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Spécialités T.A.

Quality Chainrings

HAND MADE IN FRANCE



ALIZE



BLADE



CHINOOK



HORUS



HEGOA



HEGOA PLUS



VENTO



SYRIUS



XTR



ZEPHYR



VEGA



CARMINA

SUMMARY

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CRANKS



Pair Carmina cranks (road)

RRP

with locking of spider, self-extractor bolts and pedal washers
(delivered without spider)

Pair of Carmina cranks with separated spider - BSC	silver / polished - 155	\$435
Pair of Carmina cranks with separated spider - BSC	silver / polished - 160	
Pair of Carmina cranks with separated spider - BSC	silver / polished - 162,5	
Pair of Carmina cranks with separated spider - BSC	silver / polished - 165	
Pair of Carmina cranks with separated spider - BSC	silver / polished - 167,5	
Pair of Carmina cranks with separated spider - BSC	silver / polished - 170	
Pair of Carmina cranks with separated spider - BSC	silver / polished - 172,5	
Pair of Carmina cranks with separated spider - BSC	silver / polished - 175	
Pair of Carmina cranks with separated spider - BSC	silver / polished - 177,5	
Pair of Carmina cranks with separated spider - BSC	silver / polished - 180	
Pair of Carmina cranks with separated spider - BSC	silver / polished - 185	

Delay 4 to 6 weeks

Carmina cranks with a colour, it is possible!

Blue	Option for pair of CARMINA cranks: Blue powder coating	\$119
Red	Option for pair of CARMINA cranks: Red powder coating	\$119
Gold	Option for pair of CARMINA cranks: Gold powder coating	\$181

PM-CA0652	Pair of Carmina cranks with separated spider - BSC	black / polished - 165	\$435
PM-CA0672	Pair of Carmina cranks with separated spider - BSC	black / polished - 167,5	
PM-CA0702	Pair of Carmina cranks with separated spider - BSC	black / polished - 170	
PM-CA0722	Pair of Carmina cranks with separated spider - BSC	black / polished - 172,5	

Limited Edition (Satin silver powder coating)

PM-CA0652	LE Pair of Carmina cranks with separated spider - BSC	silver / satin - 165	\$263
PM-CA0702	LE Pair of Carmina cranks with separated spider - BSC	silver / satin - 170	
PM-CA0752	LE Pair of Carmina cranks with separated spider - BSC	silver / satin - 175	

Carmina cranks (road)

(only 1 crank)

MA-CA0552	Carmina right crank with separated spider - BSC	silver / polished - 155	\$205
MA-CA0602	Carmina right crank with separated spider - BSC	silver / polished - 160	
MA-CA0622	Carmina right crank with separated spider - BSC	silver / polished - 162,5	
MA-CA0652	Carmina right crank with separated spider - BSC	silver / polished - 165	
MA-CA0672	Carmina right crank with separated spider - BSC	silver / polished - 167,5	
MA-CA0702	Carmina right crank with separated spider - BSC	silver / polished - 170	
MA-CA0752	Carmina right crank with separated spider - BSC	silver / polished - 175	
MA-CA0772	Carmina right crank with separated spider - BSC	silver / polished - 177,5	
MA-CA0802	Carmina right crank with separated spider - BSC	silver / polished - 180	
MA-CA0852	Carmina right crank with separated spider - BSC	silver / polished - 185	
MA-CA4552	Carmina left crank - BSC	silver / polished - 155	\$189
MA-CA4602	Carmina left crank - BSC	silver / polished - 160	
MA-CA4622	Carmina left crank - BSC	silver / polished - 162,5	
MA-CA4652	Carmina left crank - BSC	silver / polished - 165	
MA-CA4672	Carmina left crank - BSC	silver / polished - 167,5	
MA-CA4702	Carmina left crank - BSC	silver / polished - 170	
MA-CA4722	Carmina left crank - BSC	silver / polished - 172,5	
MA-CA4752	Carmina left crank - BSC	silver / polished - 175	
MA-CA4772	Carmina left crank - BSC	silver / polished - 177,5	
MA-CA4802	Carmina left crank - BSC	silver / polished - 180	
MA-CA4852	Carmina left crank - BSC	silver / polished - 185	

CRANKS



Pair Vega cranks

RRP

with lockring of spider, cotterless bolts and pedal washers
(delivered without spider)

Pair of Vega cranks with separated spider - BSC	black / satin - 155	\$282
Pair of Vega cranks with separated spider - BSC	black / satin - 160	
Pair of Vega cranks with separated spider - BSC	black / satin - 165	
Pair of Vega cranks with separated spider - BSC	black / satin - 170	
Pair of Vega cranks with separated spider - BSC	black / satin - 172,5	
Pair of Vega cranks with separated spider - BSC	black / satin - 175	
Pair of Vega cranks with separated spider - BSC	black / satin - 180	

Vega cranks (All - Round using)

(only 1 crank)

MA-VE0559	Vega right crank with separated spicer - BSC	black / satin - 155	\$134
MA-VE0609	Vega right crank with separated spicer - BSC	black / satin - 160	
MA-VE0659	Vega right crank with separated spicer - BSC	black / satin - 165	
MA-VE0709	Vega right crank with separated spicer - BSC	black / satin - 170	
MA-VE0729	Vega right crank with separated spicer - BSC	black / satin - 172,5	
MA-VE0759	Vega right crank with separated spicer - BSC	black / satin - 175	
MA-VE0809	Vega right crank with separated spicer - BSC	black / satin - 180	
MA-VE4559	Vega left crank - BSC	black / satin - 155	\$115
MA-VE4609	Vega left crank - BSC	black / satin - 160	
MA-VE4659	Vega left crank - BSC	black / satin - 165	
MA-VE4709	Vega left crank - BSC	black / satin - 170	
MA-VE4729	Vega left crank - BSC	black / satin - 172,5	
MA-VE4759	Vega left crank - BSC	black / satin - 175	
MA-VE4809	Vega left crank - BSC	black / satin - 180	



Spiders for Carmina - Vega cranks

ET-001	Spider lockring	\$22
ET-10429	Double Spider (104) 4 arms black mat	\$137
ET-10439	Triple Spider (104-64) 4 arms black mat	\$142
ET-09429	Double Spider (94) 5 arms black mat	\$141
ET-09439	Triple Spider (94-58) 5 arms black mat	\$146
ET-11022	Double Spider (110 mm) 5 arms silver polished	\$152
ET-11029	Double Spider (110 mm) 5 arms black mat	\$136
ET-11032	Triple Spider (110-74 mm) 5 arms silver polished	\$157
ET-11039	Triple Spider (110-74 mm) 5 arms black mat	\$141
ET-13022	Double Spider (130 mm) 5 arms silver polished	\$162
ET-13029	Double Spider (130 mm) 5 arms black mat	\$147
ET-13032	Triple Spider (130-74 mm) 5 arms silver polished	\$168
ET-13039	Triple Spider (130-74 mm) 5 arms black mat	\$152
Delay 4 to 6 weeks <i>Carmina cranks with a colour, it is possible!</i>		
Blue	Option for spider CARMINA - VEGA : Blue powder coating	\$35
Red	Option for spider CARMINA - VEGA : Red powder coating	\$35
Gold	Option for spider CARMINA - VEGA : Gold powder coating	\$49

BMX & Freeride CHAINRINGS

BMX

RRP



Bullet Chainrings

Delivered with adaption spacers

Completely CNC machined

6 mm thickness - Al 2017 T4

CR-38-BU	Bullet chainring BMX	38 teeth black	\$138
CR-39-BU	Bullet chainring BMX	39 teeth black	\$140
CR-40-BU	Bullet chainring BMX	40 teeth black	\$141
CR-41-BU	Bullet chainring BMX	41 teeth black	\$144
CR-42-BU	Bullet chainring BMX	42 teeth black	\$145
CR-43-BU	Bullet chainring BMX	43 teeth black	\$147
CR-44-BU	Bullet chainring BMX	44 teeth black	\$149
CB-001	Spacers for BMX chainrings - (1 set)		\$4

BMX, Free-Ride DH



BLADE chainrings

4 arms

PCD 104 mm - Al 7075 T6

CR-384-4B	Blade single chainring (104)	38 teeth black	\$98
CR-394-4B	Blade single chainring (104)	39 teeth black	\$103
CR-404-4B	Blade single chainring (104)	40 teeth black	\$106
CR-414-4B	Blade single chainring (104)	41 teeth black	\$114
CR-424-4B	Blade single chainring (104)	42 teeth black	\$116
CR-434-4B	Blade single chainring (104)	43 teeth black	\$118
CR-444-4B	Blade single chainring (104)	44 teeth black	\$119



BLADE chainrings

5 arms

PCD 110 mm - Al 7075 T6

CR-381-4B	Blade single chainring (110)	38 teeth black	\$98
CR-391-4B	Blade single chainring (110)	39 teeth black	\$103
CR-401-4B	Blade single chainring (110)	40 teeth black	\$106
CR-411-4B	Blade single chainring (110)	41 teeth black	\$114
CR-421-4B	Blade single chainring (110)	42 teeth black	\$116
CR-431-4B	Blade single chainring (110)	43 teeth black	\$118

