carbon steel nickel plated handle.



2088

The Swarf Removal Tool

Unique tool for removing the residue resulting from edging polycarb and Trivex lenses. Curved edges help keep the scrapping blade balanced on the edge of the lens. Fine, squared tips for cleaning out the groove of a nylon cord rimless. The Swarf is made in the USA of spring steel mounted into a carbon steel nickel plated handle.

Optician's Files

A Pillar File – "General purpose" file for working on flat plastic frame surfaces. Fine cut, 8" long.

#2070

B Round Rat Tail File – Use for reaming holes in rimless mountings, etc. Fine cut, 5-1/2" long.

#2072

C Screw Head Slotting File – Create a screwdriver blade slot in the head of a marred screw. Fine cut, 4-3/8" long.

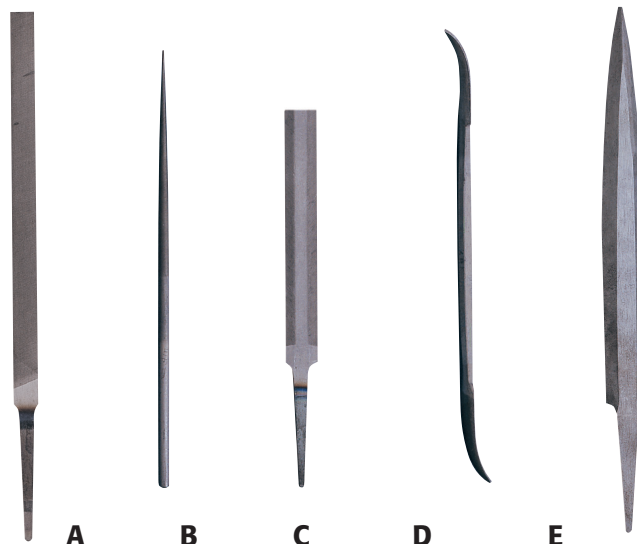
#2074

D Screw Finishing File – Use for smoothing the end of screws. Tip comes to a fine point and is angled for easy access in hard to reach places. Medium cut, 6-7/8" long.

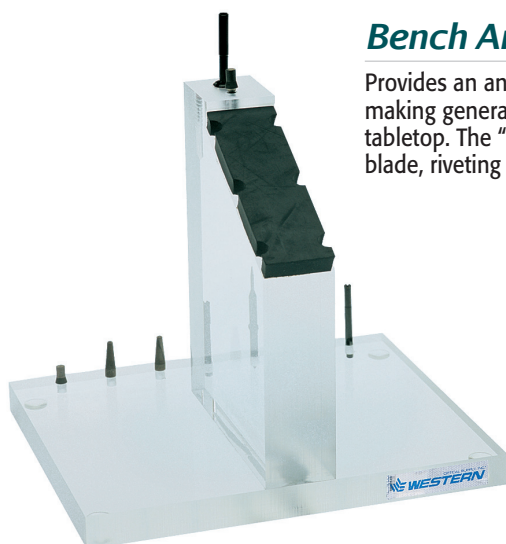
#2076

E Zylonite File – Use to alter the angle of the temple to the end piece on plastic frames. Coarse cut on wide side while beveled edges are smooth to prevent damage to eyewear. 7-1/2" long.

#2078



Bench Aids, Eyewire Press, Hammer and Screw Fluid



2101

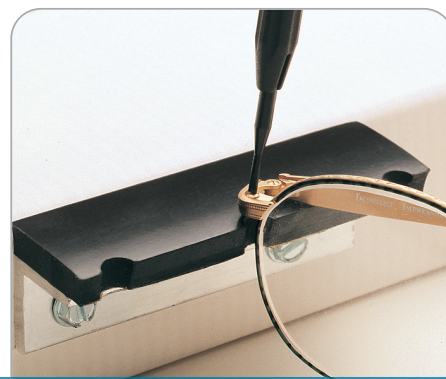
Bench Anvil Kit

Provides an angled, comfortable surface on which to place a frame when inserting eyewire, hinge screws or making general repairs. Stop hunching over a rubber bench block and begin working comfortably from your tabletop. The "third hand" feature of the Bench Anvil includes three nut wrenches, one Phillips/flat screwdriver blade, riveting and cupping points, and solid anvil. 6"w x 5"h x 5"d.

