







SHIMANO **STX**

An all-purpose MTB group offering the optimum balance of quality, performance, and value.



Shimano Digital Shifting Gear changing that's so precise it feels digital.



Rapidfire SL Low-effort short-stroke action



Optical Gear Display Instant gear position verification.



Advanced Light Action Low-friction derailleurs



Rear SIS Indexed shifting for rear derailleur.



IG Drivetrain Provides the best SIS shifting ever.



Roller Clutch Freehub Engages quicker, eliminates freewheel noise.



Dual SIS Precise indexed shifting front and rear



Top-Swing Front Derailleur Reduced front shifting effort.



Easy-Set Front Derailleur Bottom bracket mounting plate sets derailleur position.



HyperDrive-C Reduced weight from smaller sprockets and chainrings.



Cartridge Bottom Bracket Easy installation without adjustment.



Anti-Vibration M-System All weather braking without the brake squeal.

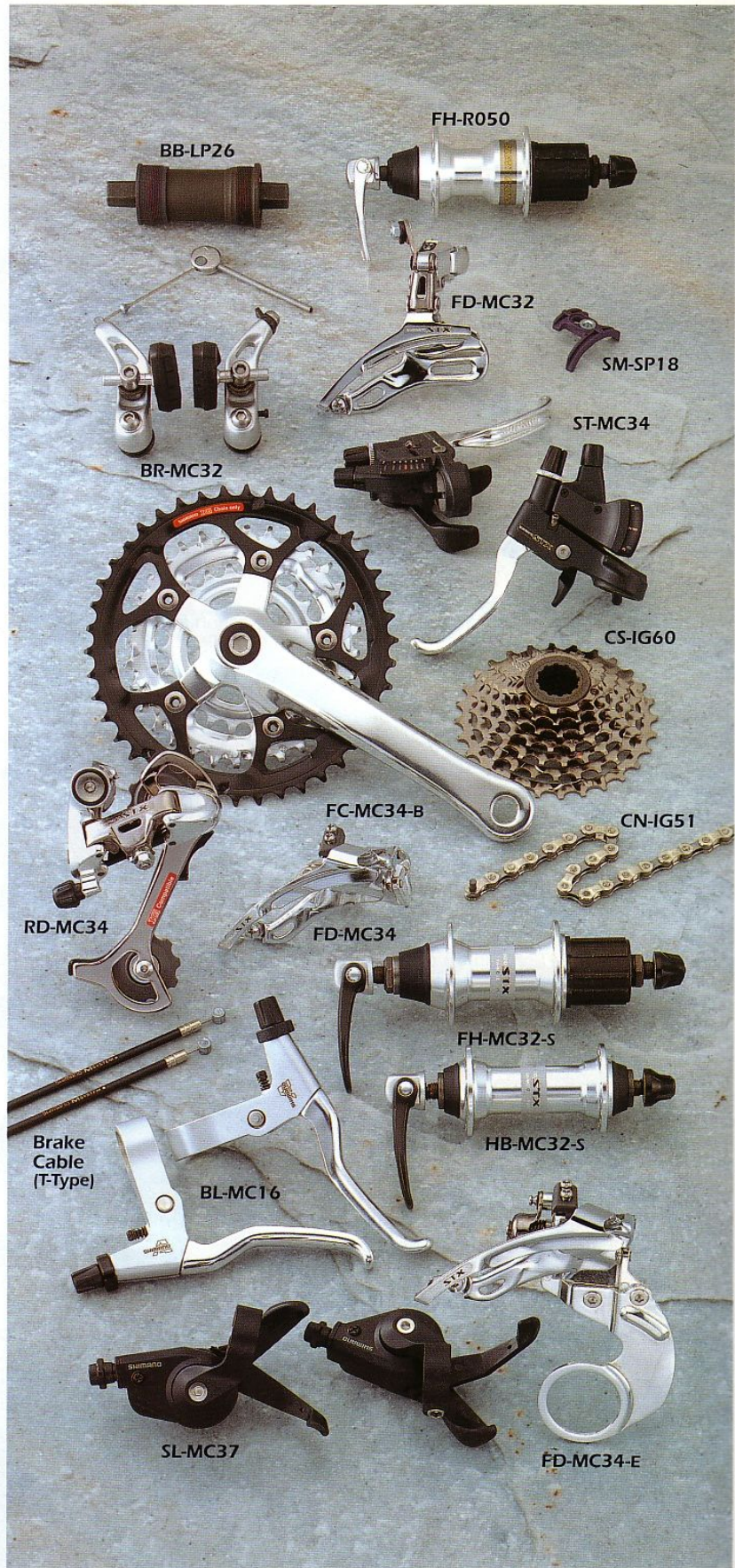


Aluminum QR Reduces weight. Eliminates corrosion.

