



TECH DATA

| | |
|------------------------|-----|
| ELECTRONIC DRIVETRAINS | 196 |
| MECHANICAL DRIVETRAINS | 202 |
| WHEELS | 216 |

GROUPSETS TECHNICAL SPECIFICATIONS

ROAD



| COMPONENT | OPTIONS | FEATURES | WEIGHT (G.)* |
|--|---|---|---------------------|
| ERGOPOWER™ SUPER RECORD™ EPS™ 11S COMMANDS | | for caliper brakes - composite body - lightened carbon brake lever - Ultra-Shift™ geometry - ergonomic brake lever with high fulcrum - brake opening control integrated with the brake lever - insert for large hands - Vari-Cushion™ silicone hoods - front derailleur micro-adjustment possibility - multiple shifting - buttons Switch Mode™ | 262 |
| EPSTM INTERFACE | | Technopolymer, waterproof (IP67) | 24 |
| EPSTM POWER UNIT | | Fireproof technopolymer, waterproof (IP67) - 3 cell Lithium-Ion 12 V rechargeable battery - DTI™ Digital Tech Intelligence Eeprom board - data input/output port and battery charger - system shut-down magnet. | 167 |
| SUPER RECORD™ EPS™ STD + CT 11S FRONT DERAILLEUR | Welded with clamp-on kit Ø32, 35mm | for double standard and CT™ crankset - capacity 16 – max. chainring 55 – min. chainring 34 - composite and aluminum 11s fork - titanium bolts - antifriction treatment - body in technopolymer and carbon fibre - high torque ratio motors - Position sensor - Waterproof (IP67) | 129 |
| SUPER RECORD™ EPS™ 11S REAR DERAILLEUR | | upper to lower pulley-axle: 55 mm - composite outer plate - Titanium hanger and pivot bolt - parallelogram with 11s geometry - carbon fiber upper and lower body - metal-carbon cage - lightened special rubber pulleys - bottom pulley with ceramic bearings - on the upper and lower body - high torque ratio motors - Position sensor - Waterproof (IP67)" | 198 |
| SUPER RECORD™ 11S SPROCKETS | 11-23, 11-25, 12-25, 12-27, 12-29 | 5 steel and 6 titanium - nickel-chromed finish for steel sprockets - light alloy carrier - light alloy supports for the final two triplets - 11s timing - 11s tooth machining - 11s light alloy lockring, thread 27x1 | 177 |
| RECORD™ 11S CHAIN | | width 5,5 mm - Ni-PTFE Finish - 114 links - requires Ultra-Link™ for 11s chain - lightened links - hollow pins - 11s outer link | 2,10/ link ** |
| SUPER RECORD™ ULTRA-TORQUE™ TITANIUM 11S CRANKSET | 170, 172.5, 175, 177.5, 180 mm, 39-52, 39-53 170, 172.5, 175 mm, 42-54, 42-55 | full-carbon unidirectional-multidirectional cranks - hollow cranks (Ultra-Hollow™ Structure) - light alloy fixing bolts - light alloy chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with hard anodization treatment - 8 pins on the large chainring - CULT™ bearings (Ceramic Ultimate Level Technology) - integrated ULTRA-TORQUE™ semi-axles in titanium - requires Super Record ULTRA-TORQUE™ BB cups | 584 |
| SUPER RECORD™ ULTRA-TORQUE™ CARBON 11S CRANKSET | 170, 172.5, 175, 177.5, 180 mm, 39-52, 39-53 | full-carbon unidirectional-multidirectional cranks - hollow cranks (Ultra-Hollow™ Structure) - light alloy fixing bolts - light alloy chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with hard anodization treatment - 8 pins on the large chainring - CULT™ bearings (Ceramic Ultimate Level Technology) - integrated ULTRA-TORQUE™ semi-axles - requires Super Record ULTRA-TORQUE™ BB cups | 625 |
| ULTRA-TORQUE™ CARBON 11S CRANKSET | 165 mm 39-52, 39-53, 34-50 | full-carbon unidirectional-multidirectional cranks - light alloy fixing bolts - light alloy chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with hard anodization treatment - 8 pins on the large chainring - integrated ULTRA-TORQUE™ semi-axles - requires ULTRA-TORQUE™ BB cups | 667 |
| SUPER RECORD™ ULTRA-TORQUE™ BB OUTBOARD CUPS | ITA, ENG | aluminium | 45 |
| ULTRA-TORQUE™ OS-FIT™ INTEGRATED CUPS | BB30 Ø 42, BB30 Ø 46, 86,5x41, BB right Ø 51 | aluminium - integrated cups for oversize shells BB30 and 86,5x41, BB right Ø 51 | 29 |

| COMPONENT | OPTIONS | FEATURES | WEIGHT (G.)* |
|--|---------------------|---|--------------|
| RECORD™ PRO-FIT PLUS™ PEDALS | | Titanium axle -light alloy body - with floating (standard) or fixed (optional) cleats - composite axle fixing nuts - polished aluminium finish - broad support base - release adjustment display - sealed cartridge axle | 266 |
| SUPER RECORD™ SKELETON™ BRAKES | | brake-pad height adjustment ratio: 40÷50 mm (measured from brake fixing-bolt to brake-shoe-nut) - ball bearings - light alloy and titanium hardware - brake pads orbital adjustment - lightened rear brake - skeletonized arms - special pad compound - optional: front and rear dual-pivot brake (297 g) | 272 |
| RECORD™ FRONT HUB | | 32 holes - light alloy oversize axle and body – adjustable bearings – quick-release with aluminium lock nuts - O.L.D. 100 mm - Symmetric Action™ lever on the release | 330 |
| RECORD™ REAR HUB | | 32 holes - 9s/10s/11s - light alloy body, axle and one-piece freewheel body – adjustable bearings – quick-release with aluminium lock nuts - O.L.D. 130 mm - Symmetric Action™ lever on the release | 116 |
| RECORD™ HEADSET | | BC 1" x24tpi - height 36.5 mm - light alloy with steel inserts - cup and cone system | 104 |
| RECORD™ THREADLESS™ HEADSET | | 1" - for unthreaded fork tube - height 24.5 mm - composite cover and light alloy fixing screw - lubrication port - cup and cone system - patented centering system | 110 |
| RECORD™ HIDDENSET™ HEADSET | 1-1/8", 1-1/8" TTC™ | internal headset for unthreaded fork tube - version 1-1/8": height 5.9 mm, version 1-1/8" TTC™: height 15.9 mm - patent pending system - composite and light alloy fixing screw and cap - cup and cone system | 73 |
| RECORD™ WATER-BOTTLE CARRIER | | monocoque carbon, supplied with water-bottle | 18 |
| RECORD™ CABLE GUIDE PLATE | | to fit under bottom bracket shell - composite, suitable to oversize shells - technopolymer with PTFE | 5 |

* Average weight - it refers to the lighter specification among the available options.

