

Your Victaulic piping system solution starts right here.

## Victaulic Pipe Preparation Tools



**Victaulic**<sup>®</sup>

## A superior joint starts with a superior tool

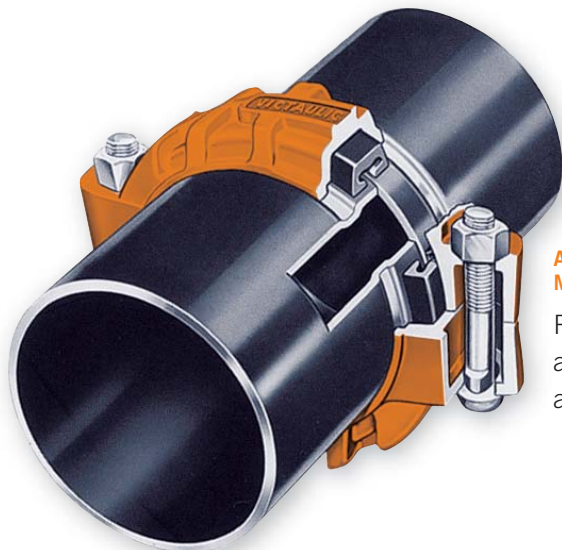
Safe, reliable,  
operator friendly

When the specs call for a Victaulic grooved mechanical piping system of couplings, fittings, valves and accessories, start the job right with a full line of genuine Victaulic pipe preparation tools. Our tools are performance engineered for efficient, trouble-free pipe preparation, whether in the shop or in the field.

### A SUPERIOR SOLUTION: THE VICTAULIC PIPE JOINING SYSTEM

The distinguishing feature of the Victaulic grooved pipe joining system is a roll or cut groove where the pipe and coupling engage to form a self-restraining joint. The result is a permanent connection capable of withstanding thrust loads up to the maximum rated operating pressure. Clearly a superior solution with superior results and benefits versus threaded, welded or flanged joints.

Whether your application is HVAC, fire protection, mining, water and wastewater, oil field or industrial, the Victaulic system is maintenance friendly, and results in lower installed cost and reduced downtime. And to ensure the best mechanical fit, be sure to prepare your pipe with tools by Victaulic.



#### ANATOMY OF A VICTAULIC MECHANICAL PIPE JOINT

Roll or cut grooved pipe and coupling engage to form a self-restraining joint.



## A history of innovation and product improvement

Here at Victaulic, an entire division devotes itself solely to the design and manufacture of groovers and specialty tools, keeping a constant eye toward innovation. Look closer and you will find several new revolutionary improvements to our roll groovers not found in competitive product lines.

At Victaulic we combine innovation with the highest quality standards to bring you the safest, most durable and operator-efficient pipe preparation tool offering available.



### ENHANCED TRACKING ROLLS (ETR)

Unique patented roll design that prevents pipe “walk-out” when grooving short pipe lengths. ETRs actually draw the pipe towards the tool.



### SQUARE-DRIVE KEYLESS SHAFTS AND ARBORS

Allows for the industry's fastest and easiest roll changes when grooving 2" – 8" Schedule 40 pipe.



### RX ROLLS

Needed for proper roll grooving of lightwall stainless steel pipe.

### SAFETY

Victaulic tools are the safest in the industry. Patented enhanced tracking rolls allow for hands-off short pipe preparation, keeping the pipe securely in place and drawing it towards the tool. All models are equipped with safety guards for injury-free operation.

### DURABILITY

Durable, long-lasting. Made of the finest, highest-grade materials.

### NAME YOU TRUST

Developed by the same company who developed and perfected the first mechanical pipe joining system in 1925 – Victaulic.

### INNOVATIONS

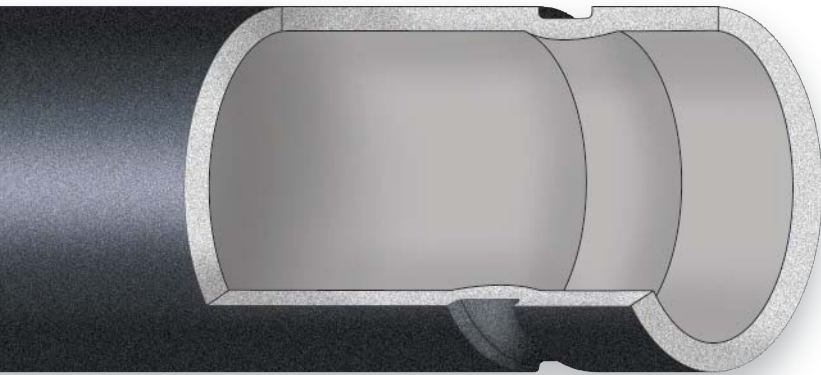
Continuous product improvement. New square-drive, keyless shaft and arbor design, and RX roll grooving rolls for lightwall stainless steel grooving are just a few of our latest product design improvements.

### WIDE SELECTION

Wide selection to choose from. There's a Victaulic tool available to meet virtually any pipe preparation need.

## A tool for every kind of groove.

### roll groove



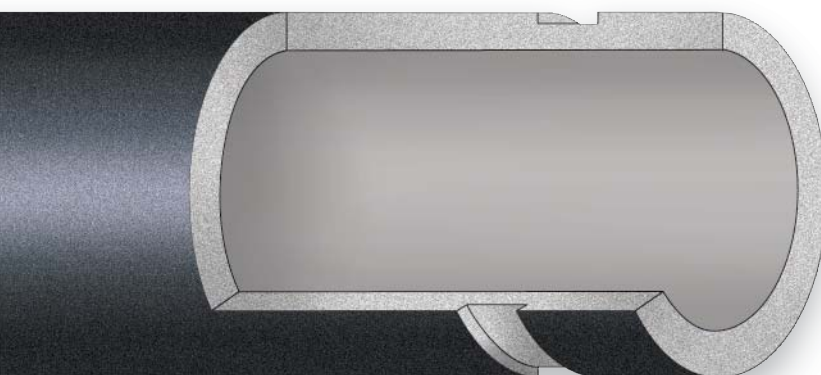
*Roll groove shown on Schedule 40 steel pipe. The small dimple created on interior pipe wall does not significantly hinder pressure or flow.*

#### **THE FINEST ROLL GROOVERS AVAILABLE. SINCE 1955.**

Victaulic pioneered the concept of cold forming a groove into a pipe, and since then has perfected the process with a complete line of roll grooving tools.

