



## 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.\*

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.

### HASSLE-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!

## CLASSIC | SHARPENING STONES

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

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

## 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



**No. 1 I-Stone | SSF1**  
Fine Grit  
Follow with fine or super-fine grit stone for finishing.  
4" x 1" x 1/2"



**309 I-Stone | SS309**  
Fine Grit  
Beveled edges for contouring.  
4" x 1/2" to 1/4" x 1/4" to 1/8"



**MS-22 I-Stone | SSMS22**  
Medium Grit  
Follow with fine or super-fine grit stone for finishing. Beveled edges for contouring.  
2-1/4" x 7/8" x 3/16"



**No. 6 I-Stone Wedge Shape | SS6**  
Medium Grit  
Follow with fine or super-fine grit stone for finishing.  
4-1/2" x 1-7/8" x 3/8" down to 1/8"

Sharpening stones are not shown to size.

\*Fundamentals of Periodontal Instrumentation & Advanced Root Instrumentation, J. Nield-Gehrig, 6th Edition, Lippincott Williams & Wilkins, 2008

## CLASSIC | SHARPENING STONES

### ARKANSAS STONES

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



**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 1-7/8" x 3/8"  
down to 1/8"



**No. 5  
Arkansas Bates**  
| **SS5**  
Hard Fine Grit  
Channeled stone for use with  
explorers, scalars, 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  
Arkansa  
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"

## Q&A

**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.

## CLASSIC | SHARPENING STONES

### 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"



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

### 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



**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"



**No. 301**  
| **SS301**  
1/4" x 3/8"  
diameter



**No. 303**  
| **SS303**  
1/4" x 1/2"  
diameter



**No. 305**  
| **SS305**  
1/4" x 3/4"  
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



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

## CLASSIC+ | DIAMOND SHARPENING CARDS

NEW

- 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.



### Three Grits Available

|   |          |
|---|----------|
| Extra Fine Grit Diamond Sharpening Card                   | DSCXFINE |
| Fine Grit Diamond Sharpening Card                         | DSCFINE  |
| Medium Grit Diamond Sharpening Card                       | DSCMED   |
| Extra Fine, Fine and Medium Grit Diamond Sharpening Cards | DSCSET   |

“ 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

## Q&A

**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.

## CONTEMPORARY | SIDEKICK® SHARPENER

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 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

### Sidekick Sharpening Kit | SDKKIT

Includes: Sidekick Unit, User Manual, Ceramic Sharpening Stone, Plastic Test Stick, Magnifying Lens and 2 AA Batteries

### Replacement Parts & Accessories

|                  |            |
|------------------|------------|
| Stone Clip       | SDKCLIP    |
| Guideplate Screw | SDKGPSCREW |
| Guideplate       | SDKPLATE   |
| Ceramic Stone    | SDKSTONEC  |
| Magnifying Lens  | LENS       |
| Coarse Stone     | SDKSTCOARS |

## HASSLE-FREE | PROFESSIONAL SHARPENING SERVICE

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!



For more information about  
Hu-Friedy's Total Solutions visit  
**HU-FRIEDY.COM**

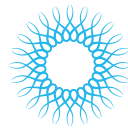
PERIODONTAL



RESTORATIVE



ORTHODONTIC



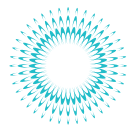
INSTRUMENT  
MANAGEMENT



ENDODONTIC



SURGICAL



ULTRASONIC  
SCALING



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