** Example: 2,10 x 108 links = 227 g

GROUPSETS TECHNICAL SPECIFICATIONS

ROAD



| COMPONENT | OPTIONS | FEATURES | WEIGHT (G.)* |
|--|--|--|-----------------|
| ERGOPOWER™ RECORD™ 11S COMMANDS | | for caliper brakes - composite body and levers - Ultra-Shift™ geometry - ergonomic brake lever with high fulcrum - closer brake lever - brake opening control integrated with the brake lever - insert for large hands - Vari-Cushion™ silicone hoods - front derailleur micro-adjustment possibility - multiple shifting - buttons Switch Mode™ | 266 |
| EPST™ INTERFACE | | Technopolymer, waterproof (IP67) | 24 |
| EPST™ POWER UNIT | | Fireproof technopolymer, waterproof (IP67) - 3 cell Lithium-Ion 12 V rechargeable battery - DTI™ Digital Tech Intelligence Eeprom board - data input/output port and battery charger - system shut-down magnet. | 167 |
| RECORD™ EPST™ STD + CT 11S FRONT DERAILEUR | Welded with clamp-on kit Ø32, 35mm | for double standard and CT™ crankset - capacity 16 – max. chainring 55 – min. chainring 34 - composite and aluminum fork - antifriction treatment - body in technopolymer and carbon fibre - high torque ratio motors - Position sensor - Waterproof (IP67)" | 133 |
| RECORD™ EPST™ 11S REAR DERAILEUR | | upper to lower pulley-axle: 55 mm - composite outer plate - parallelogram with 11s geometry - black anodized forged aluminium upper and lower body - metal-carbon cage - lightened special rubber pulleys - pulley movement with ceramic ball bushings- high torque ratio motors - Position sensor - Waterproof (IP67)" | 203 |
| RECORD™ 11S SPROCKETS | 11-23, 11-25, 12-25, 12-27, 12-29 | 8 steel and 3 titanium - nickel-chromed finish for steel sprockets - light alloy supports for the final two triplets - 11s timing - 11s tooth machining - 11s light alloy lockring, thread 27x1 | 201 |
| RECORD™ 11S CHAIN | | width 5,5 mm - Ni-PTFE Finish - 114 links - requires Ultra-Link™ for 11s chain - lightened links - hollow pins - 11s outer link | 2,10/ link** |
| RECORD™ ULTRA-TORQUE™ CARBON 11S CRANKSET | 170, 172.5, 175, 177,5, 180 mm, 39-52, 39-53 170, 172.5, 175 mm, 42-54, 42-55 | full-carbon unidirectional-multidirectional cranks - hollow cranks (Ultra-Hollow™ Structure) - light alloy fixing bolts - light alloy chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with hard anodization treatment - 8 pins on the large chainring - USB™ bearings (Ultra Smooth Bearings) - integrated ULTRA-TORQUE™ semi-axles - requires ULTRA-TORQUE™ BB cups | 627 |
| RECORD™ ULTRA-TORQUE™ CT™ CARBON 11S CRANKSET | 170, 172.5, 175 mm 34-50, 52-36 | full-carbon unidirectional-multidirectional cranks - hollow cranks (Ultra-Hollow™ Structure) - light alloy fixing bolts and nuts - light alloy chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with hard anodization treatment - 8 pins on the large chainring - USB™ bearings (Ultra Smooth Bearings) - integrated ULTRA-TORQUE™ semi-axles - requires ULTRA-TORQUE™ BB cups | 627 |
| ULTRA-TORQUE™ CARBON 11S CRANKSET | 165 mm, 39-52, 39-53, 34-50 | full-carbon unidirectional-multidirectional cranks - light alloy fixing bolts - light alloy chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with hard anodization treatment - 8 pins on the large chainring - integrated ULTRA-TORQUE™ semi-axles - requires ULTRA-TORQUE™ BB cups | 667 |
| RECORD™ ULTRA-TORQUE™ BB OUTBOARD CUPS | ITA, ENG | aluminium | 46 |
| ULTRA-TORQUE™ OS-FIT™ INTEGRATED CUPS | BB30 Ø 42, BB30 Ø 46, 86,5x41, BB right Ø 51 | aluminium - integrated cups for oversize shells BB30 and 86,5x41, BB right Ø 51 | 29 |
| RECORD™ SKELETON™ BRAKES | | brake-pad height adjustment ratio: 40±50 mm (measured from brake fixing-bolt to brake-shoe-nut) - ball bearings - light alloy hardware - brake pads orbital adjustment - lightened rear brake - skeletonized arms - special pad compound - optional: front and rear dual-pivot brake (303 g) | 278 |

| COMPONENT | OPTIONS | FEATURES | WEIGHT (G.)* |
|---|---------------------|--|--------------|
| RECORD™ PRO-FIT PLUS™ PEDALS | | Titanium axle -light alloy body - with floating (standard) or fixed (optional) cleats - composite axle fixing nuts - polished aluminium finish - broad support base - release adjustment display - sealed cartridge axle | 266 |
| RECORD™ FRONT HUB | | 32 holes - light alloy oversize axle and body – adjustable bearings – quick-release with aluminium lock nuts - O.L.D. 100 mm - Symmetric Action™ lever on the release | 116 |
| RECORD™ REAR HUB | | 32 holes - 9s/10s/11s - light alloy body, axle and one-piece freewheel body – adjustable bearings – quick-release with aluminium lock nuts - O.L.D. 130 mm - Symmetric Action™ lever on the release | 231 |
| RECORD™ HEADSET | | BC 1"x24tpi - height 36.5 mm - light alloy with steel inserts - cup and cone system | 104 |
| RECORD™ VTHREADLESS™ HEADSET | | 1" - for unthreaded fork tube - height 24.5 mm - composite cover and light alloy fixing screw - lubrication port - cup and cone system - patented centering system | 110 |
| RECORD™ HIDDENSET™ HEADSET | 1-1/8", 1-1/8" TTC™ | internal headset for unthreaded fork tube - version 1-1/8": height 5.9 mm, version 1-1/8" TTC™: height 15.9 mm - patent pending system - composite and light alloy fixing screw and cap - cup and cone system | 73 |
| RECORD™ WATER-BOTTLE CARRIER | | monocoque carbon, supplied with water-bottle | 18 |
| RECORD™ CABLE GUIDE PLATE | | to fit under bottom bracket shell - composite, suitable to oversize shells - technopolymer with PTFE | 5 |

* Average weight - it refers to the lighter specification among the available options.

