



STONE GRINDING MENU 2016-2017

GRIND UPDATE

We have made a number of big changes to our stone grinding operations in the last two years. The new Tazzari RP-23 that arrived here from Italy in 2014 has plenty of new features that make our grinding operations much more efficient and consistent. These include a high pressure wash system that can thoroughly clean the stone at the flick of a switch, a new computer interface that allows us to program and cut structures with ease, a new updated diamond drive that adds to the precision of the machine and new stones. We also streamlined our

operations by moving our old grinder from Boulder to Minneapolis. Having all of our grinding operations in one place gives us better focus on operations so we deliver consistent, high-quality grinds to you quickly and efficiently.

S0.3 GRIND & GRIND DEVELOPMENT

The S0.3 grind has now replaced S0.1 as our extreme cold skate grind. We tested some new grinds in 2015-16, but nothing good enough to change our menu. We have a promising uni-warm grind and a few others to test this season. Stay tuned!

BNS GRIND NAMING SYSTEM

The BNS grind naming system simplifies grind selection. The system is easy: each name starts with "S" or "C" to designate skate/classic. The first digit corresponds to moisture and temperature range on a scale of 0 (cold/dry) to 5 (warm/wet). The second digit corresponds to snow type ranging from 0 (new/sharp) to 5 (transformed/rounded). These names bring clarity to each grind's characteristics and also allow you to easily compare grinds relative to each other just by looking at their names.

GRINDING MENUS

"Keep It Simple, Stupid," or The KISS principle, should apply to stone grind choice. We recommend our core grinds on the menus to the right as the starting point for everyone. These broad-range structures provide a solid foundation to handle every condition, whether you have one pair of skis or twenty.

Our Simple Grind Menu is based on how many pairs of skis you have in your fleet. Ninety-five percent of racers have one, two or three pairs of skis, and we recommend different mixes of our core grinds based on how many skis you have to work with. To find the right mix of grinds for your fleet, choose skate/classic and then pick the grinds that are highlighted for the number of pairs of skis you have.

Every region has unique snow conditions. Skiers in the dry Mountain West will want to adjust toward the colder end of the menu, while skiers in the Northwest and California should consider moving to the warmer end of the spectrum. We are always happy to consult with individuals and teams to make recommendations that keep your life simple but ensure you get the best we have to offer.

Over the last few years we have moved our core grinds toward the finer end of the scale, providing broader-range solutions that can be modified by hand structure. Everyone from ski manufacturers to national teams have migrated toward this approach, so we are confident that these new core grinds are the best choices. We have two grinds on the extreme ends of the scale that are so good they have almost made the skate core: for extreme cold, we recommend S0.3. For wet conditions, S4.2 is an excellent choice. For a racer in the Rockies, S0.3, S1.3 and S2.2 would be a great setup for 3 pairs of skis, while east and west-coast skiers might go warmer with S1.3, S2.2 and S3.2/S4.2.

SIMPLE GRIND MENU

		1 pair	2 pairs	3 pairs
CLASSIC	C4.2 (Li3)		✓	✓
	C2.2 (Li2)	✓		✓
	C1.2 (XTi2)		✓	✓
SKATE	S3.2 (FS2)			✓
	S2.2 (S2-1x)		✓	✓
	S1.3 (CV0)	✓	✓	✓

EXPANDED RACING MENU

The reality is that snow conditions vary wildly and we sometimes need structures to complement our broad-range core grinds. The core grinds are highlighted in the middle of these expanded menus, but you'll also find the rest of the structures that have proven themselves worthy of being in our primary repertoire. Find out more details about our grinds at bouldernordic.com.

