TOTAL SHARPENING SOLUTIONS
FOR EVERY STYLE OF SHARP

How the best perform
WHAT'S YOUR STYLE OF SHARP?

You rely on your dental instruments to be an extension of your skills, and keeping them in optimal condition will help you perform at your best. Sharp instruments improve deposit removal, increase tactile sensitivity, and allow for greater instrument control.¹

No matter what your style of sharpening is, Hu-Friedy can help you achieve your best clinical outcomes with our Total Sharpening Solution.

CHOOSE YOUR STYLE: HU-FRIEDY TOTAL SHARPENING SOLUTIONS

CLASSIC
The original sharpening technique: instrument in one hand, your favorite sharpening stone in the other. Hu-Friedy’s extensive selection of stones and cards provides many options to meet the needs and preferences for this classic style of sharpening.

CONTEMPORARY
For the clinician who prefers an innovative approach to sharpening, Hu-Friedy’s Sidekick is the answer. This portable and easy-to-use sharpener will provide consistent results every time.

HASSE-FREE
Not enough hours in the day to sharpen? Do you prefer a professional to handle this for you? Hu-Friedy’s Professional Sharpening Service is the perfect solution for your sharpening style!

Sharpening stones are the classic and original way to sharpen instruments. Hu-Friedy offers over 20 types of stones — I Stones, Arkansas, Ceramic, and Composition — plus the new Diamond Sharpening Cards for the various needs and preferences of the clinician.

I STONES

• Synthetic stone composed of aluminum oxide crystals with a fine or medium grit
• Oil lubrication is preferred, but this stone can also be lubricated with water
• Ideal for reconditioning/recontouring and maintenance sharpening

<table>
<thead>
<tr>
<th>TYPE</th>
<th>ORIGIN</th>
<th>METHOD</th>
<th>LUBRICANT</th>
<th>TEXTURE</th>
<th>APPLICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arkansas Stone</td>
<td>Natural</td>
<td>Unmounted</td>
<td>Oil</td>
<td>Fine</td>
<td>Routine sharpening and finishing</td>
</tr>
<tr>
<td>I Stone</td>
<td>Synthetic</td>
<td>Unmounted</td>
<td>Oil or Water</td>
<td>Fine to Medium</td>
<td>Sharpening of dull instruments or those requiring re-contouring</td>
</tr>
<tr>
<td>Ceramic Stone</td>
<td>Synthetic</td>
<td>Unmounted</td>
<td>Water or Dry</td>
<td>Fine/Medium</td>
<td>Routine sharpening and finishing</td>
</tr>
<tr>
<td>Composition Stone</td>
<td>Synthetic</td>
<td>Mounted</td>
<td>Water</td>
<td>Coarse</td>
<td>Reconditioning of dull instruments</td>
</tr>
<tr>
<td>Diamond Sharpening Cards</td>
<td>Diamond Micron Coated Steel Plate</td>
<td>Unmounted</td>
<td>Dry or Water</td>
<td>Extra Fine/Fine and Medium</td>
<td>Create fine edges on blades, routine sharpening and reconditioning of dull instruments</td>
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</tbody>
</table>

REFERENCE

ARKANSAS STONES
- Natural, quarried stone
- Ideal for honing, light recontouring and maintenance sharpening
- Oil lubrication is recommended

CERAMIC STONES
- Hard synthetic stones available in fine, medium and coarse grits
- Excellent for routine sharpening of dental instruments
- Use water for lubrication or may be used dry
- When sharpening, there will be an accumulation of metal filings rather than “sludge”

COMPOSITION STONES
- Feature a coarse aluminum oxide stone for recontouring of lateral and facial instrument surfaces
- Range of shapes and sizes for your advanced sharpening needs
- Can be used in both high and low speed handpieces

**WHY USE OIL TO LUBRICATE?**
Oil floats the metal shavings and prevents them from clogging the pores of the stone. The stone abrasiveness will be reduced if the pores are clogged with metal shavings. The mix of oil and metal shavings is known as sludge.

