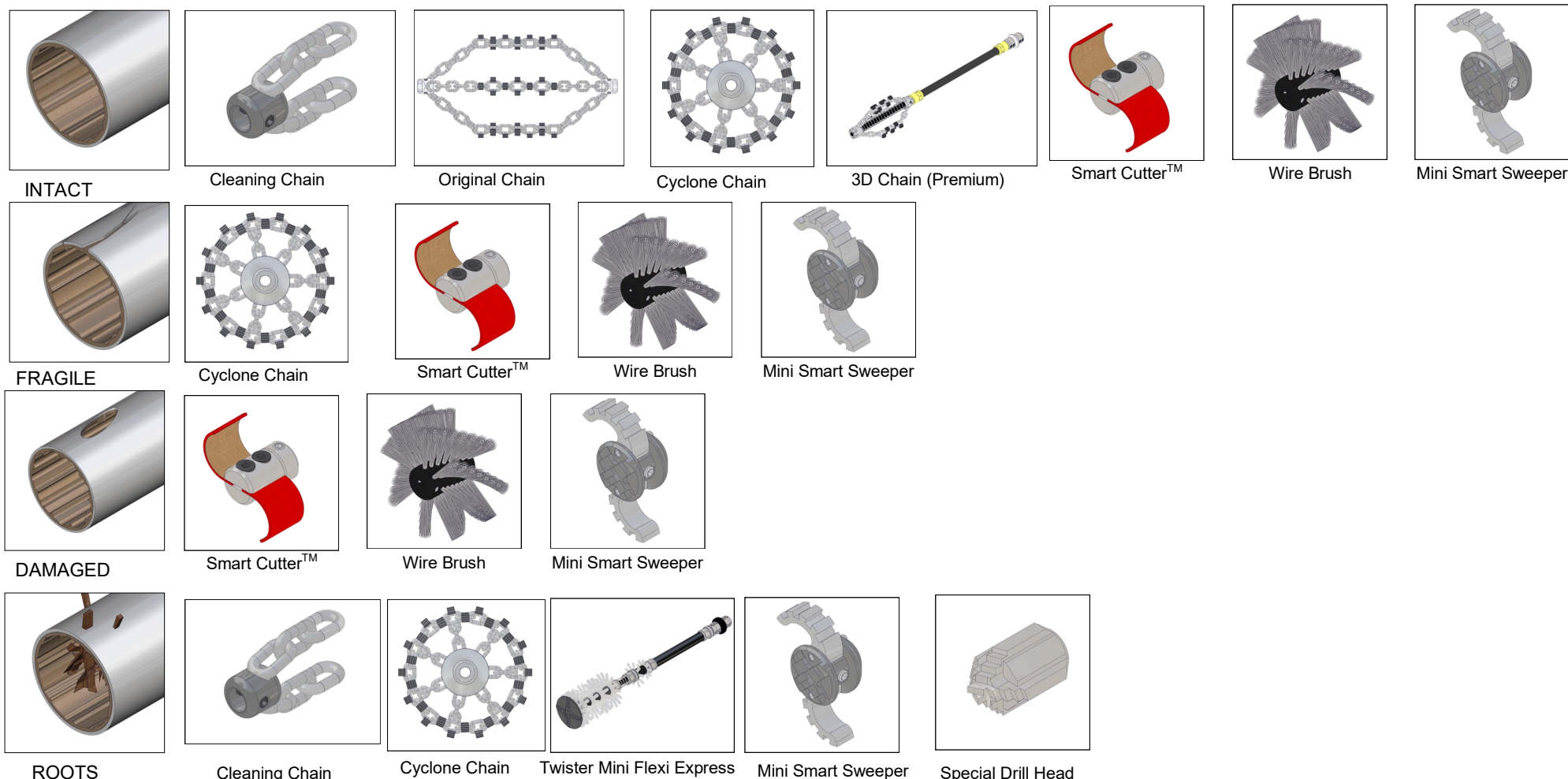


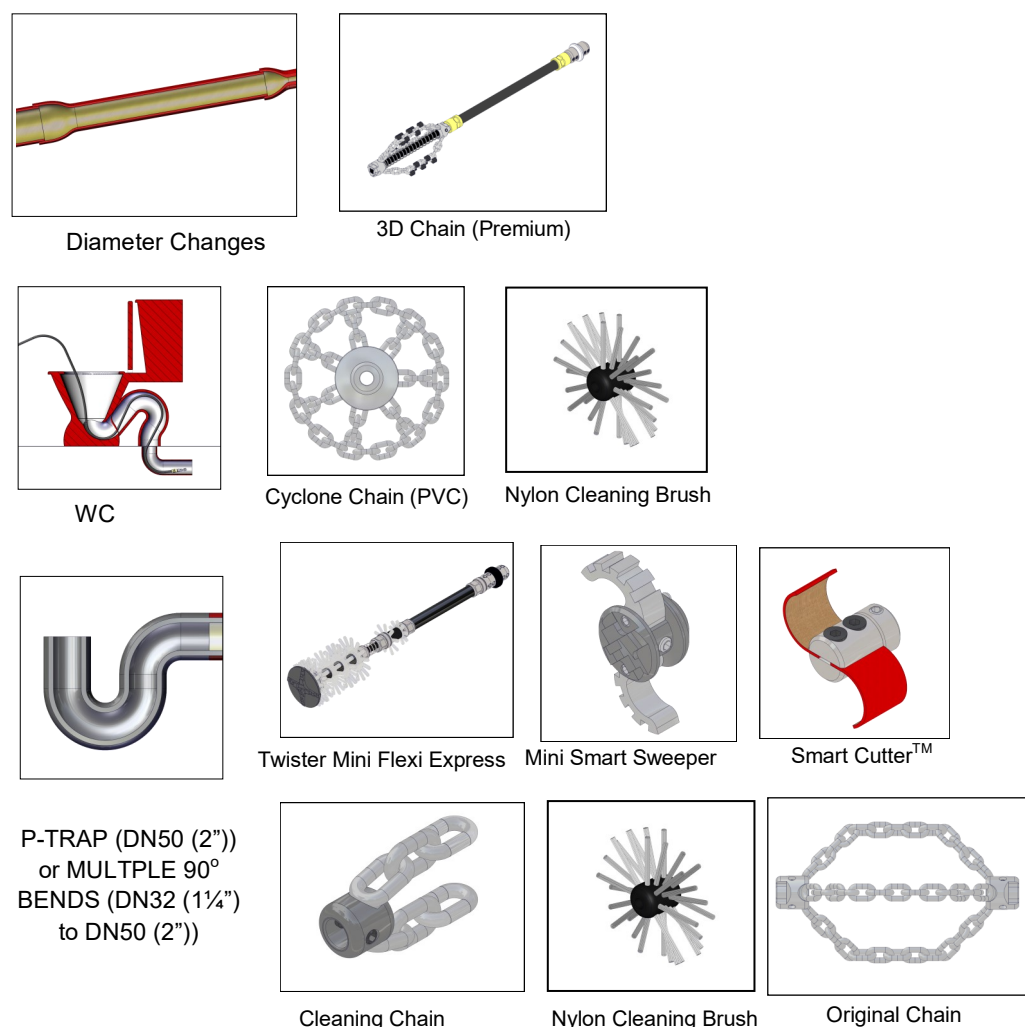
MINI CLEANER

Cast Iron Pipes

DESCALING



SPECIAL



Mini Cleaner

Shaft Diameter: **8 mm (1/3")**

Range: **16 metres (50 ft)**

Recommended Diameter Range: **DN32 (1¼") - DN75 (3")**

Can be used to clean DN100 (4") pipes when working through a non siphonic toilet using a DN100 (4") Cyclone Chain (PVC)