All our chainrings are compatible with 8,9 and 10 speed transmissions

MTB CHAINRINGS

Compatible SHIMANO - XTR

RRP

SISMIC chainrings

compatible Shimano XTR 2007 - 2008 - 2009

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IFS (Invisible-Fixing-System) = no holes and no visible fixing points on the chainrings

Open Hole  **Open Hole** = disassembly of the middle chainring without disassembling the inner chainring

PCD 104, 104, 64 mm - Al 7075 T6

PL-41064179-22	SISMIC chainring (64) Inner 9S	22 teeth grey	\$83
PL-41104279-32	SISMIC chainring (104) Middle 9S - Open Hole	32 teeth grey	\$132
PL-41104379-44	SISMIC chainring (104) Outer 9S - IFS	44 teeth grey	\$437
Kit de 3 plateaux	Set of 3 SISMIC chainrings (104/64) - 44 x 32 x 22 dts	grey	

C116 Chainrings

compatible Shimano XTR 2003 - 2004 - 2005 - 2006



PCD 146, 102, 64 mm - Al 7075 T6

PL-41064149-22	C116 chainring (64) Inner 9S	22 teeth black	\$80
PL-41102249-32	C116 chainring (104) Middle 9S - Open Hole	32 teeth black	\$116
PL-41146349-44	C116 chainring (104) Outer 9S - IFS	44 teeth black	\$156

MTB CHAINRINGS

Compatible SHIMANO and other brands

RRP



CHINOOK chainrings

4 arms Triple MTB

PCD 58 mm - Al 7075 T6 (specify colour)

CR-225-4	Chinook chainring (58) Inner 9S	22 teeth silver	\$62
CR-225-4	Chinook chainring (58) Inner 9S	22 teeth black	\$62
CR-245-4	Chinook chainring (58) Inner 9S	24 teeth silver	\$64
CR-245-4	Chinook chainring (58) Inner 9S	24 teeth black	\$64

PCD 64 mm - Al 7075 T6 (specify colour)

CR-226-4	Chinook chainring (64) Inner 9S	22 teeth silver	\$62
CR-226-4	Chinook chainring (64) Inner 9S	22 teeth black	\$62
CR-246-4	Chinook chainring (64) Inner 9S	24 teeth silver	\$64
CR-246-4	Chinook chainring (64) Inner 9S	24 teeth black	\$64
CR-266-4	Chinook chainring (64) Inner 9S	26 teeth silver	\$68
CR-266-4	Chinook chainring (64) Inner 9S	26 teeth black	\$68
CR-286-4	Chinook chainring (64) Inner 9S	28 teeth silver	\$69
CR-286-4	Chinook chainring (64) Inner 9S	28 teeth black	\$69
CR-306-4	Chinook chainring (64) Inner 9S	30 teeth silver	\$71
CR-306-4	Chinook chainring (64) Inner 9S	30 teeth black	\$71



PCD 104 mm - Al 7075 T6 (specify colour)

**Technological Evolution of the middle Chinook 104 chainrings
2X two teeth machined cut teeth to help the chain go down**

CR-324-4	Chinook chainring (104) Middle 9S	32 teeth silver	\$95
CR-324-4	Chinook chainring (104) Middle 9S	32 teeth black	\$95
CR-344-4	Chinook chainring (104) Middle 9S	34 teeth silver	\$97
CR-344-4	Chinook chainring (104) Middle 9S	34 teeth black	\$97
CR-364-4	Chinook chainring (104) Middle 9S	36teeth silver	\$100
CR-364-4	Chinook chainring (104) Middle 9S	36 teeth black	\$100
CR-384-4	Chinook chainring (104) Middle 9S	38 teeth silver	\$104
CR-384-4	Chinook chainring (104) Middle 9S	38 teeth black	\$104
CR-404-4	Chinook chainring (104) Middle 9S	40 teeth silver	\$107
CR-404-4	Chinook chainring (104) Middle 9S	40 teeth black	\$107
CR-424-4	Chinook chainring (104) Middle 9S	42 teeth silver	\$111
CR-424-4	Chinook chainring (104) Middle 9S	42 teeth black	\$111



CR-424-4	Chinook chainring arms of 18 (104) Outer - 9S	42 teeth silver	\$112
CR-424-4-O	Chinook chainring arms of 18 (104) Outer - 9S	42 teeth black	\$112
CR-424-4-O	Chinook chainring arms of 18 (104) Outer - 9S	44 teeth silver	\$118
CR-424-4-O	Chinook chainring arms of 18 (104) Outer - 9S	44 teeth black	\$118
CR-424-4-O	Chinook chainring arms of 18 (104) Outer - 9S	46 teeth silver	\$122
CR-424-4-O	Chinook chainring arms of 18 (104) Outer - 9S	46 teeth black	\$122
CR-424-4-O	Chinook chainring arms of 18 (104) Outer - 9S	48 teeth silver	\$127
CR-424-4-O	Chinook chainring arms of 18 (104) Outer - 9S	48 teeth black	\$127
CR-424-4-O	Chinook chainring arms of 18 (104) Outer - 9S	50 teeth silver	\$132
CR-424-4-O	Chinook chainring arms of 18 (104) Outer - 9S	50 teeth black	\$132
CR-424-4-O	Chinook chainring arms of 23 (104) Outer - 9S	42 teeth silver	\$112
CR-424-4-O	Chinook chainring arms of 23 (104) Outer - 9S	42 teeth black	\$112
CR-444-4-O	Chinook chainring arms of 23 (104) Outer - 9S	44 teeth silver	\$118
CR-444-4-O	Chinook chainring arms of 23 (104) Outer - 9S	44 teeth black	\$118
CR-464-4-O	Chinook chainring arms of 23 (104) Outer - 9S	46 teeth silver	\$122
CR-464-4-O	Chinook chainring arms of 23 (104) Outer - 9S	46 teeth black	\$122
CR-484-4-O	Chinook chainring arms of 23 (104) Outer - 9S	48 teeth silver	\$127
CR-484-4-O	Chinook chainring arms of 23 (104) Outer - 9S	48 teeth black	\$127
CR-504-4-O	Chinook chainring arms of 23 (104) Outer - 9S	50 teeth silver	\$132
CR-504-4-O	Chinook chainring arms of 23 (104) Outer - 9S	50 teeth black	\$132

MTB CHAINRINGS

Compatible SHIMANO and other brands

RRP



COMPACT CHAINRINGS 4 arms triple MTB

PCD 58 mm - Al 7075 T6 (specify colour)

CR-205	Compact chainring (58) Inner 9S	20 teeth silver	\$60
CR-205	Compact chainring (58) Inner 9S	20 teeth black	\$60
CR-225	Compact chainring (58) Inner 9S	22 teeth silver	\$62
CR-225	Compact chainring (58) Inner 9S	22 teeth black	\$62
CR-245	Compact chainring (58) Inner 9S	24 teeth silver	\$64
CR-245	Compact chainring (58) Inner 9S	24 teeth black	\$64



COMPACT chainrings compatible 5 arms MTB

PCD 94 mm - Al 7075 T6

CR-299	Compact chainring (94) Inner 9S	29 teeth silver	\$69
CR-299	Compact chainring (94) Inner 9S	29 teeth black	\$69
CR-309	Compact chainring (94) Inner 9S	30 teeth silver	\$70
CR-309	Compact chainring (94) Inner 9S	30 teeth black	\$70



CR-329	Compact chainring (94) Middle 9S	32 teeth silver	\$92
CR-329	Compact chainring (94) Middle 9S	32 teeth black	\$92
CR-349	Compact chainring (94) Middle 9S	34 teeth silver	\$95
CR-349	Compact chainring (94) Middle 9S	34 teeth black	\$95
CR-369	Compact chainring (94) Middle 9S	36 teeth silver	\$97
CR-369	Compact chainring (94) Middle 9S	36 teeth black	\$97
CR-389	Compact chainring (94) Middle 9S	38 teeth silver	\$100
CR-389	Compact chainring (94) Middle 9S	38 teeth black	\$100
CR-409	Compact chainring (94) Middle 9S	40 teeth silver	\$102
CR-409	Compact chainring (94) Middle 9S	40 teeth black	\$102



CR-429	Compact chainring (94) Outer 9S	42 teeth silver	\$113
CR-429	Compact chainring (94) Outer 9S	42 teeth black	\$113
CR-449	Compact chainring (94) Outer 9S	44 teeth silver	\$118
CR-449	Compact chainring (94) Outer 9S	44 teeth black	\$118
CR-469	Compact chainring (94) Outer 9S	46 teeth black	\$123
CR-489	Compact chainring (94) Outer 9S	48 teeth silver	\$129
CR-489	Compact chainring (94) Outer 9S	48 teeth black	\$129
CR-509	Compact chainring (94) Outer 9S	50 teeth silver	\$133
CR-509	Compact chainring (94) Outer 9S	50 teeth black	\$133

ROAD CHAINRINGS

Compatible CAMPAGNOLO, SHIMANO and other brands

RRP



ZÉLITO Triple chainrings

PCD 74 mm - Al 7075 T6 (specify colour)