** Example: 2,39 x 108 links = 258 g

GROUPSETS TECHNICAL SPECIFICATIONS

ROAD



| COMPONENT | / OPTIONS | / FEATURES | / WEIGHT (G.)* |
|--|---|--|---------------------|
| ERGOPOWER™ ATHENA™ EPSTM 11S COMMANDS | | for caliper brakes - composite body - brake lever in aluminium - ergonomic brake lever with high fulcrum - closer brake lever - brake opening control integrated with the brake lever - insert for large hands - Vari-Cushion™ silicone hoods - front derailleur micro-adjustment possibility - multiple shifting - buttons Switch Mode™ | 288 |
| EPSTM INTERFACE | | Tecnopolimero, waterproof (IP67) - compatible with Athena EPS | 24 |
| EPSTM POWER UNIT | | Fireproof technopolymer, waterproof (IP67) - 3 cell Lithium-Ion 12 V rechargeable battery - DTI™ Digital Tech Intelligence Eeprom board - data input/output port and battery charger - system shut-down magnet - compatible with Athena EPS | 167 |
| ATHENA™ EPSTM STD + CT 11S FRONT DERAILLEUR | Welded with clamp-on kit Ø32, 35mm | for double standard and CT™ crankset - capacity 16 – max. chainring 55 - min. chainring 34 - chrome-plated nickel fork - anti-friction insert + body in technopolymer and carbon fibre - high torque ratio motors - Position sensor - Waterproof (IP67) | 149 |
| ATHENA™ EPSTM 11S REAR DERAILLEUR | | upper to lower pulley-axle: 55 mm - aluminium outer plate - parallelogram with 11s geometry - die-cast aluminium upper body - lightened special rubber pulleys - on the upper and lower body - high torque ratio motors - Position sensor - Waterproof (IP67)" | 225 |
| CHORUSTM 11S SPROCKETS | 11-23, 11-25, 12-25, 12-27, 12-29 | steel - nickel-chromed finish - light alloy supports for the final two triplets - 11s timing - 11s tooth machining - 11s light alloy locking, thread 27x1 | 230 |
| CHORUSTM 11S CHAIN | | width 5,5 mm - Ni-PTFE Finish - 114 links - requires Ultra-Link™ for 11s chain - 11s outer link - new material for outer link | 2,24/ link ** |
| ATHENA™ POWER-TORQUE™ 11S CRANKSET | 170, 172.5, 175 mm 39-52, 39-53 deep black bright silver | forged aluminum cranks - light alloy fixing bolts and nuts - light alloy chainrings - chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with silver anodization - 8 pins on the large chainring - integrated POWER-TORQUE™ axle - requires POWER-TORQUE™ BB cups | 736 |
| ATHENA™ POWER-TORQUE™ 11S CRANKSET | 170, 172.5, 175 mm 34-50, 52-36 deep black bright silver | forged aluminum cranks - light alloy fixing bolts and nuts - light alloy chainrings - chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with silver anodization - 8 pins on the large chainring - integrated POWER-TORQUE™ axle - requires POWER-TORQUE™ BB cups | 740 |
| ATHENA™ POWER-TORQUE™ CARBON 11S CRANKSET | 165, 170, 172.5, 175 mm 39-52, 39-53 | full-carbon unidirectional-multidirectional cranks - light alloy fixing bolts and nuts - light alloy chainrings - chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with hard anodization treatment - 8 pins on the large chainring - integrated POWER-TORQUE™ axle - requires POWER-TORQUE™ BB cups | 644 |
| ATHENA™ POWER-TORQUE™ CT™ CARBON 11S CRANKSET | 165, 170, 172.5, 175 mm 34-50, 52-36 | full-carbon unidirectional-multidirectional cranks - light alloy fixing bolts and nuts - light alloy chainrings - chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with hard anodization treatment - 8 pins on the large chainring - integrated POWER-TORQUE™ axle - requires POWER-TORQUE™ BB cups | 640 |
| POWER-TORQUE™ BB OUTBOARD CUPS | ITA, ENG | aluminium | 72 |
| POWER-TORQUE™ OS-FIT™ INTEGRATED CUPS | BB30 Ø 42, BB30 Ø 46, 86,5x41 | aluminium - integrated cups for oversize shells BB30 and 86,5x41 | 50 |

| COMPONENT | / OPTIONS | / FEATURES | / WEIGHT (G.)* |
|---|-----------------------------|--|----------------|
| ATHENA™ SKELETON™ BRAKES | deep black bright silver | brake-pad height adjustment ratio:40÷50 mm (measured from brake fixing-bolt to brake-shoe-nut) - brake pads orbital adjustment - lightened rear brake - skeletonized arms - special pad compound - optional: front and rear dual-pivot brake (331 g) | 306 |
| RECORD™ CABLE GUIDE PLATE | | to fit under bottom bracket shell - composite, suitable to oversize shells - technopolymer with PTFE | 5 |

* Average weight - it refers to the lighter specification among the available options.

