

*Sunringler*

TRUE.



TJ LAVIN  
PHOTO: STEVE BUDDENDECK

# *Sunringle* 2004

MTB : 4-15

ROAD : 16-19

BMX : 20-27

OEM : 28

SOFTGOODS : 29





CHRIS KOVARIK  
PHOTO: DYLAN DEAN DESIGNS



# MTB 2004

## WHEELSETS

### REDUCED ROTATIONAL WEIGHT

Location weights of the three integrated parts of a wheel (i.e. the rim, spokes and hubs) are actually more important than the total wheel weight

### STRONG

Our rims are designed and manufactured by us and trusted by the world's greatest athletes. We know what we're doing, we've been doing it for over 50 years.

### SERVICEABLE

We've taken the mystery out of your wheelset. No faddish designs that cost more because of their looks. No special tools needed. We're not reinventing the wheel, we're building it better.

### QUALITY & VALUE

No one else offers as light, strong and durable wheelsets. Hand built in the good ol' U.S.A. by experienced wheelbuilders for sometimes hundreds less than those other wheels.

## RIMS

### DISC-BRAKE SPECIFIC DESIGNS

By eliminating the need for full sidewalls, we have built a stronger rim that will hold up to the spoke-pulling stresses encountered with disc-brake use, while still making a lightweight rim.

### TRIP HOLLOW DESIGNS

A rim with three channels in the cross-section provides increased stability under hard impacts and fatiguing forces that happen regularly on downhill.

### DOUBLE-WALL DESIGNS

Provides the right mixture between strength, rigidity and lightweight for all types of cross-country riding.

## COMPONENTS

### HIGH QUALITY ALLOYS

Only the best designs for our products. Designed from the start to finish to determine what type of alloy should be used on a particular component, wheelset or rim and why. Like, we said... only the best!

### COMPETITION PROVEN DESIGNS

It's got to work on the battlefield first. On race courses and in skateparks around the world, our products display their winning form to help top athletes concentrate on their riding and trust in our products to take them to the top.

### INDUSTRY LEADING CONCEPTS

From rider to our multi-compatible disc-brake hubs to our exclusive D-shaped axle we've lead the way in making components better and better. Anyone can make components, but only the best can make components better.

## RIM TECHNOLOGY



**PRB: PINCH RESISTENT BEAD-CLINCH** is our exclusive rounded, hollow tire bead clinch. Keeps tubes from flattening on hard impacts by increasing the rounded rim material that will contact the tube.



**TCB: TOTAL CONTROL BRAKING** combines a welded rim seam with a precision machined brake surface. No visible seam on the rim gives you the ultimate in braking control.



**L7:** Allows us to provide a precision machined braking surface on a lighter sleeved / pinned rim for even better braking control.



**ABT: ADVANCED BRAKE TRACK** is a specially finished brake surface. It provides a smooth raw aluminum brake track, for more controlled braking. ABT is standard on all Red, Black, Gun Metal and Titanium anodized finishes, as well as the polished finish.



## R.P.M. LITE

USE:  
CROSS COUNTRY RIDING AND RACING  
FRONT HUB:  
24 HOLE SUN OF BUBBA (BLACK)  
REAR HUB:  
28 HOLE 439 LITE (BLACK)  
RIM:  
0 DEGREE LITE (BLACK) (L7)  
SPOKES:  
14/15 GAUGE DOUBLE BUTTED (BLACK)  
NIPPLES:  
ALLOY  
LACING:  
RADIAL (F), 2 CROSS (R)  
WEIGHT:  
680g (F), 970g (R)



## R.P.M.

USE:  
CROSS COUNTRY RIDING AND RACING  
FRONT HUB:  
28 HOLE SUN OF BUBBA (BLACK)  
REAR HUB:  
32 HOLE 439 OR 439 LITE (BLACK)  
RIM:  
0 DEGREE XC (BLACK) (TCB)  
SPOKES:  
14/15 GAUGE DOUBLE BUTTED (BLACK)  
NIPPLES:  
ALLOY  
LACING:  
RADIAL (F), 2 CROSS (R)  
WEIGHT:  
700g (F), 1,000g (R)



## BLACK FLAG

USE:  
CROSS COUNTRY RACING  
FRONT HUB:  
24 HOLE SUN RINGLE FLEA, SEALED  
CARTRIDGE BEARINGS (BLACK)  
REAR HUB:  
28 HOLE SUN RINGLE FLEA, SEALED  
CARTRIDGE BEARINGS (BLACK)  
RIM:  
UFO (BLACK) (TCB)  
SPOKES:  
SAPIM LASER DOUBEL BUTTED 14/15  
GAUGE (BLACK)  
NIPPLES:  
SAPIM POLYAX SELF LOCKING ALLOY  
LACING:  
RADIAL (F), 2 CROSS (R)  
WEIGHT:  
570g (F), 720g (R)



## S.U.V.

USE:  
4 CROSS, FREERIDING  
FRONT HUB:  
32 OR 36 HOLESUPER DUPER BUBBA OR  
SOB (BLACK)  
REAR HUB:  
32 OR 36 HOLE 439 (BLACK)  
RIM:  
24" OR 26" RHYNO LITE XL  
(BLACK) (TCB)  
SPOKES:  
14 GAUGE DOUBLE BUTTED (BLACK)  
NIPPLES:  
BRASS  
LACING:  
3 CROSS (F/R)  
WEIGHT:  
950g (F), 1,200g (R)



## DISK JOCKEY

USE:  
DISC SPECIFIC CROSS COUNTRY RIDING, RACING  
FRONT HUB:  
32H SUN RINGLE XC DISC, SEALED CARTIDGE  
BEARINGS (BLACK)  
REAR HUB:  
32H SUN RINGLE XC DISC, SEALED CARTIDGE  
BEARINGS (BLACK)  
RIM:  
DS2-XC (BLACK)  
SPOKES:  
14/15 GAUGE DOUBLE BUTTED (BLACK)  
NIPPLES:  
BRASS  
LACING:  
3 CROSS (F/R)  
WEIGHT:  
944g (F), 1,175g (R)



## DISC-O-TEK

USE:  
DISC SPECIFIC CROSS COUNTRY RIDING, RACING  
FRONT HUB:  
32 HOLE ABBAH S.O.S. XC (BLACK)  
REAR HUB:  
32 HOLE ABBAH S.O.S. STANDARD REAR  
(BLACK)  
RIM:  
DS1-XC (BLACK)  
SPOKES:  
14/15 GAUGE DOUBLE BUTTED (BLACK)  
NIPPLES:  
BRASS  
LACING:  
2 CROSS (F/R)  
WEIGHT:  
785g (F), 1,015g (R)



## S.U.V. DISC

USE:  
4 CROSS, FREERIDING, DOWNHILL  
FRONT HUB:  
32 OR 36 HOLE ABBAH S.O.S. XC OR DH (BLACK)  
REAR HUB:  
32 OR 36 HOLE ABBAH S.O.S. STANDARD  
REAR OR 12mm THRU AXLE (BLACK)  
RIM:  
24" OR 26" RHYNO LITE XL (BLACK) (TCB)  
SPOKES:  
14 GAUGE (BLACK)  
NIPPLES:  
BRASS  
LACING:  
3 CROSS (F/R)  
WEIGHT:  
1,075g (F), 1,230g (R)



## SINGLETRACK

USE:  
DISC SPECIFIC DOWNHILL, 4 CROSS,  
FREERIDING  
FRONT HUB:  
32 OR 36 HOLE ABBAH XC OR DH (BLACK)  
REAR HUB:  
32 OR 36 HOLE ABBAH S.O.S. STANDARD  
REAR OR 12mm THRU AXLE (BLACK)  
RIM:  
24 OR 26" SINGLETRACK (BLACK) (PRB)  
SPOKES:  
14 GAUGE (BLACK)  
NIPPLES:  
BRASS  
LACING:  
3 CROSS (F/R)  
WEIGHT:  
1,100g (F), 1,220g (R)