CR-247	Zélito chainring (74) triple Inner 9/10S	24 teeth silver	\$64
CR-247	Zélito chainring (74) triple Inner 9/10S	24 teeth black	\$64
CR-267	Zélito chainring (74) triple Inner 9/10S	26 teeth silver	\$68
CR-267	Zélito chainring (74) triple Inner 9/10S	26 teeth black	\$68
CR-287	Zélito chainring (74) triple Inner 9/10S	28 teeth silver	\$69
CR-287	Zélito chainring (74) triple Inner 9/10S	28 teeth black	\$69
CR-307	Zélito chainring (74) triple Inner 9/10S	30 teeth silver	\$71
CR-307	Zélito chainring (74) triple Inner 9/10S	30 teeth black	\$71
CR-327	Zélito chainring (74) triple Inner 9/10S	32 teeth silver	\$75
CR-327	Zélito chainring (74) triple Inner 9/10S	32 teeth black	\$75
CR-347	Zélito chainring (74) triple Inner 9/10S	34 teeth silver	\$77
CR-347	Zélito chainring (74) triple Inner 9/10S	34 teeth black	\$77
CR-367	Zélito chainring (74) triple Inner 9/10S	36 teeth silver	\$80
CR-367	Zélito chainring (74) triple Inner 9/10S	36 teeth black	\$80

Compatible SHIMANO and other brands



SYRIUS Chainrings

Completely CNC, light and stiff

PCD 110 mm - Al 7075 T6 (specify colour)

CR-341-SY-I	Syrius chainring (110) Inner 9/10S	34 teeth silver	\$97
CR-341-SY-I	Syrius chainring (110) Inner 9/10S	34 teeth black	\$97
CR-361-SY-I	Syrius chainring (110) Inner 9/10S	36 teeth silver	\$99
CR-361-SY-I	Syrius chainring (110) Inner 9/10S	36 teeth black	\$99
CR-381-SY-I	Syrius chainring (110) Inner 9/10S	38 teeth silver	\$102
CR-381-SY-I	Syrius chainring (110) Inner 9/10S	38 teeth black	\$102



CR-461-SY-O	Syrius chainring (110) Outer 9/10S	46 teeth silver	\$155
CR-461-SY-O	Syrius chainring (110) Outer 9/10S	46 teeth black	\$155
CR-481-SY-O	Syrius chainring (110) Outer 9/10S	48 teeth silver	\$160
CR-481-SY-O	Syrius chainring (110) Outer 9/10S	48 teeth black	\$160
CR-501-SY-O	Syrius chainring (110) Outer 9/10S	50 teeth black	\$165
CR-511-SY-O	Syrius Reinforced chainring (110) Outer 9/10S	51 teeth silver	\$172
CR-511-SY-O	Syrius Reinforced chainring (110) Outer 9/10S	51 teeth black	\$172
CR-521-SY-O	Syrius Reinforced chainring (110) Outer 9/10S	52 teeth silver	\$174
CR-521-SY-O	Syrius Reinforced chainring (110) Outer 9/10S	52 teeth black	\$174

Syrius and Nérius chainrings with a colour, it is possible!

Blue	Option for SYRIUS and NÉRIUS chainring : Blue powder coat	\$26
Red	Option for SYRIUS and NÉRIUS chainring : Red powder coat	\$26
Gold	Option for SYRIUS and NÉRIUS chainring : Gold powder coat	\$39

ROAD CHAINRINGS

Compatible **SHIMANO** and other brands

RRP



ZEPHYR Chainrings

Entraxe 110 mm - Al 7075 T6 (specify colour)

CR-331-I	Zéphyr chainring (110) Inner 9/10S	33 teeth silver	\$61
CR-331-I	Zéphyr chainring (110) Inner 9/10S	33 teeth black	\$61
CR-341-I	Zéphyr chainring (110) Inner 9/10S	34 teeth silver	\$62
CR-341-I	Zéphyr chainring (110) Inner 9/10S	34 teeth black	\$62
CR-361-I	Zéphyr chainring (110) Inner 9/10S	36 teeth silver	\$64
CR-361-I	Zéphyr chainring (110) Inner 9/10S	36 teeth black	\$64
CR-361-I	Zéphyr chainring (110) Inner 9/10S	38 teeth silver	\$66
CR-381-I	Zéphyr chainring (110) Inner 9/10S	38 teeth black	\$66
CR-391-I	Zéphyr chainring (110) Inner 9/10S	39 teeth silver	\$67
CR-391-I	Zéphyr chainring (110) Inner 9/10S	39 teeth black	\$67
CR-401-I	Zéphyr chainring (110) Inner 9/10S	40 teeth silver	\$68
CR-401-I	Zéphyr chainring (110) Inner 9/10S	40 teeth black	\$68



CR-341-M	Zéphyr chainring (110) Middle 9/10S	34 teeth silver	\$76
CR-341-M	Zéphyr chainring (110) Middle 9/10S	34 teeth black	\$76
CR-351-M	Zéphyr chainring (110) Middle 9/10S	35 teeth silver	\$76
CR-351-M	Zéphyr chainring (110) Middle 9/10S	35 teeth black	\$76
CR-361-M	Zéphyr chainring (110) Middle 9/10S	36 teeth silver	\$78
CR-361-M	Zéphyr chainring (110) Middle 9/10S	36 teeth black	\$78
CR-371-M	Zéphyr chainring (110) Middle 9/10S	37 teeth silver	\$79
CR-371-M	Zéphyr chainring (110) Middle 9/10S	37 teeth black	\$79
CR-381-M	Zéphyr chainring (110) Middle 9/10S	38 teeth silver	\$80
CR-381-M	Zéphyr chainring (110) Middle 9/10S	38 teeth black	\$80
CR-391-M	Zéphyr chainring (110) Middle 9/10S	39 teeth silver	\$81
CR-391-M	Zéphyr chainring (110) Middle 9/10S	39 teeth black	\$81
CR-401-M	Zéphyr chainring (110) Middle 9/10S	40 teeth silver	\$82
CR-401-M	Zéphyr chainring (110) Middle 9/10S	40 teeth black	\$82
CR-411-M	Zéphyr chainring (110) Middle 9/10S	41 teeth silver	\$83
CR-411-M	Zéphyr chainring (110) Middle 9/10S	41 teeth black	\$83
CR-421-M	Zéphyr chainring (110) Middle 9/10S	42 teeth silver	\$84
CR-421-M	Zéphyr chainring (110) Middle 9/10S	42 teeth black	\$84
CR-431-M	Zéphyr chainring (110) Middle 9/10S	43 teeth silver	\$85
CR-441-M	Zéphyr chainring (110) Middle 9/10S	44 teeth silver	\$87
CR-441-M	Zéphyr chainring (110) Middle 9/10S	44 teeth black	\$87
CR-451-M	Zéphyr chainring (110) Middle 9/10S	45 teeth silver	\$89
CR-451-M	Zéphyr chainring (110) Middle 9/10S	45 teeth black	\$89
CR-461-M	Zéphyr chainring (110) Middle 9/10S	46 teeth silver	\$90
CR-461-M	Zéphyr chainring (110) Middle 9/10S	46 teeth black	\$90