** Example: 2,24 x 108 links = 242 g

GROUPSETS TECHNICAL SPECIFICATIONS

ROAD



| COMPONENT | OPTIONS | FEATURES | WEIGHT (G.)* |
|--|--|--|---------------------|
| SUPER RECORD™ 11S REAR DERAILLEUR | | upper to lower pulley-axle: 55 mm - composite outer plate - Titanium hanger and pivot bolt - parallelogram with 11s geometry - carbon fiber upper and lower body - metal-carbon cage - lightened special rubber pulleys - bottom pulley with ceramic bearings | 155 |
| SUPER RECORD™ STD + CT™ 11S FRONT DERAILLEUR | a saldare / a fascetta: Ø 32, 35 mm | for double standard and CT™ crankset - capacity 16 – max. chainring 55 – min. chainring 34 - composite and aluminum 11s fork - titanium bolts - antifriction treatment | 72 |
| SUPER RECORD™ ULTRA-SHIFT™ 11S ERGOWPOWER™ SHIFTERS | | for caliper brakes - composite body – ball bearings - lightened carbon brake lever - internal mechanism parts in titanium - Ultra-Shift™ geometry - ergonomic brake lever with high fulcrum - brake opening control integrated with the brake lever - insert for large hands - Vari-Cushion™ silicone hoods - No-Bulge™ housing path - minimum friction housings - front derailleur micro-adjustment possibility - multiple shifting | 330 |
| SUPER RECORD™ 11S SPROCKETS | 11-23, 11-25, 12-25, 12-27, 12-29 | 5 steel and 6 titanium - nickel-chromed finish for steel sprockets - light alloy carrier - light alloy supports for the final two triplets - 11s timing - 11s tooth machining - 11s light alloy locking, thread 27x1 | 177 |
| RECORD™ 11S CHAIN | | width 5,5 mm - Ni-PTFE Finish - 114 links - requires Ultra-Link™ for 11s chain - lightened links - hollow pins - 11s outer link | 2,10/ link ** |
| SUPER RECORD™ ULTRA-TORQUE™ TITANIUM 11S CRANKSET | 170, 172.5, 175, 177.5, 180 mm, 39-52, 39-53 170, 172.5, 175 mm, 42-54, 42-55 | full-carbon unidirectional-multidirectional cranks - hollow cranks (Ultra-Hollow™ Structure) - light alloy fixing bolts - light alloy chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with hard anodization treatment - 8 pins on the large chainring - CULT™ bearings (Ceramic Ultimate Level Technology) - integrated ULTRA-TORQUE™ semi-axles in titanium - requires Super Record ULTRA-TORQUE™ BB cups | 584 |
| SUPER RECORD™ ULTRA-TORQUE™ CT™ TITANIUM 11S CRANKSET | 170, 172.5, 175 mm 34-50, 52-36 | full-carbon unidirectional-multidirectional cranks - hollow cranks (Ultra-Hollow™ Structure) - light alloy fixing bolts - light alloy chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with hard anodization treatment - 8 pins on the large chainring - CULT™ bearings (Ceramic Ultimate Level Technology) - integrated ULTRA-TORQUE™ semi-axles in titanium - requires Super Record ULTRA-TORQUE™ BB cups | 584 |
| ULTRA-TORQUE™ CARBON 11S CRANKSET | 165 mm 39-52, 39-53, 34-50 | full-carbon unidirectional-multidirectional cranks - light alloy fixing bolts - light alloy chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with hard anodization treatment - 8 pins on the large chainring - integrated ULTRA-TORQUE™ semi-axles - requires ULTRA-TORQUE™ BB cups | 667 |
| SUPER RECORD™ ULTRA-TORQUE™ BB OUTBOARD CUPS | ITA, ENG | aluminium | 45 |
| ULTRA-TORQUE™ OS-FIT™ INTEGRATED CUPS | BB30 Ø 42, BB30 Ø 46, 86,5x41, BB right Ø 51 | aluminium - integrated cups for oversize shells BB30 and 86,5x41, BB right Ø 51 | 29 |
| RECORD™ PRO-FIT PLUS™ PEDALS | | Titanium axle -light alloy body - with floating (standard) or fixed (optional) cleats - composite axle fixing nuts - polished aluminium finish - broad support base - release adjustment display - sealed cartridge axle | 266 |

| COMPONENT | OPTIONS | FEATURES | WEIGHT (G.)* |
|--|---------------------|---|--------------|
| SUPER RECORD™ SKELETON™ BRAKES | | brake-pad height adjustment ratio: 40÷50 mm (measured from brake fixing-bolt to brake-shoe-nut) - ball bearings - light alloy and titanium hardware - brake pads orbital adjustment - lightened rear brake - skeletonized arms - special pad compound - optional: front and rear dual-pivot brake (297 g) | 272 |
| RECORD™ FRONT HUB | | 32 holes - light alloy oversize axle and body – adjustable bearings – quick-release with aluminium lock nuts - O.L.D. 100 mm - Symmetric Action™ lever on the release | 330 |
| RECORD™ REAR HUB | | 32 holes - 9s/10s/11s - light alloy body, axle and one-piece freewheel body – adjustable bearings – quick-release with aluminium lock nuts - O.L.D. 130 mm - Symmetric Action™ lever on the release | 116 |
| RECORD™ HEADSET | | BC 1" x 24tpi - height 36.5 mm - light alloy with steel inserts - cup and cone system | 104 |
| RECORD™ THREADLESS™ HEADSET | | 1" - for unthreaded fork tube - height 24.5 mm - composite cover and light alloy fixing screw - lubrication port - cup and cone system - patented centering system | 110 |
| RECORD™ HIDDENSET™ HEADSET | 1-1/8", 1-1/8" TTC™ | internal headset for unthreaded fork tube - version 1-1/8": height 5.9 mm, version 1-1/8" TTC™: height 15.9 mm - patent pending system - composite and light alloy fixing screw and cap - cup and cone system | 73 |
| RECORD™ WATER-BOTTLE CARRIER | | monocoque carbon, supplied with water-bottle | 18 |
| RECORD™ CABLE GUIDE PLATE | | to fit under bottom bracket shell - composite, suitable to oversize shells - technopolymer with PTFE | 5 |

* Average weight - it refers to the lighter specification among the available options.