Rubber Guard Bench Block

Rubber guard protects eyewear and countertops from damage while making frame adjustments. Screws provided for mounting. 3" long.

#2100

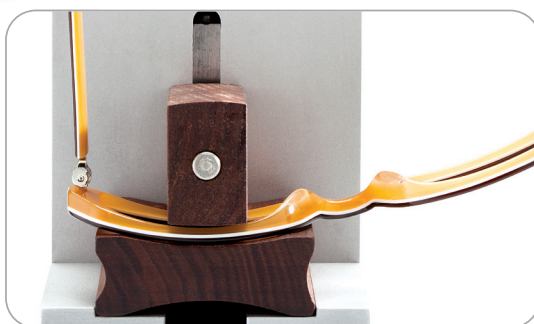


2100

NEW!



7080



Eyewire Curving Press

The ideal way to perfectly mate the curve of the eyewire to the base curve of the lens bevel. The ECP presses the curve simultaneously in the same place on the top and bottom of the eyewire. Place the eyewire between the matching 6 or 9 base curved blocks and screw closed. Tighten less for other variations in base curves. The ECP is also used to narrow the bridge for a better fit and to reduce the frame DBL. 3"w x 7.5"h x 3.25"d.



2102

Riveting Hammer

Classically constructed with a hardwood handle and forged steel head. 9-3/4" long and 3" head.

Screw Loosening Fluid

Got a screw set in so tightly that you are afraid that any more pressure will strip the screw driver slot and create more problems?

Try a drop of this specially formulated screw loosening fluid.

The fluid is designed to flow between the threads to make it easier to break the bonds. 6cc applicator.



4110



2174

Dispensing Tool Case

Easily holds twelve pliers in addition to lens clock, files and five drivers. Velcro strips hold pliers in place. Pockets hold lens clock, files and drivers. Zipper closure and convenient carrying handle. Tools not included. 21-3/4" w x 12" d open.



Compact 3-1/2" w x 12" h
when closed

2172

Canvas Tool Pouch

A compact case designed to comfortably hold six pliers and plenty of drivers and small parts. Made of sturdy canvas with a hand carrying strap. Measures approximately 13-3/4" w x 12" h when open and only 3-1/2" w x 12" h when rolled closed. Tools not included.



2176

Acrylic Tool and Screw Rack

Get organized with our functional and attractive countertop rack. Holds pliers, drivers, files, rules, lens clock and eight vials of screws, blades, etc. Clear acrylic. Tools not included. 11" w x 6" h x 6" d.



2178

Magnetic Tool Bar

Reclaim valuable counter space by utilizing our stylish white and silver tool bar. Strong magnetic grip holds tools securely. Mounting screws provided. Tools not included. 12" long.



2184

Tool Magnetizing Tower

Totally Cool! Charge Your Tool! The steel used to make pliers and driver blades cannot be permanently magnetized. Western's TMT is the easy and efficient way to continuously provide a magnetic charge to drivers, tweezers, pliers and the Universal Nut and Screw Grabber to pick up those small screws and findings that are attracted to a magnet. Holds 12 tools (not included). Measures 2-1/2" h x 3" diameter. A Western exclusive!

Measuring Instruments



2060WM

Wide Mouth Lens Caliper

Measures up to 25mm thick lenses in 1/5mm graduations. Easy to calibrate. Precision constructed of stainless steel and brass. 7-1/2" long.



2068BT

Ball Tipped Lens Clock

A great buy! Provides precise curvature measurements on glass and plastic lenses. Rounded steel tips prevent scratched lenses. +/-20 diopters. Adjustable calibration.



2068

Gem Tipped Lens Clock

Provides precise curvature measurements on glass and plastic lenses. Ball tipped with rolling sapphires to prevent scratched lenses. +/-20 diopters. Adjustable calibration.