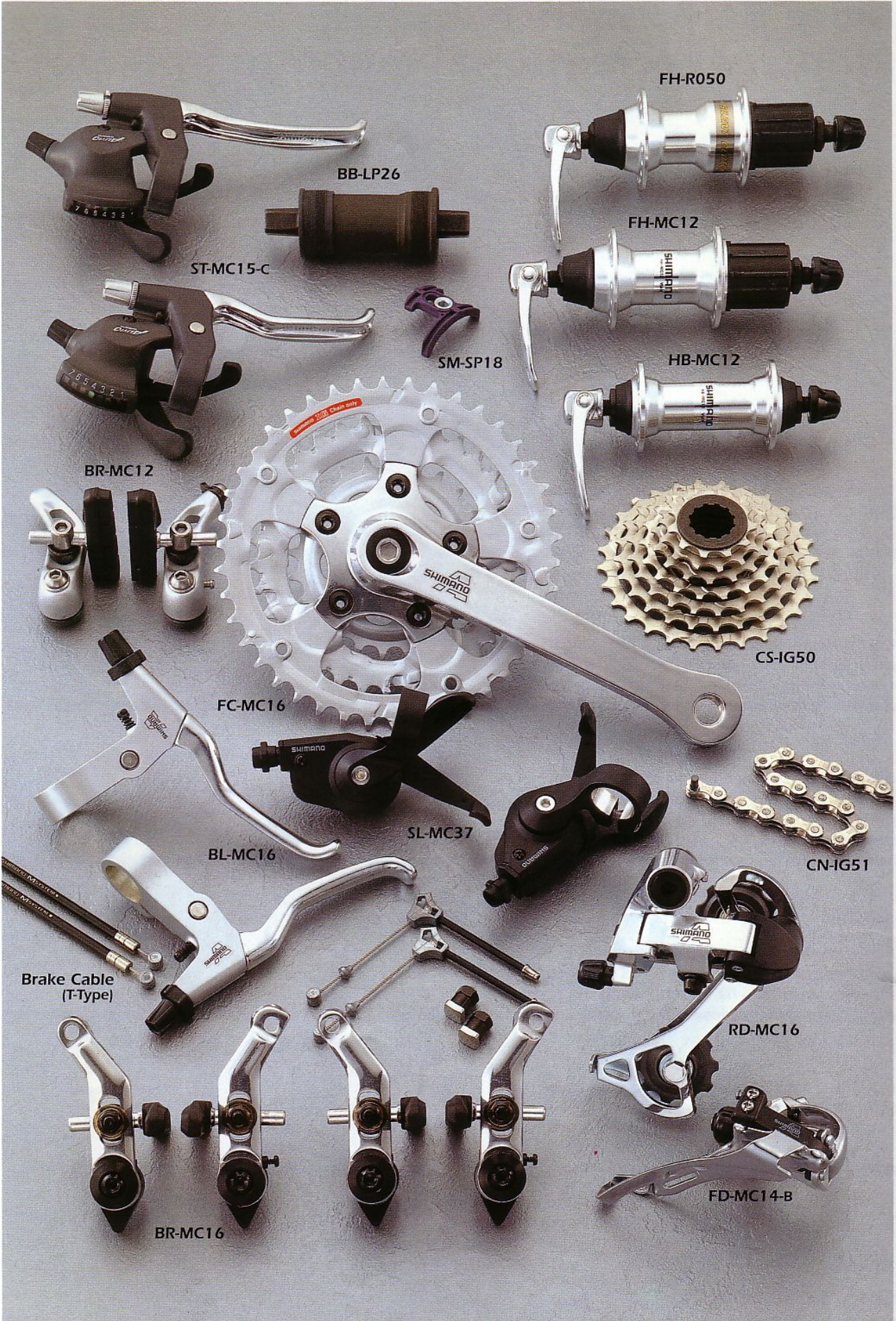


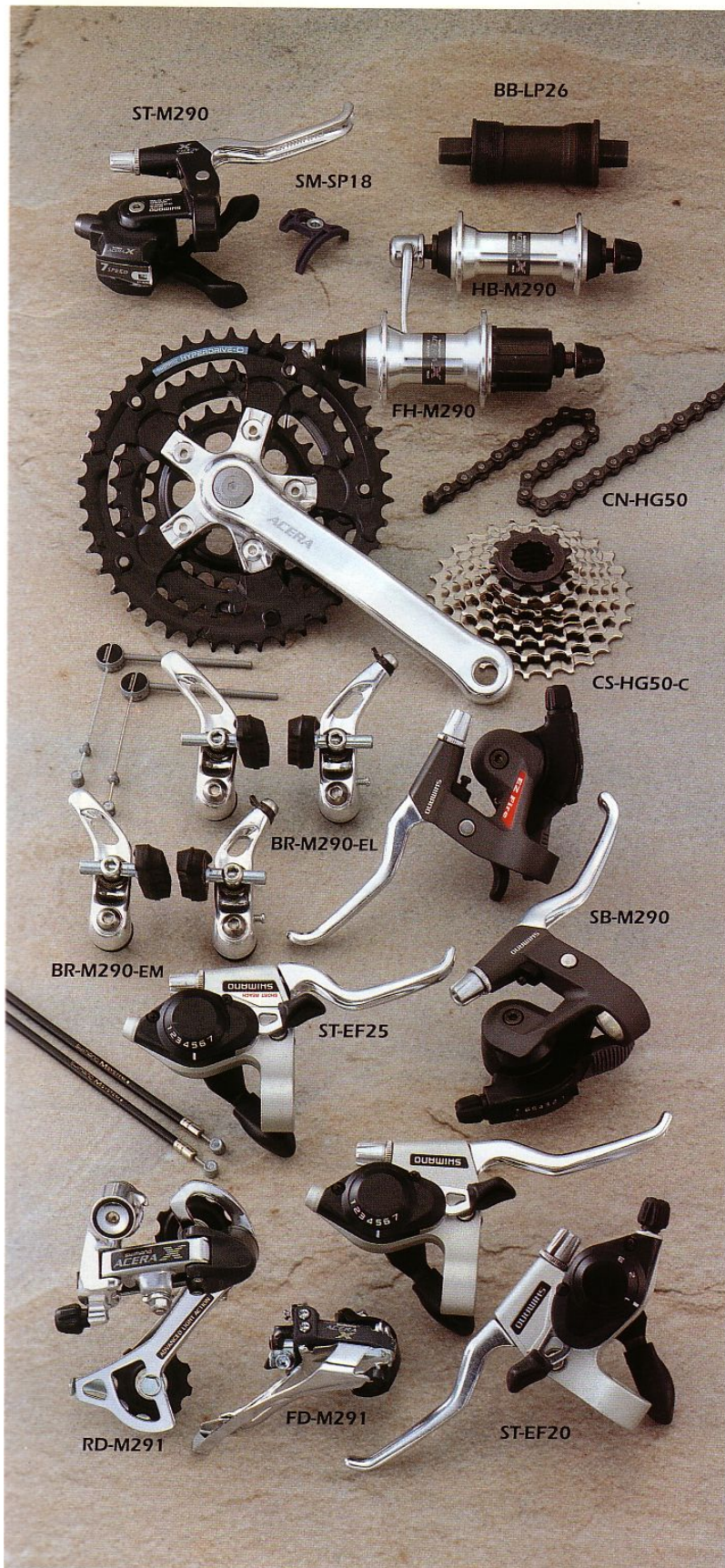
Parallax hub Oversized hub design for stronger wheels.

