



# Grinder Polisher Accessories

Sample holders are designed for use with Buehler's grinder-polishers to facilitate process automation and optimization. Many options for different sample sizes and shapes are available depending on the shapes, sizes, and capacities required.

## Single Force Specimen Holders

○ Round/Barrel

□ Rectangle

 Slides

∩ Teardrop

### EcoMet 30 Power Head *For use with 60-9005 Drive Adapter*

Part Number	Style	Size	Capacity	Additional Accessories
60-10060	○	1in	4	63-1022 Retaining Rings (Qty 6pk)
60-10061	○	1.25in	4	63-1023 Retaining Rings (Qty 6pk)
60-10062	○ 	1.5in	4	63-1024 Retaining Rings (Qty 3pk) 69-1583 1 x 2in Glass Slide Holder
60-10063	○	25mm	4	63-1022 Retaining Rings (Qty 6pk)
60-10064	○	30mm	4	63-1023 Retaining Rings (Qty 6pk)
60-10065	○	40mm	4	63-1024 Retaining Rings (Qty 3pk)



### AutoMet™ 250 Power Head *For use with 60-9005 Drive Adapter.*

Part Number	Style	Size	Capacity	Additional Accessories
60-9010	○ 	1in	6	63-1022 Retaining Rings (Qty 6pk) 60-9120 1 x 3in Glass Slide Holder 60-9130 2 x 3in Glass Slide Holder
60-9011	○	1.25in	6	63-1023 Retaining Rings (Qty 6pk)
60-9012	○	1.5in	6	63-1024 Retaining Rings (Qty 3pk)
60-9020	○	25mm	6	63-1022 Retaining Rings (Qty 6pk)
60-9021	○	30mm	6	63-1023 Retaining Rings (Qty 6pk)
60-9022	○	40mm	6	63-1024 Retaining Rings (Qty 3pk)
60-9030	○	Multiple	6	60-9031 1in Distance Rings 60-9032 1.25in Distance Rings
				60-9033 25mm Distance Rings 60-9034 30mm Distance Rings

### AutoMet™ 300 Power Head *For use with 60-9005 Drive Adapter.*

Part Number	Style	Size	Capacity	Additional Accessories
60-9060	○ 	1in	6	63-1022 Retaining Rings (Qty 6pk) 60-9120 1 x 3in Glass Slide Holder 60-9130 2 x 3in Glass Slide Holder
60-9061	○	1.25in	6	63-1023 Retaining Rings (Qty 6pk)
60-9062	○	1.5in	6	63-1024 Retaining Rings (Qty 3pk)
60-9063	○	2in	6	
60-9070	○	25mm	6	63-1022 Retaining Rings
60-9071	○	30mm	6	63-1023 Retaining Rings
60-9072	○	40mm	6	63-1024 Retaining Rings
60-9073	○	50mm	6	
60-9040	○	For Distance Rings	6	60-2106 1in and 25mm Distance Rings 60-2103 1.25in Distance Rings 60-2104 1.5in Distance Rings
				60-2102 30mm Distance Rings 60-2105 40mm Distance Rings
60-9049	○	For Target Holders	3	

# Central Force Specimen Holders



Round/Barrel



Rectangle



Slides



Teardrop

## AutoMet 300 Power Head

For use with 60-9000 Drive Adapter.

Uses Loading Plates 60-2412 or 60-2413

181mm diameter for 12" platens

Part Number	Style	Size	Capacity
60-5281	○	1in	10
60-5282	○	1.25in	10
60-5252	∇	1.25in or 30mm	9
60-5287	○	30mm	10
60-5283	○	1.5in	6
60-5253	∇	1.5in or 40mm	6
60-5288	○	40mm	6
60-5289	○	2in	3
60-5299	○	2in	5
60-5296	∇	2in or 50mm	5
60-5245	□	2 x 1.38in [50 x 35mm]	5
60-5297	□	55 x 30mm	5
60-5298	□	70 x 40mm	3

## AutoMet 250 and EcoMet 30 Power Heads

For use with 60-9000 Drive Adapters

Uses Loading Plates 60-2411 or 60-2413

130mm diameter for 8", 10" or 12" platens

Part Number	Style	Size	Capacity
60-2482	○	1in	6
60-2483	○	1.25in	6
60-2484	○	1.25in	3
60-2422	∇	1.25in [32mm]	6
60-2485	○	1.5in	3
60-2486	○	30mm	6
60-2487	○	40mm	3
60-2409	□	1 x 1.25in [25.4 x 31.75mm]	4

