

OCTANE ONE WHEELBUILDING INFO

What spoke lengths do I need to use with Octane One hubs / rims?

Please look up the hub / rim that you are interested in. You will find all the info for spoke calculators.

One of them that you can use is on www.dtswiss.com

RIMS

RIM MODEL	Diameter / ERD [mm]
2019-2017 Solar Pro 29"	600
2019-2017 Solar Pro 27.5"	562
2019-2014 Solar Pro 26"	536
2016 Solar Pro 27.5"	564
2014 Solar Pro 24"	485
2013-2013 Solar 31 26"	543
2013-2012 Solar 31 24"	491
2013-2012 Solar 34 26"	536
2013-2012 Solar 34 24"	485
2011 Solar 32 26"	534
2011 Solar 32 24"	482
2011 Solar 33 26"	534
2011 Solar 33 24"	482

Octane One rims are designed for standard lacing - we suggest 3 cross

HUBS

HUB MODEL	P.C.D LEFT [mm]	P.C.D RIGHT [mm]	LEFT-CENTER [mm]	RIGHT-CENTER [mm]	O.L.D [mm]
2019 Orbital Boost 15	58	51	27	41	110
2019-2018 Orbital 15	58	51	22	34	100
2019-2018 Orbital 20	58	51	22	34	110
2019-2018 Orbital Cassette Boost 148x12	58	58	37	22	148
2019-2018 Orbital Rear Pro 142x12	58	58	35	21	142
2019-2018 Orbital Single Pro	58	58	34	37	135
Orbital 15	58	58	22	34	100
Orbital 20	58	58	22	34	110
Orbital Rear Pro 142x12	58	58	34	21	142
Orbital SS Pro	58	58	34	38	135
Orbital Rear 135x100	58	58	34	21	135
Orbital Rear Pro 135x10	58	58	34	21	135
Orbital SS	58	58	37	37	135

P.C.D: Pitch Circle Diameter [left & right flange size]

LEFT-CENTER / RIGHT-CENTER: distance between the left / right flange and the center of the hub

OLD: Outer Locknut Dimension [overall width of the hub]

spoke holes diameter: $\varnothing = 2.5\text{mm}$

All 2019-2016 Octane One hubs are available in 32 spoke holes version only.

***2019-2018 hubs are not compatible with pre-2018 hubs spares (older replacement parts fits only 2011-2017 hubs)...**

***2019-2018 O1 hubs use the same inner parts as 2019-2018 NS hubs.**