

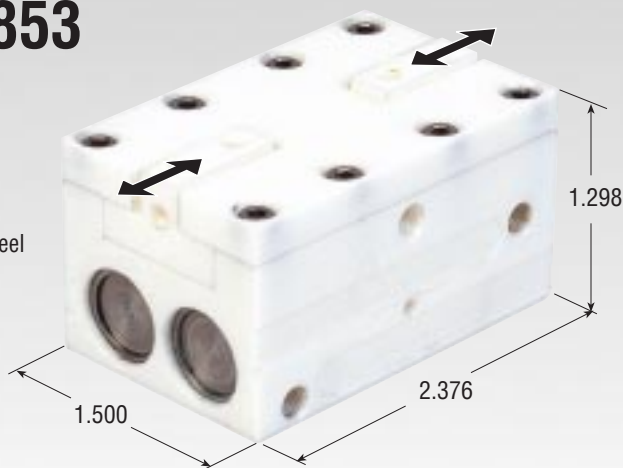


# Polymer (PET) Gripper

## ML# 213853

### BENEFITS

- Compact size with long jaw travel. This gripper is constructed of PET plastic and passivated stainless steel with nitrile piston seals for harsh environments.
- Designed for part production in a deionized water environment.
- Ported body allows for the connection of pressure or vacuum to the jaw area.
- Fully field repairable.
- Simple design, long life.
- Double-acting for either internal or external gripper applications.
- Parallel motion is ideal for gripping parts of varying sizes while maintaining the parallel relationship of the jaws to the part.
- Additional sizes available, consult PHD, Inc.



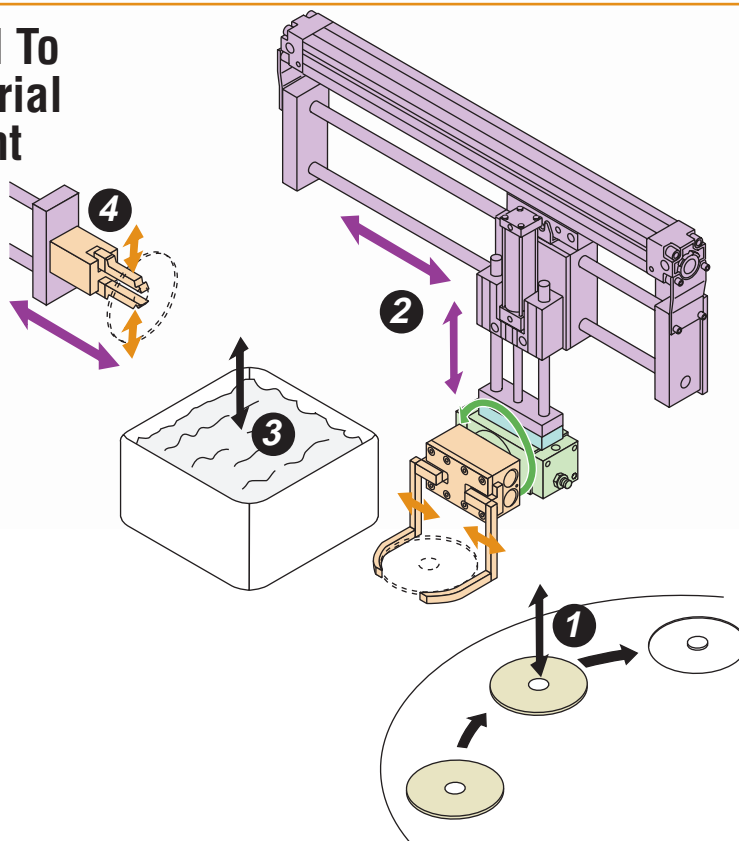
### SPECIFICATIONS

Minimum Working Pressure:	30 psi	[2 bar]
Maximum Working Pressure:	80 psi	[5.5 bar]
Total Grip Force at 60 psi [4.1 bar]	20 lb	[89 N]
Total Jaw Travel:	.5 inch	[12.7 mm]
Bore:	.472 inch	[12 mm]

## Plastic Gripper Used To Rinse/Transfer Material in Harsh Environment

After a polishing operation on a turntable (1) is completed, the (PET) plastic gripper picks up the part by its outside diameter. The part is transferred (2) to a deionized water bath (3) to rinse off the abrasive slurry.

