

# Combo Roll Grooving Tool RG2300



## 1.0 PRODUCT DESCRIPTION

### Function

- Designed for manual/in-air and power-driven grooving of pipe.

### Grooving Capability

- Carbon Steel: 1" **IGS**<sup>™</sup>
- Carbon Steel: 1 – 12" OGS
- Stainless Steel: 1 – 4" OGS
- Light-Wall Stainless Steel: 2 – 12"
- PVC: 2 – 8"
- Aluminum: 2 – 8"
- Copper: 2 – 8"

### Performance

RG2300 RATINGS – MAXIMUM PIPE SIZE AND WALL THICKNESS CAPACITY <sup>1</sup>													
Pipe Material	Pipe Size												
	inches DN												
	1 DN25	1 ¼ DN32	1 ½ DN40	2 DN50	2 ½	3 DN80	3 ½ DN90	4 DN100	5	6 DN150	8 DN200	10 DN250	12 DN300
Steel (IGS) <sup>2,3</sup>	Sch. 10 – 40		–										
Steel (OGS) <sup>2,4</sup>	Sch. 5 – 40										Sch. 5 – 20	Sch. 5 – 10	
Stainless Steel <sup>2,4</sup>	Sch. 40S							–					
Lt. Wall SS <sup>5</sup>	–		Sch. 5S - 10S										
Aluminum <sup>6,7</sup>	–		Sch. 5 – 40							Sch. 5 – 20	–		
PVC Plastic <sup>6</sup>	–		Sch. 40	Sch. 40 – 80						Sch. 40	–		
Copper <sup>8</sup>	–		Types K, L, M, DWV									–	

<sup>1</sup> Only RG2300-specific grooving rolls shall be used. Alternative Victaulic grooving rolls or parts from any other manufacturer shall not be used with the RG2300 Combo Roll Grooving Tool.

<sup>2</sup> Maximum ratings are limited to 150 BHN (Brinell Hardness Number) and less.

<sup>3</sup> Use grooving rolls marked with prefix RI.

<sup>4</sup> Use grooving rolls marked with prefix R.

<sup>5</sup> Use grooving rolls marked with prefix RX.

<sup>6</sup> Use grooving rolls marked with prefix RP.

<sup>7</sup> 6061-T4 or 6063-T4 alloy shall be used.

<sup>8</sup> Use grooving rolls marked with prefix RR.

**ALWAYS REFER TO ANY NOTIFICATIONS AT THE END OF THIS DOCUMENT REGARDING PRODUCT INSTALLATION, MAINTENANCE OR SUPPORT.**

## 2.0 CERTIFICATION/LISTINGS

---



## 3.0 SPECIFICATIONS

---

**Drive Requirements:** Optional. Tool can be attached to a Ridgid® 300 Power Drive, a Ridgid® 300 Compact Power Drive, or a REMS® Magnum Series Power Drive.

NOTES:

Ridgid is a registered trademark of the Ridge Tool Company.

REMS is a registered trademark of REMS GmbH & Co KG.

## 4.0 ACCESSORIES/COMPONENTS

### Included:

- (1) RG2300 Combo Roll Grooving Tool
- (1) Storage Case
- (1) Adjustable Ratchet with Swivel Handle
- (1) 27-mm Deep Socket
- (1) Power Drive Adapter
- (1) 8-mm Hex Key
- (1) 17-mm Wrench
- (1) OGS Go/No-Go Grooved Pipe Diameter Tape
- (1) IGS Groove Confirmation Cable (FP Tools Only)
- (1) Copper Groove Confirmation Cable (Copper Tools Only)
- (10) Shear Pin
- (1) Shear Pin Punch
- (2) Operating and Maintenance Instructions Manual

### Grooving Roll Package (Choose one):

- (1) Fire Protection Roll Package: 1" IGS, 1 ¼ – 12" OGS
- (1) Carbon Steel/Stainless Steel OGS Roll Package: 1 – 12" OGS
- (1) Light-Wall Stainless Steel Roll Package: 2 – 12"
- (1) Copper Roll Package: 2 – 8"
- (1) PVC/Aluminum Package: 2 – 8"

### Optional Grooving Rolls:

#### Carbon Steel

1" IGS Rolls

- Grooving Capabilities:
  - Carbon Steel (Sch.10-40)

#### Carbon Steel/Stainless Steel

1 – 1 ½" Rolls

- Grooving Capabilities:
  - Carbon Steel (Sch.5-40)/Stainless Steel (Sch.40S)

1 ¼ – 1 ½" Rolls

- Grooving Capabilities:
  - Carbon Steel (Sch.5-40)/Stainless Steel (Sch.40S)

2 – 6" Rolls

- Grooving Capabilities:
  - 2 – 4": Carbon Steel (Sch.5-40)/Stainless Steel (Sch.40S)
  - 6": Carbon Steel (Sch.5-40)