Uses loading plates 60-2411 or 60-2412 157mm diameter for 10" or 12" platens

60-8240	∇	18 - 51mm	5
60-8210	∇	12 - 40mm	6
60-8262	∇	10 - 25mm	12
60-8254	□	55 x 30mm	5
60-8255	□	70 x 40mm	3

# Accessories for Specimen Holders

## Loading Fixtures and Plates



Used for loading Central Force Specimen Holders to ensure planar samples.

\*See table above for loading plate and specimen holder compatibility.

Part Number	Description
60-2410	Loading Fixture
60-2411	Loading Plate for 130mm and 157mm diameter
60-2412	Loading Plate for 157mm and 181mm diameter
60-2413	Loading Plate for 130mm and 181mm diameter

## Drive Adapters



Pairs specimen holders to the chuck of the automatic head

Part Number	Compatible With
60-9000 Central Force	AutoMet 250/300 PlanarMet 300, EcoMet 30
60-9005 Single Force	AutoMet 250/300, EcoMet 30

## Target Holders



Designed for precise material removal to specified depths. Includes one ceramic and one steel stop ring.

Part Number	Description
60-8100	For 28 x 48mm glass slide (histologic holder)
60-8101	For 1in [25mm] mounted specimens
60-8102	For 1.25in [32mm] mounted specimens
60-8112	For 30mm mounted specimens
60-8113	For 40mm mounted specimens
60-9049	Specimen Holder for Target Holders (Drive Adapter required)



# Grinder Polisher Accessories

## Blank Specimen Holders



For use with 60-9000 Drive Adapter.

Part Number	Diameter	Power Head
60-2408	5.12in [130mm] for 8", 10" or 12" platens	EcoMet™ 30, AutoMet™ 250
60-5254	7.12in [181mm] for 12" platens only	AutoMet 300

## Slide Holders & Glass Slides

Glass Slide Size	Slide Holder	Single Force Specimen Holder	Glass Slides
1 x 3in	60-9120 (max 3 per specimen holder)	60-9010 for AutoMet 250 60-9060 for AutoMet 300	
2 x 3in	60-9130 (max 2 per specimen holder)	60-9060 for AutoMet 300	
27 x 46mm	60-9100 (max 3 per specimen holder)	60-9010 for AutoMet 250 60-9060 for AutoMet 300	40-8000-001 (Qty 144) 40-8000-010 (Qty 1440)
27 x 46mm	30-8005 hand-held holder		40-8000-001 (Qty 144) 40-8000-010 (Qty 1440)
28 x 48mm	60-9140 (max 3 per specimen holder)	60-9010 for AutoMet 250 60-9060 for AutoMet 300	

## PC-Met™ Precision High Volume Printed Wiring Board Accessory



- High volume printed wiring board preparation system
- Prepares up to 36 coupons simultaneously
- Prepares reproducible cross-sections of through-holes down to 0.008in
- For use with EcoMet™ 300 and AutoMet™ 250/300 Power Head

Part Number	Contents
60-5090	Indexing pins, carbide and diamond stops, coupon loader, dial indicator, gauge blocks and wooden case

### Accessories

60-5053	Coupon Pins 1.0625in [27mm] long (Qty 1000)
60-5067	Cup, Extended Upper Mold Plate, 0.8in (Qty 6)
60-9000	Central Force Drive Adapter for AutoMet™ 250/300

## PWB Met™ Small Hole Accessory



- High volume printed wiring board preparation system
- Prepares up to 18 coupons simultaneously
- Prepares reproducible cross-sections of through-holes down to 0.004in
- For use with EcoMet 300 and AutoMet 250 Power Head

Part Number	Contents
60-5175	Indexing pins, polycrystalline diamond stops, coupon loader, dial indicator calibration gauge, silicone mold release spray, gauge blocks, sample extractor and wooden case

### Accessories

60-5186	PWB Met Short Pin Loader 0.375in [10mm] long,
60-5084	PWB Met Pins 0.375in [10mm] long (Qty 3000)