## EIGHT TRACK

USE:  
DOWNHILL, 4 CROSS, FREERIDING  
FRONT HUB:  
32 OR 36 HOLE ABBAH S.O.S. XC OR DH  
(BLACK)  
REAR HUB:  
32 OR 36 HOLE ABBAH S.O.S. STANDARD  
REAR OR 12MM THRU AXLE (BLACK)  
RIM:  
26" OR 24" MTX (BLACK) (TCB)  
SPOKES:  
14 GAUGE (BLACK)  
NIPPLES:  
BRASS  
LACING:  
3 CROSS (F/R)  
WEIGHT:  
1,088g (F), 1,270g (R)



## INTENSE MAG 30

USE:  
SERIOUS DOWNHILL, 4 CROSS, FREERIDING  
FRONT HUB:  
CUSTOM 32 OR 36 HOLE ABBAH S.O.S. DH  
(BLACK)  
REAR HUB:  
32 OR 36 HOLE ABBAH S.O.S. STANDARD  
REAR OR 12MM THRU AXLE (BLACK)  
RIM:  
26" OR 24" INTENSE MAG 30 (GRAPHITE  
GREY) (PRB)  
SPOKES:  
14 GAUGE (BLACK)  
NIPPLES:  
BRASS  
LACING:  
3 CROSS (F/R)  
WEIGHT:  
1,225g (F), 1,375 (R)



## MODO

USE:  
DISC SPECIFIC HARDCORE DOWNHILL  
FRONT HUB:  
32 OR 36 HOLE ABBAH S.O.S. DH  
REAR HUB:  
32 OR 36 HOLE ABBAH S.O.S. STANDARD  
REAR OR 12MM THRU AXLE  
RIM:  
26" OR 24" DOUBLEWIDE (BLACK) (PRB)  
SPOKES:  
14 GAUGE BLACK  
NIPPLES:  
BRASS  
LACING:  
3 CROSS (F/R)  
WEIGHT:  
1,450g (F), 1,600g (R)



MARKUS ZANDER  
PHOTO: KAI DUDENHOFER

## CR18 »

USE: CROSS COUNTRY RIDING, TRAINING, TOURING

SIZES: 559mm

E.R.D.: 548

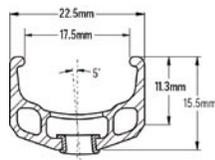
WEIGHT: 440g

HOLE COUNTS: 32, 36

COLORS: BLACK



FEATURES: **ABT** **L7**



## MACH IV »

USE: CROSS COUNTRY RIDING AND RACING

SIZES: 559mm

E.R.D.: 544

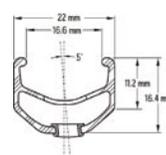
WEIGHT: 405g

HOLE COUNTS: 28, 32

COLORS: BLACK



FEATURES: **L7**



## 0 DEGREE XC »

USE: CROSS COUNTRY RIDING AND RACING

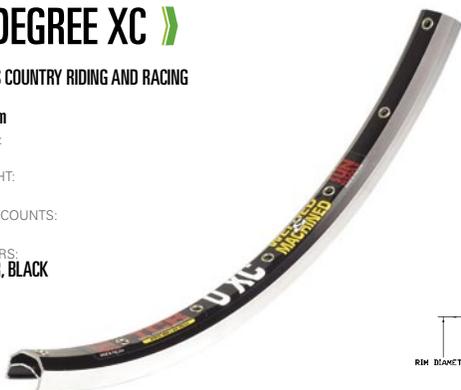
SIZES: 559mm

E.R.D.: 544

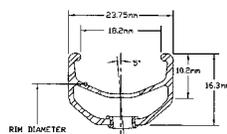
WEIGHT: 422g

HOLE COUNTS: 28, 32

COLORS: SILVER, BLACK



FEATURES: **TCB**



## UFO »

USE: CROSS COUNTRY RACING

SIZES: 559mm

E.R.D.: 538

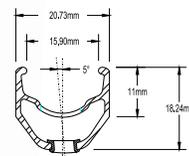
WEIGHT: 370g - 395g

HOLE COUNTS: 24, 28, 32

COLORS: BLACK



FEATURES: **TCB**



## DS2-XC <sup>SLEEVED</sup> »

USE: CROSS COUNTRY RIDING, RACING FOR BIKES WITH DISC BRAKES

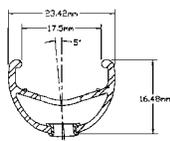
SIZES: 559mm

E.R.D.: 545

WEIGHT: 400g

HOLE COUNTS: 32, 36

COLORS: BLACK



## DS1-XC <sup>WELDED</sup> »

USE: CROSS COUNTRY RIDING, RACING FOR BIKES WITH DISC BRAKES

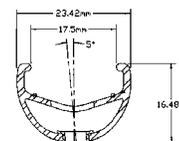
SIZES: 559mm

E.R.D.: 545

WEIGHT: 400g

HOLE COUNTS: 32, 36

COLORS: BLACK





## RHYNO LITE »

USE:  
XC RIDING AND RACING, DUAL SLALOM

SIZES:  
559mm

E.R.D.:  
548

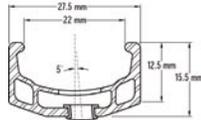
WEIGHT:  
550g

HOLE COUNTS:  
32, 36, 40, 48

COLORS:  
BLACK



FEATURES:



## RHYNO LITE XL »

USE:  
DOWNHILL, 4 CROSS RIDING AND RACING

SIZES:  
507mm, 559mm

E.R.D.:  
493, 548

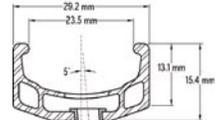
WEIGHT:  
512g, 565g

HOLE COUNTS:  
32, 36

COLORS:  
BLACK



FEATURES:



## MAMMOTH »

USE:  
DOWNHILL AND 4 CROSS RIDING AND RACING

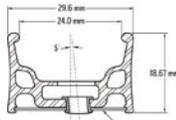
SIZES:  
507mm, 559mm

E.R.D.:  
492, 548

WEIGHT:  
625g, 705g

HOLE COUNTS:  
32, 36

COLORS:  
BLACK, SILVER - WITH OR  
WITHOUT CENTER STRIP



## SINGLE TRACK »

USE:  
DOWNHILL, 4 CROSS RIDING AND RACING

SIZES:  
507mm, 559mm

E.R.D.:  
491, 543

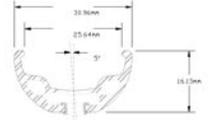
WEIGHT:  
540g, 590g

HOLE COUNTS:  
32, 36

COLORS:  
BLACK



FEATURES:



## S-TYPE »

USE:  
4-CROSS AND FREERIDING

SIZES:  
507mm, 559mm

E.R.D.:  
480, 530

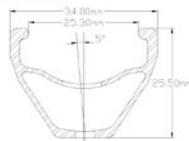
WEIGHT:  
605g, 640g

HOLE COUNTS:  
32, 36

COLORS:  
BLACK, POLISHED



FEATURES:



## MTX »

USE:  
4-CROSS AND FREERIDING

SIZES:  
507mm, 559mm

E.R.D.:  
480, 530

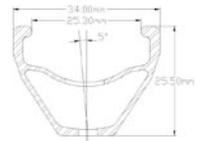
WEIGHT:  
605g, 640g

HOLE COUNTS:  
32, 36

COLORS:  
BLACK, POLISHED



FEATURES:



# MTB RIMS

## SINGLEWIDE »

USE:  
DOWNHILL AND 4 CROSS RIDING AND RACING

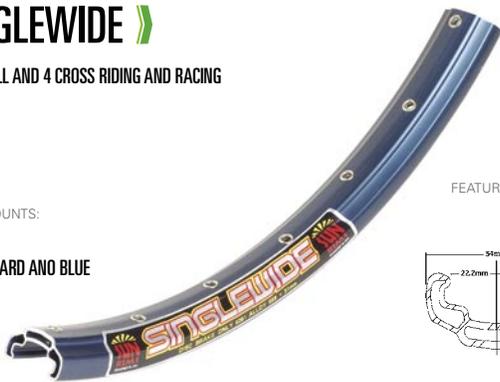
SIZES:  
559mm

E.R.D.:  
543

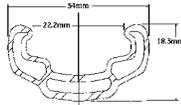
WEIGHT:  
665g

HOLE COUNTS:  
32, 36

COLORS:  
BLACK, HARD ANO BLUE



FEATURES: 



## DOUBLE TRACK »

USE:  
4-CROSS AND FREERIDING

SIZES:  
507mm, 559mm

E.R.D.:  
475, 525

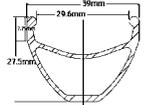
WEIGHT:  
760g, 850g

HOLE COUNTS:  
32, 36

COLORS:  
BLACK



FEATURES: 



## INTENSE MAG 30 DH »

USE:  
DOWNHILL RIDING AND RACING FOR BIKES WITH DISC BRAKES

SIZES:  
507mm, 559mm

E.R.D.:  
475, 525

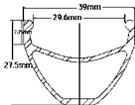
WEIGHT:  
760g, 850g

HOLE COUNTS:  
32, 36

COLORS:  
GRAPHITE GREY



FEATURES: 



## DOUBLEWIDE »

USE:  
DOWNHILL RIDING AND RACING FOR BIKES WITH DISC BRAKES

SIZES:  
507mm, 559mm

E.R.D.:  
486, 541

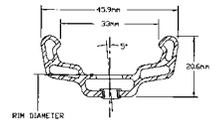
WEIGHT:  
795g, 885g

HOLE COUNTS:  
32, 36

COLORS:  
BLACK POWDER COAT



FEATURES: 



CHRISTIAN BOHRER  
PHOTO: KAI DUDENHOFER

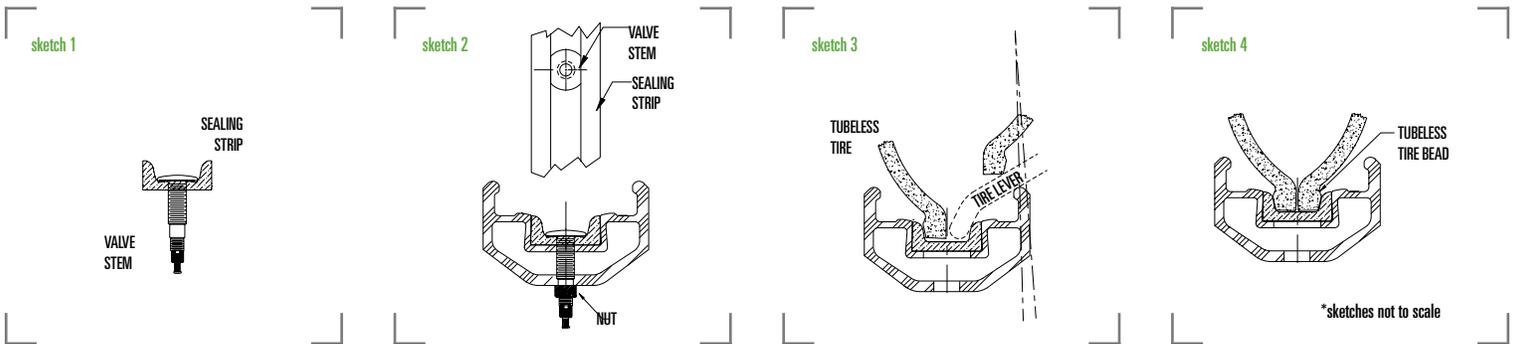


**SUN TUBELESS SYSTEM (STS):** Sun delivers the latest advancement in tubeless rim technology.

STS is user friendly, checkbook friendly, and builds like any conventional wheelset (special hubs are not required). It is compatible with most tubeless tires on the market.

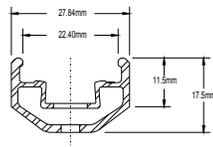
## STS MOUNTING GUIDELINES

- » insert the valve stem through the hole in the end of the rubber strip from the channel side (sketch 1).
- » push the stem down until the crown of the stem is touching the bottom of the strip channel. the sides of the channel will be slightly flattened outward.
- » insert the valve stem in the rim. push it down firmly until the strip is seated against the bottom of the rim channel.
- » put the nut on the stem and tighten it snugly to trap the strap securely, achieving an airtight seal, do not overtighten (sketch 2).
- » starting at the stem, work around the rim with your fingers, pressing the strip into the rim channel. put a suitable adhesive such as superglue, weather-strip adhesive, or tubular tire cement on the last one inch of the strip. press the end of the strip into place, butting it up against the other end. hold in place allowing glue to set.
- » mount the tire in the conventional way, making sure to locate the tire bead in the channel to facilitate mounting (sketch 3).
- » once the tire is mounted visually check around the rim to determine if the beads are centered into the sealing strip channel. determine if the channel is properly seated (sketch 4).
- » inflate the tire using either a high volume hand pump or an air compressor. if needed, soap solution around the beads will help the tire seating. the tire beads will pop as they seat onto the rim.
- » to remove the tire, break the side of the tire loose by pushing it towards the center of the rim. seat it in the rim channel, prying it off in the conventional manner. unseat the remaining side and remove it by using the same method.
- » it is recommended that a new sealing strip be used if the original strip is removed for any reason.



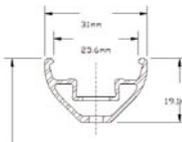
## BOBBIT TUBELESS »

USE:  
CROSS COUNTRY RIDING AND RACING  
SIZES:  
559mm  
E.R.D.:  
543  
WEIGHT:  
610g  
HOLE COUNTS:  
32, 36  
COLORS:  
BLACK



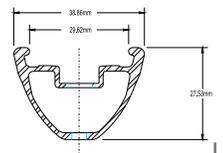
## SINGLE TRACK STS

USE:  
DISC SPECIFIC DOWNHILL, 4 CROSS  
RIDING AND RACING  
SIZES:  
559mm  
E.R.D.:  
543  
WEIGHT:  
700g  
HOLE COUNTS:  
32, 36  
COLORS:  
BLACK POWDER-  
COAT



## INTENSE MAG 30 STS

USE:  
DOWNHILL RIDING AND RACING FOR BIKES  
WITH DISC BRAKES  
SIZES:  
507mm, 559mm  
E.R.D.:  
475, 525  
WEIGHT:  
790g, 880g  
HOLE COUNTS:  
32, 36  
COLORS:  
BLACK POWDER-  
COAT



# MTB HUBS

## ECO 135mm REAR »

TECH SPEC:

6061 T6 ALLOY HUB BODY  
15MM ALLOY AXLE  
FOUR SEALED CARTRIDGE BEARINGS  
32 HOLE  
BLACK  
354g  
LASER ENGRAVED GRAPHICS  
50mm RIGHT SIDE FLANGE DIAMETER  
50mm LEFT SIDE FLANGE DIAMETER  
21mm RIGHT SIDE CENTER-TO-FLANGE DIAMETER  
45mm LEFT SIDE CENTER-TO-FLANGE DIAMETER



## ECO FRONT »

TECH SPEC:

6061 T6 ALLOY HUB BODY  
15MM ALLOY AXLE  
TWO SEALED CARTRIDGE BEARINGS  
28 OR 32 HOLE  
BLACK  
159g  
LASER ENGRAVED GRAPHICS  
35mm RIGHT SIDE FLANGE DIAMETER  
35mm LEFT SIDE FLANGE DIAMETER  
39mm CENTER-TO-FLANGE DIAMETER



## DISC JOCKEY 135mm REAR »

TECH SPEC:

6061 T6 ALLOY HUB BODY  
15MM CHROMOLY AXLE  
FOUR SEALED CARTRIDGE BEARINGS  
32 HOLE  
BLACK  
449g  
LASER ENGRAVED GRAPHICS  
50.5mm RIGHT SIDE FLANGE DIAMETER  
61mm LEFT SIDE FLANGE DIAMETER  
21mm RIGHT SIDE CENTER-TO-FLANGE DIAMETER  
32mm LEFT SIDE CENTER-TO-FLANGE DIAMETER



## DISC JOCKEY FRONT »

TECH SPEC:

6061 T6 ALLOY HUB BODY  
11mm ALLOY AXLE  
TWO SEALED CARTRIDGE BEARINGS  
32 HOLE  
BLACK  
218g  
LASER ENGRAVED GRAPHICS  
50.5mm RIGHT SIDE FLANGE DIAMETER  
61mm LEFT SIDE FLANGE DIAMETER  
21mm RIGHT SIDE CENTER-TO-FLANGE DIAMETER  
35mm LEFT SIDE CENTER-TO-FLANGE DIAMETER



## SUN OF BUBBA (SOB) »

TECH SPEC:

6061 T6 ALLOY HUB BODY  
7075 T6 ALLOY AXLE  
11MM AXLE  
TWO SEALED CARTRIDGE BEARINGS  
24, 28, 32 HOLE  
BLACK, RED, SILVER  
123g  
LASER ENGRAVED GRAPHICS  
38mm FLANGE DIAMETER  
32mm CENTER-TO-FLANGE DIAMETER



## SUPER DUPER BUBBA »

TECH SPEC:

6061 T6 ALLOY HUB BODY  
7075 T6 ALLOY AXLE  
17.5MM D-SHAPED AXLE  
TWO SEALED CARTRIDGE BEARINGS  
32, 36 HOLE  
BLACK, RED, SILVER  
202g  
LASER ENGRAVED GRAPHICS  
46mm FLANGE DIAMETER  
34mm CENTER-TO-FLANGE DIAMETER



## COUNTRY FLEA FRONT »

TECH SPEC:

CNC 7075 T6 SHELL AND AXLE  
BLACK  
24, 28, 32 HOLE  
75g  
36mm FLANGE DIAMETER  
35mm CENTER-TO-FLANGE  
FREE FLOATING FLANGES



## « COUNTRY FLEA 135mm REAR

TECH SPEC:

135mm SPACING  
CNC 7075 T6 SHELL AND AXLE  
3 PAWL SYSTEM  
6/4 TITANIUM RATCHET RING  
QUAD BEARING SYSTEM  
24, 28, 32 HOLE  
190g  
9/10 SPD CLAMP  
54mm DRIVE SIDE FLANGE DIAMETER  
40mm NON-DRIVE SIDE FLANGE DIAMETER  
20mm DRIVE SIDE CENTER-TO-FLANGE  
35mm NON DRIVE SIDE CENTER-TO-FLANGE  
7075 T6 ALLOY COG CARRIER

\*SPECIAL TOOLS REQUIRED FOR DISASSEMBLY



## 439 / 439 LITE 135mm REAR »

TECH SPEC:  
 6061 T6 ALLOY HUB BODY  
 7075 T6 ALLOY AXLE  
 15MM AXLE  
 FOUR SEALED CARTRIDGE BEARINGS  
 28, 32, 36 HOLE  
 BLACK, RED, SILVER  
 417g / 337g (439 LITE)  
 LASER ENGRAVED GRAPHICS  
 52mm FLANGE DIAMETER  
 34mm CENTER-TO-LEFT FLANGE DIAMETER  
 21mm CENTER-TO-RIGHT FLANGE DIAMETER



(ALUMINUM COG CARRIER)

## ABBAH S.O.S. XC FRONT »

TECH SPEC:  
 6061 T6 ALLOY HUB BODY  
 7075 T6 ALLOY AXLE  
 17.5mm D-SHAPED AXLE  
 TWO SEALED CARTRIDGE BEARINGS  
 32, 36 HOLE  
 BLACK  
 214g  
 LASER ENGRAVED GRAPHICS  
 45.5mm RIGHT SIDE FLANGE DIAMETER  
 59.5mm LEFT SIDE FLANGE DIAMETER  
 35mm RIGHT SIDE CENTER-TO-FLANGE DIAMETER  
 21mm LEFT SIDE CENTER-TO-FLANGE DIAMETER



## ABBAH S.O.S. DH FRONT »

TECH SPEC:  
 6061 T6 ALLOY HUB BODY  
 110MM HUB SPACING  
 TWO SEALED CARTRIDGE BEARINGS  
 32, 36 HOLE  
 BLACK  
 216g  
 LASER ENGRAVED GRAPHICS  
 54.5mm RIGHT SIDE FLANGE DIAMETER  
 59.5mm LEFT SIDE FLANGE DIAMETER  
 35.5mm CENTER-TO-LEFT FLANGE DIAMETER  
 24.5mm CENTER-TO-RIGHT FLANGE DIAMETER



## ABBAH S.O.S. REAR STANDARD AXLE »

TECH SPEC:  
 6061 T6 ALLOY HUB BODY  
 7075 T6 ALLOY AXLE  
 15MM AXLE  
 FOUR SEALED CARTRIDGE BEARINGS  
 32, 36 HOLE  
 BLACK  
 421g  
 LASER ENGRAVED GRAPHICS  
 59.5mm DRIVE SIDE FLANGE DIAMETER  
 53.5mm NON-DRIVE SIDE FLANGE DIAMETER  
 21mm DRIVE SIDE CENTER-TO-FLANGE DIAMETER  
 34.5mm NON-DRIVE SIDE CENTER-TO-FLANGE DIAMETER



## ABBAH / LAWWILL HUBS 10mm SUB-AXLE AVAILABLE »



### 12mm REAR AXLE WITH 135mm SPACING

TECH SPEC:  
 6061 T6 ALLOY HUB BODY  
 12MM 7075 ALUMINUM THROUGH-AXLE  
 4 SEALED CARTRIDGE BEARINGS  
 32, 36 HOLE  
 BLACK  
 425g  
 LASER ENGRAVED GRAPHICS  
 54.5mm DRIVE SIDE FLANGE DIAMETER  
 54.5mm NON-DRIVE SIDE FLANGE DIAMETER  
 20.5mm DRIVE SIDE CENTER-TO-FLANGE DIAMETER  
 35.5mm NON-DRIVE SIDE CENTER-TO-FLANGE DIAMETER  
 COMES WITH DROP OUT SPACER



### 12mm REAR AXLE WITH 150mm SPACING

TECH SPEC:  
 6061 T6 ALLOY HUB BODY  
 12MM 7075 ALUMINUM THROUGH-AXLE  
 4 SEALED CARTRIDGE BEARINGS  
 32, 36 HOLE  
 BLACK  
 475g  
 LASER ENGRAVED GRAPHICS  
 57.9mm DRIVE SIDE FLANGE DIAMETER  
 57.9mm NON-DRIVE SIDE FLANGE DIAMETER  
 29mm DRIVE SIDE CENTER-TO-FLANGE DIAMETER  
 34mm NON-DRIVE SIDE CENTER-TO-FLANGE DIAMETER  
 COMES WITH DROP OUT SPACER



### 12mm REAR AXLE WITH 165mm SPACING

TECH SPEC:  
 6061 T6 ALLOY HUB BODY  
 12MM 7075 ALUMINUM THROUGH-AXLE  
 4 SEALED CARTRIDGE BEARINGS  
 32, 36 HOLE  
 BLACK  
 505g  
 LASER ENGRAVED GRAPHICS  
 57.9mm DRIVE SIDE FLANGE DIAMETER  
 57.9mm NON-DRIVE SIDE FLANGE DIAMETER  
 34mm DRIVE SIDE CENTER-TO-FLANGE DIAMETER  
 37mm NON-DRIVE SIDE CENTER-TO-FLANGE DIAMETER  
 COMES WITH DROP OUT SPACER