8 – 12" Rolls

- Grooving Capabilities:
  - 8": Carbon Steel (Sch.5-20)
  - 10 – 12": Carbon Steel (Sch.5-10)

### Optional Grooving Rolls (continued):

#### Lt Wall Stainless Steel RX

2 – 6" Rolls

- Grooving Capabilities:
  - (Sch. 5S-10S)

8 – 12" Rolls

- Grooving Capabilities:
  - (Sch. 5S-10S)

#### Copper

2 – 6" Rolls

- Grooving Capabilities:
  - (Types K,L,M,DWV)

8" Rolls

- Grooving Capabilities:
  - (Types K,L,M,DWV)

#### PVC/Aluminum

2 – 6" Rolls

- Grooving Capabilities:
  - 2": PVC (Sch.40)
  - 2 ½ – 6": PVC (Sch.40-80)
  - 2 – 6": Aluminum (Sch.5-40)

8" Rolls

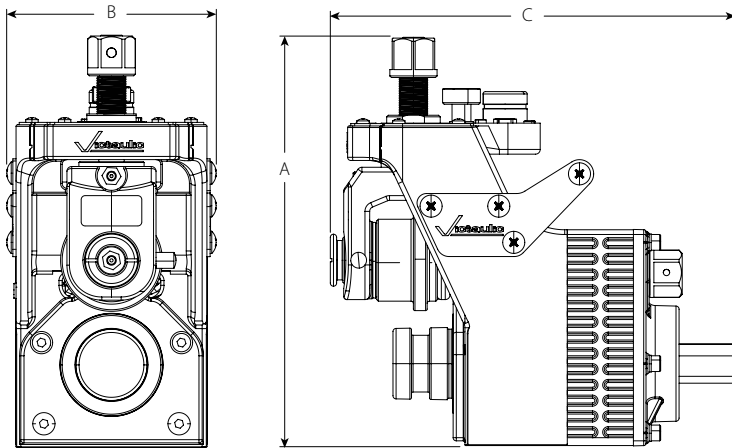
- Grooving Capabilities:
  - 8": PVC (Sch.40)
  - 8": Aluminum (Sch.5-20)

#### NOTE

- Roll sets for the RG2300 Combo Roll Grooving Tool are not compatible with other Victaulic grooving tools.

## 5.0 DIMENSIONS

### RG2300 Combo Roll Grooving Tool



Dimensions			Assembled Weight
A	B	C	
inches	inches	inches	lb
mm	mm	mm	kg
11	6	11	32
280	160	280	15

**NOTE**

- A minimum 8\*/203 mm of clearance around the pipe surface is required for in-place grooving.

## 6.0 NOTIFICATIONS

### WARNING



Failure to follow instructions and warnings could result in death or serious personal injury and property damage.

- Before setting up, operating, or servicing the RG2300 Combo Roll Grooving Tool, read all instructions in the TM-RG2300 Operating and Maintenance Manual and all warning labels on the tool.
- Wear safety glasses, hardhat, foot protection, and hearing protection while working around the tool.

## 7.0 REFERENCE MATERIALS

[25.01: Original Groove System \(OGS\) Groove Specifications](#)

[25.06: Copper Tubing Roll Groove Specifications](#)

[25.14: Victaulic IGS Groove Specifications](#)

[RP-RG2300: RG2300 Repair Parts Manual](#)

[TM-RG2300: RG2300 Operating and Maintenance Instructions Manual](#)

### User Responsibility for Product Selection and Suitability

Each user bears final responsibility for determining the suitability of Victaulic products for their end-use application, in accordance with industry standards, project specifications, and Victaulic's published performance, maintenance, and safety data, as well as all warnings and installation instructions. Nothing in this or any other document, nor any verbal recommendation, advice, or opinion from any Victaulic employee, shall be deemed to alter, vary, supersede, or waive any provision of Victaulic Company's standard conditions of sale, warranty, installation instructions, or this disclaimer.

### Installation

Always refer to and follow the [Victaulic Installation Handbook](#) or installation instructions for the product you are installing. Handbooks are included with each shipment of Victaulic products, providing complete installation and assembly data, and are available in PDF format on our website at victaulic.com.

### Warranty

Refer to the Warranty section of the current Price List or contact Victaulic for details.

### Intellectual Property Rights

No statement concerning the use of any material, product, service, or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Victaulic or any of its affiliates, or as a recommendation for the use of such material, product, service, or design in the infringement of any patent or other intellectual property right. The terms "Patented" or "Patent Pending" refer to design or utility patents or patent applications for articles and/or methods of use in the United States and/or other countries. Victaulic and all other Victaulic marks are the trademarks or registered trademarks of Victaulic Company, and/or its affiliated entities, in the U.S. and/or other countries.

### Note

All products bearing a Victaulic trademark are manufactured by Victaulic or to Victaulic specifications. All products are to be installed only in accordance with the applicable Victaulic installation instructions. Victaulic reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.