



FC-M543-LK
(SM-BB50)



FC-M542-L
(SM-BB50)



FC-M521-L
BB-ES25-AK



FC-M521-S
BB-ES25-AK



FC-M443-8-L
BB-ES25



FC-M442-S
BB-UN26



Non-Series Components

Cranksets for 9-speed

FC-M545 Compact Crankset

SM-BB50 Standard Bottom Bracket

Press fit BB (SM-BB91-41A) also available

- 2-piece construction
- Hyperdrive SG-X chainrings
- DUAL SIS compatible
- All-Mountain compact drive
- Reinforced construction
- Chainline : 46.8mm
- Color options : Black, silver



FC-M542-L/S Crankset

SM-BB50 Standard Bottom Bracket

Press fit BB (SM-BB91-41A) also available

FC-M543-LK/SK Crankset

SM-BB50 Standard Bottom Bracket

- 2-piece construction
- Hyperdrive SG-X chainrings
- DUAL SIS compatible
- Outboard bearing system
- Steel spindle
- Alloy outer, middle rings
- Special designed outer ring
- Chainline : 50mm
- Color options : Black, silver

FC-M521-L/S HOLLOWTECH Crankset

BB-ES25-AK OCTALINK Bottom Bracket

- OCTALINK construction
- Hyperdrive SG-X chainrings
- DUAL SIS compatible
- Chainline : 50mm
- Color options : Black, silver

FC-M443-8-L/S Crankset w/OCTALINK BB Mount

FC-M442-8-L/S Crankset w/OCTALINK BB Mount

BB-ES25 OCTALINK Bottom Bracket

- Hyperdrive SG-X chainrings
- DUAL SIS compatible
- Chainline : 47.5mm/50mm
- Color options : Black, silver
- Oversize BB spindle (BB-ES25)

FC-M443-L/S Crankset w/square BB Mount

FC-M442-L/S Crankset w/square BB Mount

BB-UN26 Bottom Bracket

- Hyperdrive SG-X chainrings
- DUAL SIS compatible
- Chainline : 47.5mm/50mm
- Color options : Black, silver

Model No.	FC-M545	FC-M542-L/S	FC-M543-LK/SK	FC-M521-L/S	FC-M443-L/S	FC-M443-8-L/S (OCTALINK)	FC-M442-L/S	FC-M442-8-L/S (OCTALINK)	
Standard Bottom bracket	(SM-BB50)	(SM-BB50)	(SM-BB50)	BB-ES25-AK/E	BB-UN26(-K)	BB-ES25(-K)	BB-UN26(-E)	BB-ES25(-E)	
Press fit bottom bracket	(SM-BB91-41A)	(SM-BB91-41A)	—	—	—	—	—	—	
Chainring combination	36-22T	44-32-22T	44-32-22T 48-36-26T	44-32-22T 48-36-26T	44-32-22T 48-36-26T	44-32-22T 48-36-26T	44-32-22T	44-32-22T	
2-piece solid crankset	X	X	X	—	—	—	—	—	
HOLLOWTECH	—	—	—	X	—	—	—	—	
OCTALINK	—	—	—	X	—	X	—	X	
Material	Outer	—	aluminum	aluminum	aluminum	44T steel 48T aluminum	44T steel 48T aluminum	steel**	steel
	Middle	aluminum	aluminum	aluminum	aluminum	steel	steel	steel	steel
	Inner	steel	steel	steel	steel	steel	steel	steel	steel
Chainguard compatibility	w/ bash guard	X	X	X	X	X	X	X	
Chaincase compatibility	—	—	X	X	X	X	—	—	

* L : Black color, S : Silver color, K : Chaincase compatible, E : E-type FD use

** FC-M442-L : aluminum also available

X = yes

SM-RT61



FH-M525-S



BL-M486



BR-M486



HB-M525-L

SM-RT62



HB-M495A-S



FH-M495A-L

BR-M535



BL-M535



SM-RT64



BR-M575



BL-M575



Non-Series Components

Hydraulic Disc Brakes

BR-M575 Disc Brake (Shimano logo)

BL-M575 Disc Brake Lever (Shimano logo)

SM-RT64 Center Lock Compatible Disc Rotor

SM-BH59 Brake Hose

- **Opposed 2-piston design**
The disc brake caliper uses a compact opposed piston design that helps absorb rotor vibrations for smooth and powerful braking.
- **Strong stopping power with precision control**
Disc brakes deliver strong braking power that's easy to control. They reduce fade and eliminate the problem of rim sidewall damage.
- **Flip flop lever design**
- **Open clamp band**
- **Resin/metal pad options**
- **Lever reach adjustment**
- **Center Lock rotor mount**
- Rotor variations :

Outside Diameter Mount Type	160mm	180mm	203mm
Center Lock rotor mount	SM-RT64	SM-RT64M	SM-RT64L