2060

Lens Thickness Gauge

Constructed of corrosion resistant brass and stainless steel. Has extra deep and extra wide jaws for use on lenses up to 86mm in diameter and 15mm thick. Scale is in 10th millimeter increments. Soft spring and Delrin tipped jaws protect lens material. 7-3/8" long.

Enhanced Design



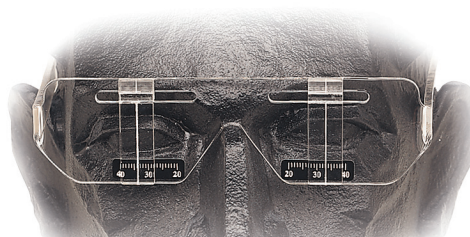
2062A

Rx Verifier

Use the removable grid on the clear acrylic background to measure seg heights, binocular PD and verify that the segs are straight.

Monocular Manual Pupilometer

A quick way to take accurate measurements of a patient's monocular and binocular interpupillary distance (PD). The higher the prescribed lens power, the greater the need for precise PD measuring. Reduces costly do-overs due to inaccurate measuring. All polycarbonate construction. Complete with easy to follow instructions.



2061



The DigiOmeter Digital Pupilometer

The DigiOmeter provides digital accuracy when measuring interpupillary distance (PD). Measurement options include PD and right/left monocular distance. This instrument measures the distance between the pupils focusing on the light spot reflecting off the patient's retina. Using a highly accurate linear sensor, the reflection is bisected vertically to take the reading. This pupilometer features an easily visible wide-angle LCD numeric readout. It's easy, user friendly function eliminates operator error and increases measuring accuracy.

SPECS

Data range: Binocular PD 46-82mm, Monocular PD 23-41mm
 Distance Range: 300-infinity
 Indication, Rounding and Asymmetric Error: <.5mm
 Power Source: DC6V (four AA batteries)
 Automatic Off: After 2 minutes on standby
 Size: 232mm length x 163mm width x 71mm height
 Weight: 28 oz.

PD Rules

A 7" Dispensing PD Rule – Millimeter markings read in the same direction for accurate seg height and PD measurements. 7-1/4" long by 11/16" wide.

#2063

B 6" White Plastic PD Rule – Sturdy white plastic with both millimeter and inch scales in black. Beveled for comfort. 6-1/4" long by 37/64" wide.

#2064

C 7" Laboratory Millimeter Rule – The ends of this rule are notched for easy and accurate eyewire readings. White numbers on red field run in opposition so that the rule always reads in the correct direction. Increases accuracy and eliminates fumbling. 7-1/4" long by 11/16" wide.

#2065

D 6" Stainless Steel PD Rule – Flexible steel with engraved millimeter scales. Tapered end fits into eyewire groove for accurate readings. 6-1/4" long by 15/32" wide.

#2066

E The PD Extender – Accurately measures bifocal placement from the pupil to the lowest point on the eyewire. Great for taking box measurements. Minimizes miscommunication with the lab. Clear plastic with black scale. 7" long.

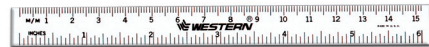
#2067/5 (set of five)

F PD³ Multi-Rule – Three rules PLUS a pinhole occluder. Use the scales on this rule to measure binocular PD, monocular PD, seg height, bridge, DBL of frame and eyewire A and B dimensions. A pinhole occluder tests visual acuity. 7-3/8" long by 1" wide.

#2069



A



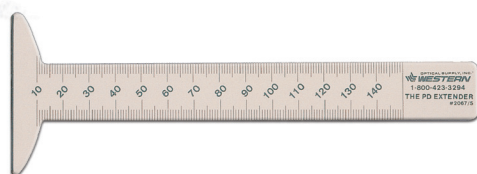
B



C



D



E



F

Frame Warmers



3-Year
Warranty

2400 – 2450

PrimeAir Frame Warmer

Compact and quiet unit delivers a blast of heated air to your frame moments after activating the solid-state electronics. Full temperature and air speed range allows you to use the proper heat setting for trouble free adjustments. Includes hot air concentrator for spot heating on frames. 3-year Warranty. Made in Italy.