** Example: 2,10 x 108 links = 227 g

GROUPSETS TECHNICAL SPECIFICATIONS

ROAD



| COMPONENT | OPTIONS | FEATURES | WEIGHT (G.)* |
|---|--|--|-----------------|
| RECORD™ 11S REAR DERAILLEUR | | upper to lower pulley-axle: 55 mm - composite outer plate - parallelogram with 11s geometry - black anodized forged aluminium upper and lower body - metal-carbon cage - lightened special rubber pulleys - pulley movement with ceramic ball bushings | 172 |
| RECORD™ STD + CT™ 11S FRONT DERAILLEUR | braze-on / clip-on: Ø 32, 35 mm | for double standard and CT™ crankset - capacity 16 – max. chainring 55 – min. chainring 34 - composite and aluminum fork - antifriction treatment | 74 |
| RECORD™ ULTRA-SHIFT™ 11S ERGOPOWER™ SHIFTERS | | for caliper brakes - composite body and levers – ball bearings - Ultra-Shift™ geometry - ergonomic brake lever with high fulcrum - closer brake lever - brake opening control integrated with the brake lever - insert for large hands - Vari-Cushion™ silicone hoods - No-Bulge™ housing path - minimum friction housings - front derailleur micro-adjustment possibility - multiple shifting | 337 |
| RECORD™ 11S SPROCKETS | 11-23, 11-25, 12-25, 12-27, 12-29 | 8 steel and 3 titanium - nickel-chromed finish for steel sprockets - light alloy supports for the final two triplets - 11s timing - 11s tooth machining - 11s light alloy lockring, thread 27x1 | 201 |
| RECORD™ 11S CHAIN | | width 5,5 mm - Ni-PTFE Finish - 114 links - requires Ultra-Link™ for 11s chain - lightened links - hollow pins - 11s outer link | 2,10/ link** |
| RECORD™ ULTRA-TORQUE™ 11S CRANKSET | 170, 172.5, 175, 177.5, 180 mm, 39-52, 39-53 170, 172.5, 175 mm, 42-54, 42-55 | full-carbon unidirectional-multidirectional cranks - hollow cranks (Ultra-Hollow™ Structure) - light alloy fixing bolts - light alloy chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with hard anodization treatment - 8 pins on the large chainring - USB™ bearings (Ultra Smooth Bearings) - integrated ULTRA-TORQUE™ semi-axles - requires ULTRA-TORQUE™ BB cups | 627 |
| RECORD™ ULTRA-TORQUE™ CT™ 11S CRANKSET | 170, 172.5, 175 mm 34-50, 52-36 | full-carbon unidirectional-multidirectional cranks - hollow cranks (Ultra-Hollow™ Structure) - light alloy fixing bolts and nuts - light alloy chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with hard anodization treatment - 8 pins on the large chainring - USB™ bearings (Ultra Smooth Bearings) - integrated ULTRA-TORQUE™ semi-axles - requires ULTRA-TORQUE™ BB cups | 627 |
| ULTRA-TORQUE™ CARBON 11S CRANKSET | 165 mm, 39-52, 39-53, 34-50 | full-carbon unidirectional-multidirectional cranks - light alloy fixing bolts - light alloy chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with hard anodization treatment - 8 pins on the large chainring - integrated ULTRA-TORQUE™ semi-axles - requires ULTRA-TORQUE™ BB cups | 667 |
| RECORD™ ULTRA-TORQUE™ BB OUTBOARD CUPS | ITA, ENG | aluminium | 46 |
| ULTRA-TORQUE™ OS-FIT™ INTEGRATED CUPS | BB30 Ø 42, BB30 Ø 46, 86,5x41, BB right Ø 51 | aluminium - integrated cups for oversize shells BB30 and 86,5x41, BB right Ø 51 | 29 |
| RECORD™ SKELETON™ BRAKES | | brake-pad height adjustment ratio: 40÷50 mm (measured from brake fixing-bolt to brake-shoe-nut) - ball bearings - light alloy hardware - brake pads orbital adjustment - lightened rear brake - skeletonized arms - special pad compound - optional: front and rear dual-pivot brake (303 g) | 278 |
| RECORD™ PRO-FIT PLUS™ PEDALS | | Titanium axle -light alloy body - with floating (standard) or fixed (optional) cleats - composite axle fixing nuts - polished aluminium finish - broad support base - release adjustment display - sealed cartridge axle | 266 |
| RECORD™ FRONT HUB | | 32 holes - light alloy oversize axle and body – adjustable bearings – quick-release with aluminium lock nuts - O.L.D. 100 mm - Symmetric Action™ lever on the release | 116 |

| COMPONENT | OPTIONS | FEATURES | WEIGHT (G.)* |
|---|---------------------|---|--------------|
| RECORD™ REAR HUB | | 32 holes - 9s/10s/11s - light alloy body, axle and one-piece freewheel body – adjustable bearings – quick-release with aluminium lock nuts - O.L.D. 130 mm - Symmetric Action™ lever on the release | 231 |
| RECORD™ HEADSET | | BC 1"x24tpi - height 36.5 mm - light alloy with steel inserts - cup and cone system | 104 |
| RECORD™ VTHREADLESS™ HEADSET | | 1" - for unthreaded fork tube - height 24.5 mm - composite cover and light alloy fixing screw - lubrication port - cup and cone system - patented centering system | 110 |
| RECORD™ HIDDENSET™ HEADSET | 1-1/8", 1-1/8" TTC™ | internal headset for unthreaded fork tube - version 1-1/8": height 5.9 mm, version 1-1/8" TTC™: height 15.9 mm - patent pending system - composite and light alloy fixing screw and cap - cup and cone system | 73 |
| RECORD™ WATER-BOTTLE CARRIER | | monocoque carbon, supplied with water-bottle | 18 |
| RECORD™ CABLE GUIDE PLATE | | to fit under bottom bracket shell - composite, suitable to oversize shells - technopolymer with PTFE | 5 |

* Average weight - it refers to the lighter specification among the available options.

** Example: 2,10 x 108 links = 227 g

GROUPSETS TECHNICAL SPECIFICATIONS

ROAD



| COMPONENT | OPTIONS | FEATURES | WEIGHT (G.)* |
|--|---|--|---------------------|
| CHORUS™ 11S REAR DERAILLEUR | | upper to lower pulley-axle: 55 mm - composite outer plate - parallelogram with 11s geometry - black anodized forged aluminium upper body - lightened special rubber pulleys | 186 |
| CHORUS™ STD + CT™ 11S FRONT DERAILLEUR | braze-on / clip-on: Ø 32, 35 mm | for double standard and CT™ crankset - capacity 16 – max. chainring 55 - min. chainring 34 - light alloy fork with antifriction treatment | 76 |
| CHORUS™ ULTRA-SHIFT™ 11S ERGOPOWER™ SHIFTERS | | for caliper brakes - composite body and levers - ball bearings - Ultra-Shift™ geometry - ergonomic brake lever with high fulcrum - closer brake lever - brake opening control integrated with the brake lever - insert for large hands - Vari-Cushion™ silicone hoods - No-Bulge™ housing path - minimum friction housings - front derailleur micro-adjustment possibility - multiple shifting | 337 |
| CHORUS™ 11S SPROCKETS | 11-23, 11-25, 12-25, 12-27, 12-29 | steel - nickel-chromed finish - light alloy supports for the final two triplets - 11s timing - 11s tooth machining - 11s light alloy locking, thread 27x1 | 230 |
| CHORUS™ 11S CHAIN | | width 5,5 mm - Ni-PTFE Finish - 114 links - requires Ultra-Link™ for 11s chain - 11s outer link | 2,24/ link ** |
| CHORUS™ ULTRA-TORQUE™ CARBON 11S CRANKSET | 170, 172.5, 175 mm 39-52, 39-53, 42-54, 42-55 | full-carbon unidirectional-multidirectional cranks - light alloy fixing bolts - light alloy chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with hard anodization treatment - 8 pins on the large chainring - integrated ULTRA-TORQUE™ semi-axles - requires ULTRA-TORQUE™ BB cups | 667 |
| CHORUS™ ULTRA-TORQUE™ CT™ CARBON 11S CRANKSET | 170, 172.5, 175 mm 34-50, 52-36 | full-carbon unidirectional-multidirectional cranks - light alloy fixing bolts and nuts - light alloy chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with hard anodization treatment - 8 pins on the large chainring - integrated ULTRA-TORQUE™ semi-axles - requires ULTRA-TORQUE™ BB cups | 667 |
| ULTRA-TORQUE™ CARBON 11S CRANKSET | 165 mm 39-52, 39-53, 34-50 | full-carbon unidirectional-multidirectional cranks - light alloy fixing bolts - light alloy chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with hard anodization treatment - 8 pins on the large chainring - integrated ULTRA-TORQUE™ semi-axles - requires ULTRA-TORQUE™ BB cups | 667 |
| RECORD™ ULTRA-TORQUE™ BB OUTBOARD CUPS | ITA, ENG | aluminium | 46 |
| ULTRA-TORQUE™ OS-FIT™ INTEGRATED CUPS | BB30 Ø 42, BB30 Ø 46, 86,5x41, BB right Ø 51 | aluminium - integrated cups for oversize shells BB30 and 86,5x41, BB right Ø 51 | 29 |