Available Tools

Size Diameter

Cleaning Chain	DN32 (1¼") - DN40 (1½")
Original Chain (Standard)	DN50 (2") - DN75 (3")
Original Chain (Premium)	DN50 (2") - DN75 (3")
Cyclone Chain (Standard)	DN70 / 75 (3")
Cyclone Chain (Premium)	DN70 / 75 (3")
Cyclone Chain (PVC)	DN70 (3") - DN100 (4")
3D Chain (Premium)	DN50 (2") - DN75 (3")
Smart Cutter™	DN32 (1¼") - DN75 (3")
Wire Brush*	DN50 (2") - DN75 (3")
Nylon Cleaning Brush**	DN50 (2") - DN150 (6")
Special Drill Head	DN32 (1¼") - DN75 (3")
Twister Mini Flexi Express	DN50 (2") - DN75 (3")
Mini Smart Sweeper	DN50 (2") - DN75 (3")

* Wire brushes should only be used for cleaning fine dust or light mineral deposits.

** Nylon cleaning brushes should only be used for removing fine dust or soft blockages

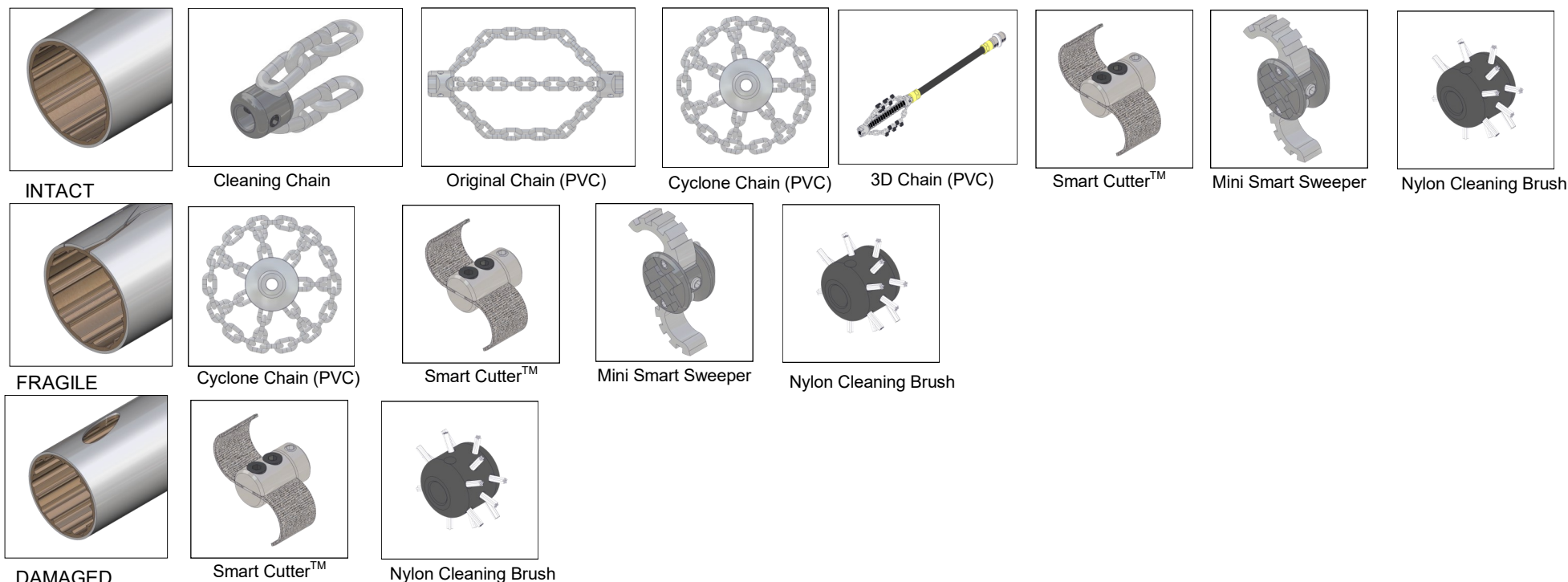
Optimal rotation speed of the Mini Cleaner is between 2-4 (900-2100 rpm) depending on work.