Specifications:

Temperature range: 180° F to 350° F

Air speed: Variable

Voltage: 115 volt **Watts:** 1000 **Amps:** 9

Dimensions: 8"w x 8-1/2"h x 5-3/4"d

#2400

PrimeAir Basic Warmer

Same great features and quality construction as the PrimeAir but without continuous variable air speed control.

#2450

PrimeAir

Hot Box Frame Warmer

The industry favorite for over 25 years! Its flawless performance, proprietary design and construction have made it the most popular frame warmer in America. New injection molded housing for a smaller footprint on your counter.

Hot Box Frame Warmer features:

HOT: Maximum temperature 400°F.

BIG: Inner pan dimensions 9"w x 2-3/4"h x 5"d.

CLEAN: Recessed pan is sealed in place so that glass beads or salt will not spill on countertop.

LONG LIFE: Electrical components are shielded from contamination by bead or salt spills.

PLUS: Adjustable temperature control, indicator light, 4' grounded power cord and rubber feet.

Voltage: 115 volt **Watts:** 200 **Amps:** 1.75

Dimensions:

10-5/8"w x 4-1/4"h x 6-1/2"d.

#2500

#2500Export (220 volt)



2500



#2600



#2650

Glass Beads

The clean way to evenly transfer heat to frame surface. Each five-pound container fills the Hot Box to the proper level.

#2600 Regular

#2650 Extra Large 2.0-2.3mm

90 Day
Warranty



4045

Aqua-Sonic Ultrasonic Cleaner

Industrial power in a small package. Complete with a three minute automatic shut-off timer and stainless steel bath. 42,000Hz energy wave output frequency at 35 watts. ETL approved. Outer housing: 5-1/2"w x 5"h x 8"d. Bath: 3-3/4"w x 1-5/8"h x 6"d. 115 volts.



Dual Lens Clamps

Stainless steel and high temperature Delrin are combined for ease of use and long life. Spring loaded to simplify insertion and removal of lenses. 7" long.

#6055 Black

UV Lens Clamp

Use solely in your UV dye bath to prevent contamination. 7" long.

#6056 White



4042

Biodegradable Ultrasonic Cleaning Solution

Ultrasonic cleaning units perform more effectively and efficiently with this biodegradable cleaning agent. Removes dust, dirt, oil and residue from lenses, bevels and spectacles. Frames and lenses do not need to be rinsed before drying. Use only a few drops per tank. 4 oz. concentrate.



GR8★ Tint Replacement Parts

Quart Stainless Steel Tank
4-1/4"w x 4"h x 6-7/8"d

#6058

Quart Stainless Steel Lid
4-1/4"w x 6-5/8"h

#6059

Precision Glass Thermometer
8-1/2" long.

#6066

Tank Spacer Bar
#6068

Illuminated Polariscope

Compact bench top model that you can hold in your hand. Use for viewing stress patterns in lenses or for determining polarity in polarized lenses. Operates using two AA batteries (included). 2-3/4"w x 2-3/4"h x 4"d.



7060

Shop Trays / Polishing / Patterns



Tray Tags

Disposable

500 white card stock tags. Use twice and discard. 3-1/4" w x 1" h.

#2114

Reusable

100 white plastic tags with dry erase marker. 3-1/4" w x 1" h.

#2115



Plastic Stackable Shop Trays

Extra sturdy laboratory/dispensing trays in six colors. Stacked trays interlock for secure transporting. Large tray tag slot for easy reference. Trays packaged 12 or 24 per single color case. 6-1/8" w x 1-5/8" h x 9-1/8" d.

Yellow	#2116/12
White	#2118/12
Black	#2119/12
Red	#2120/12
Green	#2122/12
Blue	#2124/12

Case of 12

Yellow	#2116/24
White	#2118/24
Black	#2119/24
Red	#2120/24
Green	#2122/24
Blue	#2124/24

Case of 24

Click 'n Stack Extra Deep Nesting Trays

These new trays interlock and can be used with conventional 6" x 9" trays. They are 2-1/4" deep to accommodate wrap-around eyewear and eyeglass cases. The base of the tray has indentations for capturing small parts.

