

THE POSITIVE SQUEEZE-OFF!



Q-TEK[™]
MODEL 400
PIPE CHOKE TOOLS

Q-TEK PIPE CHOKE™ SQUEEZE-OFF TOOLS

Q-TEK **Pipe Choke** tools save time by quickly stopping the flow of gas in polyethylene pipe -- providing a positive squeeze-off every time. In addition to being an emergency tool, **Pipe Choke** tools are used in the operation and maintenance of gas distribution systems.

Pipe Choke tools have been widely used by gas companies and contractors for more than ten years. They embody every tool recommendation in the ASTM Designation F 1041-87 "Standard Guide for Squeeze-Off of Polyolefin Gas Pressure Pipe and Tubing".

Pipe Choke tools are portable and compact. They can be carried to the site and positioned exactly where needed. Their small size allows them to be used in tight work areas. The **Pipe Choke** tool and its hydraulic system are independent units that are quickly connected. Their design permits the operator to make the squeeze-off "out of the trench" -- away from leaking gas.

Q-TEK **Pipe Choke** tools are available in two sizes. The #400 **Pipe Choke** tools handle 4" and smaller polyethylene pipe. The #400 clamping frames weigh 26 lbs. The #400 hydraulic system weighs 46 lbs. and may be separated into two lighter parts.

#800 **Pipe Choke** tools handle 8" and smaller polyethylene pipe. The #800 frames weigh 70 lbs.; the #800 hydraulic system weighs 90 lbs. (The hydraulic pump weighs 50 lbs.; the hose assembly and cylinders weigh 40 lbs.) Hydraulic quick-connectors provide fast positioning and assembly.

Pipe Choke tools use two-speed hydraulic pumps that quickly advance the clamping bars to the squeeze position and then automatically drop to a slower speed. The slow, smooth squeeze rate allows the pipe to "relax" and adjust while being squeezed, minimizing damage to the pipe.

Once shut-off has been made with a **Pipe Choke** tool this position can be mechanically locked in place. The complete hydraulic system can be removed to prevent tampering or theft. When the work is finished, the hydraulic system is easily reconnected.

To remove a **Pipe Choke** tool slowly release the hydraulic pressure and the pipe will return to an oval shape allowing full gas flow. Rotate the pipe clamps 90° and re-apply hydraulic pressure to round the pipe.

Carry Crates are available for the #400 and #800 **Pipe Choke** tools. Each holds the complete tool ready for use. Each box has room for 2 frames and a hydraulic system. The Carry Crate is ideal for supply room efficiency and organization. Carrying poles are available to assist in transporting the entire Carry Crate as well as the individual machines.

IMPORTANT SQUEEZE-OFF INFORMATION

Mark the location of the squeeze-off on the pipe. Another squeeze-off **SHOULD NOT** be made in the same area.

*A squeeze-off should be located at least 3 times the pipe diameter from a joint or fitting. That means 12" away from a joint or fitting on a 4" pipe, 18" away from a joint or fitting on a 6" pipe, and 24" away from a joint or fitting on 8" pipe.

*Always **ground** the tool and pipe. Static electricity can be dangerous!

*Inspect the pipe when work is complete. Improper squeezing can damage the pipe.

*Take weather conditions into account. Squeeze the pipe **slower** in cold weather.

Q-TEK's Stainless Steel Marker and Rounding Clamps are available to identify squeeze-off locations.



