

# **iQ Vise™**

ARTICULATING BALL TIGHTENS AND LOOSENS  
FOR QUICK AND INFINITE POSITIONING

## USER MANUAL



Watch iQ Vise  
video instructions



**WARNING:** TO AVOID DAMAGE,  
READ USER MANUAL PRIOR TO USE.

**WORK*iQ***  
TOOLS™

# THE WORLD'S MOST VERSATILE VISE.™



Designed for the DIYer and tradesperson who tackles multiple types of projects on any given day, the IQ Vise™ is the WORLD'S MOST VERSATILE VISE. The Quick Cam compression lever tightens and loosens the articulating ball for quick positioning for the perfect angle; this allows for infinite positioning for all your projects. You can use the IQ Lok Ball & Socket Lock Pin in 8 different working positions so the vise won't move even for projects that require higher torque values, up to 130ft-lbs. The jaws feature magnet-friendly steel jaw plates. The included double-sided IQ Vise Jaws™ — Flex-Fit™ provide upgraded functionality with textured rubber on one side for a firm grip on wood and other flat objects, and rubber grooves on the reverse side for securing pipe and a variety of shapes and sizes. Additional job-specific IQ Vise Jaws and IQ Connect plug and play accessories are also available to add to the IQ Vise System™. Unleash your creativity and potential with this versatile vise system designed to help you work... SMARTER. The IQ Vise from Work IQ™ Tools.

# QUICKLY ADJUST FOR THE PERFECT POSITION.



Wood Drilling



Axe Sharpening



Mower Blade Sharpening



Pipe Work



Bike Maintenance



Wood Carving



Knife Handle Forming



Chainsaw Repair



Lawn Equipment Maintenance

## THE ULTIMATE MULTI-FUNCTION IQ VISE JAWS.



**TEXTURED RUBBER FOR A FIRM GRIP ON FLAT MATERIAL**



**GROOVED RUBBER TO GRIP A VARIETY OF SHAPES AND SIZES**

## IQ VISE JAWS™ — FLEX-FIT™ (INCLUDED)

Flex-Fit Jaws give you the ability to secure many types of materials in all shapes and sizes. While the jaws of the IQ Vise work great for many projects, these Flex-Fit Jaws provide upgraded capability with a non-marring textured rubber on one side for a firm grip on wood and other flat objects, and 8 rubber grooves on the reverse side for securing tubular objects, small parts, and a variety of shapes and sizes. Whether you're cutting or drilling lumber, pipe, sharpening a mower blade or axe, or maintaining your bike, string trimmer, or chainsaw, Flex-Fit Jaws' gripping performance HAS YOU COVERED.

*Additional IQ Vise Jaws available, see page 5 for details.*



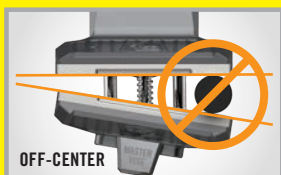
Locking Pins for task-specific IQ Vise Jaws safely hold and secure jaws for unlimited tasks.

# WARNING

The IQ Vise™ is a medium duty vise made from durable materials but it is not indestructible. If damage occurs to the vise, do not attempt to continue using it. Using a damaged vise increases the potential for damaging components and personal injury. You must carefully read and understand this information before proceeding with any installation. It is your responsibility to exercise caution during the use of this vise, especially when applying torque.

**DO NOT APPLY MORE THAN 130ft-lbs OF TORQUE AT ANY TIME.**

**CAUTION:** Maximum distance between jaws is 3.5 inches. Opening jaws wider than 3.5 inches reduces thread engagement and stability.



**DO NOT APPLY EXCESSIVE OR UNEVEN FORCE TO VISE JAWS.**

The uniquely large jaw shape allows for enhanced capabilities. However, this enlarged jaw does come with limitations. **Damage can result if uneven clamping force is applied (when clamped objects are off-center), or excessive clamping force is applied beyond the vise jaw's limitations.** In either scenario you will begin to notice flexing. Excessive flexing can lead to permanent damage. Keep these limitations in mind when using.

## INSTRUCTIONS

### MOUNTING THE VISE

Before installing, be sure the table or workbench has a square edge and is a solid mounting surface that can handle 200ft-lbs. Position vise in the reverse 45° position to prevent tipping forward and falling during installation.



Next, place the vise in desired location on square edge of a table or workbench. Mark the center point of the three mounting holes. Remove vise from location and use a 1/4" bit to drill the three holes. Place the vise back into position and install the three 1/4"-20 x 2-1/4" carriage bolts, washers, and nuts. Recommended torque of 40in-lbs using a 7/16" socket.



Position vise in the reverse 45° position during installation.

This vise was designed for a solid benchtop with no obstructive bracing. If attempting to install on a benchtop with obstructive bracing, 1/4" x 1-1/2" lag screws can be substituted in place of the carriage bolts provided. In case your benchtop is thinner than 1-1/2", a wooden spacer on the underside of the benchtop is recommended. (Lag screws not included)

# ARTICULATING BALL TIGHTENS AND LOOSENS FOR QUICK AND INFINITE POSITIONING

The base of the vise consists of an articulating ball joint, Quick Cam™ Compression Lever, and IQ Lok™ Pin. The Quick Cam adjusts the clamping force of the socket to hold the articulating ball and shaft in place. Once the desired position is attained, the user can simply pivot the Quick Cam down to hold the ball joint in place, and up to allow movement. The Quick Cam force can also be adjusted by turning the Quick Cam under the base. For high-torque applications the IQ Lok Pin should be used with the Quick Cam engaged for maximum hold. Reference the guidelines on the ball to indicate which positions will allow the IQ Lok Pin to intersect the ball and socket and lock it in place. There are four vertical locking positions and four horizontal locking positions. There are three holes in the base for the IQ Lok Pin. The first hole, indicated by an unlock symbol, is where you can store the pin when not in use. The other two holes are for locking the ball within the socket and are indicated by a horizontal or vertical line for the position intended. If the IQ Lok Pin doesn't go in smoothly, ensure the Quick Cam is unlocked and reposition ball and socket while trying to insert the IQ Lok Pin. Caution: do not use a hammer or try to force pin as damage to the pin or vise could occur.