Western's new Click 'n Stack tray nests one inside the other because the sides are removed for shipping. The tray is easily assembled by snapping the sides into place. Boxed 20 trays per color.

Available in five new contemporary colors:

Yellow	#2140/20	Green	#2146/20
White	#2142/20	Blue	#2148/20
Red	#2144/20		

Case of 20

Not returnable once assembled.



Polishing Rouge

Crystal Kleer Rouge

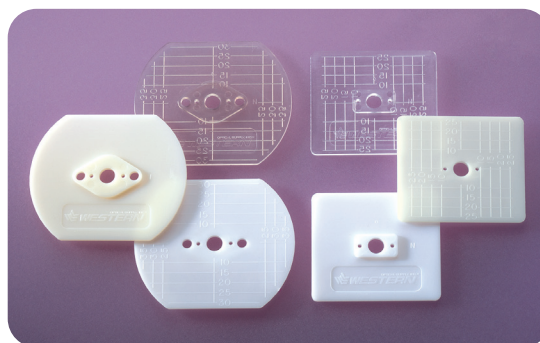
Rouge of choice for over 50 years for buffing out imperfections and polishing plastic frames. Traditional favorite for polishing the edge of plastic and hi-index lenses. 5" w x 1" h x 1" d.

#4106

Polishing Pad

Made of highly durable compressed felt. 6" diameter, 1/4" thick with 3/4" center hole.

#4097



Pattern Blanks

For all makes of automatic and manual pattern makers. Available in three types of quality virgin material and in two sizes. All patterns have raised millimeter markings. Materials can be cut clean by pattern maker cutting blade, router blade or by using hand shears. Large: 63mm x 54mm x 1.65mm
Oversize: 80mm x 65mm x 1.65mm

Clear Styrene – Large / Oversize

Facilitates tracing of lens or eyewire from a paper pattern.

#4000 Oversize (pkg. 100)

#4001 Large (pkg. 100)

Industrial Strength – Large / Oversize

Natural color virgin ABS plastic. For edgers with heavy head pressure or for patterns that will be used repeatedly.

#4002 Oversize (pkg. 100)

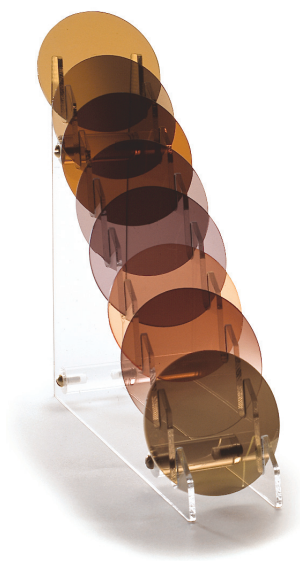
#4003 Large (pkg. 100)

Original Material – Large / Oversize

White virgin, high impact styrene. Will not crush or bend when used on edgers with normal head pressure.

#4004 Large (pkg. 100)

#4006 Oversize (pkg. 100)



Lens Ladder

Clear acrylic steps for 8 lenses in a compact area. 1-7/8" w x 7-3/4" h x 7-1/4" d. Lenses not included.

#10039

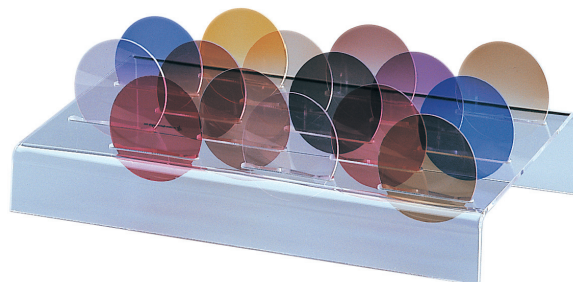


Table Top Tint Tray

Convenient size fits everywhere and displays 15 easy to remove lens samples. Polished clear acrylic. 12" w x 2" h x 6-1/2" d. Lenses not included.

#10044



Jacob's Ladder

Stepped clear acrylic riser for 10 lenses. Lenses are offset to show each one individually. 3-5/8" w x 9-1/2" h x 9-3/4" d. Lenses not included.

