

Permissible pressure range (in BAR) for a given wheel model, depending on application and tyre width

WHEEL MODEL	23-24 mm	25-26 mm	27-28 mm	29-31 mm	32-35 mm	36-45 mm (1.38-1.8")	46-55 mm (1.81-2.17")	Over 55 mm (over 2.17")
VINCI TORE	X	2.75-7.92	2.62-6.89	2.62-6.2	2.41-5.51	2.41-4.82	2.2-4.1	X
VINCI RAPID	X	2.75-7.92	2.62-6.89	2.62-6.2	2.41-5.51	2.41-4.82	2.2-4.1	X
VINCI SENTIERO	X	2.62-7.92	2.62-6.89	2.62-6.2	2.41-5.51	2.2-4.82	2.0-4.1	X
VINCI GRV hookless	X	X	X	X	2.07-4.0	1.93-3.72	1.72-3.44	1.72-3.1
VINCI GRV hooked	X	X	X	X	2.07-5.25	1.93-4.4	1.72-4.2	1.72-3.7
VINCI GRV RACE	X	X	X	X	X	1.93-3.72	1.72-3.44	1.72-3.1
VINCI ARMA MTB	X	X	X	X	X	2.2-2.89	1.84-2.73	1.58-2.6
VINCI SCUDO MTB	X	X	X	X	X	2.2-2.89	1.84-2.73	1.58-2.6

X – not applicable

IMPORTANT INFORMATION FOR WHEELS WITH HOOKLESS RIMS

Do not exceed the permissible tyre width for the given wheel model (specified in the table on the next page). When using a pressure lower than 2.2 bar (32 PSI), we strongly recommend using protective/anti-pinch inserts.

For wheels equipped with hookless rims, it is absolutely essential not to exceed the maximum pressures permitted by the tyre manufacturers. Due to the possible inaccuracy of the gauges in some pump models, possible heating of the air and pressure changes while riding, and other factors, our maximum permissible pressure for hookless rims is 4 bar. For safety reasons, for tyres other than MTB tyres, it must at the same time be at least 1 bar lower than the maximum pressure specified by the manufacturer of the given tyre for use with hookless rims.

Hookless rims require gravel or MTB tyres designed for tubeless systems (although it is possible to use such tyres on these rims with an inner tube). If you wish to use strictly road tyres on hookless rims, tyres designated by the manufacturer as hookless-compatible are permitted.

Permissible and optimal tyre width range for a given wheel model

Main application	Wheel series	Wheel models	Rim width (internal / external)	Optimal tyre width range	Permissible tyre width range
Road, disc brakes	Vinci Tore	50 mm Wave	21 mm / 30 mm	25-28 mm	24-50 mm
	Vinci Rapid	40 mm, 50 mm	21 mm / 30 mm	25-28 mm	24-50 mm
	Vinci Sentiero	35 mm, 45 mm, 55 mm, 60 mm, 50 mm Wave	23 mm / 32.2 mm	28-32 mm	26-55 mm
Gravel	GRV	35 mm hooked	30 mm / 36 mm	35-50 mm	33-60 mm
		35 mm hookless	30 mm / 36 mm	35-50 mm	35-64 mm
		45 mm hooked	28.5 mm / 36 mm	35-50 mm	33-60 mm
		45 mm hookless	30 mm / 36 mm	35-50 mm	35-64 mm
		Wide 40 mm hooked	32 mm / 41 mm	38-55 mm	37-68 mm
		Race 47 mm hookless	32 mm / 41 mm	38-55 mm	37-68 mm
MTB (XC/XCM)	MTB 29er	SCUDO (hookless)	30 mm / 35 mm	2.0-2.5"	1.5-3.0"
		ARMA (hookless)	27 mm / 33 mm	2.0-2.5"	1.5-3.0"

Optimal tyre width range – the widths that work best with a given rim, both in terms of aerodynamics and rolling resistance.

Permissible range – the maximum tyre widths that can be safely used on the given rims.