Do not use a higher rotation speed than 4 (2100 rpm) as it may cause overheating between the shaft and the outer casing.

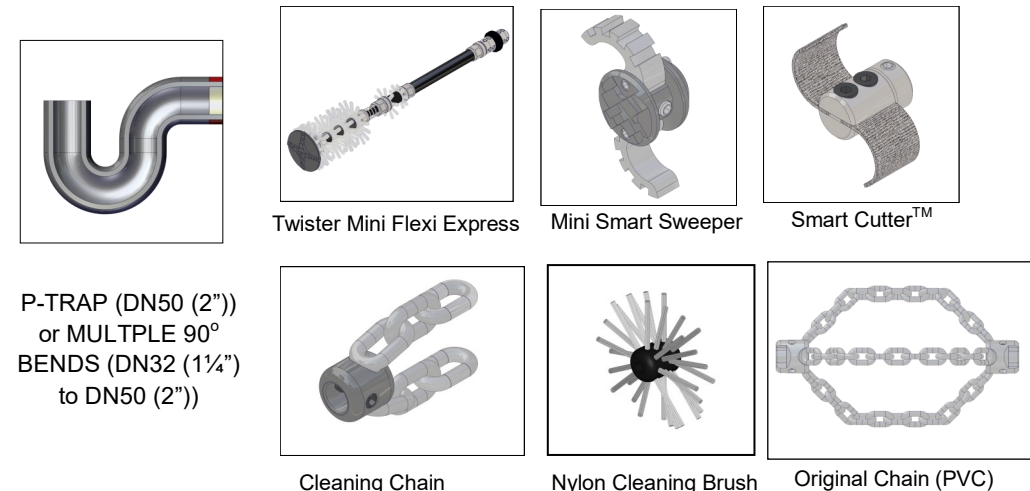
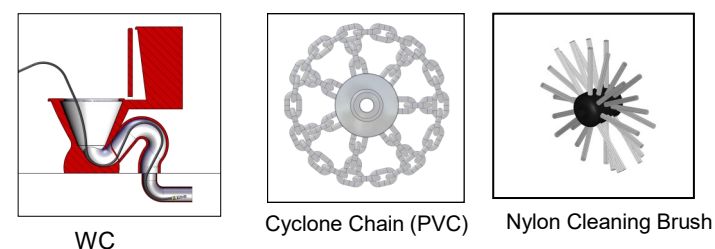
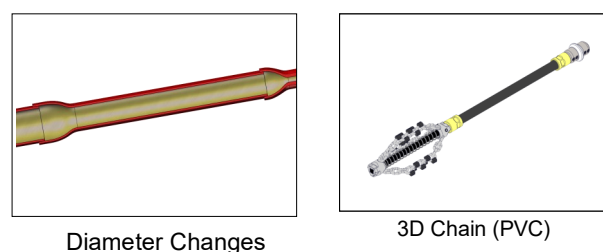
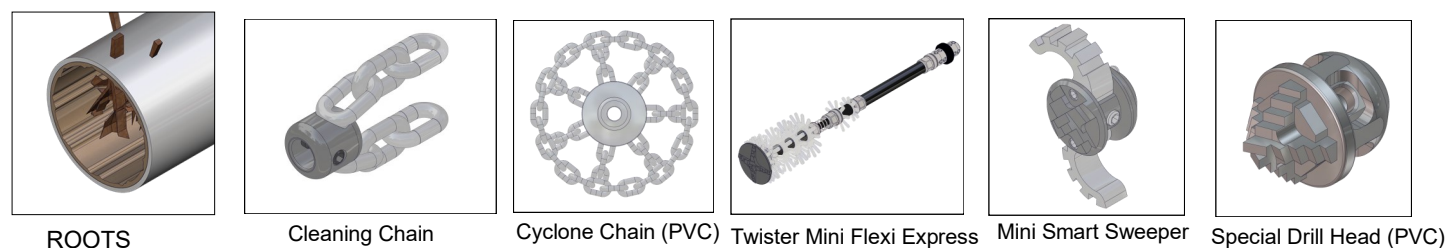
MINI CLEANER

