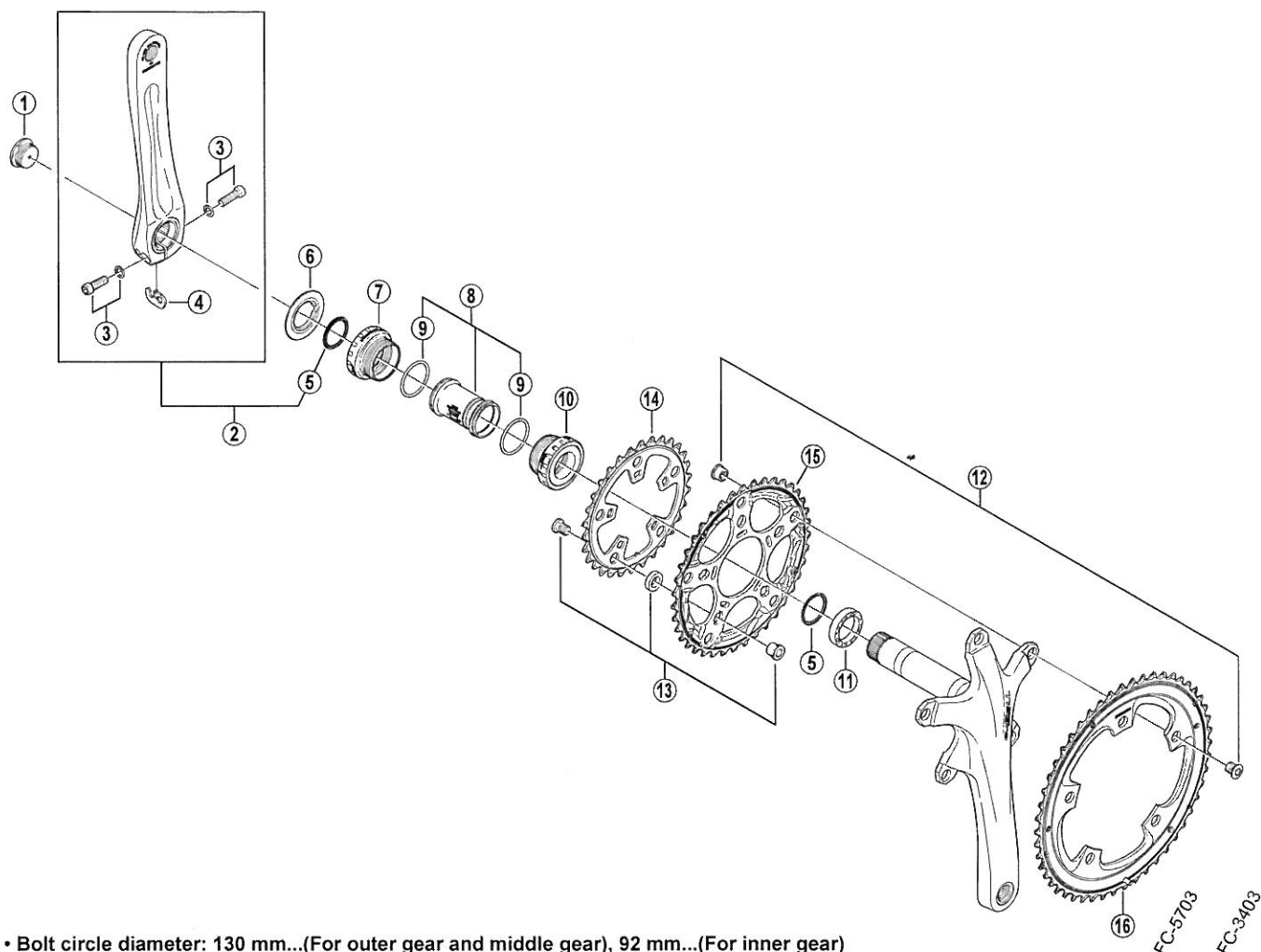


TIAGRA Front Chainwheel FC-4603



• Bolt circle diameter: 130 mm...(For outer gear and middle gear), 92 mm...(For inner gear)

ITEM NO.	SHIMANO CODE NO.	DESCRIPTION	INTERCHANGE-ABILITY
1	Y1KS13000	Crank Arm Fixing Bolt	A
2	Y1MH98010	Left Hand Crank Arm 165 mm	B
	Y1MH98020	Left Hand Crank Arm 170 mm	B
	Y1MH98030	Left Hand Crank Arm 172.5 mm	B
	Y1MH98040	Left Hand Crank Arm 175 mm	B
3	Y1KS98030	Clamp Bolt (M6 x 19) & Washer	A A
4	Y1GE98050	Plate	A A
5	Y1F316000	Ring	A A
6	Y1GF11000	Spacer (3 mm)	A A
7	Y1MH98050	Left Hand Adapter (B.C.1.37" x 24T) English Thread	B B
	Y1MH98060	Left Hand Adapter (M36 x 24T) Italian Thread	B B
8	Y1MH98070	Inner Cover & O-Ring	B B
9	Y1TF21000	O-Ring	A A
10	Y1MH98080	Right Hand Adapter (B.C.1.37" x 24T) English Thread	B B
	Y1MH98090	Right Hand Adapter (M36 x 24T) Italian Thread	B B
11	Y1F913000	Spacer (6.5 mm)	A A
12	Y1HD98020	Double Gear Fixing Bolt (M8 x 8.5) & Nut (5 sets)	B A
13	Y1MJ98010	Inner Gear Fixing Bolt Unit (M8 x 9.6 / 5 sets)	
14	Y1MJ30000	Chainring 30T-D (Silver)	
15	Y1MJ98020	Chainring 39T-D (Silver)	
16	Y1MJ98030	Chainring 50T-D (Silver)	B

A: Same parts.

B: Parts are usable, but differ in materials, appearance, finish, size, etc.

Absence of mark indicates non-interchangeability.

Mar.-2011-3145

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Specifications are subject to change without notice.

SHIMANO