STX specifications are listed on page 44.



- FC-MC34 and FC-MC34-B cranksets are available with chainguard
- Brazed on seat tube boss or clamp adaptor required (FD-MC34-E).





SHIMANO ACERA

A performance-packed group at an amazingly low cost.

-  **Shimano Digital Shifting** Gear changing that's so precise it feels digital
-  **EZ-Fire Plus** Easy, low-effort shifting for both derailleurs
-  **Optical Gear Display** Instant gear position verification
-  **Advanced Light Action** Low-friction derailleurs
-  **Rear SIS** Indexed shifting for rear derailleur
-  **HG Sprockets** Smoother and faster rear shifting.
-  **Dual SIS** Precise indexed shifting front and rear
-  **Top-Swing Front Derailleur** Reduced front shifting effort.
-  **HyperDrive-C** Reduced weight from smaller sprockets and chainrings
-  **Cartridge Bottom Bracket** Easy installation without adjustment.
-  **M-System** Dependable all weather braking
-  **Parallax Hubs** Oversized hub design for stronger wheels

● FC-M291 crankset is available with chainguard

ACERA-X specifications are listed on page 45.



Entry Level Cyclist

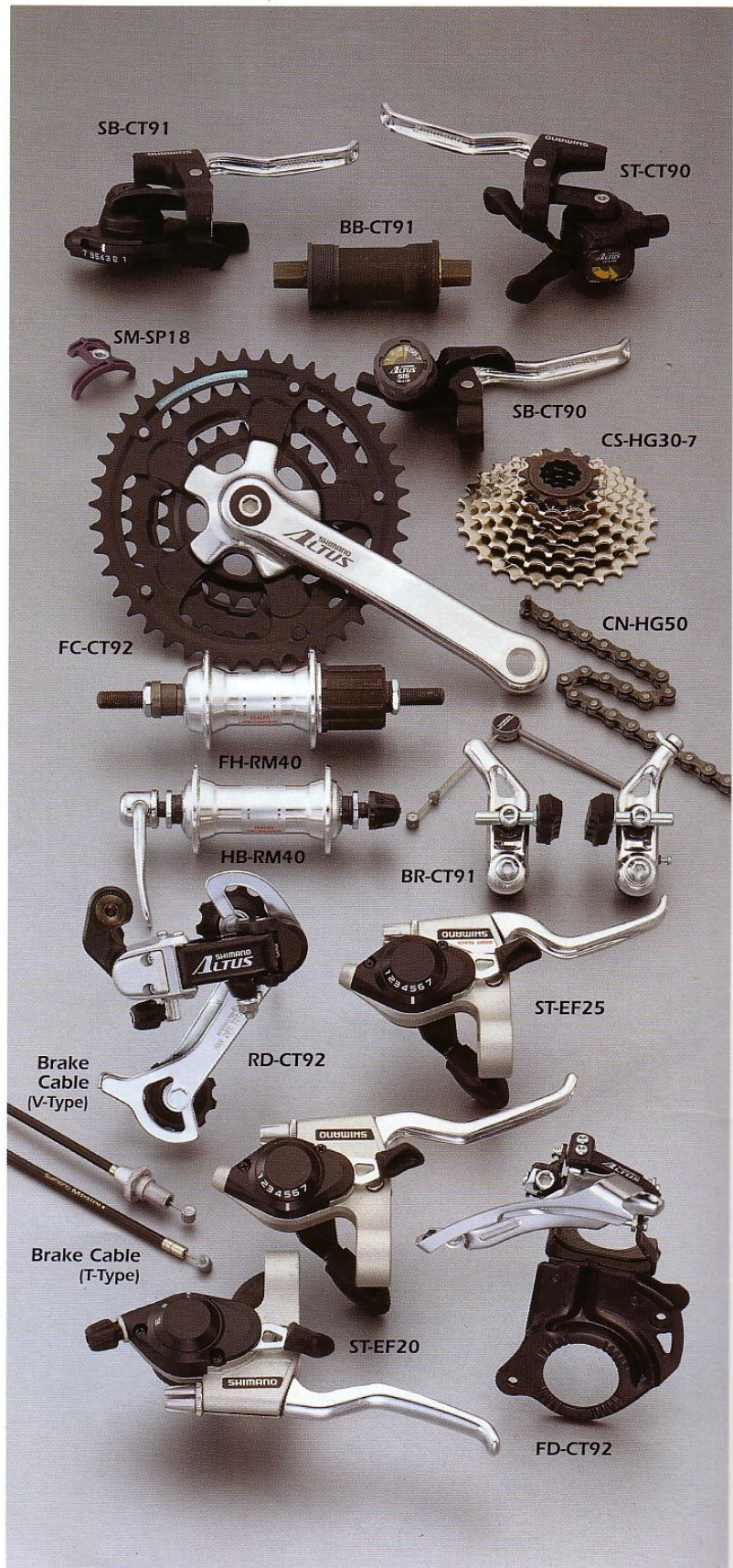
SHIMANO ALTUS

Real mountain bike performance
for the entry-level MTB-style bicycle.

Shimano Digital Shifting
Rapidfire SL
Optical Gear Display

-  **Shimano Digital Shifting** Gear changing that's so precise it feels digital
-  **EZ-Fire Plus** Easy, low-effort shifting for both derailleurs
-  **Optical Gear Display** Instant gear position verification
-  **Advanced Light Action** Low-friction derailleurs
-  **Rear SIS** Indexed shifting for rear derailleur
-  **HG Sprockets** Smoother and faster rear shifting
-  **Dual SIS** Precise indexed shifting front and rear
-  **Top-Swing Front Derailleur** Reduced front shifting effort
-  **Easy-Set Front Derailleur** Bottom bracket mounting plate sets derailleur position
-  **HyperDrive-C** Reduced weight from smaller sprockets and chainrings
-  **Cartridge Bottom Bracket** Easy installation without adjustment
-  **Parallax Hubs** Oversized hub design for stronger wheels.

