



## 3D CLEANING CHAINS

### Expand Your Cleaning Options



3D Chain–Premium Version



3D Chain–PVC Version

At Picote, we are constantly looking for ways to work smarter so your hard work goes further. The new self-adjusting 3D Cleaning Chains were designed to exchange setup time for working time making a cleaner, faster, and more efficient job site.

Gone are the days of changing tools every time the pipe size changes or adjusting the chain size during descaling. Thanks to a shape-shifting design, you can now use one tool to do the job of several. This exciting new innovation in drain cleaning is patent-pending.

Two models available: The Premium version features the proven, superior performance of our star-carbide teeth, while the PVC version is the safer choice when the condition of the original host pipe material is unknown to allow you to safely remove blockages and restore flow.

## USES AND BENEFITS

Our pursuit of innovation means we are always pushing the boundaries of what can be achieved with our tools and the 3D chains take high speed drain cleaning to the next level.

- Come on a pre-built leader making them easier to use and decreasing shaft wear.
- Self-adjusting depending on RPM. Great for diameter changes where access is limited.
- No need to readjust during descaling; the 3D chain will keep expanding as it removes material until it reaches its maximum size.
- We test all of our products extensively both in our R&D center and the field before they ever see the market.

### 3D Cleaning Chain Technical Specifications

| Shaft Size   | Pipe Size                               |              |
|--|---|--------------|
| 8mm (1/3")   | DN50-75 (2-3")                          |              |
|  | DN70-100 (3-4")                         |              |
| 12 mm (1/2")                                       | DN70-100 (3-4")                         |              |
|  | DN100-150 (4-6") for Premium Chain Only |              |
| Pipe Material                                      | Cast Iron, Concrete, Clay, PVC          |              |
| Operational Guide - Rotation Speed & Chain Opening |   |              |
| Chain  | Rotation Speed                          | Shaft Size   |
| DN50-75 (2-3")                                     | Level 2 - DN50 (2")                     | 8 mm (1/3")  |
|  | Level 4 - DN70/75 (3")                  | 8 mm (1/3")  |
| DN70-100 (3-4")                                    | Level 2 - DN70/75 (3")                  | 8 mm (1/3")  |
|  | Level 3 - DN100 (4")                    | 8 mm (1/3")  |
| DN70-100 (3-4")                                    | 800 rpm - DN70/75 (3")                  | 12 mm (1/2") |
|  | 1250 rpm - DN100 (4")                   | 12 mm (1/2") |
| DN100-150 (4-6")                                   | 800 rpm - DN100 (4")                    | 12 mm (1/2") |
|  | 1100 rpm - DN150 (6")                   | 12 mm (1/2") |

**Note!** Always select rotation speed according to chain opening / rotation speed table from above when working inside fragile or otherwise brittle cast iron pipes. If the host pipe is intact, higher rotation speed can be used.

## More Info/Guides/Technical Support:

- Visit [picoteinstitute.com](http://picoteinstitute.com) for e-learning courses, educational videos, quick guides, & manuals.
- For more information on products, spare parts, assembly and operation, consult the Grinding Chains Manual or contact Picote Technical Support.
- For hands-on product training, Picote operates training centers in USA, UK, and Finland.

## PRODUCTS & SPARE PARTS



| 3D Cleaning Chain Product List                         |   |
|--|---|
| PN   | Description   |
| <b>Premium Chain with leader for 8mm (1/3") shaft</b>  |   |
| 1382005070   | 3D Premium Chain Package DN50-75 (2-3")                 |
| 1382070100   | 3D Premium Chain Package DN70-100 (3-4")                |
| <b>Premium Chain with leader for 12mm (1/2") shaft</b> |   |
| 1383070100   | 3D Premium Chain Package DN70-100 (3-4")                |
| 1383100150   | 3D Premium Chain Package DN100-150 (4-6")               |
| <b>Spare parts: Premium 3D Chain only</b>              |   |
| 1380084050D  | 3D Premium Chain DN50-75 (2-3") for 8mm (1/3") shaft    |
| 1380084070D  | 3D Premium Chain DN70-100 (3-4") for 8mm (1/3") shaft   |
| 1380125070D  | 3D Premium Chain DN70-100 (3-4") for 12mm (1/2") shaft  |
| 1380125100D  | 3D Premium Chain DN100-150 (4-6") for 12mm (1/2") shaft |
| <b>PVC Chain with leader for 8mm (1/3") shaft</b>      |   |
| 1382005070P  | 3D PVC Chain Package DN50-75 (2-3")                     |
| 1382070100P  | 3D PVC Chain Package DN70-100 (3-4")                    |
| <b>PVC Chain with leader for 12mm (1/2") shaft</b>     |   |
| 1383070100P  | 3D PVC Chain Package DN70-100 (3-4")                    |
| <b>Spare parts: PVC 3D Chain only</b>                  |   |
| 1380084050DP   | 3D PVC Chain DN50-75 (2-3") for 8mm (1/3") shaft        |
| 1380084070DP   | 3D PVC Chain DN70-100 (3-4") for 8mm (1/3") shaft       |
| 1380125070DP   | 3D PVC Chain DN70-100 (3-4") for 12mm (1/2") shaft      |