ROAD CHAINRINGS

Compatible SHIMANO and other brands

RRP



ZEPHYR chainrings

PCD 110 mm - Al 7075 T6

CR-401-O	Zéphyr chainring (110) Outer 9/10S	40 teeth silver	\$108
CR-401-O	Zéphyr chainring (110) Outer 9/10S	40 teeth black	\$108
CR-411-O	Zéphyr chainring (110) Outer 9/10S	41 teeth silver	\$110
CR-411-O	Zéphyr chainring (110) Outer 9/10S	41 teeth black	\$110
CR-421-O	Zéphyr chainring (110) Outer 9/10S	42 teeth silver	\$113
CR-421-O	Zéphyr chainring (110) Outer 9/10S	42 teeth black	\$113
CR-431-O	Zéphyr chainring (110) Outer 9/10S	43 teeth silver	\$114
CR-431-O	Zéphyr chainring (110) Outer 9/10S	43 teeth black	\$114
CR-441-O	Zéphyr chainring (110) Outer 9/10S	44 teeth silver	\$118
CR-441-O	Zéphyr chainring (110) Outer 9/10S	44 teeth black	\$118
CR-451-O	Zéphyr chainring (110) Outer 9/10S	45 teeth silver	\$119
CR-451-O	Zéphyr chainring (110) Outer 9/10S	45 teeth black	\$119
CR-461-O	Zéphyr chainring (110) Outer 9/10S	46 teeth silver	\$121
CR-461-O	Zéphyr chainring (110) Outer 9/10S	46 teeth black	\$121
CR-471-O	Zéphyr chainring (110) Outer 9/10S	47 teeth silver	\$124
CR-471-O	Zéphyr chainring (110) Outer 9/10S	47 teeth black	\$124
CR-481-O	Zéphyr chainring (110) Outer 9/10S	48 teeth silver	\$127
CR-481-O	Zéphyr chainring (110) Outer 9/10S	48 teeth black	\$127
CR-491-O	Zéphyr chainring (110) Outer 9/10S	49 teeth silver	\$129
CR-491-O	Zéphyr chainring (110) Outer 9/10S	49 teeth black	\$129
CR-501-O	Zéphyr chainring (110) Outer 9/10S	50 teeth silver	\$131
CR-501-O	Zéphyr chainring (110) Outer 9/10S	50 teeth black	\$131
CR-511-O	Zéphyr chainring (110) Outer 9/10S	51 teeth silver	\$132
CR-511-O	Zéphyr chainring (110) Outer 9/10S	51 teeth black	\$132
CR-521-O	Zéphyr chainring (110) Outer 9/10S	52 teeth silver	\$134
CR-521-O	Zéphyr chainring (110) Outer 9/10S	52 teeth black	\$134
CR-531-O	Zéphyr chainring (110) Outer 9/10S	53 teeth silver	\$136
CR-531-O	Zéphyr chainring (110) Outer 9/10S	53 teeth black	\$136
CR-541-O	Zéphyr chainring (110) Outer 9/10S	54 teeth silver	\$142
CR-541-O	Zéphyr chainring (110) Outer 9/10S	54 teeth black	\$142
CR-551-O	Zéphyr chainring (110) Outer 9/10S	55 teeth silver	\$144
CR-551-O	Zéphyr chainring (110) Outer 9/10S	55 teeth black	\$144
CR-561-O	Zéphyr chainring (110) Outer 9/10S	56 teeth silver	\$146
CR-561-O	Zéphyr chainring (110) Outer 9/10S	56 teeth black	\$146
CR-571-O	Zéphyr chainring (110) Outer 9/10S	57 teeth black	\$158
CR-581-O	Zéphyr chainring (110) Outer 9/10S	58 teeth silver	\$163
CR-581-O	Zéphyr chainring (110) Outer 9/10S	58 teeth black	\$163
CR-591-O	Zéphyr chainring (110) Outer 9/10S	59 teeth silver	\$165
CR-591-O	Zéphyr chainring (110) Outer 9/10S	59 teeth black	\$165
CR-601-O	Zéphyr chainring (110) Outer 9/10S	60 teeth silver	\$167
CR-601-O	Zéphyr chainring (110) Outer 9/10S	60 teeth black	\$167
CR-611-O	Zéphyr chainring (110) Outer 9/10S	61 teeth silver	\$172
CR-611-O	Zéphyr chainring (110) Outer 9/10S	61 teeth black	\$172



ZEPHYR Tandem Relay

PCD 110 mm - Al 7075 T6

PL-54110302-35	Zephyr tandem relay (110)	35 teeth silver	\$77
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ROAD CHAINRINGS

Compatible SHIMANO and other brands

RRP

IFS : Invisible - Fixing - System

(no holes and no visible fixing points on the chainring)

**Easy assembly
with shouldered bolts**



Spécialités

TA

**inventor of
the invisible
attachment
and copied
by other**

SQUALE-110 Chainrings

PCD 110 mm, arms of 18mm, IFS system, delivered with new shouldered bolts - Al 7075 T6

PL-51110362-46	Squale-110 chainring arms of 18 mm (110) Outer 9/10S	46 teeth silver	\$228
PL-51110369-46	Squale-110 chainring arms of 18 mm (110) Outer 9/10S	46 teeth black	\$228
PL-51110362-48	Squale-110 chainring arms of 18 mm (110) Outer 9/10S	48 teeth silver	\$232
PL-51110369-48	Squale-110 chainring arms of 18 mm (110) Outer 9/10S	48 teeth black	\$232
PL-51110362-49	Squale-110 chainring arms of 18 mm (110) Outer 9/10S	49 teeth silver	\$233
PL-51110369-49	Squale-110 chainring arms of 18 mm (110) Outer 9/10S	49 teeth black	\$233
PL-51110362-50	Squale-110 chainring arms of 18 mm (110) Outer 9/10S	50 teeth silver	\$234
PL-51110369-50	Squale-110 chainring arms of 18 mm (110) Outer 9/10S	50 teeth black	\$234
PL-51110362-51	Squale-110 Reinforced chainring arms of 18 mm (110) O	51 teeth silver	\$242
PL-51110369-51	Squale-110 Reinforced chainring arms of 18 mm (110) O	51 teeth black	\$242
PL-51110362-52	Squale-110 Reinforced chainring arms of 18 mm (110) O	52 teeth silver	\$243
PL-51110369-52	Squale-110 Reinforce chainring arms of 18 mm (110) Ou	52 teeth black	\$243
PL-51110362-53	Squale-110 Reinforced chainring arms of 18 mm (110) O	53 teeth silver	\$245
PL-51110369-53	Squale-110 Reinforced chainring arms of 18 mm (110) O	53 teeth black	\$245

SQUALE-130 chainrings

compatible Shimano DURA ACE, ULTEGRA, 105, TIAGRA.

PCD 130 mm, arms of 20mm, IFS system, delivered with new shouldered bolts - Al 7075 T6

PL-51130362-48	Squale-130 chainring arms of 20 mm (130) Outer 9/10S	48 teeth silver	\$232
PL-51130369-48	Squale-130 chainring arms of 20 mm (130) Outer 9/10S	48 teeth black	\$232
PL-51130362-49	Squale-130 chainring arms of 20 mm (130) Outer 9/10S	49 teeth silver	\$233
PL-51130362-50	Squale-130 chainring arms of 20 mm (130) Outer 9/10S	50 teeth silver	\$234
PL-51130369-50	Squale-130 chainring arms of 20 mm (130) Outer 9/10S	50 teeth black	\$234
PL-51130362-51	Squale-130 chainring arms of 20 mm (130) Outer 9/10S	51 teeth silver	\$235
PL-51130369-51	Squale-130 chainring arms of 20 mm (130) Outer 9/10S	51 teeth black	\$235
PL-51130362-52	Squale-130 chainring arms of 20 mm (130) Outer 9/10S	52 teeth silver	\$237
PL-51130369-52	Squale-130 chainring arms of 20 mm (130) Outer 9/10S	52 teeth black	\$237
PL-51130362-53	Squale-130 chainring arms of 20 mm (130) Outer 9/10S	53 teeth silver	\$238
PL-51130369-53	Squale-130 chainring arms of 20 mm (130) Outer 9/10S	53 teeth black	\$238

SQUALE chainrings with a colour, it is possible!

Blue	Option for SQUALE chainring : Blue powder coating	\$21
Red	Option for SQUALE chainring : Red powder coating	\$21
Gold	Option for SQUALE chainring : Gold powder coating	\$32

ROAD CHAINRINGS

Compatible SHIMANO and other brands

RRP

HEGOA Chainrings

Compatible Shimano-130 Road

Completely CNC, light and stiff

PCD 130 mm - Al 7075 T6 (specify colour)



CR-383-HE-I	Hégoa chainring (130) Inner 9/10S	38 teeth silver	\$83
CR-383-HE-I	Hégoa chainring (130) Inner 9/10S	38 teeth black	\$83
CR-393-HE-I	Hégoa chainring (130) Inner 9/10S	39 teeth silver	\$84
CR-393-HE-I	Hégoa chainring (130) Inner 9/10S	39 teeth black	\$84
CR-423-HE-I	Hégoa chainring (130) Inner 9/10S	42 teeth silver	\$89
CR-423-HE-I	Hégoa chainring (130) Inner 9/10S	42 teeth black	\$89
CR-443-HE-I	Hégoa chainring (130) Inner 9/10S	44 teeth silver	\$91
CR-443-HE-I	Hégoa chainring (130) Inner 9/10S	44 teeth black	\$91
CR-503-HE-O	Hégoa chainring (130) Outer 9/10S	50 teeth silver	\$135
CR-503-HE-O	Hégoa chainring (130) Outer 9/10S	50 teeth black	\$135
CR-513-HE-O	Hégoa chainring (130) Outer 9/10S	51 teeth silver	\$136
CR-513-HE-O	Hégoa chainring (130) Outer 9/10S	51 teeth black	\$136
CR-523-HE-O	Hégoa chainring (130) Outer 9/10S	52 teeth silver	\$137
CR-523-HE-O	Hégoa chainring (130) Outer 9/10S	52 teeth black	\$137
CR-533-HE-O	Hégoa chainring (130) Outer 9/10S	53 teeth silver	\$139
CR-533-HE-O	Hégoa chainring (130) Outer 9/10S	53 teeth black	\$139



HEGOA chainrings with a colour, it is possible!