# MTB COMPONENTS

## EVOLUTION STEMS »

TECH SPEC:  
6061-T6 aluminum  
1 1/8" threadless  
laser engraved graphics  
charcoal grey

**Evolution**  
**SERIES**



REACH	RISE
60mm	10°
90mm	10°
105mm	10°
105mm	0°
110mm	10°
110mm	0°
120mm	10°
120mm	0°
127.5mm	10°
127.5mm	0°

## EVOLUTION SEATPOST »

TECH SPEC:  
7075-T6 Taperwall tubing  
7075-T6 adjustment clamp parts  
350mm length  
26.8, 27.0, 27.2, 31.6mm diameters  
two tone laser engraved evolution series graphics  
245-270g

**Evolution**  
**SERIES**



## EVOLUTION XC RISER BAR »

TECH SPEC:  
7075-T6 butted alloy  
190 grams  
6 degree sweep  
1 inch rise  
24.5 inch width  
two-tone evolution series graphics



**Evolution**  
**SERIES**

## EVOLUTION DH RISER BAR »

TECH SPEC:  
7075-T6 butted alloy  
300 grams  
10 degree sweep  
2 inch rise  
27 inch width  
two-tone evolution series graphics



**Evolution**  
**SERIES**

## FRAME ADAPTER »

TECH SPEC:  
AVAILABLE WITH ABBAH S.O.S. LAWWILL 12MM REAR HUBS FOR USE ON NON-LAWWILL DESIGN REAR-END BIKES.



## SWOOPY BOLT KIT »

TECH SPEC:  
AVAILABLE FOR USE WITH THE SUPER DUPER BUBBA OR THE ABBAH S.O.S. XC FRONT AND STANDARD REAR DISC HUB FOR A STIFFER FEEL. WORKS WITH OUR D-SHAPED AXLE HUBS TO REDUCE ROTATIONAL FLEX OF FORK LEGS AROUND YOUR HUB AXLE.



## 20mm ADAPTER CAPS »

TECH SPEC:  
MACHINED FROM AIRCRAFT 7075 T6 ALUMINUM  
CONVERTS 20mm THRU AXLE FRONT HUBS TO 110mm QR





## CNC OCTANE MAG PEDALS »

TECH SPEC:  
LIGHTWEIGHT MAGNESIUM BODY  
9/16" CHROMOLY SPINDLE  
REPLACEABLE CLEATS  
SEALED CARTRIDGE BEARINGS  
BROACHED SPINDLES  
243g (EACH)  
BLACK



## ZU ZU'S PEDALS »

TECH SPEC:  
ALLOY CAGE  
9/16" CHROMOLY AXLE  
REPLACEABLE CLEATS  
SEALED BEARING  
BLACK



## RINGLE SKEWERS »

TECH SPEC:  
AVAILABLE IN TITANIUM OR CHROMOLY  
LASER ENGRAVED LOGO  
BLACK ONLY



## FLEA SKEWERS »

TECH SPEC:  
MADE FROM 6 AL/4V TITANIUM  
55g (PAIR)



## STIFFY 12mm REAR AXLE »

TECH SPEC:  
6061 T6 ALUMINUM  
6.9 INCHES IN LENGTH (135mm SPACING), (150mm AND 165mm AVAILABLE)  
AVAILABLE IN POLISHED OR AXLE ROSE (RED)



## TITANIUM OCTANE PEDAL SPINDLE »

TECH SPEC:  
6 AL/4V TITANIUM SPINDLES  
BROACHED AXLE  
SAVES 40g



# ROAD 2004



ANN KNAPP  
PHOTO: JOHN GIBSON

# ROAD WHEELSETS



## PRO SPRINT

USE:  
ROAD RIDING AND RACING  
FRONT HUB:  
28 HOLE SUN OF BUBBA  
REAR HUB:  
32 HOLE 439 LITE  
RIM:  
ASSAULT (TCB)  
SPOKES:  
14/15 GAUGE DOUBLE BUTTED BLACK  
NIPPLES:  
ALLOY  
LACING:  
RADIAL (F), 2 CROSS (R)  
WEIGHT:  
690g (F), 940g (R)



## PRO RACE

USE:  
ROAD RIDING AND RACING  
FRONT HUB:  
28 HOLE SUN OF BUBBA  
REAR HUB:  
32 HOLE 439 LITE  
RIM:  
VENUS (TCB)  
SPOKES:  
14/15 GAUGE DOUBLE BUTTED BLACK  
NIPPLES:  
ALLOY  
LACING:  
RADIAL (F), 2 CROSS (R)  
WEIGHT:  
710g (F), 970g (R)



## PRO ELITE

USE:  
ROAD RIDING AND RACING  
FRONT HUB:  
28 HOLE SUN OF BUBBA  
REAR HUB:  
32 HOLE 439 LITE  
RIM:  
ME14A (TCB)  
SPOKES:  
14/15 GAUGE DOUBLE BUTTED BLACK  
NIPPLES:  
ALLOY  
LACING:  
RADIAL (F), 2 CROSS (R)  
WEIGHT:  
700g (F), 955g (R)



## CYCLO-CROSS

USE:  
ROAD RIDING AND RACING  
FRONT HUB:  
28 HOLE SUN OF BUBBA  
REAR HUB:  
32 HOLE 439 LITE (130mm OR 135mm SPACING)  
RIM:  
ME14A (TCB)  
SPOKES:  
14/15 GAUGE DOUBLE BUTTED BLACK  
NIPPLES:  
ALLOY  
LACING:  
2 CROSS (F/R)  
WEIGHT:  
700g (F), 955g (R)



ANN KNAPP  
PHOTO: JOHN GIBSON

# ROAD RIMS

## ASSAULT »

USE:  
ROAD RIDING AND RACING

SIZES:  
571mm, 622mm

E.R.D.:  
522, 603

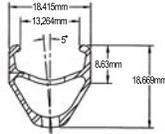
WEIGHT:  
410g

HOLE COUNTS:  
28, 32

COLORS:  
BLACK



FEATURES: **TCB**



## ME14A » \*NEWLY REDESIGNED SPOKE FACE

USE:  
ROAD RIDING, RACING, TRAINING, ENDURANCE, TRIATHLONS, CYCLO-CROSS

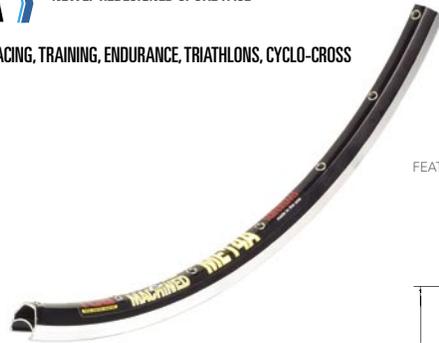
SIZES:  
622mm

E.R.D.:  
548

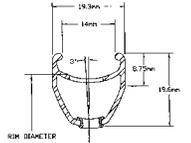
WEIGHT:  
420g

HOLE COUNTS:  
32, 36

COLORS:  
BLACK



FEATURES: **TCB**



## VENUS » \*NEWLY REDESIGNED SPOKE FACE

USE:  
ROAD RIDING, RACING, TRAINING, TRIATHLONS

SIZES:  
622mm

E.R.D.:  
589

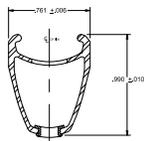
WEIGHT:  
440g

HOLE COUNTS:  
24, 28, 32

COLORS:  
BLACK



FEATURES: **TCB**



## SWIFT » \*ALUMINUM EYELET INSERT

USE:  
ROAD RIDING, RACING, TRAINING, TRIATHLONS

SIZES:  
622mm

E.R.D.:  
585

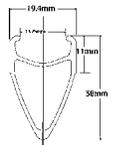
WEIGHT:  
500g

HOLE COUNTS:  
28, 32

COLORS:  
BLACK



FEATURES: **TCB**



## RHYNO LITE »

USE:  
CYCLO-CROSS, ROAD RIDING, TRAINING, TOURING, ULTRA ENDURANCE

SIZES:  
622mm, 29"