Plastic Pipes

DESCALING



SPECIAL



Mini Cleaner

Shaft Diameter: 8 mm (⅓")

Range: 16 metres (50 ft)

Recommended Diameter Range: DN32 (1¼") - DN75 (3")

Can be used to clean DN100 (4") pipes when working through a non siphonic toilet using a DN100 (4") Cyclone Chain (PVC)

Available Tools

Size Diameter

Cleaning Chain	DN32 (1¼") - DN40 (1½")
Original Chain (PVC)	DN50 (2") - DN75 (3")
Cyclone Chain (PVC)	DN70 (3") - DN100 (4")
3D Chain (PVC)	DN50 (2") - DN75 (3")
Smart Cutter™	DN32 (1¼") - DN75 (3")
Nylon Cleaning Brush*	DN32 (1¼") - DN150 (6")
Special Drill Head (PVC)	DN32 (1¼") - DN75 (3")
Twister Mini Flexi Express	DN50 (2") - DN75 (3")
Mini Smart Sweeper	DN50 (2") - DN75 (3")

* Nylon cleaning brushes should only be used for removing fine dust or soft blockages.

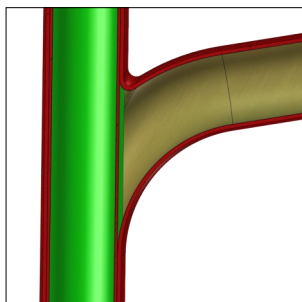
Optimal rotation speed of the Mini Cleaner is between 2-4 (900-2100 rpm) depending on work.

Do not use a higher rotation speed than 4 (2100 rpm) as it may cause overheating between the shaft and the outer casing.

MINI CLEANER

Cast Iron Pipes

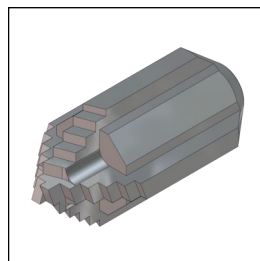
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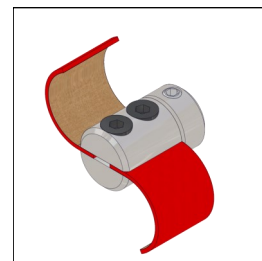
UNLINED