Blue	Option for HEGOA chainring : Blue powder coating	\$27
Red	Option for HEGOA chainring : Red powder coating	\$27
Gold	Option for HEGOA chainring : Gold powder coating	\$41



ALIZE chainrings compatible Shimano Road

PCD 130 mm - Al 7075 T6 (specify colour)

CR-383-I	Alizé chainring (130) Inner 9/10S	38 teeth silver	\$66
CR-383-I	Alizé chainring (130) Inner 9/10S	38 teeth black	\$66
CR-393-I	Alizé chainring (130) Inner 9/10S	39 teeth silver	\$67
CR-393-I	Alizé chainring (130) Inner 9/10S	39 teeth black	\$67
CR-403-I	Alizé chainring (130) Inner 9/10S	40 teeth silver	\$68
CR-403-I	Alizé chainring (130) Inner 9/10S	40 teeth black	\$68
CR-413-I	Alizé chainring (130) Inner 9/10S	41 teeth silver	\$70
CR-423-I	Alizé chainring (130) Inner 9/10S	42 teeth silver	\$71
CR-423-I	Alizé chainring (130) Inner 9/10S	42 teeth black	\$71
CR-433-I	Alizé chainring (130) Inner 9/10S	43 teeth silver	\$73
CR-433-I	Alizé chainring (130) Inner 9/10S	43 teeth black	\$73
CR-443-I	Alizé chainring (130) Inner 9/10S	44 teeth silver	\$74
CR-443-I	Alizé chainring (130) Inner 9/10S	44 teeth black	\$74
CR-453-I	Alizé chainring (130) Inner 9/10S	45 teeth silver	\$76
CR-453-I	Alizé chainring (130) Inner 9/10S	45 teeth black	\$76
CR-463-I	Alizé chainring (130) Inner 9/10S	46 teeth silver	\$77
CR-463-I	Alizé chainring (130) Inner 9/10S	46 teeth black	\$77
CR-483-I	Alizé chainring (130) Inner 9/10S	48 teeth silver	\$81
CR-483-I	Alizé chainring (130) Inner 9/10S	48 teeth black	\$81

ROAD CHAINRINGS

Compatible SHIMANO and other brands

RRP



ALIZE chainrings

PCD 130 mm - Al 7075 T6 (specify colour)

CR-383-M	Alizé chainring (130) Middle 9/10S	38 teeth silver	\$98
CR-383-M	Alizé chainring (130) Middle 9/10S	38 teeth black	\$98
CR-393-M	Alizé chainring (130) Middle 9/10S	39 teeth silver	\$99
CR-393-M	Alizé chainring (130) Middle 9/10S	39 teeth black	\$99
CR-403-M	Alizé chainring (130) Middle 9/10S	40 teeth silver	\$100
CR-403-M	Alizé chainring (130) Middle 9/10S	40 teeth black	\$100
CR-423-M	Alizé chainring (130) Middle 9/10S	42 teeth silver	\$103
CR-423-M	Alizé chainring (130) Middle 9/10S	42 teeth black	\$103
CR-443-M	Alizé chainring (130) Middle 9/10S	44 teeth silver	\$107
CR-443-M	Alizé chainring (130) Middle 9/10S	44 teeth black	\$107
CR-463-M	Alizé chainring (130) Middle 9/10S	46 teeth silver	\$111
CR-463-M	Alizé chainring (130) Middle 9/10S	46 teeth black	\$111



CR-463-O	Alizé chainring (130) Outer 9/10S	46 teeth silver	\$121
CR-463-O	Alizé chainring (130) Outer 9/10S	46 teeth black	\$121
CR-473-O	Alizé chainring (130) Outer 9/10S	47 teeth silver	\$124
CR-473-O	Alizé chainring (130) Outer 9/10S	47 teeth black	\$124
CR-483-O	Alizé chainring (130) Outer 9/10S	48 teeth silver	\$127
CR-483-O	Alizé chainring (130) Outer 9/10S	48 teeth black	\$127
CR-493-O	Alizé chainring (130) Outer 9/10S	49 teeth silver	\$129
CR-493-O	Alizé chainring (130) Outer 9/10S	49 teeth black	\$129
CR-503-O	Alizé chainring (130) Outer 9/10S	50 teeth silver	\$131
CR-503-O	Alizé chainring (130) Outer 9/10S	50 teeth black	\$131
CR-513-O	Alizé chainring (130) Outer 9/10S	51 teeth silver	\$132
CR-513-O	Alizé chainring (130) Outer 9/10S	51 teeth black	\$132
CR-523-O	Alizé chainring (130) Outer 9/10S	52 teeth silver	\$134
CR-523-O	Alizé chainring (130) Outer 9/10S	52 teeth black	\$134
CR-533-O	Alizé chainring (130) Outer 9/10S	53 teeth silver	\$136
CR-533-O	Alizé chainring (130) Outer 9/10S	53 teeth black	\$136
CR-543-O	Alizé chainring (130) Outer 9/10S	54 teeth silver	\$142
CR-543-O	Alizé chainring (130) Outer 9/10S	54 teeth black	\$142
CR-553-O	Alizé chainring (130) Outer 9/10S	55 teeth silver	\$144
CR-563-O	Alizé chainring (130) Outer 9/10S	56 teeth silver	\$146
CR-563-O	Alizé chainring (130) Outer 9/10S	56 teeth black	\$146
CR-573-O	Alizé chainring (130) Outer 9/10S	57 teeth silver	\$158
CR-573-O	Alizé chainring (130) Outer 9/10S	57 teeth black	\$158
CR-583-O	Alizé chainring (130) Outer 9/10S	58 teeth silver	\$163
CR-583-O	Alizé chainring (130) Outer 9/10S	58 teeth black	\$163
CR-593-O	Alizé chainring (130) Outer 9/10S	59 teeth silver	\$165
CR-593-O	Alizé chainring (130) Outer 9/10S	59 teeth black	\$165
CR-603-O	Alizé chainring (130) Outer 9/10S	60 teeth silver	\$167
CR-603-O	Alizé chainring (130) Outer 9/10S	60 teeth black	\$167
CR-613-O	Alizé chainring (130) Outer 9/10S	61 teeth silver	\$172
CR-613-O	Alizé chainring (130) Outer 9/10S	61 teeth black	\$172

ROAD CHAINRINGS

Compatible **SHIMANO** and other brands

RRP



ALIZE Tandem Relay

Entraxe 130 mm - Al 7075 T6

PL-54130302-40	Tandem Relay (130)	40 teeth silver	\$86
PL-54130309-40	Tandem Relay (130)	40 teeth black	\$86



ALIZE-K CHAINRINGS

PCD 130 mm - Al 7075 T6

PL-52130202-38	Alizé-K chainring (130) Kit for triple middle chainring 9/10S	38 teeth silver	\$143
PL-52130209-38	Alizé-K chainring (130) Kit for triple middle chainring 9/10S	38 teeth black	\$143
PL-52130202-39	Alizé-K chainring (130) Kit for triple middle chainring 9/10S	39 teeth silver	\$144
PL-52130209-39	Alizé-K chainring (130) Kit for triple middle chainring 9/10S	39 teeth black	\$144
PL-52130202-40	Alizé-K chainring (130) Kit for triple middle chainring 9/10S	40 teeth silver	\$147
PL-52130209-40	Alizé-K chainring (130) Kit for triple middle chainring 9/10S	40 teeth black	\$147
PL-52130202-42	Alizé-K chainring (130) Kit for triple middle chainring 9/10S	42 teeth silver	\$150
PL-52130209-42	Alizé-K chainring (130) Kit for triple middle chainring 9/10S	42 teeth black	\$150

ROAD CHAINRINGS

Compatible CAMPAGNOLO

RRP

NERIUS Chainrings

Compatible Campagnolo compact

Completely CNC, light and stiff

PCD 110 m - Al 7075 T6 - 5th arm slightly out of line



CR-341-NE-I	Nérius chainring (110/5th out of line) Inner 10S	34 teeth silver	\$98
CR-341-NE-I	Nérius chainring (110/5th out of line) Inner 10S	34 teeth black	\$98
CR-361-NE-I	Nérius chainring (110/5th out of line) Inner 10S	36 teeth silver	\$100
CR-361-NE-I	Nérius chainring (110/5th out of line) Inner 10S	36 teeth black	\$100
CR-381-NE-I	Nérius chainring (110/5th out of line) Inner 10S	38 teeth silver	\$102
CR-381-NE-I	Nérius chainring (110/5th out of line) Inner 10S	38 teeth black	\$102
CR-391-NE-I	Nérius chainring (110/5th out of line) Inner 10S	39 teeth silver	\$103
CR-391-NE-I	Nérius chainring (110/5th out of line) Inner 10S	39 teeth black	\$103
CR-421-NE-I	Nérius chainring (110/5th out of line) Inner 10S	42 teeth silver	\$107
CR-421-NE-I	Nérius chainring (110/5th out of line) Inner 10S	42 teeth black	\$107



CR-481-NE-O	Nérius chainring (110/5th out of line) Outer 10S	48 teeth silver	\$167
CR-481-NE-O	Nérius chainring (110/5th out of line) Outer 10S	48 teeth black	\$167
CR-491-NE-O	Nérius chainring (110/5th out of line) Outer 10S	49 teeth silver	\$169
CR-491-NE-O	Nérius chainring (110/5th out of line) Outer 10S	49 teeth black	\$169
CR-501-NE-O	Nérius chainring (110/5th out of line) Outer 10S	50 teeth silver	\$173
CR-501-NE-O	Nérius chainring (110/5th out of line) Outer 10S	50 teeth black	\$173
CR-511-NE-O	Nérius Reinforced chainring (110/5th out of line) Outer 10	51 teeth silver	\$179
CR-511-NE-O	Nérius Reinforced chainring (110/5th out of line) Outer 10	51 teeth black	\$179
CR-521-NE-O	Nérius Reinforced chainring (110/5th out of line) Outer 10	52 teeth silver	\$181
CR-521-NE-O	Nérius Reinforced chainring (110/5th out of line) Outer 10	52 teeth black	\$181
CR-531-NE-O	Nérius Reinforced chainring (110/5th out of line) Outer 10	53 teeth silver	\$183
CR-531-NE-O	Nérius Reinforced chainring (110/5th out of line) Outer 10	53 teeth black	\$183

Nérius chainrings with a colour, it is possible!