| COMPONENT | / OPTIONS | / FEATURES | / WEIGHT (G.)* |
|---|-----------|--|----------------|
| CHORUS™ SKELETON™ BRAKES | | brake-pad height adjustment ratio:40÷50 mm (measured from brake fixing-bolt to brake-shoe-nut) - brake pads orbital adjustment - lightened rear brake - skeletonized arms - special pad compound - optional: front and rear dual-pivot brake (319 g) | 299 |
| RECORD™ WATER-BOTTLE CARRIER | | monocoque carbon, supplied with water-bottle | 18 |
| RECORD™ CABLE GUIDE PLATE | | to fit under bottom bracket shell - composite, suitable to oversize shells - technopolymer with PTFE | 5 |

* Average weight - it refers to the lighter specification among the available options.

** Example: 2,24 x 108 links = 242 g

GROUPSETS TECHNICAL SPECIFICATIONS

ROAD



| COMPONENT | / OPTIONS | / FEATURES | / WEIGHT (G.) |
|--|---|--|---------------------|
| ATHENA™ 11S REAR DERAILLEUR | deep black bright silver | upper to lower pulley-axle: 55 mm - aluminium outer plate - parallelogram with 11s geometry - die-cast aluminium upper body - lightened special rubber pulleys | 209 |
| ATHENA™ STD + CT™ 11S FRONT DERAILLEUR | braze-on / clip-on: Ø 32, 35 mm deep black bright silver | for double standard and CT™ crankset - capacity 16 – max. chainring 55 - min. chainring 34 - chrome-plated nickel fork - antifriction insert | 92 |
| ATHENA™ POWER-SHIFT™ 11S ERGOPOWER™ SHIFTERS | deep black bright silver | for caliper brakes - composite body - brake lever in aluminium - Power-Shift mechanism - ergonomic brake lever with high fulcrum - closer brake lever - brake opening control integrated with the brake lever - insert for large hands - Vari-Cushion™ silicone hoods - No-Bulge™ housing path - minimum friction housings - front derailleur micro-adjustment possibility - multiple shifting | 372 |
| ATHENA™ POWER-SHIFT™ 11S ALU-CARBON ERGOPOWER™ SHIFTERS | | for caliper brakes - composite body - carbon brake lever with aluminium core - Power-Shift mechanism - ergonomic brake lever with high fulcrum - closer brake lever - brake opening control integrated with the brake lever - insert for large hands - Vari-Cushion™ silicone hoods - No-Bulge™ housing path - minimum friction housings - front derailleur micro-adjustment possibility - multiple shifting | 372 |
| CHORUS™ 11S SPROCKETS | 11-23, 11-25, 12-25, 12-27, 12-29 | steel - nickel-chromed finish - light alloy supports for the final two triplets - 11s timing - 11s tooth machining - 11s light alloy locking, thread 27x1 | 230 |
| CHORUS™ 11S CHAIN | | width 5,5 mm - Ni-PTFE Finish - 114 links - requires Ultra-Link™ for 11s chain - 11s outer link - new material for outer link | 2,24/ link ** |
| ATHENA™ POWER-TORQUE™ 11S CRANKSET | 170, 172.5, 175 mm 39-52, 39-53 deep black bright silver | forged aluminum cranks - light alloy fixing bolts and nuts - light alloy chainrings - chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with silver anodization - 8 pins on the large chainring - integrated POWER-TORQUE™ axle - requires POWER-TORQUE™ BB cups | 736 |
| ATHENA™ POWER-TORQUE™ 11S CRANKSET | 170, 172.5, 175 mm 34-50, 52-36 deep black bright silver | forged aluminum cranks - light alloy fixing bolts and nuts - light alloy chainrings - chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with silver anodization - 8 pins on the large chainring - integrated POWER-TORQUE™ axle - requires POWER-TORQUE™ BB cups | 740 |
| ATHENA™ POWER-TORQUE™ CARBON 11S CRANKSET | 165, 170, 172.5, 175 mm 39-52, 39-53 | full-carbon unidirectional-multidirectional cranks - light alloy fixing bolts and nuts - light alloy chainrings - chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with hard anodization treatment - 8 pins on the large chainring - integrated POWER-TORQUE™ axle - requires POWER-TORQUE™ BB cups | 644 |
| ATHENA™ POWER-TORQUE™ CT™ CARBON 11S CRANKSET | 165, 170, 172.5, 175 mm 34-50, 52-36 | full-carbon unidirectional-multidirectional cranks - light alloy fixing bolts and nuts - light alloy chainrings - chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with hard anodization treatment - 8 pins on the large chainring - integrated POWER-TORQUE™ axle - requires POWER-TORQUE™ BB cups | 640 |
| POWER-TORQUE™ BB OUTBOARD CUPS | ITA, ENG | aluminium | 72 |

| COMPONENT | OPTIONS | FEATURES | WEIGHT (G.)* |
|--|-------------------------------------|--|--------------|
| POWER-TORQUE™ OS-FIT™ INTEGRATED CUPS | BB30 Ø 42, BB30 Ø 46, 86,5x41 | aluminium - integrated cups for oversize shells BB30 and 86,5x41 | 50 |
| ATHENA™ SKELETON™ BRAKES | deep black bright silver | brake-pad height adjustment ratio:40÷50 mm (measured from brake fixing-bolt to brake-shoe-nut) - brake pads orbital adjustment - lightened rear brake - skeletonized arms - special pad compound - optional: front and rear dual-pivot brake (331 g) | 306 |
| RECORD™ CABLE GUIDE PLATE | | to fit under bottom bracket shell - composite, suitable to oversize shells - technopolymer with PTFE | 5 |
| RECORD™ WATER-BOTTLE CARRIER | | monocoque carbon, supplied with water-bottle | 18 |

* Average weight - it refers to the lighter specification among the available options.