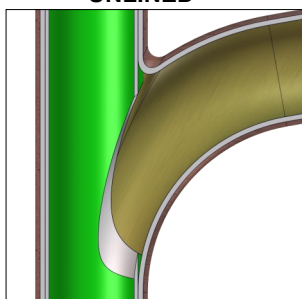
Twister Mini Flexi Express



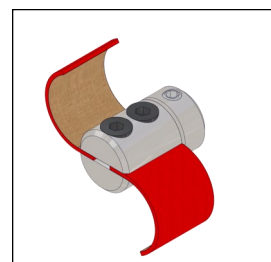
Special Drill Head



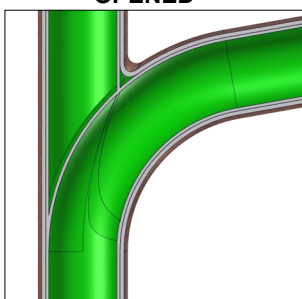
Smart Cutter™



OPENED



Smart Cutter™



LINED



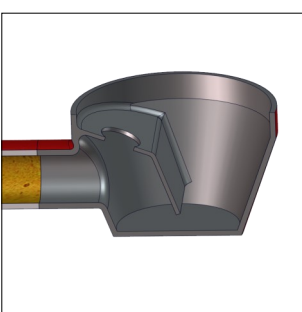
Twister Mini Flexi Express

Mini Cleaner

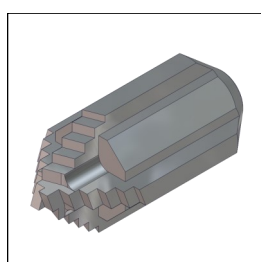
Shaft Diameter: **8 mm (1/3")**

Range: **16 metres (50 ft)**

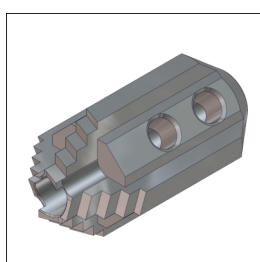
Recommended Diameter Range: **DN32 (1 1/4") to DN75 (3")**



FLOOR DRAIN



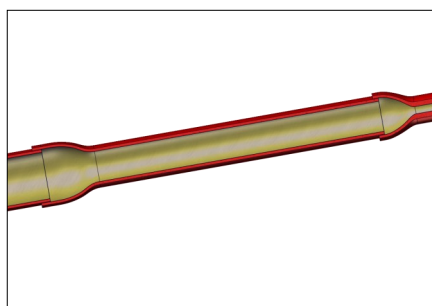
Special Drill Head



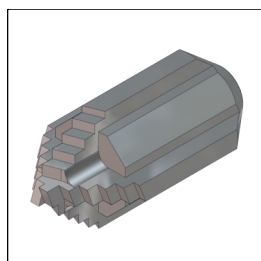
Special Drill Head (3D)



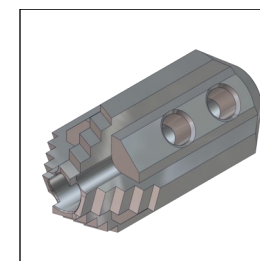
Smart Cutter™



SIZE CHANGE



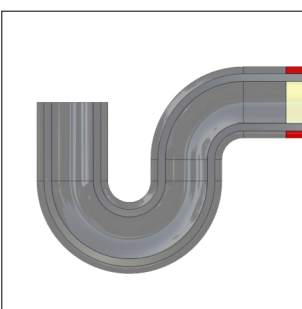
Special Drill Head



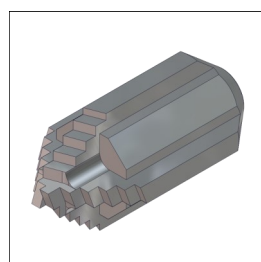
Special Drill Head (3D)



Smart Cutter™



P-TRAP



Special Drill Head



Smart Cutter™



Twister Mini Flexi Express

Optimal rotation speed of the Mini Cleaner is between 2-4 (900-2100 rpm) depending on work.

Do not use a higher rotation speed than 4 (2100 rpm) as it may cause overheating between the shaft and the outer casing.

Available Tools

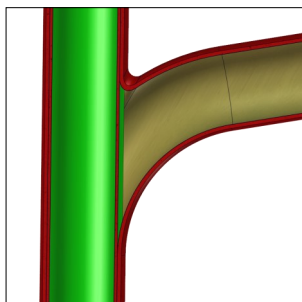
Size Diameter

Smart Cutter™	DN32 (1 1/4") - DN75 (3")
Twister Mini Flexi Express	DN50 (2") - DN75 (3")
Special Drill Head Cutter	DN32 (1 1/4") - DN75 (3")
Special Drill Head Cutter (3D)	DN50 (2") - DN75 (3")

MINI CLEANER

Plastic Pipes

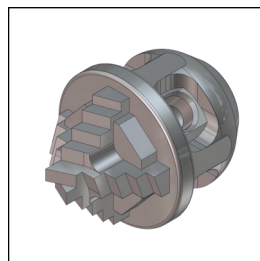
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UNLINED