Blue	Option for NERIUS chainring : Blue powder coating	\$26
Red	Option for NERIUS chainring : Red powder coating	\$26
Gold	Option for NERIUS chainring : Gold powder coating	\$39

SOLANO chainrings

PCD 110 mm- Al 7075 T6 - 5th arm out of line, thickness 2,8 mm



PL-50110319-40	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	40 teeth silver	\$147
PL-50110319-40	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	40 teeth black	\$147
PL-50110312-41	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	41 teeth silver	\$150
PL-50110319-41	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	41 teeth black	\$150
PL-50110312-42	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	42 teeth silver	\$152
PL-50110319-42	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	42 teeth black	\$152
PL-50110312-43	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	43 teeth silver	\$154
PL-50110319-43	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	43 teeth black	\$154
PL-50110312-44	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	44 teeth silver	\$156
PL-50110319-44	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	44 teeth black	\$156
PL-50110312-45	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	45 teeth silver	\$158
PL-50110319-45	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	45 teeth black	\$158
PL-50110312-46	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	46 teeth silver	\$160
PL-50110319-46	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	46 teeth black	\$160
PL-50110312-47	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	47 teeth silver	\$162
PL-50110319-47	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	47 teeth black	\$162

ROAD CHAINRINGS

Compatible CAMPAGNOLO

RRP

SOLANO Chainrings

Compatible Campagnolo compact

PCD 110 mm- Al 7075 T6 - 5th arm out of line, thickness 2,8 mm

PL-50110312-48	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	48 teeth silver	\$166
PL-50110319-48	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	48 teeth black	\$166
PL-50110312-49	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	49 teeth silver	\$168
PL-50110319-49	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	49 teeth black	\$168
PL-50110312-50	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	50 teeth silver	\$170
PL-50110319-50	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	50 teeth black	\$170
PL-50110312-51	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	51 teeth silver	\$172
PL-50110319-51	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	51 teeth black	\$172
PL-50110312-52	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	52 teeth silver	\$174
PL-50110319-52	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	52 teeth black	\$174
PL-50110312-53	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	53 teeth silver	\$176
PL-50110319-53	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	53 teeth black	\$176
PL-50110312-54	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	54 teeth silver	\$180
PL-50110319-54	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	54 teeth black	\$180
PL-50110312-55	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	55 teeth silver	\$185
PL-50110319-55	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	55 teeth black	\$185
PL-50110312-56	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	56 teeth silver	\$187
PL-50110319-56	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	56 teeth black	\$187
PL-50110312-57	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	57 teeth silver	\$193
PL-50110319-57	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	57 teeth black	\$193
PL-50110312-58	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	58 teeth silver	\$195
PL-50110319-58	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	58 teeth black	\$195
PL-50110312-59	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	59 teeth silver	\$197
PL-50110319-59	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	59 teeth black	\$197
PL-50110312-60	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	60 teeth silver	\$200
PL-50110319-60	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	60 teeth black	\$200
PL-50110312-61	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	61 teeth silver	\$202
PL-50110319-61	Solano Chainrings (110/5th out of line) Outer 9/10 Speed	61 teeth black	\$202

HORUS Chainrings

Compatible Campagnolo-135 Road

Completely CNC, light and stiff

PCD 135 mm - Al 7075 T6



CR-39C-HO-I	Horus Chainrings (135) Inner 9/10 Speed	39 teeth black	\$103
CR-42C-HO-I	Horus Chainrings (135) Inner 9/10 Speed	42 teeth silver	\$109
CR-42C-HO-I	Horus Chainrings (135) Inner 9/10 Speed	42 teeth black	\$109
CR-44C-HO-I	Horus Chainrings (135) Inner 9/10 Speed	44 teeth silver	\$111
CR-44C-HO-I	Horus Chainrings (135) Inner 9/10 Speed	44 teeth black	\$111



CR-50C-HO	Horus Chainring (135) Outer 9/10 Speed	50 teeth silver	\$173
CR-50C-HO	Horus Chainring (135) Outer 9/10 Speed	50 teeth black	\$173
CR-51C-HO	Horus Chainring (135) Outer 9/10 Speed	51 teeth silver	\$174
CR-51C-HO	Horus Chainring (135) Outer 9/10 Speed	51 teeth black	\$174
CR-52C-HO	Horus Chainring (135) Outer 9/10 Speed	52 teeth silver	\$176
CR-52C-HO	Horus Chainring (135) Outer 9/10 Speed	52 teeth black	\$176
CR-53C-HO	Horus Chainring (135) Outer 9/10 Speed	53 teeth silver	\$178
CR-53C-HO	Horus Chainring (135) Outer 9/10 Speed	53 teeth black	\$178

HORUS chainrings with a colour, it is possible!

Blue	Option for HORUS chainring : Blue powder coating	\$26
Red	Option for HORUS chainring : Red powder coating	\$26
Gold	Option for HORUS chainring : Gold powder coating	\$39

ROAD CHAINRINGS

Compatible CAMPAGNOLO

RRP



TIVANO chainrings

Compatible Campagnolo
PCD 135 mm - Al 7075 T6
5th arm thickness: 2,8 mm

PL-50135322-46	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	46 teeth silver	\$140
PL-50135329-46	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	46 teeth black	\$140
PL-50135322-47	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	47 teeth silver	\$142
PL-50135329-47	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	47 teeth black	\$142
PL-50135322-48	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	48 teeth silver	\$145
PL-50135329-48	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	48 teeth black	\$145
PL-50135322-49	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	49 teeth silver	\$147
PL-50135329-49	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	49 teeth black	\$147
PL-50135322-50	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	50 teeth silver	\$149
PL-50135329-50	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	50 teeth black	\$149
PL-50135322-51	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	51 teeth silver	\$150
PL-50135329-51	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	51 teeth black	\$150
PL-50135322-52	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	52 teeth silver	\$152
PL-50135329-52	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	52 teeth black	\$152
PL-50135322-53	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	53 teeth silver	\$154
PL-50135329-53	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	53 teeth black	\$154
PL-50135322-54	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	54 teeth silver	\$156
PL-50135329-54	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	54 teeth black	\$156
PL-50135322-55	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	55 teeth silver	\$158
PL-50135329-55	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	55 teeth black	\$158
PL-50135322-56	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	56 teeth silver	\$160
PL-50135329-56	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	56 teeth black	\$160
PL-50135322-57	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	57 teeth black	\$170
PL-50135329-57	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	57 teeth black	\$170
PL-50135322-58	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	58 teeth black	\$172
PL-50135329-58	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	58 teeth black	\$172
PL-50135322-59	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	59 teeth black	\$175
PL-50135329-59	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	59 teeth black	\$175
PL-50135322-60	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	60 teeth black	\$177
PL-50135329-60	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	60 teeth black	\$177
PL-50135322-61	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	61 teeth black	\$180
PL-50135329-61	new	Tivano chainring (135 / 5th arm tks 2.8 mm) Outer 9/10S	61 teeth black	\$180



VENTO chainrings

Compatible Campagnolo
PCD 135 mm - Al 7075 T6

CR-39C-VE-I	Vento chainring (135) Inner 9/10S	39 teeth silver	\$82
CR-39C-VE-I	Vento chainring (135) Inner 9/10S	39 teeth black	\$82
CR-40C-VE-I	Vento chainring (135) Inner 9/10S	40 teeth silver	\$83
CR-40C-VE-I	Vento chainring (135) Inner 9/10S	40 teeth black	\$83
CR-41C-VE-I	Vento chainring (135) Inner 9/10S	41 teeth silver	\$86
CR-41C-VE-I	Vento chainring (135) Inner 9/10S	41 teeth black	\$86
CR-42C-VE-I	Vento chainring (135) Inner 9/10S	42 teeth silver	\$87
CR-42C-VE-I	Vento chainring (135) Inner 9/10S	42 teeth black	\$87
CR-43C-VE-I	Vento chainring (135) Inner 9/10S	43 teeth silver	\$90
CR-43C-VE-I	Vento chainring (135) Inner 9/10S	43 teeth black	\$90
CR-44C-VE-I	Vento chainring (135) Inner 9/10S	44 teeth silver	\$91
CR-44C-VE-I	Vento chainring (135) Inner 9/10S	44 teeth black	\$91
CR-45C-VE-I	Vento chainring (135) Inner 9/10S	45 teeth silver	\$93
CR-45C-VE-I	Vento chainring (135) Inner 9/10S	45 teeth black	\$93
CR-46C-VE-I	Vento chainring (135) Inner 9/10S	46 teeth silver	\$95
CR-46C-VE-I	Vento chainring (135) Inner 9/10S	46 teeth black	\$95
CR-48C-VE-I	Vento chainring (135) Inner 9/10S	48 teeth silver	\$99
CR-48C-VE-I	Vento chainring (135) Inner 9/10S	48 teeth black	\$99