ALTUS specifications are listed on page 45.



● FC-CT92 and FC-CT92 cranksets are available with chainguard.

TY30-SERIES



7-speed

TY22-SERIES



7-speed



Series	Rear Derailleur	Front Derailleur	Shift Lever
Tourney30	RD-TY30-7/RD-TY30 <ul style="list-style-type: none"> 7-speed SIS/6-speed SIS Max. Sprocket : 28T Min. Sprocket : 14T Total Capacity : 34T Front Difference : 20T 	FD-TY30 <ul style="list-style-type: none"> For Triple Chainrings 22T Capacity 48T Large Chainring 	ST-EF20/ST-EF25 <ul style="list-style-type: none"> See page 45 SL-TY37 <ul style="list-style-type: none"> Rear 7-speed, Front 3-speed SIS SL-TY31 <ul style="list-style-type: none"> Rear 6-speed, Front 3-speed SIS
Tourney22	RD-TY22-7/RD-TY22-GS/RD-TY22-SS <ul style="list-style-type: none"> 7-speed SIS/6-speed SIS(GS & SS) Max. Sprocket : 28T Min. Sprocket : 14T Total Capacity : 34T(GS)/28T(SS) Front Difference : 20T(GS)/13T(SS) 	FD-TY22-GS/FD-TY22-SS <ul style="list-style-type: none"> For Triple Chainrings(FD-TY22-GS) For Double Chainrings(FD-TY22-SS) 22T Capacity(FD-TY22-GS) 14T Capacity(FD-TY22-SS) 48T Large Chainring 	SL-TY37-R/SL-TY30-L <ul style="list-style-type: none"> Rear 7-speed, Front 3-speed SIS SL-TY22 <ul style="list-style-type: none"> Rear 6-speed SIS, Front Friction
Tourney15	RD-TY15-GS/RD-TY15-SS <ul style="list-style-type: none"> 5-speed SIS Max. Sprocket : 28T Min. Sprocket : 14T Total Capacity : 34T(GS)/28T(SS) Front Difference : 20T(GS)/13T(SS) 	FD-TY15-GS/FD-TY15-SS <ul style="list-style-type: none"> For Triple Chainrings(FD-TY15-GS) For Double Chainrings(FD-TY15-SS) 22T Capacity(FD-TY15-GS) 14T Capacity(FD-TY15-SS) 48T Large Chainring 	SL-TY15 <ul style="list-style-type: none"> Rear 5-speed SIS, Front Friction
Tourney05	RD-TY05 <ul style="list-style-type: none"> 6-speed Max. Sprocket : 28T Min. Sprocket : 14T Total Capacity : 34T Front Difference : 20T 	FD-TY05 <ul style="list-style-type: none"> For Triple Chainrings 22T Capacity(FD-TY15-GS) 	SL-TY05 <ul style="list-style-type: none"> Friction