** Example: 2,24 x 108 links = 242 g

GROUPSETS TECHNICAL SPECIFICATIONS

ROAD



| COMPONENT | OPTIONS | FEATURES | WEIGHT (G.)* |
|---|--|--|---------------------|
| CENTAUR™ 10S REAR DERAILLEUR | black & red deep black | upper to lower pulley-axle: 55 mm - aluminium bodies - rollers on bushings - parallelogram with 11s geometry - lightened special rubber pulleys | 220 |
| | medium cage deep black black & red | upper to lower pulley-axle: 72,5 mm - aluminium bodies - rollers on bushings - rollers in special rubber - parallelogram with 11s geometry | 250 |
| CENTAUR™ STD + CT™ 9S/10S FRONT DERAILLEUR | braze-on / clip-on: Ø 32, 35 mm black&red deep black | for double standard and CT™ crankset - capacity 16 – max. chainring 55 - min. chainring 34 - chrome-plated nickel fork - antifriction insert | 92 |
| CENTAUR™ POWER-SHIFT™ 10S ERGOPOWER™ SHIF- TERS | black & red deep black | for caliper brakes - composite body - brake lever in aluminium - ball bearings - Power-Shift mechanism - ergonomic brake lever with high fulcrum - closer brake lever - brake opening control integrated with the brake lever - insert for large hands - Vari-Cushion™ silicone hoods - No-Bulge™ housing path - minimum friction housings - front derailleur micro-adjustment possibility - multiple shifting | 373 |
| CENTAUR™ POWER-SHIFT™ 10S ALU-CARBON ERGOPOWER™ SHIFTERS | black & red deep black | for caliper brakes - composite body - carbon brake lever with aluminium core - ball bearings - Power-Shift mechanism - ergonomic brake lever with high fulcrum - closer brake lever - brake opening control integrated with the brake lever - insert for large hands - Vari-Cushion™ silicone hoods - No-Bulge™ housing path - minimum friction housings - front derailleur micro-adjustment possibility - multiple shifting | 375 |
| CENTAUR™ UD™ 10S SPROCKETS | 11-23, 11-25, 12-25, 13-26, 13-29, 14-23, 12-29, 12-30 | steel - Ultra-Drive™ - nickel-chromed finish - supplied with lockring - light alloy supports | 248 |
| CENTAUR™ ULTRA-NARROW™ 10S CHAIN | | width 5,9 mm - Ni-PTFE Finish - 114 links - Ultra-Drive™ - HD-Link™ for Ultra Narrow™ chain - lightened links | 2,36/ link ** |
| CENTAUR™ POWER-TORQUE™ 10S CRANKSET | 170, 172.5, 175 mm 39-52, 39-53, 34-50 black & red deep black | forged aluminium cranks - chainrings with MPST™ (Micro Precision Shifting) - light-alloy sheared-drawn chainrings with antifriction treatment - 8 pins on the large chainring - integrated POWER-TORQUE™ axle - requires POWER-TORQUE™ BB cups | 738 |
| CENTAUR™ POWER-TORQUE™ CARBON 10S CRANKSET | 165, 170, 172.5, 175 mm 39-52, 39-53, 34-50 black & red deep black | full-carbon unidirectional-multidirectional cranks - chainrings with MPST™ (Micro Precision Shifting) - light-alloy sheared-drawn chainrings with antifriction treatment - 8 pins on the large chainring - integrated POWER-TORQUE™ axle - requires POWER-TORQUE™ BB cups | 644 |
| RECORD™ POWER-TORQUE™ BB OUTBOARD CUPS | ITA, ENG | aluminium | 72 |
| POWER-TORQUE™ OS-FIT™ INTEGRATED CUPS | BB30 Ø 42, BB30 Ø 46, 86,5x41 | aluminium - integrated cups for oversize shells BB30 and 86,5x41 | 50 |
| CENTAUR™ BRAKES | black & red deep black | brake-pad height adjustment ratio: 40÷50 mm (measured from brake fixing-bolt to brake-shoe-nut) - brake pads orbital adjustment - front and rear dual-pivot brake - forged arms - special pad compound | 310 |

* Average weight - it refers to the lighter specification among the available options.

** Example: 2,36 x 108 links = 255 g



| COMPONENT | / OPTIONS | / FEATURES | WEIGHT (G.)* |
|--|---|--|---------------------|
| VELOCE™ 10S REAR DERAILLEUR | short cage deep black bright silver | upper to lower pulley-axle: 55 mm - aluminium bodies - rollers on bushings - rollers in special rubber - parallelogram with 11s geometry | 227 |
| | medium cage deep black bright silver | upper to lower pulley-axle: 72,5 mm - aluminium bodies - rollers on bushings - rollers in special rubber - parallelogram with 11s geometry | 260 |
| VELOCE™ QS™ STD + CT™ 9S/10S FRONT DERAILLEUR | braze-on / clip-on: Ø 32, 35 mm black&red deep black | for double standard and CT™ crankset - capacity 16 – max. chainring 55 - min. chainring 34 - antifriction insert - chrome-plated nickel fork - surface treatments | 98 |
| VELOCE™ POWER-SHIFT™ 10S ERGPOWER™ SHIFTERS | deep black bright silver | for caliper brakes - composite body - aluminium brake lever - Power Shift™ mechanism - ergonomic brake lever with high fulcrum - closer brake lever - brake opening control integrated with the brake lever - insert for large hands - Vari-Cushion™ silicone hoods - No-Bulge™ housing path - minimum friction housings - front derailleur micro-adjustment possibility - multiple shifting | 368 |
| VELOCE™ 10S ERGPOWER™ FB SHIFTERS | | for caliper brakes - double/triple crankset compatible - alu-composite body – aluminium brake lever - requires QS™ front derailleur - upshift up to three sprockets - downshift up to three sprockets - rolling mechanism - adjustable brake lever distance - optical gear display - indexed left-hand control | 369 |
| VELOCE™ UD™ 10S SPROCKETS | 11-25, 12-23, 12-25, 13-26, 13-29 | steel - Ultra-Drive™ - single sprockets - galvanized - supplied with lockring | 258 |
| VELOCE™ ULTRA-NARROW™ 10S CHAIN | | width 5,9 mm - Ni-PTFE Finish - 114 links - Ultra-Drive™ - requires HD-Link™ for Ultra Narrow™ chain | 2,39/ link ** |
| VELOCE™ POWER-TORQUE™ 10S CRANKSET | 170, 172.5, 175 mm 39-53 deep black bright silver | forged aluminium cranks - chainrings MPST™ (Micro Precision Shifting) - light-alloy sheared-drawn chainrings with antifriction treatment - 8 pins on the large chainring - integrated POWER-TORQUE™ axle - requires POWER-TORQUE™ BB cups | 758 |
| VELOCE™ POWER-TORQUE™ CT™ 10S CRANKSET | 170, 172.5, 175 mm 34-50 deep black bright silver | forged aluminium cranks - chainrings MPST™ (Micro Precision Shifting) - light-alloy sheared-drawn chainrings with antifriction treatment - 8 pins on the large chainring - integrated POWER-TORQUE™ axle - requires POWER-TORQUE™ BB cups | 753 |
| POWER-TORQUE™ BB OUTBOARD CUPS | ITA, ENG | aluminium | 72 |
| POWER-TORQUE™ OS-FIT™ INTEGRATED CUPS | BB30 Ø 42, BB30 Ø 46, 86,5x41 | aluminium - integrated cups for oversize shells BB30 and 86,5x41 | 50 |
| VELOCE™ BRAKES | deep black bright silver | brake-pad height adjustment ratio: 40÷50 mm (measured from brake fixing-bolt to brake-shoe-nut) - forged arms - lightened rear brake - special pad compound - brake pads orbital adjustment - front and rear dual-pivot brake | 325 |