#10037



Wall Mounted Tinted Lens Display

Display 17 lenses on a white background. Measures 16" w x 14-3/4" h. Lenses not included.

#10030



Eyefull Tower Rotating Tinted Lens Display

Displays 32 lenses in only 8" of counter space. Rotating tower measures 15" h x 8" diameter. Lenses not included.

#10032

Frame Tray / Wall Displays / Dispensing Mirrors

Frame Storage Trays

The perfect tray for presenting eyewear and storing extra inventory. Trays interlock for secure stacking and handling. Unique design and extra depth prevents eyewear from being crushed. Made of heavy gauge, textured white plastic.

Fifteen Pocket Frame Storage Tray

19-3/4" w x 1-5/8" h x 12-1/2" d.

#10066

Ten Pocket Frame Storage Tray

13-1/2" w x 1-5/8" h x 12-1/2" d.

#10067



Make Your Own Displays!

Western Optical offers the solution to "do-it-yourselfers" with our individual eyewear support. Eyewear supports are made of transparent, non-yellowing acrylic. Our unique design holds the frame upright and centered to give your displays a professional and orderly appearance. Easily and quickly bonds to a background sheet of acrylic.

Eyewear Support (pkg. 50)

#9004



Acrylic Dispensing Mirrors

Table top mirrors are stable, shatterproof and positioned at the optimal viewing angle. Hand held mirror is comfortably balanced. Sleek, affordable and functional.

Acrylic Dispensing Mirror

Single pane of mirrored acrylic. 8" w x 11" h x 5" d

#10052

Hand Held Acrylic Mirror

Light weight, designed for comfort with a generous field of view. Will not shatter if dropped. Mirror face measures 7" w x 8" h. Overall length is 12-1/2".

#10053

Beveled Glass Dispensing Mirror

This exclusive design provides your patients with a tremendous field of view in a compact space. Constructed of beveled glass mounted to a shiny black acrylic background. This beautiful mirror is angled for comfortable viewing and balanced for stability. Rubber feet protect your table's surface from scratches. 9" w x 11" h x 5-1/4" d.

#10056B/2 two pack



"Twisters" Wall Mounted Displays

New "Western-Eyes" Twisters Eyewear Display Line

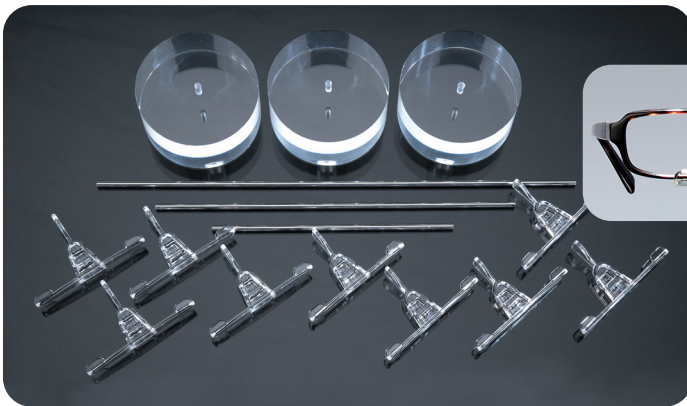
MAXIMUM Versatility/Minimum Price

After 39 successful years of manufacturing eyewear displays for the dispensary, we've reinvented ourselves with *Twisters* eyewear displays. So innovative it was awarded US Patent #8,328,028.

Gone forever are the high prices of bulky displays, huge freight charges and displays damaged in transit.

Twisters are the erector set of eyewear displays. Create entire walls or single pedestals in moments. The support has a patented mechanism that allows *Twisters* to be mounted anywhere on any 4mm (5/32") diameter rod. *Twisters* are easily repositioned to suit aesthetics, cleaning or inventory.

The "Western-Eyes" line introduces *Twisters* in a series of kits. Each kit includes an acrylic holder, 4mm silvered rods of various lengths and a supply of *Twisters*. Unpack, assemble and enjoy! Rearrange *Twisters* at any time.