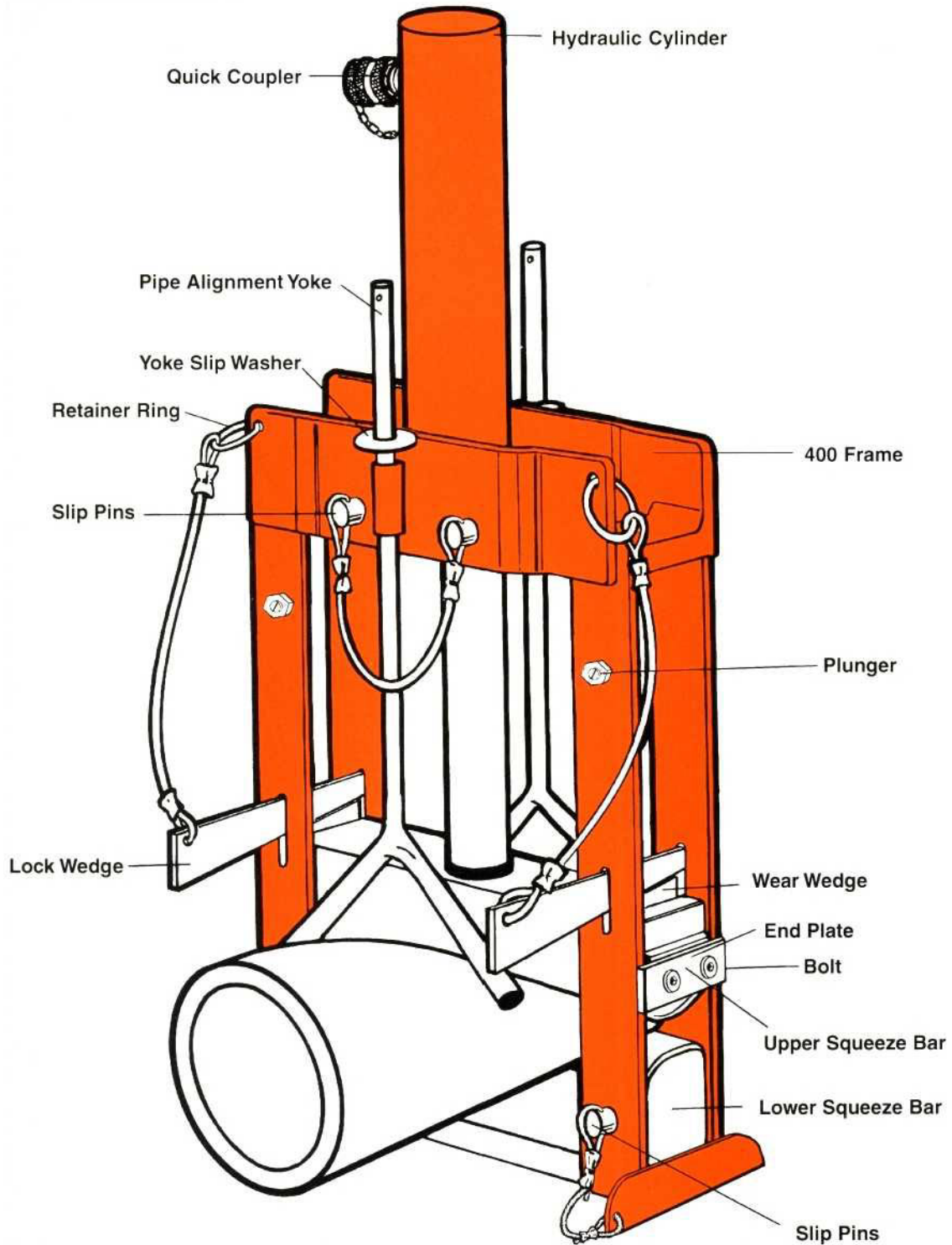
Optional 800 Carry Crate & Optional Carry Poles



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Visit our web site: www.qtektools.com

PIPE CHOKE MODEL 400



PARTS LIST & DESCRIPTIONS ON NEXT PAGE

MODEL 400, 401, 402 PIPE-CHOKE™ EQUIPMENT PARTS

PART DESCRIPTION	QUANTITY	PART #
400 Frame	1	P 203
Alignment Yoke	2	P 219
Lock Wedge	2	P 247
Upper Pipe-Choke Squeeze Bar (complete with wear wedges, end plates & bolts)	1	P 279
Lower Pipe-Choke Squeeze Bar	1	P 261
Upper Squeeze Bar End Plate	2	P 236
Upper Squeeze Bar End Plate Bolts	4	P 258
Upper Squeeze Bar Wear Wedges	2	P 264
Alignment Yoke Spring Pin	2	P 217
Alignment Yoke Slip Washer	2	P 213
Slip Pins	2	P 241
Plunger or Thumbscrew, depending on year	4	P 232
Retainer Ring	2	P 256
Hydraulic Cylinder Mounting Block	1	P 278
Optional Static Ground Strap	1	P 299

401 & 402 PIPE-CHOKE™ KITS & ACCESSORIES

Each Complete 400 Clamping Frame Measures 10"w x 15"h x 6"d and Weighs 26 lbs.
The Frame Contains 2 Squeeze Bars, Mechanical Locks and Stop Blocks.

The 400 Hydraulic System Weighs 51 lbs. and May Be Quickly and Easily Broken Down Into 3 Separate Units.
This System Is Standard Equipment On Model 402 and 401 Kits and includes:

- Hydraulic Cylinder with Mounting Block and Slip Pins
- 10 ft. Hydraulic Hose with Quick Couplers
- 2 Speed Hand Operated Hydraulic Pump with Built-in Pressure Relief Valve and Pressure Gauge

MODEL	DESCRIPTION	PART #
402 Kit	4" to 1¼" IPS Capacity Includes: 2 Complete 400 Clamping Frames 400 Hydraulic System	P 291
401 Kit	4" to 1¼" IPS Capacity Includes: Complete 400 Clamping Frame 400 Hydraulic System	P 259
400 Hydraulic System	Hydraulic System Without Clamping Frames	P 276
400 Carry Crate	Carry Crate Will Store/Transfer One Complete 402 or 401 Kit.	P 265
400 Carry Poles	Poles Aid In Transporting The 402 and 401 Kits and-Carry Crate.	P 243

**Optional Static Ground Straps Are Available For All Pipe Choke Tools.
Please Include SDR and Pipe Size When Ordering Stop Blocks For Pipe Choke Tools.**



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