

A) APEX M Magnetic Disc (1); APEX B Bimetallic Plate (2); designed to work with any PSA backed consumable (3); B) Simply add APEX M Magnetic Disc to convert your standard platen to a convenient magnetic-based system.

BUEHLER® A P E X™ QUICK -CHANGE M A G N E T I C S Y S T E M

As simple as 1 - 2 - 3! BUEHLER's new, innovative magnetic-based system provides the convenience of magnetism and the flexibility to choose your consumables.

The system consists of two components. The first component is a reusable, long-life magnetic substrate disc with a pressure sensitive adhesive (PSA) layer on one side that can be attached to any conventional platen; the second component is a non-rusting bimetallic plate. One side of the bimetallic plate is ferromagnetic; the other is nonmagnetic and acts as a barrier to the magnetic field below it. Lastly, the design of the system, unlike competitive systems, insures that you don't discard consumables designed with additional metal or any other non-recyclable material into our global environment.

Key Benefits:

- Convenient application and removal of your PSA-backed consumables. Eliminate changing bulky, heavier platens during a grinding/polishing procedure with this thin, lightweight system. Our

bimetallic plates are approximately 0.063" (1.6mm) thick.

- Flexibility to choose the appropriate consumables for your varied and numerous applications. This system provides you the freedom of choice for consumables by not locking you into any one consumables supplier.
- Proprietary, non-rusting metal design. As solution providers, we know that your work involves a wet environment.
- Cost effective. We know the capital cost of platens is significant, and your time and convenience are important factors in your work environment. With our system, simply add these thinly designed components to your current platens without incurring additional platen capital costs.
- Environmentally-friendly design. We are committed to designs that minimize environmental waste. Our system insures that you do not add additional metal or anything else to our global environment.

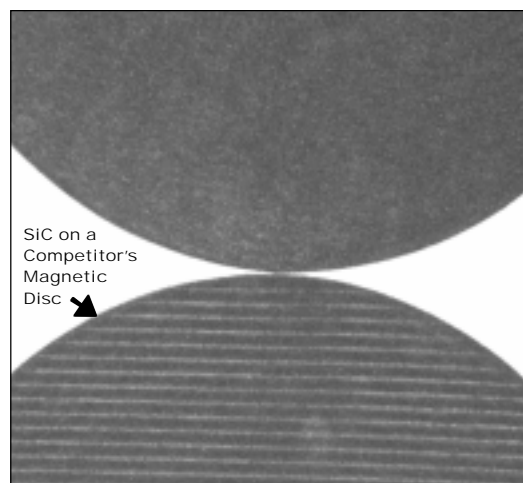
Ordering Information

Catalog Number	Description	Size	Quantity
41-2739-608-001	APEX M - Magnetic Disc	8" (200mm)	1
41-2739-610-001	APEX M - Magnetic Disc	10" (250mm)	1
41-2739-612-001	APEX M - Magnetic Disc	12" (300mm)	1
41-2739-208-001	APEX B - Bimetallic Plate	8" (200mm)	1
41-2739-210-001	APEX B - Bimetallic Plate	10" (250mm)	1
41-2739-212-001	APEX B - Bimetallic Plate	12" (300mm)	1

Note: Buehler recommends at least three (3) APEX B Bimetallic Plates and one (1) APEX M Magnetic Disc together for each polisher/grinder.

Accessories

Catalog Number	Description	Size
63-1008	VANGUARD Platen, for use with APEX Quick-Change Magnetic System	8" (200mm)
49-8005	PHOENIX 4000 Adapter, for use with APEX Quick-Change Magnetic System and Single Specimen Holder	—



The effects of a magnetic field on swarf adhering to silicon carbide paper attached to a system without a bimetallic plate.



BUEHLER

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