Most Victaulic roll grooving tools are designed to rotate the pipe while the tool remains stationary, leaving a cold-formed groove in the pipe wall (our in-line tools orbit around the pipe). Roll grooving is fast, clean and easy, and removes no metal from the pipe. The inner dimple created in the pipe's interior wall has virtually no effect on pressure or flow.

### cut groove



*Cut groove shown on Schedule 80 carbon pipe. The groove created removes less metal than threading.*

#### **THE INDUSTRY'S HIGHEST PERFORMING CUT GROOVERS. SINCE 1945.**

To meet the demands of grooving standard weight pipe or pipe with heavier wall thickness, rely on the full line of Victaulic cut grooving tools. Victaulic cut groovers are designed to be driven around a stationary pipe to machine away material. The process removes less material than threading, leaving a groove which is always concentric with the pipe's outside diameter. Cut grooving increases allowable pipe end separation for greater movement, and permits increased system deflection when using flexible couplings.

You will find a complete selection of Victaulic cut groovers designed to prepare square cuts in steel and other metallic IPS pipe, and radius cuts in ductile, cast and PVC pipe.



## roll groovers



### SPECIFICATIONS

	FIELD PORTABLE	FIELD FABRICATION	PLANT/SHOP FABRICATION
PIPE MATERIAL	Steel, Stainless, Aluminum, PVC, Copper	Steel, Stainless, Aluminum, PVC, Copper, Lightwall SS	Steel, Stainless, Aluminum, PVC, Copper, Lightwall SS
PIPE RANGE SIZE	3/4" – 6" (26,9mm – 168,3mm)	3/4" – 16" (26,9mm – 406,4mm)	3/4" – 36" (26,9mm – 914,0mm)
	Lightweight, manually operated	Stable, easy to adjust, heavy duty	Fully automated, heavy duty

## cut groovers



### SPECIFICATIONS

	FIELD MANUAL	FIELD MOTORIZED	PLASTIC GROOVERS
PIPE MATERIAL	Steel, Stainless, Aluminum, PVC, Ductile Iron, MRL	Steel, Stainless, Aluminum, Ductile Iron, MRL	PVC only
PIPE RANGE SIZE	3/4" – 8" (26,9mm – 219,1mm)	2" – 24" (60,3mm – 610,0mm)	2" – 6", 8" – 16" (60,3mm – 168,3mm, 219,1mm – 406,4mm)
	Manual or external drive, portable, size specific	External drive, portable	Manual drive, radius cuts, PVC only

Refer to both the full line catalog and Victaulic Web site for complete list of models and specifications

## Accessories

Consult the full catalog for a complete listing of accessory pipe preparation tools. There are hole cutters for new or existing piping systems; hot taps for drilling into pressurized steel pipe systems; pipe cut-off and cleaning tools; and specialty PVC groovers. All are designed to simplify and expedite your pipe preparation job.



## Victaulic Pressfit® Tools

Perfectly balanced.  
Ergonomically designed.



Victaulic offers patented Pressfit tools for joining small diameter steel and stainless steel pipe. The system includes an electrically powered trigger-style hand tool equipped with quick changing jaws – and comes packed in its own steel carrying case.

The Pressfit system is for use on Schedule 5 stainless steel, and carbon steel pipe from 1/2" – 2" (21,3mm – 60,3mm) with a separate jaw attachment for each pipe size.

A safe, dependable answer to your small diameter steel pipe preparation needs.

## Get superior results...everytime.

Remember, only Victaulic pipe preparation tools are match-engineered to Victaulic pipe joining products. So for the best joint, ask for genuine Victaulic tools. Whether your system is carbon steel, PVC, stainless, aluminum or ductile iron, there is a Victaulic tool to meet your most demanding pipe preparation needs.

For long-lasting, dependable performance, be sure to familiarize yourself with the Operation, Installation and Maintenance guide that comes with each tool. Consult the Victaulic general catalog for individual specifications and ordering information, or log onto [www.victaulic.com](http://www.victaulic.com) for a complete listing of model numbers, applications and specifications.

Get your next Victaulic piping system off on the right foot with genuine **Victaulic pipe preparation tools.**

For a complete list of Victaulic pipe preparation tool specifications, consult document 24.01 or log onto [www.victaulic.com](http://www.victaulic.com).



The Victaulic Tool Company, in Easton, Pennsylvania, houses assembly and testing operations for Victaulic tools. Victaulic has been designing, developing, and manufacturing tools for over 50 years, and carries a full line of tools and accessories for a wide range of pipe preparation in the shop and in the field. All Victaulic tools are designed for global use and can be prepared to meet international electrical requirements. Literature in a variety of languages, incorporating all international pipe sizes, is available upon request.

To speak with a Victaulic representative or for information on tools, parts and pricing, contact Victaulic Tools Company, P.O. Box 31, Easton PA 18044-0031 or phone 610.559.3300. Fax 610.923.3090. Email [victools@victaulic.com](mailto:victools@victaulic.com)



#### VICTAULIC COMPANIES

##### WORLD HEADQUARTERS

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