

GRIT CHART SHOWING SHAPTON STONES

The particle size in any given abrasive medium determines where it fits in the four stages of sharpening:

1. Shaping: establishing the basic edge profile, usually required only after major damage
2. Grinding: defining the geometry of the bevels and relief that form the edge
3. Honing: preparing the blade for use
4. Polishing: imparting a keener edge to a honed blade

The chart is divided into grit ranges suitable for each stage, with the last three split into low, medium and high sub-ranges (A, B and C, respectively). This provides a practical frame of reference to help make sense of the various micron sizes offered, and a way to compare Shapton products to other sharpening media we sell, each of which has been graded with its own range code according to this system. For a full side-by-side comparison between all sharpening materials we offer, search for "grit chart" on our website.

HA-NO-KUROMAKU CERAMIC STONES

Sharpening Stage	Grit Range (μ)	Micron (μ)	Kuromaku	Range Code
Shaping 30.1-150	30.1-150	122.5	120	1
		66.82	220	
		45.94	320	
Grinding 10.1-30	20.1-30	29.4		2A
		25		
	15.1-20	20		2B
	10.1-15	14.7	1000	2C
Honing 3.01-10	8.01-10	9.8	1500	3A
	6.01	7.35	2000	3B
	3.01-6	6.7		3C
		4		
		3.68		
Polishing 0.25-3	1.51-3	3	5000	4A
		2.94		
		2.45		
		2		
	0.76-1.5	1.84	8000	4B
		1.47		
		1.2		
		1	12000	
	0.25-0.75	0.92		4C
		0.85		
0.49		30000		
0.44				

GLASSSTONE SERIES (GS)

Sharpening Stage	Grit Range (μ)	Micron (μ)	GlassStone	Range Code	
Shaping 30.1-150	30.1-150	122.5	120	1	
		66.82	220		
		45.94	320		
Grinding 10.1-30	20.1-30	29.4	500	2A	
		25			
	15.1-20	20		2B	
	10.1-15	14.7	1000	2C	
Honing 3.01-10	8.01-10	9.8		3A	
	6.01	7.35	2000	3B	
	3.01-6	6.7		3000	
		4			
		3.68	4000		
Polishing 0.25-3	1.51-3	3		4A	
		2.94			
		2.45	6000		
		2			
	0.76-1.5	1.84	8000	10000	4B
		1.47			
		1.2			
		1			
	0.25-0.75	0.92	16000	30000	4C
		0.85			
0.49					
0.44					

GLASSSTONE SEVEN SERIES (GS7)

Sharpening Stage	Grit Range (μ)	Micron (μ)	GlassStone 7	Range Code	
Shaping 30.1-150	30.1-150	122.5		1	
		66.82			
		45.94			
Grinding 10.1-30	20.1-30	29.4		2A	
		25	25.0μ		
	15.1-20	20		2B	
	10.1-15	14.7		2C	
	11.5	11.5μ			
Honing 3.01-10	8.01-10	9.8		3A	
	6.01	7.35		3B	
	3.01-6	6.7	6.70μ		
		4	4.00μ	3C	
		3.68			
Polishing 0.25-3	1.51-3	3	3.00μ	4A	
		2.94			
		2.45			
		2	2.00μ		
	0.76-1.5	1.84		1.2μ	4B
		1.47			
		1.2			
		1			
	0.25-0.75	0.92		0.85μ	4C
		0.85			
0.49					
0.44		0.44μ			