TY15-SERIES



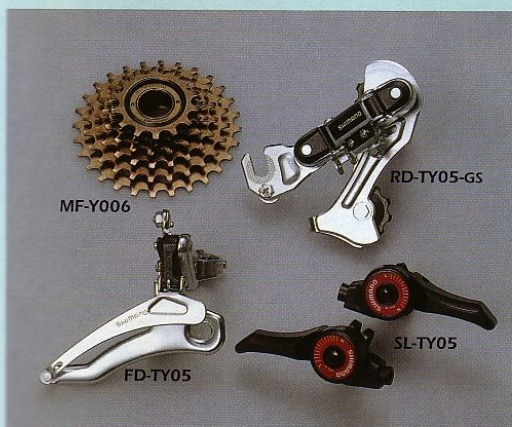
SHIMANO TOURNEY

New 7-speed systems for
Tourney 22 and 30.

-  **EZ-Fire Plus** Easy, low-effort shifting for both derailleurs.*
-  **Optical Gear Display** Instant gear position verification.
-  **Advanced Light Action** Low-friction derailleurs.**
-  **Rear SIS** Indexed shifting for rear derailleur.****
-  **HG Sprockets** Smoother and faster rear shifting.**
-  **Dual SIS** Precise indexed shifting front and rear.*
-  **Top-Swing Front Derailleur** Reduced front shifting effort.***
-  **Cartridge Bottom Bracket** Easy installation without adjustment.
-  **M-system Brakes** Dependable all weather braking.*
-  **Parallax Hubs** Oversized hub design for stronger wheels.*

*TY-30 series only
**TY-22/30 series only
***TY-22 series only
****TY-15/22/30 series only

TY05-SERIES



Series	Cantilever Brake	Crankset	Freewheel
Tourney30			MF-HG37 <ul style="list-style-type: none"> • 7-speed HG Sprockets • ax-group (14-16-18-20-22-24-28T) MF-HG22 <ul style="list-style-type: none"> • 6-speed HG Sprockets • Sprocket Combinations : X-group (14-16-18-20-22-24T) Y-group (14-16-18-21-24-28T) Z-group (14-17-20-24-28-32T)
Tourney22	BR-TY23/BR-TY22 <ul style="list-style-type: none"> • M-System Compatible 	FC-TY21/FC-TS21 <ul style="list-style-type: none"> • Dual SIS Compatible • Plastic Spider Cover • Integral Chain Guard • 48-38-28T Chainrings 	MF-HG22 <ul style="list-style-type: none"> • 6-speed HG Sprockets • Sprocket Combinations : X-group (14-16-18-20-22-24T) Y-group (14-16-18-21-24-28T) Z-group (14-17-20-24-28-32T)
Tourney15		BB-CS12 <ul style="list-style-type: none"> • Marking : D-NL 122.5mm D-EL 127.5mm • Chain Line : 47.5mm • Shell Width : 68/70/73mm [D-NL] 68/73mm [D-EL] 	MF-Z015 <ul style="list-style-type: none"> • 5-speed UG Sprockets • Sprocket Combinations : Two Groups Available (14-17-19-21-24T/14-17-20-24-28T)
Tourney05			MF-Y006 <ul style="list-style-type: none"> • 6-speed UG Sprockets • Sprocket Combination : 14-15-17-20-24-28T