E.R.D.:  
612

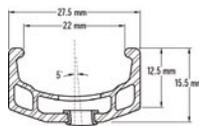
WEIGHT:  
590g

HOLE COUNTS:  
32, 36

COLORS:  
BLACK



FEATURES: **ABT**



## 0 DEGREE XTC »

USE:  
CYCLO-CROSS, ROAD RIDING, TRAINING, TOURING, ULTRA ENDURANCE

SIZES:  
622mm, 29"

E.R.D.:  
605

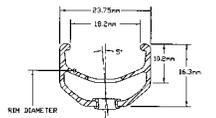
WEIGHT:  
470g

HOLE COUNTS:  
28, 32, 36

COLORS:  
BLACK



FEATURES: **TCB**



## M19AII »

USE:  
ROAD RIDING, RACING

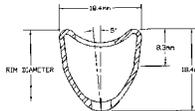
SIZES:  
632mm (TUBULAR)

E.R.D.:  
602

WEIGHT:  
370g

HOLE COUNTS:  
28, 32, 36

COLORS:  
HARD ANO BLACK



## VISTA CRUISER » \*DOUBLE EYELET CUP

USE:  
CYCLO-CROSS AND CLASSIC ROAD RIDING

SIZES:  
632mm (TUBULAR)

E.R.D.:  
612

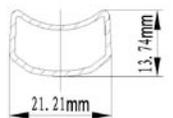
WEIGHT:  
345g

HOLE COUNTS:  
24, 28, 32

COLORS:  
BLACK



FEATURES: **PRB**





## CITY FLEA FRONT »

TECH SPEC:  
CNC 7075 T6 SHELL AND AXLE  
BLACK  
20, 24, 28 HOLE  
75g  
36mm FLANGE DIAMETER  
35mm CENTER-TO-FLANGE  
FREE FLOATING FLANGES



## « CITY FLEA 130mm REAR

TECH SPEC:  
CNC 7075 T6 SHELL AND AXLE  
3 PAWLS SYSTEM  
6/4 TITANIUM RATCHET RING  
QUAD BEARING SYSTEM  
24, 28, 32 HOLE  
190g  
9/10 SPD CLAMP  
54mm DRIVE SIDE FLANGE DIAMETER  
40mm NON-DRIVE SIDE FLANGE DIAMETER  
19mm DRIVE SIDE CENTER-TO-FLANGE  
36mm NON DRIVE CENTER-TO-FLANGE  
7075-T6 ALLOY COG CARRIER: CAMPAGNOLO OR SHIMANO

\*SPECIAL TOOLS REQUIRED FOR DISASSEMBLY

## ECO 130mm REAR »

TECH SPEC:  
6061 T6 ALLOY HUB BODY  
15MM ALLOY AXLE  
FOUR SEALED CARTRIDGE BEARINGS  
32 HOLE  
BLACK  
330g  
LASER ENGRAVED GRAPHICS  
50mm RIGHT SIDE FLANGE DIAMETER  
50mm LEFT SIDE FLANGE DIAMETER  
22mm RIGHT SIDE CENTER-TO-FLANGE DIAMETER  
41mm LEFT SIDE CENTER-TO-FLANGE DIAMETER



## ECO »

TECH SPEC:  
6061 T6 ALLOY HUB BODY  
11MM ALLOY AXLE  
TWO SEALED CARTRIDGE BEARINGS  
28 OR 32 HOLE  
BLACK  
159g  
LASER ENGRAVED GRAPHICS  
35mm RIGHT SIDE FLANGE DIAMETER  
35mm LEFT SIDE FLANGE DIAMETER  
39mm CENTER-TO-FLANGE DIAMETER



## 439 / 439 LITE 130mm REAR »

TECH SPEC:  
6061 T6 ALLOY HUB BODY  
7075 T6 ALLOY AXLE  
15MM AXLE  
FOUR SEALED CARTRIDGE BEARINGS  
28, 32, 36 HOLE  
BLACK, RED, SILVER  
417g / 337g (439 LITE)  
LASER ENGRAVED GRAPHICS  
52mm FLANGE DIAMETER  
34mm CENTER-TO-LEFT FLANGE DIAMETER  
21mm CENTER-TO-RIGHT FLANGE DIAMETER



## SUN OF BUBBA (SOB) »

TECH SPEC:  
6061 T6 ALLOY HUB BODY  
7075 T6 ALLOY AXLE  
11MM AXLE  
TWO SEALED CARTRIDGE BEARINGS  
24, 28, 32 HOLE  
BLACK, RED, SILVER  
123g  
LASER ENGRAVED GRAPHICS  
38mm FLANGE DIAMETER  
32mm CENTER-TO-FLANGE DIAMETER



## RINGLE SKEWERS »

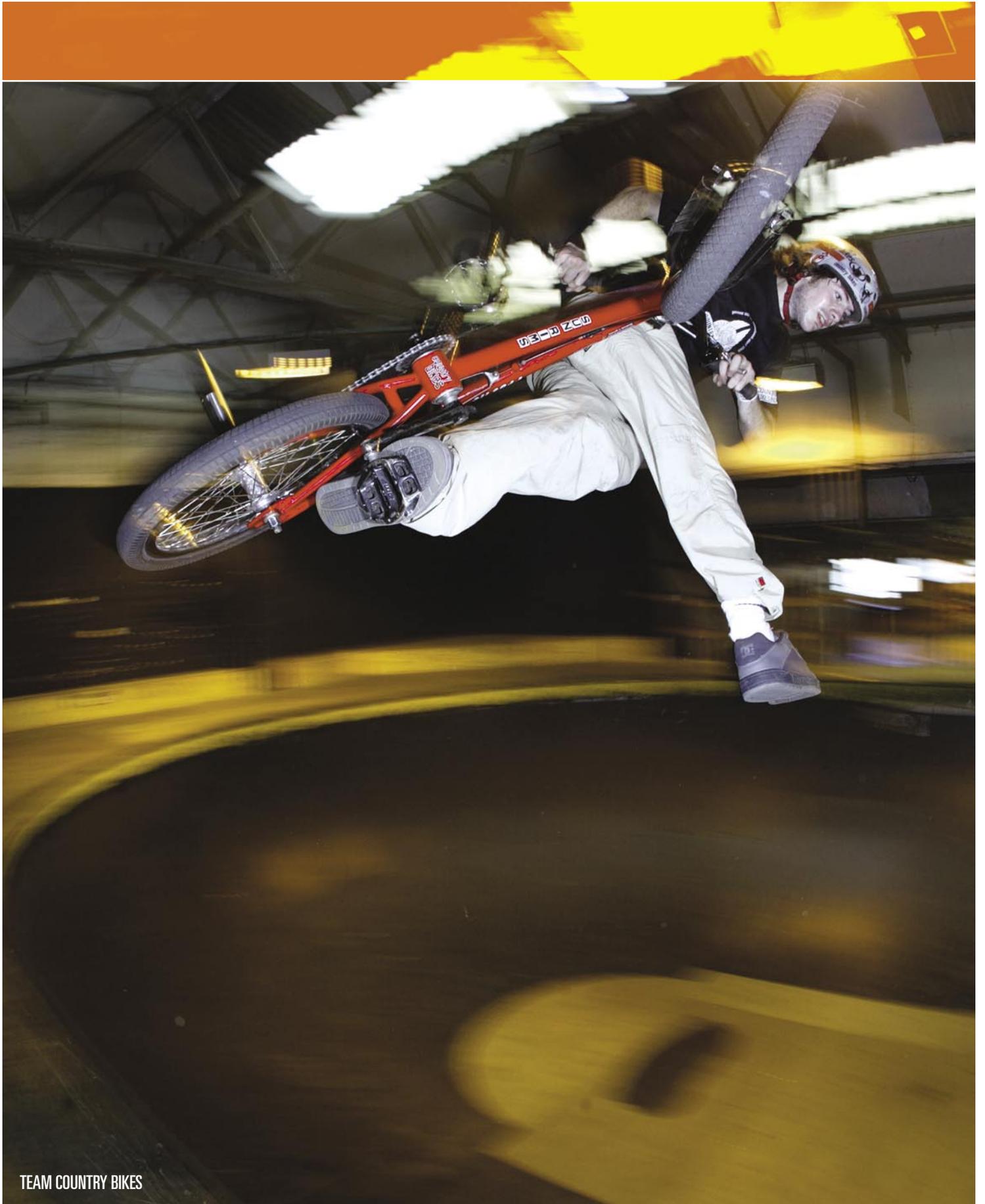
TECH SPEC:  
AVAILABLE IN TITANIUM OR CHROMOLY  
LASER ENGRAVED LOGO  
BLACK ONLY