* Average weight - it refers to the lighter specification among the available options.

** Example: 2,39 x 108 links = 258 g

GROUPSETS TECHNICAL SPECIFICATIONS

ROAD



11x3



10x3



10x3

| COMPONENT | OPTIONS | FEATURES | WEIGHT (G.)* |
|---|---|---|--------------|
| ATHENA™ 11X3 ERGOPOWER | Deep black Bright Silver Alu/Carbon | Dedicated left control for triple drivetrain for caliper brakes - composite body - Power-Shift mechanism - ergonomic brake lever with high fulcrum - closer brake lever - brake opening control integrated with the brake lever - insert for large hands - Vari-Cushion™ silicone hoods - No-Bulge™ housing path - minimum friction housings - front derailleur micro-adjustment possibility - multiple shifting | 375 |
| ATHENA™ 11X3 FRONT DERAILLEUR | welded/clamp-on (∅ 32 and 35mm) | For triple 11x3 crankset - capacity 16 - chainring max 52 - chainring min. 30 - anti-friction insert - Nickel-chromium fork - surface treatment. | 101 |
| ATHENA™ 11S REAR DERAILLEUR | Long rocker Black Silver | upper to lower pulley-axle: 82 mm - aluminium outer plate - parallelogram with 11s geometry - die-cast aluminium upper body - lightened special rubber pulleys | 216 |
| ATHENA™ TRIPLE POWER-TORQUE™ 11S CRANKSET | 170, 172.5, 175mm 30-39-52 Black Silver Carbon | Hollow aluminium hand crank - forged aluminium cranks - light alloy fixing bolts and nuts - light alloy chainrings - chainrings with XPSS™ (eXtreme Performance Shifting System) - chainrings with silver anodization - 8 pins on the large chainring - integrated POWER-TORQUE™ axle - requires POWER-TORQUE™ BB cups | 904 |
| CENTAUR™ 10X3 ERGOPOWER | Black&Red Deep black | Dedicated left control for triple drivetrain for caliper brakes - composite body - brake lever in aluminium - ball bearings - Power-Shift mechanism - ergonomic brake lever with high fulcrum - closer brake lever - brake opening control integrated with the brake lever - insert for large hands - Vari-Cushion™ silicone hoods - No-Bulge™ housing path - minimum friction housings - front derailleur micro-adjustment possibility - multiple shifting | 376 |
| CENTAUR™ 10X3 FRONT DERAILLEUR | Black&Red - Deep black welded/clamp-on (∅ 32 and 35mm) | For triple 10x3 crankset - capacity 16 - chainring max 52 - chainring min. 30 - anti-friction insert - Nickel-chromium fork - surface treatment. | 101 |
| CENTAUR™ 10S REAR DERAILLEUR | Long rocker Black&Red Deep black | upper to lower pulley-axle: 72,5/89 mm - aluminium bodies - rollers on bushings - rollers in special rubber - parallelogram with 11s geometry | 238 |
| CENTAUR™ TRIPLE POWER-TORQUE™ 10S CRANKSET | Black&Red Deep black 170, 172.5, 175mm 30-39-52, 30-39-50 | Hollow aluminium hand crank - forged aluminium cranks - chainrings with MPS™ (Micro Precision Shifting) - light-alloy sheared-drawn chainrings with antifriction treatment - 8 pins on the large chainring - integrated POWER-TORQUE™ axle - requires POWER-TORQUE™ BB cups. | 914 |
| VELOCE™ 10X3 ERGOPOWER | Bright silver Deep black | Dedicated left control for triple drivetrain for caliper brakes - composite body - aluminium brake lever - Power Shift™ mechanism - ergonomic brake lever with high fulcrum - closer brake lever - brake opening control integrated with the brake lever - insert for large hands - Vari-Cushion™ silicone hoods - No-Bulge™ housing path - minimum friction housings - front derailleur micro-adjustment possibility - multiple shifting | 376 |
| VELOCE™ 10X3 FRONT DERAILLEUR | Bright silver Deep black welded/clamp-on (∅ 32 and 35mm) | For triple 10x3 crankset - capacity 16 - chainring max 52 - chainring min. 30 - anti-friction insert - Nickel-chromium fork - surface treatment. | 101 |
| VELOCE™ 10S REAR DERAILLEUR | Long rocker | upper to lower pulley-axle: 89 mm - aluminium bodies - rollers on bushings - rollers in special rubber - parallelogram with 11s geometry | 238 |
| VELOCE™ TRIPLE POWER-TORQUE™ 10S CRANKSET | Bright silver Deep black 170, 172.5, 175mm 30-39-50 | Hollow aluminium hand crank - forged aluminium cranks - chainrings MPS™ (Micro Precision Shifting) - light-alloy sheared-drawn chainrings with antifriction treatment - 8 pins on the large chainring - integrated POWER-TORQUE™ axle - requires POWER-TORQUE™ BB cups | 896 |