After the rinsing process, the first gripper positions the part into the vertical axis to the second ID gripper (4). This ID gripper transfers the part onto a stack.

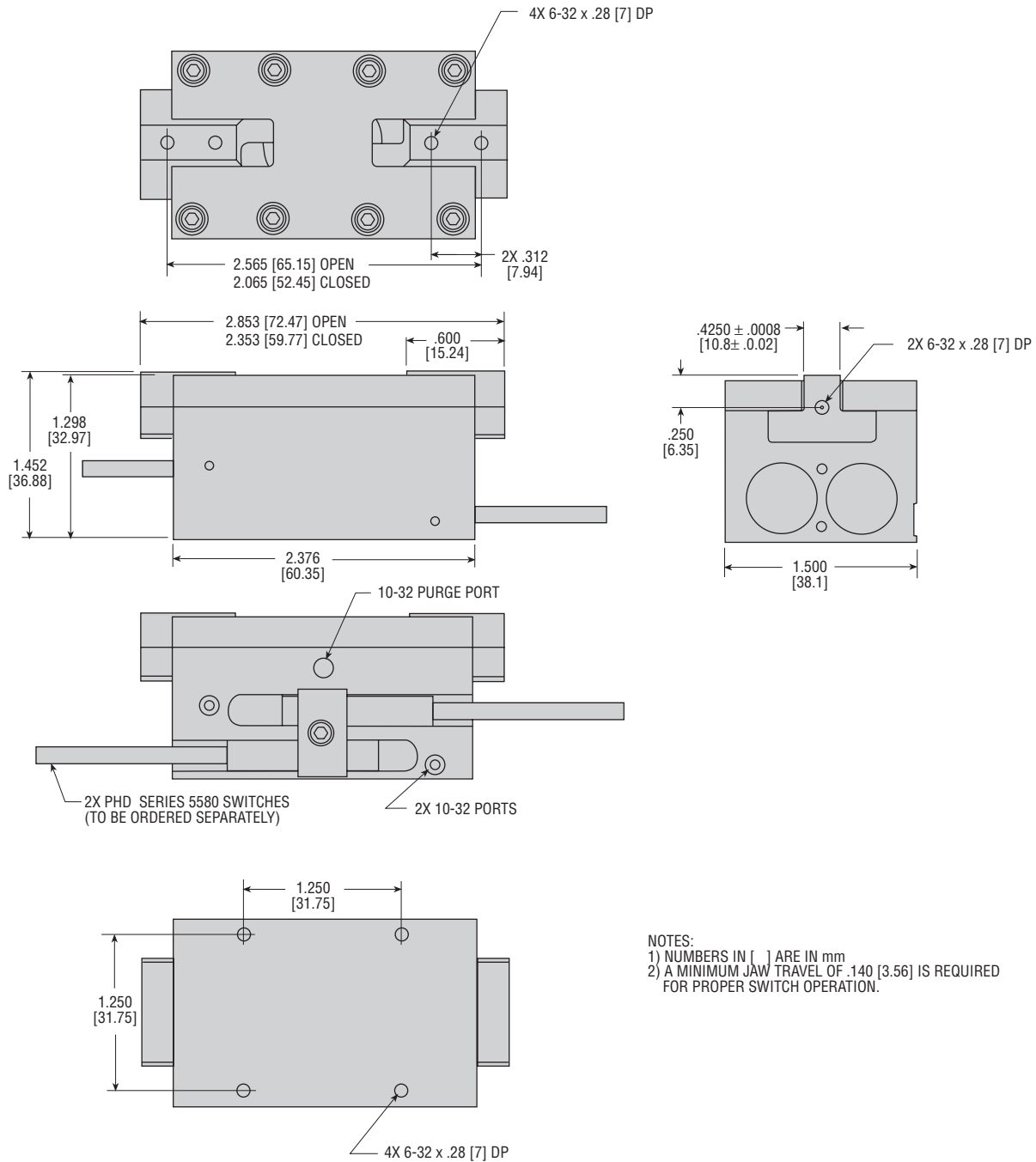


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CP003



# DIMENSIONS: POLYMER (PET) GRIPPER ML# 213853



CP003

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