ROAD CHAINRINGS

Compatible CAMPAGNOLO

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VENTO chainrings

PCD 135 mm - Al 7075 T6 (specify colour)

CR-39C-VE-M	Vento chainring (135) Middle 9/10S	39 teeth silver	\$99
CR-39C-VE-M	Vento chainring (135) Middle 9/10S	39 teeth black	\$99
CR-40C-VE-M	Vento chainring (135) Middle 9/10S	40 teeth silver	\$100
CR-40C-VE-M	Vento chainring (135) Middle 9/10S	40 teeth black	\$100
CR-42C-VE-M	Vento chainring (135) Middle 9/10S	42 teeth silver	\$103
CR-42C-VE-M	Vento chainring (135) Middle 9/10S	42 teeth black	\$103
CR-44C-VE-M	Vento chainring (135) Middle 9/10S	44 teeth silver	\$107
CR-44C-VE-M	Vento chainring (135) Middle 9/10S	44 teeth black	\$107
CR-46C-VE-M	Vento chainring (135) Middle 9/10S	46 teeth silver	\$111
CR-46C-VE-M	Vento chainring (135) Middle 9/10S	46 teeth black	\$111



CR-46C-VE-O	Vento chainring (135) Outer 9/10S	46 teeth silver	\$123
CR-46C-VE-O	Vento chainring (135) Outer 9/10S	46 teeth black	\$123
CR-47C-VE-O	Vento chainring (135) Outer 9/10S	47 teeth silver	\$125
CR-47C-VE-O	Vento chainring (135) Outer 9/10S	47 teeth black	\$125
CR-48C-VE-O	Vento chainring (135) Outer 9/10S	48 teeth silver	\$128
CR-48C-VE-O	Vento chainring (135) Outer 9/10S	48 teeth black	\$128
CR-49C-VE-O	Vento chainring (135) Outer 9/10S	49 teeth silver	\$131
CR-49C-VE-O	Vento chainring (135) Outer 9/10S	49 teeth black	\$131
CR-50C-VE-O	Vento chainring (135) Outer 9/10S	50 teeth silver	\$133
CR-50C-VE-O	Vento chainring (135) Outer 9/10S	50 teeth black	\$133
CR-51C-VE-O	Vento chainring (135) Outer 9/10S	51 teeth black	\$134
CR-51C-VE-O	Vento chainring (135) Outer 9/10S	51 teeth black	\$134
CR-52C-VE-O	Vento chainring (135) Outer 9/10S	52 teeth black	\$136
CR-52C-VE-O	Vento chainring (135) Outer 9/10S	52 teeth black	\$136
CR-53C-VE-O	Vento chainring (135) Outer 9/10S	53 teeth black	\$137
CR-53C-VE-O	Vento chainring (135) Outer 9/10S	53 teeth black	\$137
CR-54C-VE-O	Vento chainring (135) Outer 9/10S	54 teeth black	\$143
CR-54C-VE-O	Vento chainring (135) Outer 9/10S	54 teeth black	\$143
CR-55C-VE-O	Vento chainring (135) Outer 9/10S	55 teeth black	\$145
CR-55C-VE-O	Vento chainring (135) Outer 9/10S	55 teeth black	\$145
CR-56C-VE-O	Vento chainring (135) Outer 9/10S	56 teeth black	\$147
CR-57C-VE-O	Vento chainring (135) Outer 9/10S	57 teeth black	\$159
CR-57C-VE-O	Vento chainring (135) Outer 9/10S	57 teeth black	\$159
CR-58C-VE-O	Vento chainring (135) Outer 9/10S	58 teeth silver	\$164
CR-58C-VE-O	Vento chainring (135) Outer 9/10S	58 teeth black	\$164
CR-59C-VE-O	Vento chainring (135) Outer 9/10S	59 teeth silver	\$166
CR-59C-VE-O	Vento chainring (135) Outer 9/10S	59 teeth black	\$166
CR-60C-VE-O	Vento chainring (135) Outer 9/10S	60 teeth silver	\$169
CR-60C-VE-O	Vento chainring (135) Outer 9/10S	60 teeth black	\$169
CR-61C-VE-O	Vento chainring (135) Outer 9/10S	61 teeth silver	\$174
CR-61C-VE-O	Vento chainring (135) Outer 9/10S	61 teeth black	\$174



VENTO-K chainrings

PCD 135 mm

PL-52135202-39	Vento-K chainring (135) Set for triple middle chain	39 teeth silver	\$144
PL-52135209-39	Vento-K chainring (135) Set for triple middle chain	39 teeth black	\$144
PL-52135202-40	Vento-K chainring (135) Set for triple middle chain	40 teeth silver	\$147
PL-52135209-40	Vento-K chainring (135) Set for triple middle chain	40 teeth black	\$147
PL-52135202-42	Vento-K chainring (135) Set for triple middle chain	42 teeth silver	\$150
PL-52135209-42	Vento-K chainring (135) Set for triple middle chain	42 teeth black	\$150

VENTO-K chainrings are no longer compatible with the Ultra-Torque concept (due to the fixed length of the axle)

CHAINRINGS

Compatible **CAMPAGNOLO**

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COMPETITION chainrings Road compatible Campagnolo

Previous Record model - PCD 144 mm - AI 7075 T6

PL-50144102-41	Compétition chainring (144) Inner 8S	41 teeth	silver	\$89
PL-50144102-42	Compétition chainring (144) Inner 8S	42 teeth	silver	\$90
PL-50144302-46	Compétition chainring (144) Outer 8S	46 teeth	silver	\$122
PL-50144302-47	Compétition chainring (144) Outer 8S	47 teeth	silver	\$124
PL-50144302-48	Compétition chainring (144) Outer 8S	48 teeth	silver	\$128
PL-50144302-49	Compétition chainring (144) Outer 8S	49 teeth	silver	\$132
PL-50144302-50	Compétition chainring (144) Outer 8S	50 teeth	silver	\$134
PL-50144302-51	Compétition chainring (144) Outer 8S	51 teeth	silver	\$136
PL-50144302-52	Compétition chainring (144) Outer 8S	52 teeth	silver	\$138
PL-50144302-53	Compétition chainring (144) Outer 8S	53 teeth	silver	\$140

SINGLE CHAINRINGS



Single chainring - 104

PCD 104 mm - AI 7075 T6

PL-40104332-38	new Single chainring 104	38 teeth	mat silver	\$76
PL-40104339-38	new Single chainring 104	38 teeth	mat black	\$76
PL-40104332-40	new Single chainring 104	40 teeth	mat silver	\$79
PL-40104339-40	new Single chainring 104	40 teeth	mat black	\$79
PL-40104332-42	new Single chainring 104	42 teeth	mat silver	\$79
PL-40104339-42	new Single chainring 104	42 teeth	mat black	\$79



Single chainring - 110

PCD 110 mm - AI 7075 T6

PL-50110332-38	new Single chainring 110	38 teeth	mat silver	\$70
PL-50110339-38	new Single chainring 110	38 teeth	mat black	\$70
PL-50110332-40	new Single chainring 110	40 teeth	mat silver	\$72
PL-50110339-40	new Single chainring 110	40 teeth	mat black	\$72
PL-50110332-42	new Single chainring 110	42 teeth	mat silver	\$74
PL-50110339-42	new Single chainring 110	42 teeth	mat black	\$74



PCD 130 mm - AI 7075 T6

PL-50130	new Single chainring 130	40 teeth	mat silver	\$72
PL-50130339-40	new Single chainring 130	40 teeth	mat black	\$72
PL-50130332-42	new Single chainring 130	42 teeth	mat silver	\$74
PL-50130339-42	new Single chainring 130	42 teeth	mat black	\$74
PL-50130332-44	new Single chainring 130	44 teeth	mat silver	\$76
PL-50130339-44	new Single chainring 130	44 teeth	mat black	\$76

For single chainring use, like Rohloff, single speed, urban fittings...