BR-M535 Disc Brake (Shimano logo)

BL-M535 Disc Brake Lever (Shimano logo)

SM-RT62 Center Lock Compatible Disc Rotor

SM-RT61 6-bolts Type Disc Rotor

SM-BH59 Brake Hose

- **Opposed piston design**
- **Strong stopping power with precision control**
- **Compatibility**
160mm rotor mounts to post-type boss or to international A-type boss through an adapter.
- **Locking caps on fasteners**
- **Lever reach adjustment**
- **Cutttable resin hose**
- Rotor variations :

Outside Diameter Mount Type	160mm	180mm	203mm
Center Lock rotor mount	SM-RT62	SM-RT62M	SM-RT62L
6-bolts	SM-RT61	—	—

BR-M486 Disc Brake (Shimano logo)

BL-M486 Disc Brake Lever (Shimano logo)

SM-RT53 Center Lock Compatible Disc Rotor

SM-RT51 6-bolts Type Disc Rotor

SM-BH59 Brake Hose

- **Opposed 2-piston design**
- **Strong stopping power** with precision control
- **Attractive price** with high performance
- **Improved resin pad doubles service life**
(source : Shimano in-house testing)
- **Resin pad only**
- **Lever reach adjustment**
- **Center Lock rotor mount**
- Rotor variations :

Outside Diameter Mount Type	160mm	180mm	203mm
Center Lock rotor mount	SM-RT53	SM-RT53M	SM-RT53L
6-bolts	SM-RT51	SM-RT51M	—

Hubs

HB-M495A

Center Lock Disc Brake Compatible Front Hub

FH-M495A

Center Lock Disc Brake Compatible Freehub

- **Center Lock system compatible**
- **Cup & Cone bearing**
- **High sealing performance and the internal grease sleeve for improved durability**
- Color options : **Black, silver**

HB-M525 Disc Brake Compatible Front Hub

FH-M525 Disc Brake Compatible Freehub

- **6-bolts disc rotor mount**
- **Double contact sealing**
- **Super polished bearing Races**
Ultra-smooth bearing race surfaces provide a precision low-friction rolling action.
- **Light alloy quick release**
QR lever and adjuster nut are made from light alloy.
- Color options : **Black, silver**



BR-M416



BR-M495



SM-RT51



FH-M475-S



HB-M475-L



HB-RM65



FH-RM65



SM-RT53

Non-Series Components

Mechanical Disc Brakes

BR-M495 Disc Brake

BL-M421 V-BRAKE Lever

SM-RT53 Center Lock Compatible Disc Rotor

SM-RT61 6-bolts Type Disc Rotor

SM-RT51 6-bolts Type Disc Rotor

- Affordably priced cable disc caliper
- Pad clearance adjustability from both sides (BR-M495)
- Easy set-up and adjustment
- Barrel adjuster
- Compact caliper body design
- Strong stopping power with precision control
- Featuring less play (BL-M421)
- Updated brake lever shape (BL-M421)
- Resin pad only
- Heat treated Center Lock rotor (SM-RT53)
- Color options : Black, silver (BL-M421)
- Rotor variations :

Outside Diameter Mount Type	160mm	180mm	203mm
Center Lock rotor mount	SM-RT53	SM-RT53M	SM-RT53L
6-bolts	SM-RT51	SM-RT51M	—
	SM-RT61		

Hubs

HB-RM65

Center Lock Disc Brake Compatible Front Hub

FH-RM65

Center Lock Disc Brake Compatible Freehub

- Center Lock system compatible
- Wide bearing placement and reduced spoke offset strengthen the rear wheel.

HB-M475 Disc Brake Compatible Hub

FH-M475 Disc Brake Compatible Freehub

- 6-bolts disc rotor mount
- Contact Sealing
- Freehub design
- Cup & Cone bearing
- Color options : Black, silver

BR-M416 Disc Brake

BL-M421 V-BRAKE Lever

SM-RT53 Center Lock Compatible Disc Rotor

SM-RT61 6-bolts Type Disc Rotor

SM-RT51 6-bolts Type Disc Rotor

- Affordably priced cable disc caliper
- Easy set-up and adjustment
- Barrel adjuster
- Compact caliper body design
- Strong stopping power with precision control
- Improved inner cable fixing bolt (BR-M416)
- Lighter than BR-M415 and size is more compact (BR-M416)
- Friendly to chain stay disc mount (BR-M416)
- Updated brake lever shape (BL-M421)
- Resin pad only
- Heat treated Center Lock rotor (SM-RT53)
- Color options : Black, silver (BR-M416, BL-M421)
- Rotor variations :

Outside Diameter Mount Type	160mm	180mm	203mm
Center Lock rotor mount	SM-RT53	SM-RT53M	SM-RT53L
6-bolts	SM-RT51	SM-RT51M	—
	SM-RT61		