

Shimano SLX M675 and XT M785 Double Crankset Compatibility with 104 BCD Chainrings Wolf Tooth Components



XT M785 and SLX M675 Double Chainring Crankset



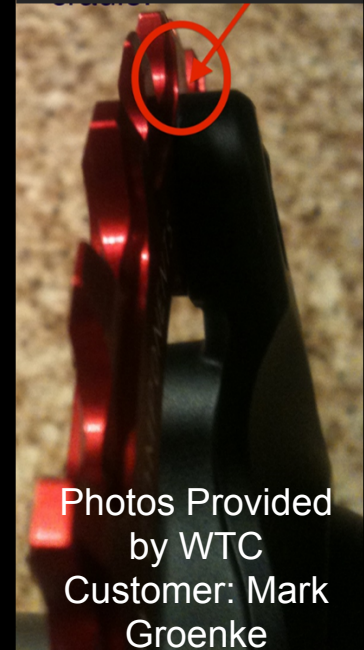
- These cranksets uses 104 BCD rings
- These cranksets can use the stock bolts or 6mm bolts like WTC's bolts for affixing the rings 34-38t
- The 32t ring requires modification and option 2 uses the same bolts as the 34-38t rings. Option 1 will require the stock bolts
- For the 30t x 104 ring you must use 10mm bolts like the ones WTC offers.
 - This is so enough threads are engaged with the ring
- When using the 32t ring (only this size) some modifications must be made - see next slide

Mounting a 104 x 32t ring

- With a 32t ring (only a 32t!!) the chain will interfere with the spider arms - See Picture on Right
 - WTC does not recommend this but the chain will “Modify” the crankset for you after a few rides (chain is much harder than the spider) but will be noisy during this period and may cause chain suck.
- WTC suggests Option 1 but there is an Option 2:
 - Option 1: Use the stock bolts and [2mm bolt spacers](#). The spacers should go between the ring and spider spacing the ring away from the spider
 - Option 2: File the spider per pictures below (note that this will void Shimano’s warranty; this is why we recommend option 1)



Chain
Interferes with
the tip of the
Spider Arm



Option 1

This option, adding a 2mm bolt spacer, is what WTC suggests to accommodate the extra length in spider arms

1



2



3



Photos Provided by WTC Customer: Anfernee Leung

Option 2

This option, filing the crankset, is a good option but voids the Shimano warranty (why we suggest option 1)

1. File a chamfer on the tip of the spider



2. Chamfer should be ~45 degrees and should NOT extend to the bolt hole (~1/2 way from tip to bolt hole)



3



Photos Provided by WTC Customer: Mark Groenke