"Western-Eyes" Twisters Display Module

This modular kit allows installation of an extended temple eyewear display virtually anywhere. Use as a single display or in multiples, to create an entire wall of eyewear. Arrange the modules in any pattern to reflect the style of your eyewear inventory and decor.

Each module consists of a pair of acrylic mounting brackets, a 24" silvered 4mm rod and 9 Twisters. Screw mount the brackets to the wall, secure the rod into the brackets and arrange the Twisters as desired along the length of the rod.

Elegant, yet inexpensive and the ultimate in versatility!

#9160

"Western-Eyes" Display Components

#9100 *Twisters* Eyewear Support (pkg. of 50)

#9150 Acrylic Mounting Display Brackets (pair)

"Twisters" Free-Standing Displays



Disk-Play Kit

Three polished acrylic disks, three silvered rods and 9 Twisters allow the creation of displays as needs dictate. Try a 4-3-2 or a 3-2-1 combination of eyewear. Easy to assemble, disassemble and rearrange. Disks measure 3" diameter x 3/8"h. Silvered rods measure 6", 9" and 12".

#10080

Disk-Play Plus Kit

Features thick blocks of polished acrylic for an elegant look. Kit includes three round polished blocks of acrylic, three rods and 9 Twisters. Mix and match rod lengths and Twisters to fashion new display combinations. Easy to assemble and rearrange. Disks measure 3" diameter x 1-1/2"h. Silvered rods measure 6", 9" and 12".

#10085



Triangles Display Kit

Create an interesting focal point for a countertop or window display with these concentric triangles of highly polished acrylic. Two triangles nest together to form a single display or use separately. One triangle measures 6-3/4" per side and the other 3" per side. Includes four silvered rods 3", 6", 9" and 12" and 9 *Twisters*.

#10110



Clear Rail Display Kit

A platform of polished clear acrylic holds three silvered rods of varied heights. Kit includes 9 *Twisters* that can be positioned in any direction. Acrylic base measures 15-1/2"w x 2"d x 3/8"h. Silvered rods measure 6", 9" and 12".

#10090



Tier Stands

Tabletop favorites designed to show eyewear with temples extended or folded. Easily transform shelves, cabinets, counters and windows into interesting and functional merchandising areas. Instantly increase your display space. Clear acrylic.

One Tier
4-1/2"h
#10057

Two Tier
7-1/2"h
#10058

Three Tier
10-1/2"h
#10059

Four Tier
13-1/2"h
#10060



Bleachers

Your featured eyewear becomes little "spec"tators in these stands. Stepped countertop display highlights sets of eyewear. Useful for providing a high concentration of frames in a limited space. A vibrant way to beautify and expand your display area.

Bleachers I
3-1/2"w x 4"h x 4"d.
#10075

Bleachers II
3-1/2"w x 4"h x 4"d.
#10076

Bleachers III
3-1/2"w x 5"h x 6-1/2"d.
#10077

Bleachers IV
3-1/2"w x 6"h x 8"d.
#10078

Terms

There is a \$25.00 minimum merchandise order. Prices listed are for merchandise only and do not include shipping charges or tax (if applicable). Prices subject to change without notice. Prices are in US dollars.

Guarantee

Western Optical Supply, Inc. guarantees that you must be totally satisfied with every product you purchase or you may return it, freight prepaid in its original condition, within 10 days of receipt for a merchandise refund or credit. Please telephone our office for return authorization approval.

Warranty

Western Optical Supply, Inc. warrants our products to be free of defects in material and workmanship. If upon receipt of merchandise the product is found to be defective it will be replaced at no charge. After this initial period, our obligation under this warranty is limited to repair or replacement of any part or entire unit at our option for a period of one year from date of delivery, unless otherwise stated.

This warranty does not apply to normal wear. The warranty does not include cost of inconvenience, property damage, misuse, abuse, accident or similar incidents. Warranty may be voided if product is tampered with or repaired by unauthorized persons and does not apply to any item that is abused or not used for its intended purpose.

Product Names

All brand and product names are trademarks or registered trademarks of their respective companies.

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