No indexing system

Symmetrical and centered tooth for a perfect revertibility of the chainring

Inner and outer fitting of the chainring are both possible - laser engraving on both sides

Chainring compatible with 7, 8, 9 and 10 speed chains

TRACK CHAINRINGS



ALIZE Track chainrings compatible Shimano

RRP

PCD 130 mm - Al 7075 T6

C	PL-53130302-44	Alizé Track chainring (130) chain 3.17	44 teeth	silver	\$99
C	CR-453-M	Alizé Track chainring (130) chain 3.17	45 teeth	silver	\$102
C	PL-53130302-46	Alizé Track chainring (130) chain 3.17	46 teeth	silver	\$103
C	PL-53130302-47	Alizé Track chainring (130) chain 3.17	47 teeth	silver	\$105
C	CR-483	Alizé Track chainring (130) chain 3.17	48 teeth	silver	\$108
C	PL-53130302-49	Alizé Track chainring (130) chain 3.17	49 teeth	silver	\$109
C	PL-53130302-50	Alizé Track chainring (130) chain 3.17	50 teeth	silver	\$111
C	PL-53130302-51	Alizé Track chainring (130) chain 3.17	51 teeth	silver	\$112
C	PL-53130302-52	Alizé Track chainring (130) chain 3.17	52 teeth	silver	\$114



VENTO Track chainrings compatible Campagnolo

PCD 135 mm

C	PL-53135302-44	Vento Track chainring (135) chain 3.17	44 teeth	silver	\$99
C	PL-53135302-45	Vento Track chainring (135) chain 3.17	45 teeth	silver	\$102
C	PL-53135302-46	Vento Track chainring (135) chain 3.17	46 teeth	silver	\$103
C	PL-53135302-47	Vento Track chainring (135) chain 3.17	47 teeth	silver	\$105
C	PL-53135302-48	Vento Track chainring (135) chain 3.17	48 teeth	silver	\$108
C	PL-53135302-49	Vento Track chainring (135) chain 3.17	49 teeth	silver	\$109
C	PL-53135302-50	Vento Track chainring (135) chain 3.17	50 teeth	silver	\$111
C	PL-53135302-51	Vento Track chainring (135) chain 3.17	51 teeth	silver	\$112
C	PL-53135302-52	Vento Track chainring (135) chain 3.17	52 teeth	silver	\$114



FULL TRACK chainrings

Completely CNC machined, light and stiff

PCD 144 mm - Al 7075 T6

C	PL-53144319-44	new Full Track chainring (144) chain 3.17	44 teeth	black	\$163
C	PL-53144319-45	new Full Track chainring (144) chain 3.17	45 teeth	black	\$165
C	PL-53144319-46	new Full Track chainring (144) chain 3.17	46 teeth	black	\$167
C	PL-53144319-47	new Full Track chainring (144) chain 3.17	47 teeth	black	\$169
C	PL-53144319-48	new Full Track chainring (144) chain 3.17	48 teeth	black	\$173
C	PL-53144319-49	new Full Track chainring (144) chain 3.17	49 teeth	black	\$176
C	PL-53144319-50	new Full Track chainring (144) chain 3.17	50 teeth	black	\$178
C	PL-53144319-51	new Full Track chainring (144) chain 3.17	51 teeth	black	\$180
C	PL-53144319-52	new Full Track chainring (144) chain 3.17	52 teeth	black	\$182
C	PL-53144319-53	new Full Track chainring (144) chain 3.17	53 teeth	black	\$184
C	PL-53144319-54	new Full Track chainring (144) chain 3.17	54 teeth	black	\$187
C	PL-53144319-56	new Full Track chainring (144) chain 3.17	56 teeth	black	\$191



COMPETITION Track chainrings compatible Campagnolo

PCD 144 mm - Al 7075 T6

C	PL-53144302-44	Competition Track chainring (144) chain 3.17	44 teeth	silver	\$99
C	PL-53144302-45	Competition Track chainring (144) chain 3.17	45 teeth	silver	\$102
C	PL-53144302-46	Competition Track chainring (144) chain 3.17	46 teeth	silver	\$103
C	PL-53144302-47	Competition Track chainring (144) chain 3.17	47 teeth	silver	\$105
C	PL-53144302-48	Competition Track chainring (144) chain 3.17	48 teeth	silver	\$108
C	PL-53144302-49	Competition Track chainring (144) chain 3.17	49 teeth	silver	\$109
C	PL-53144302-50	Competition Track chainring (144) chain 3.17	50 teeth	silver	\$111
C	PL-53144302-51	Competition Track chainring (144) chain 3.17	51 teeth	silver	\$112
C	PL-53144302-52	Competition Track chainring (144) chain 3.17	52 teeth	silver	\$114

CHAINRINGS

Pro 5 Vis chainrings compatible with 8 speed transmissions maximum.

RRP



Pro 5 Vis chainrings

PCD 80 mm - Al 7075 T6

C	PL-50080302-40	Pro 5 Vis chainring (80) cyclo outer 8S	40 teeth	polished	\$76
C	PL-50080302-42	Pro 5 Vis chainring (80) cyclo outer 8S	42 teeth	polished	\$80
C	PL-50080302-44	Pro 5 Vis chainring (80) cyclo outer 8S	44 teeth	polished	\$82
C	PL-50080302-46	Pro 5 Vis chainring (80) cyclo outer 8S	46 teeth	polished	\$85
C	PL-50080302-48	Pro 5 Vis chainring (80) cyclo outer 8S	48 teeth	polished	\$90
C	PL-50080302-50	Pro 5 Vis chainring (80) cyclo outer 8S	50 teeth	polished	\$93
C	PL-50080302-52	Pro 5 Vis chainring (80) cyclo outer 8S	52 teeth	polished	\$97
C	PL-50080102-26	Pro 5 Vis chainwheel (80) cyclo inner / middle 8S	26 teeth	polished	\$60
C	PL-50080102-28	Pro 5 Vis chainwheel (80) cyclo inner / middle 8S	28 teeth	polished	\$62
C	PL-50080102-30	Pro 5 Vis chainwheel (80) cyclo inner / middle 8S	30 teeth	polished	\$64
C	PL-50080102-32	Pro 5 Vis chainwheel (80) cyclo inner / middle 8S	32 teeth	polished	\$66
C	PL-50080102-34	Pro 5 Vis chainwheel (80) cyclo inner / middle 8S	34 teeth	polished	\$68
C	PL-50080102-36	Pro 5 Vis chainwheel (80) cyclo inner / middle 8S	36 teeth	polished	\$70
C	PL-50080102-38	Pro 5 Vis chainwheel (80) cyclo inner / middle 8S	38 teeth	polished	\$73
C	PL-50080102-40	Pro 5 Vis chainwheel (80) cyclo inner / middle 8S	40 teeth	polished	\$76
C	PL-50080102-42	Pro 5 Vis chainwheel (80) cyclo inner / middle 8S	42 teeth	polished	\$80

CHAINGUARDS



Pro-Tech chainguards

RRP

PCD 104 mm - Al 7075 T6

4 arms

FL-104329	Pro-Tech chainguard (104)	32 teeth	black	\$103
FL-104349	Pro-Tech chainguard (104)	34 teeth	black	\$108
FL-104369	Pro-Tech chainguard (104)	36 teeth	black	\$111
FL-104389	Pro-Tech chainguard (104)	38 teeth	black	\$114
FL-104409	Pro-Tech chainguard (104)	40 teeth	black	\$118
FL-104429	Pro-Tech chainguard (104)	42 teeth	black	\$142
FL-104449	Pro-Tech chainguard (104)	44 teeth	black	\$145
FL-104469	Pro-Tech chainguard (104)	46 teeth	black	\$148



PCD 130 mm - Al 7075 T6

5 arms

FL-130409	Pro-Tech chainguard (130)	39 - 40 th	black	\$139
FL-130429	Pro-Tech chainguard (130)	41 - 42 th	black	\$142
FL-130449	Pro-Tech chainguard (130)	43 - 44 th	black	\$145
FL-130469	Pro-Tech chainguard (130)	45 - 46 th	black	\$148
FL-130489	Pro-Tech chainguard (130)	47 - 48 th	black	\$154
FL-130509	Pro-Tech chainguard (130)	49 - 50 th	black	\$159
FL-130529	Pro-Tech chainguard (130)	51 - 52 th	black	\$164
FL-130549	Pro-Tech chainguard (130)	53 - 54 th	black	\$169



F 15 chainguards

PCD 130 mm - Al 7075 T6

FL-F130422	F15 chainguard (130)	42 teeth	silver	\$111
FL-F130442	F15 chainguard (130)	44 teeth	silver	\$113

BOTTOM BRACKETS

Axix Light pro bottom bracket

RRP

aluminium bearing cups, sealed bearing (2) - (delivered without cotterless axle bolt)



Thread : 1.37" x 24 T.P.I. = BSC

BBP-03	Axix Light pro bottom bracket	- titanium axle	103 mm	BSC	\$349
BBP-07	Axix Light pro bottom bracket	- titanium axle	107 mm	BSC	
BBP-10	Axix Light pro bottom bracket	- titanium axle	110 mm	BSC	
BBP-13	Axix Light pro bottom bracket	- titanium axle	113 mm	BSC	
BBP-16	Axix Light pro bottom bracket	- titanium axle	116 mm	BSC	
BBP-19	Axix Light pro bottom bracket	- titanium axle	119 mm	BSC	
BBP-22	Axix Light pro bottom bracket	- titanium axle	122 mm	BSC	

Axix Light bottom bracket

aluminium bearing cups, sealed bearing (2) - (delivered without cotterless axle bolt)

BBL-03	Axix Light bottom bracket	- steel axle	103 mm	BSC	\$225
BBL-07	Axix Light bottom bracket	- steel axle	107 mm	BSC	
BBL-10	Axix Light bottom bracket	- steel axle	110 mm	BSC	
BBL-13	Axix Light bottom bracket	- steel axle	113 mm	BSC	
BBL-16	Axix Light bottom bracket	- steel axle	116 mm	BSC	
BBL-19	Axix Light bottom bracket	- steel axle	119 mm	BSC	
BBL-22	Axix Light bottom bracket	- steel axle	122 mm	BSC	
BBL-25	Axix Light bottom bracket	- steel axle	125 mm	BSC	
BBL-31	Axix Light bottom bracket	- steel axle	131 mm	BSC	