## FLEA SKEWERS »

TECH SPEC:  
7075 T6 ALUMINUM FRONT  
6/4 TITANIUM REAR  
60g (PAIR)





TEAM COUNTRY BIKES



# BMX 2004

## WHEELSETS

### REDUCED ROTATIONAL WEIGHT

Location weights of the three integrated parts of a wheel (i.e. the rim, spokes and hubs) are actually more important than the total wheel weight

### STRONG

Our rims are designed and manufactured by us and trusted by the world's greatest athletes. We know what we're doing, we've been doing it for over 50 years.

### SERVICEABLE

We've taken the mystery out of your wheelset. No faddish designs that cost more because of their looks. No special tools needed. We're not reinventing the wheel, we're building it better.

### QUALITY & VALUE

No one else offers as light, strong and durable wheelsets. Hand built in the good ol' U.S.A. by experienced wheelbuilders for sometimes hundreds less than those other wheels.

## RIMS

### TRIPLE HOLLOW DESIGNS

A rim with three channels in the cross-section provides increased stability under hard impacts and fatiguing forces that happen regularly in BMX.

### DOUBLE WALL DESIGNS

Provides the right mixture between strength, rigidity, and lightweight for all types of riding.

### NICKEL PLATED BRASS EYELETS

More flexible than stainless steel, thus less prone to cracking. Plus plated brass is a self-lubricating metal, keeping your eyelets and nipples from seizing up, which builds a stronger wheel that will last longer as well.

## COMPONENTS

### HIGH QUALITY ALLOYS

Only the best designs for our products. Designed from the start to finish to determine what type of alloy should be used on a particular component, wheelset or rim and why. Like, we said... only the best!

### COMPETITION PROVEN DESIGNS

It's got to work on the battlefield first. On race courses and in skateparks around the world, our products display their winning form to help top athletes concentrate on their riding and trust in our products to take them to the top.

### INDUSTRY LEADING CONCEPTS

From rider to our multi-compatible disc-brake hubs to our exclusive D-shaped axle, we've lead the way in making components better and better. Anyone can make components, but only the best can make components better.

## RIM TECHNOLOGY



TCB: TOTAL CONTROL BRAKING combines a welded rim seam with a precision machined brake surface. No visible seam on the rim gives you the ultimate in braking control.



L7: Allows us to provide a precision machined braking surface on a lighter sleeved / pinned rim for even better braking control.



ABT: ADVANCED BRAKE TRACK is a specially finished brake surface. It provides a smooth raw aluminum brake track, for more controlled braking. ABT is standard on all Red, Black, Gun Metal and Titanium anodized finished, as well as the polished finish.



DWS: DUAL-WIDTH SIDEWALL. Serious testing shows that different areas of the rim need to have increased amounts of material. We reinforce sidewalls and spoke faces for specific uses of the rim.

# BMX WHEELSETS



\*DUBZ DELUX COMING SOON WITH CASSETTE HUBS

## DUBZ

USE:  
DIRT JUMPING, RAMP, STREET  
FRONT HUB:  
36 OR 48H, 3 BEARING,  
11.5mm SLOTS, HOLLOW AXLES  
REAR HUB:  
36 OR 48H FLIP-FLOP JABBA, 3  
BEARING, 11.5mm SLOTS, HOLLOW AXLES  
RIM:  
TRIPLE WALL BLACK LABEL (DWS)  
SPOKES:  
14 STRAIGHT GAUGE BLACK  
NIPPLES:  
BRASS  
LACING:  
36H: 3 CROSS (F/R), 48H: 4 CROSS (F/R)  
WEIGHT:  
780g (F), 1,040g (R)



## BARELY LEGAL

USE:  
DIRT JUMPING, RAMP, STREET  
FRONT HUB:  
36 OR 48H, 3 BEARING,  
11.5mm SLOTS, HOLLOW AXLES  
REAR HUB:  
36 OR 48H FLIP-FLOP JABBA, 3  
BEARING, 11.5mm SLOTS, HOLLOW AXLES  
RIM:  
BIG CITY (TCB) (DWS)  
SPOKES:  
14 STRAIGHT GAUGE BLACK  
NIPPLES:  
BRASS  
LACING:  
36H: 3 CROSS (F/R), 48H: 4 CROSS (F/R)  
WEIGHT:  
710g (F), 970g (R)



## SUPERSTOCK 2.0

USE:  
MID-LEVEL BMX RIDING, RACING - MODERATE  
DIRT JUMPING AND FREESTYLE  
FRONT HUB:  
36H SUN SUPERSTOCK  
REAR HUB:  
36H SUN SUPERSTOCK (FREEWHEEL)  
RIM: (CHOICE OF)  
BFR (1.75"), RHYNO LITE (1.75"),  
CR18 (1-3/8"), ICI-1 (1-1/8")  
SPOKES:  
14 STRAIGHT GAUGE BLACK  
NIPPLES:  
BRASS  
LACING:  
3 CROSS (F/R)  
WEIGHT:  
1,015g/1,030g (BFR), 920g/935g (RHYNO  
LITE), 880g/895g (CR18), 845g/860g (ICI-1)



## SUPERSTOCK 2.4

USE:  
24" MID-LEVEL FREEWHEEL USE BMX RIDING  
AND RACING  
FRONT HUB:  
36H SUN SUPERSTOCK  
REAR HUB:  
36H SUN SUPERSTOCK (FREEWHEEL)  
RIM: (CHOICE OF)  
BFR (1.75"), RHYNO LITE (1.75"),  
CR18 (1-3/8"), ICI-1 (1-1/8")  
SPOKES:  
14 STRAIGHT GAUGE BLACK  
NIPPLES:  
BRASS  
LACING:  
3 CROSS (F/R)  
WEIGHT:  
1,115g/1,145g (BFR), 1,010g/1,040g (RHYNO  
LITE), 960g/990g (CR18), 925g/955g (ICI-1)



\*\*\*FOR USE WITH 13-18 TOOTH COGS

## BM DOUBLE U

USE:  
PRO BMX RACING  
FR HUB:  
36 HOLE ATILLA THE HUB  
REAR HUB:  
36 HOLE ATILLA THE HUB REAR CASSETTE  
RIM:  
BFR OR RHYNO LITE (TCB)  
SPOKES:  
14 STRAIGHT GAUGE BLACK  
NIPPLES:  
BRASS  
LACING:  
36H: 3 CROSS (F/R)  
WEIGHT:  
1,138g (F), 1,348g (R)

## ATILLA HUBS W/ COGS

SEE PAGE 26 FOR COMPLETE SPEC



# BMX RIMS

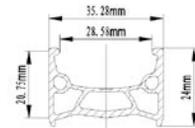


## BLACK LABEL <sup>WELDED</sup>

USE:  
FREESTYLE, STREET, TRAILS  
SIZES:  
406mm  
E.R.D.:  
388  
WEIGHT:  
670g  
HOLE COUNTS:  
36, 48  
COLORS:  
BLACK, CHROME



