

'SNOW BIKE' mountain bike studs by Ugigrip-Vallgrip & Eric Barone

CONTEXT

Eric Barone & Ugigrip-Vallgrip co-designed mountain bike tyre studs to provide the best grip for Snow Bike riding.

OBJECTIVES

- Enhance grip ► Conical shape design that penetrates snowy/icy surface
- Offer an easy installation solution for riders ► Threaded part to screw the studs within the tyres

DESCRIPTION

Production

Aluminum studs manufactured using cold-forging and rolling processes to guarantee sufficient mechanical resistance for use on ice and snow.

Studs types: 3 sizes

6mm (1g), 8mm (1.1g), 10mm (1.2g)



Material benefits: Anti-corrosive, stays light even when a large quantity of studs are installed in the tyre.



Which type to choose?

- Check the maximum length on the wheel arches according to the bike frame
- The largest studs provide more grip (best for the tyre's sides, keeping them as vertical as possible)
- The smallest studs offer less rolling resistance (recommended on the tread)
- Other factors to consider: riding style and terrain conditions (hard, frozen or soft snow)

STUDS INSTALLATION

How to determine the number of studs needed, depending on the size?

- Optimise placement based on the distribution of rubber knobs
- The best approach: maintain a consistent and evenly spaced pattern based on the desired level of grip

Studding tips

- Use a screw-gun or a drill with a 6mm bit
- Use tubeless tyres with sealant or anti-pinch foam for added safety
- Inflate tyres slightly above the regular pressure
- Screw each stud into the center of the selected rubber knob on the tyre



Check out our video tutorial!

