

3M™ Flexible Diamond Hand File 6210J Specifications



Applications	Deburring, Finishing
Bonding Type	Nickel
Brand	3M™
Color	Black, Red, White, Yellow
Color Family	Black, Red, White, Yellow
Converted Form	Hand File
Equipment - Machines	Hand Sanding
Form Type	File
For Use On	Ceramic, Composites, Glass, Soft Metals
Grade	M125, M20, M40, M74
Industries	Aerospace, Composite, General Industrial, Metalworking, MRO, Precision Grinding & Finishing, Transportation & Heavy Equipment
Length	1.5 Inch, 1.75 Inch, 2.5 Inch
Length (Metric)	37 mm, 38.1 mm, 44.45 mm, 63.5 mm
National Stock Number	5110014907213
Product Form	Hand File
Sub Industries	Builders Hardware, Medical Instruments, Metal Fabrication, Metal Implants, Plating & Polishing, Plumbing Fixtures, Turbine Engines
Substrates	Ceramic, Composites, Glass, Soft Metals
Width	0.25 Inch, 0.5 Inch, 0.75 Inch, 1.45 Inch
Width (Metric)	12.7 mm, 19 mm, 19.05 mm, 6.35 mm

Product Details

- Micron-graded diamond mineral delivers sharp, fast cutting action
- Plastic handle is lightweight and ergonomically designed for operator comfort
- Color coded by grade to help reduce error for multiple grades in a sequence
- May be used on a variety of hard to grind substrates from non-ferrous metals to stone and glass
- Great for deburring and finishing

3M™ Flexible Diamond Hand File 6210J includes micron graded diamond mineral anchored to a rigid plastic file in a metal bond matrix with an open dot pattern. It's ideal for deburring and finishing non-ferrous metals, as well as stone, glass and ceramic materials.



Lightweight and comfortable to use

Combining Sharp Cutting Action with Ergonomic Design

3M™ Flexible Diamond Hand File 6210J was created to help operators gain instant access to the workpiece by incorporating our diamond material into a hand-held design. For those parts that may have hard-to-reach areas or edges that may be hard to access, a hand tool sometimes proves itself to be the best solution.

Our 3M™ Flexible Diamond Hand File 6210J includes all the desirable attributes operators have come to expect from our Flexible Diamond products — including sharp cutting action and responsive design — with the user-friendliness of a hand tool. The plastic handle is rigid yet lightweight.

Available in a Variety of Grades

The diamond mineral on 3M™ Flexible Diamond Hand File 6210J is securely anchored to a plastic file with a metal bond. Metal bonds help abrasives endure repeated wear without breaking down too easily. Diamond, one of the toughest minerals, is long-lasting and cuts sharp. We offer diamond mineral in a variety of grades: 125, 74, 40 and 20 microns. In this way, operators can choose the right grade for their unique application. The hand files themselves are color coded to help operators keep track and reduce the risk for error when they're using multiple files in a sequence.

3M Science.
Applied to Life.™**

Altogether, our 3M™ Flexible Diamond Hand File 6210J is a good tool to have on hand when you're searching for effective cutting action and a hand-held tool that can help you access those hard-to-reach areas.