Guide lines for IQ Lok Pin locking positions.



Quick Cam allows you to quickly position and reposition your vise again for faster and more efficient workflow.



The IQ Lok Pin intersects and locks the ball and socket base for high-torque applications.

## CARE & MAINTENANCE

This is a medium duty vise and should be treated as such. Heavy hammering or high amounts of force could cause the vise to fail. The high-quality coatings and platings provide enhanced corrosion resistance, but that does not mean that the IQ Vise™ is rustproof. We recommend applying a very minimal coating of lightweight oil onto metal surfaces periodically.

It is also important to inspect and ensure the ball and socket are kept clean and free of debris prior to, and during use. We also recommend applying a high-pressure grease to the ball and socket as well as the drive shaft of the jaws periodically. When using the IQ Vise be aware of potential pinch points.



Some of the potential pinch points.

# CUSTOMIZE YOUR VISE WITH SMART UPGRADES.

(NOT INCLUDED - SOLD SEPARATELY)

## IQ VISE JAWS™

Extend the functionality of your vise by adding job-specific IQ Vise Jaws. Available jaws include Woodworking, Pipe-Fit, Leather and Sure-Fit. Nothing beats having the perfect tool for the job.



### WOODWORKING

Expanded capability for maximum performance on wood.

- Increased jaw height and width for secure grip on fine hardwood and molding
- Denser and stiffer foam optimized for fine molding, reverse side with non-marring rubber
- Expand IQ Vise System™ capability for woodworking versatility
- Enhance security and stability for delicate materials



### PIPE-FIT™

Great for securing PVC, cast-iron, copper, or aluminum pipes and tubes.

- Double-sided jaws quickly convert the vise for cast iron or galvanized pipes
- Reverse for damage-free gripping of tubular shapes with non-marring rubber
- Serrated steel insert jaws provide a secure grip, while overmolded rubber protects delicate surfaces



### LEATHER

Crafted for fine wood and delicate items.

- Double-sided purpose-built jaws
- Leather surface provides a damage-free grip on fine wood and delicate items
- Reverse side features rigid, multi-grooved nylon for gripping multiple shapes and sizes
- Ideal for woodworking and various projects



### SURE-FIT™

Designed for odd-shaped parts and flat or delicate items.

- Double-sided purpose-built jaws
- Compression-fit foam for damage-free securing
- Ideal for oddly shaped items requiring extra care
- Reverse side features rigid, multi-grooved nylon
- Provides a secure grip on tubular parts and flat objects



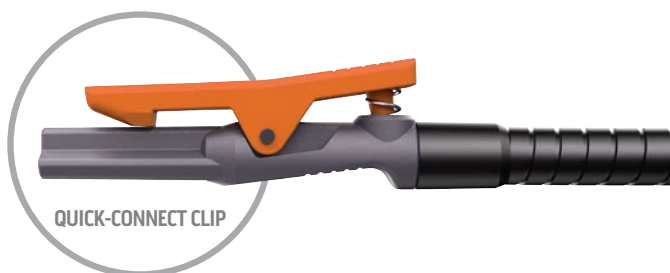
# **iQ** Vise System™

## **IQ CONNECT**

Further grow your IQ Vise System and add even more functionality and work enhancement with IQ Connect. The IQ Vise has four integrated accessory ports that allow the IQ Connect Work Light, Magnifying Glass, and Cell Phone Holder to quickly connect, offering hands-free customization of your workspace. See your work better and have easy access to how-to videos when you need it.



## **PLUG & PLAY WORK ACCESSORIES CONNECT TO THE IQ VISE™**



180 LUMEN RECHARGEABLE  
WORK LIGHT WITH  
3 SELECTABLE SETTINGS  
TO ILLUMINATE DARK,  
HARD-TO-SEE AREAS



5-INCH MAGNIFYING GLASS,  
GREAT FOR MAGNIFYING  
DELICATE TASKS



CELL PHONE HOLDER, A  
HANDS-FREE WAY TO WATCH  
OR CREATE HOW-TO VIDEOS

# WARRANTY

**LIMITED – 5 YEAR WARRANTY:** Work IQ Tools are guaranteed to be free of defects in materials and workmanship for five years from date of original purchase. Work IQ Tools will replace or repair any product or component that proves defective upon our inspection. Use of any Work IQ Tools for anything other than its intended purpose is considered misuse and voids this warranty. For warranty service, contact customer service at [info@workiqtools.com](mailto:info@workiqtools.com) or toll free at 866-202-4746.

The warranty of the IQ Vise excludes damage resulting from deliberate or accidental misuse or lack of maintenance as outlined in the care and maintenance section of this User Guide. Warranty does not cover rust, stains or corrosion, or normal wear and tear. Repair or replacement is the exclusive remedy under this warranty.

Work IQ Tools, its partners, and affiliates are not liable for incidental or consequential damage resulting from use. Some states do not allow exclusion or limitation of incidental or consequential damages; therefore, the above exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights, which vary from state to state.

# NOTES:

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