**Q&A**

**No. 4 Arkansas Flat**
- **SS4**
- Hard Fine Grit
- 4-1/16" x 1" x 3/8"

**No. 6A Arkansas Thick Wedge**
- **SS6A**
- Hard Fine Grit
- Rounded edges for optional contouring. 4" x 1-1/8" x 3/8" down to 1/8"

**No. 5 Arkansas Bates**
- **SS5**
- Hard Fine Grit
- Channeled stone for use with explorers, scalers, carvers and disc-shaped instruments. 4" x 1-1/2" x 1/2"

**299 Arkansas Conical**
- **SS299**
- Super Fine Grit
- Tapered tip for detailed honing. 3-1/2" x 5/16" base

**AS-22 Arkansas Super Hard**
- **SSAS22**
- Super Fine Grit
- Beveled edges for optional contouring. 2-1/4" x 7/8" x 3/16"

**No. 2 Arkansas Cylindrical**
- **SS2**
- Super Fine Grit
- For sharpening facial surface of curette. 4" x 1/4"

**No. 3 Ceramic**
- **SS3C**
- Medium Grit
- 3" x 1/4" x 1/4"

**Dual Grit Stone**
- **SSDGRIT**
- Features a coarse ceramic side for recontouring and a light ceramic side for finishing and honing. 4" x 5/8" x 1"

**Ceramic Cylindrical**
- **SSKC**
- Fine Grit
- 4" x 5/16"

**No. 301**
- **SS301**
- 1/4" x 5/8" diameter

**No. 303**
- **SS303**
- 1/4" x 1/4" diameter

**No. 305**
- **SS305**
- 1/4" x 1/4" diameter

**No. 304**
- **SS304**
- 1/4" x 5/8" diameter

**No. 300**
- **SS300**
- 3/8" x 1/4" at base

**No. 302**
- **SS302**
- 1/8" x 1/8" diameter
For clinicians who prefer to work with contemporary sharpening technology, the Sidekick Sharpener is a convenient sharpening option for scalers and curettes. It’s lightweight, cordless and requires minimal space. Easy-to-use guide channels allow simple positioning of scalers and curettes, while the reciprocating stone does the sharpening.

A uniform coating of industrial diamonds bonded to high quality stainless steel provides an extremely hard, flat surface for instrument sharpening.

Durable surface resists grooving and ditching; remains flat after repeated use and will not break or shatter if dropped.

Easy clean-up via ultrasonic cleaner and steam sterilization.

No oil lubrication needed for sharpening procedures.

Thin credit-card size shape allows sharpening cards to readily fit into sterilization pouches or cassettes with procedural set-ups.

I love that the Diamond Sharpening Card is lightweight and easy to hold, and little pressure is needed during sharpening to get the desired results.

— MICHELLE WILLIAMSON, RDH

HOW DO I USE A DIAMOND SHARPENING CARD? The same sharpening techniques and angles that are used with traditional sharpening stones can be used with the Diamond Sharpening Cards. Please see Hu-Friedy’s “It’s About Time” sharpening manual/DVD (SDVD) available through your dealer or view the “It’s About Time” sharpening instructional modules on YouTube.com.

Q&A

A SHARPER EDGE IN 1-2-3

1. Position the instrument in the proper channel, with the terminal shank resting on the incline of the channel.
2. Position the back of the instrument blade along the backstop.
3. Turn the unit on, and glide the instrument within the channel from side to side.

• A uniform coating of industrial diamonds bonded to high quality stainless steel provides an extremely hard, flat surface for instrument sharpening.

<table>
<thead>
<tr>
<th>CLASSIC+</th>
<th>DIAMOND SHARPENING CARDS</th>
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| SIDEKICK® SHARPENER |

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<tr>
<th>Three Grits Available</th>
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<tr>
<td>Extra Fine Grit Diamond Sharpening Card</td>
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<tr>
<td>Fine Grit Diamond Sharpening Card</td>
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<tr>
<td>Medium Grit Diamond Sharpening Card</td>
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<td>Extra Fine, Fine and Medium Grit Diamond Sharpening Cards</td>
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| Contempary | SIDEKICK® SHARPENER |

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<th>Replacement Parts &amp; Accessories</th>
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<tr>
<td>Stone Clip</td>
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<tr>
<td>Guideplate Screw</td>
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<tr>
<td>Guideplate</td>
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<tr>
<td>Ceramic Stone</td>
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<tr>
<td>Magnifying Lens</td>
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<tr>
<td>Coarse Stone</td>
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</table>
Sometimes there are not enough hours in the day to accomplish all the steps in your clinical routine. Or, you simply prefer to entrust your instruments to a sharpening professional.

Whichever the case, the Hu-Friedy Professional Sharpening Service offers over thirty years of experience in instrument finishing and sharpening. Through this service, our expert artisans recreate factory cutting edges – sharpening instruments to the performance level of brand new scalers. They also sharpen operative instruments and examine joints and blades on hinged instruments so that they look and function like new!