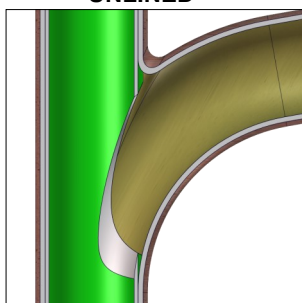
Twister Mini Flexi Express



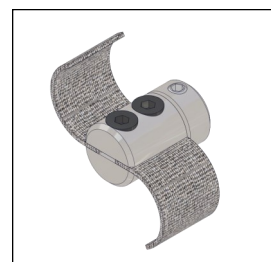
Special Drill Head (PVC)



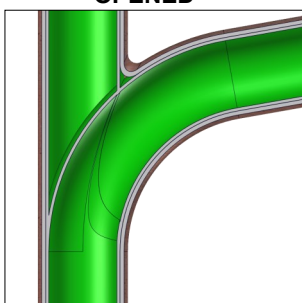
Smart Cutter™



OPENED



Smart Cutter™



LINED



Twister Mini Flexi Express

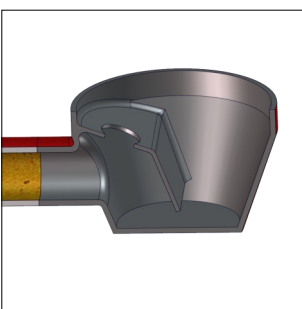
Mini Cleaner

Shaft Diameter: **8 mm (1/3")**

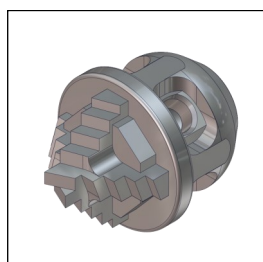
Range: **16 metres (50 ft)**

Recommended Diameter Range: **DN32 (1 1/4") to DN75 (3")**

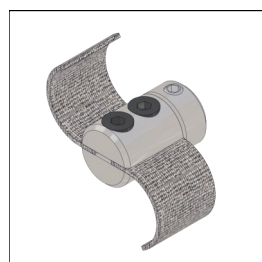
In plastic pipes, the Smart Cutter™ needs to be equipped with polishing panels.



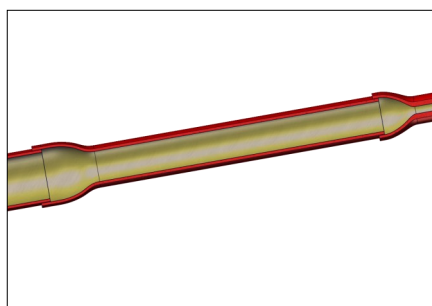
FLOOR DRAIN



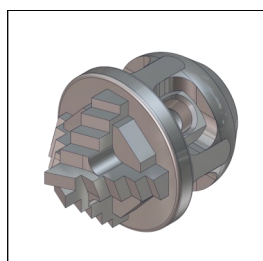
Special Drill Head (PVC)



Smart Cutter™



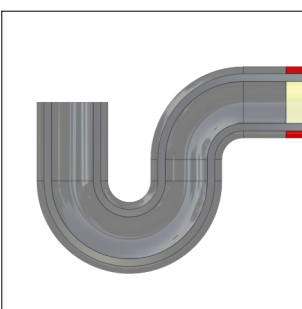
SIZE CHANGE



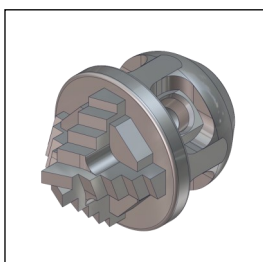
Special Drill Head (PVC)



Smart Cutter™



P-TRAP



Special Drill Head (PVC)



Smart Cutter™



Twister Mini Flexi Express

Optimal rotation speed of the Mini Cleaner is between 2-4 (900-2100 rpm) depending on work.

Do not use a higher rotation speed than 4 (2100 rpm) as it may cause overheating between the shaft and the outer casing.

Available Tools

Smart Cutter™

Twister Mini Flexi Express

Special Drill Head Cutter (PVC)

Size Diameter

DN32 (1 1/4") - DN75 (3")

DN50 (2") - DN75 (3")

DN32 (1 1/4") - DN75 (3")