FEATURES: **DWS**

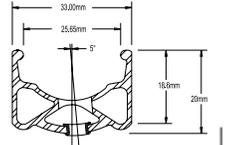


## 4-PLAY

USE:  
FREESTYLE, STREET, TRAILS  
SIZES:  
406mm  
E.R.D.:  
382  
WEIGHT:  
575g  
HOLE COUNTS:  
36, 48  
COLORS:  
BLACK, CHROME

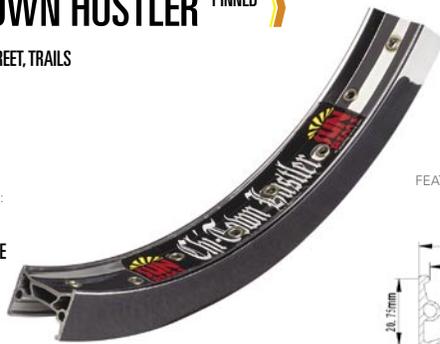


FEATURES: **TCB**

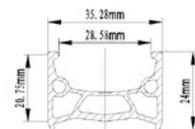


## CHI-TOWN HUSTLER <sup>PINNED</sup>

USE:  
FREESTYLE, STREET, TRAILS  
SIZES:  
406mm  
E.R.D.:  
388  
WEIGHT:  
670g  
HOLE COUNTS:  
36, 48  
COLORS:  
BLACK, CHROME



FEATURES: **DWS**

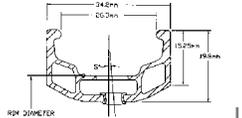


## BIG CITY

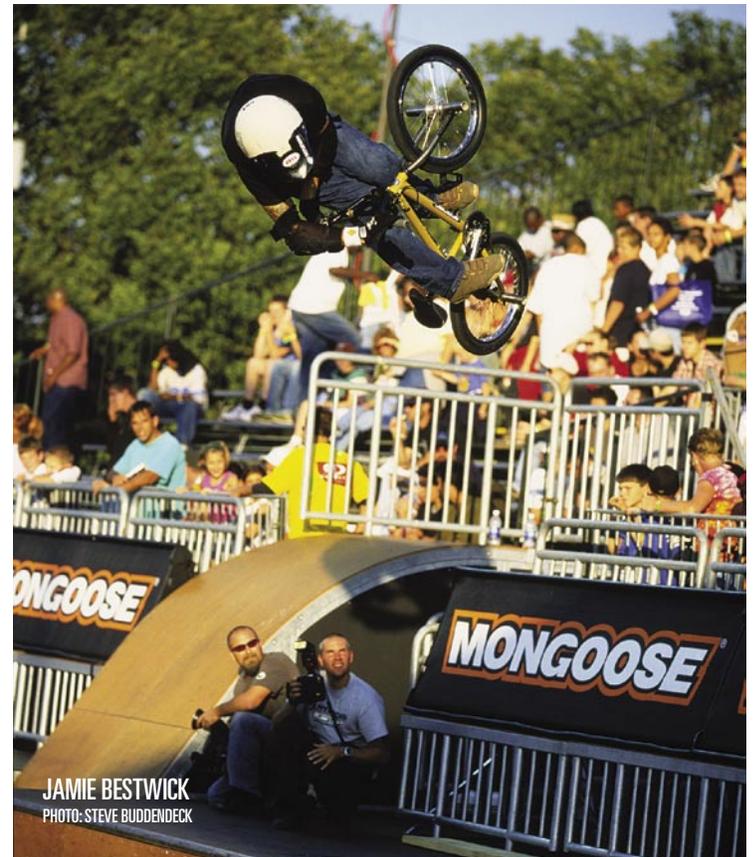
USE:  
FREESTYLE, STREET, TRAILS  
SIZES:  
406mm  
E.R.D.:  
389  
WEIGHT:  
600g  
HOLE COUNTS:  
36, 48  
COLORS:  
BLACK, CHROME,  
SMOKE CHROME,  
GOLD CHROME



FEATURES: **DWS TCB**



MATT POHLKAMP  
TEAM SUN RINGLE - CALL CENTER JOCKEY

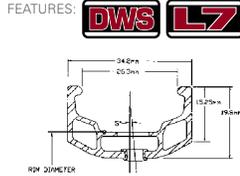


JAMIE BESTWICK  
PHOTO: STEVE BUDDENDECK

# BMX RIMS

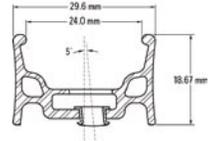
## KING PIN »

USE:  
FREESTYLE, STREET, TRAILS  
SIZES:  
406mm  
E.R.D.:  
389  
WEIGHT:  
595g  
HOLE COUNTS:  
36, 48  
COLORS:  
BLACK, CHROME



## BFR (BIG FAT RIM) »

USE:  
ALL PURPOSE  
SIZES:  
406mm, 507mm  
E.R.D.:  
394, 492  
WEIGHT:  
510g, 635g  
HOLE COUNTS:  
36, 48  
COLORS:  
BLACK, CHROME



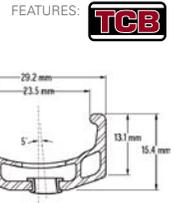
## BLACK BOX »

USE:  
BMX RIDING AND RACING  
SIZES:  
406mm  
E.R.D.:  
389  
WEIGHT:  
480g  
HOLE COUNTS:  
36, 48  
COLORS:  
BLACK, CHROME



## RHYNO LITE XL 1.75 »

USE:  
BMX RACING, TRAILS  
SIZES:  
406mm, 507mm  
E.R.D.:  
395, 493  
WEIGHT:  
415g, 510g  
HOLE COUNTS:  
36, 48  
COLORS:  
BLACK, CHROME



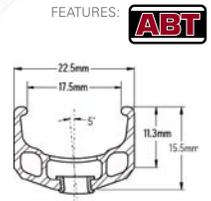
## RHYNO LITE 1.5 »

USE:  
BMX RACING, RIDING  
SIZES:  
406mm, 507mm, ALSO AVAILABLE IN 305mm  
E.R.D.:  
395, 493  
WEIGHT:  
405g, 495g  
HOLE COUNTS:  
36  
COLORS:  
BLACK



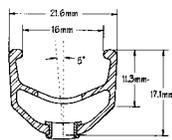
## CR-18 »

USE:  
BMX RACING, RIDING  
SIZES:  
406mm, 451mm, 507mm, 541mm  
E.R.D.:  
389, 438, 494, 532  
WEIGHT:  
350g, 375g, 390g, 425g  
HOLE COUNTS:  
28, 36  
COLORS:  
BLACK



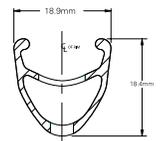
## ICI-1 »

USE:  
BMX RACING, RIDING  
SIZES:  
451mm, 520mm  
E.R.D.:  
438, 507  
WEIGHT:  
340g, 390g  
HOLE COUNTS:  
28, 36  
COLORS:  
BLACK



## M14A AKA THE ANKLE BITER »

USE:  
BMX RACING, RIDING  
SIZES:  
400mm  
E.R.D.:  
380  
WEIGHT:  
215g  
HOLE COUNTS:  
28  
COLORS:  
SILVER





TJ LAVIN  
PHOTO: KEITH MULLIGAN

# BMX HUBS

## SUPERSTOCK HUBSET »

TECH SPEC:

6061 T6 ALLOY HUB BODY  
4130 HEAT TREATED CHROMOLY AXLES  
36 HOLE DRILLINGS  
SEALED BEARINGS  
FLIP-FLOP DESIGN  
BLACK



## JABBA THE HUBSET »

TECH SPEC:

6061 T6 ALLOY HUB BODY  
4130 HEAT TREATED CHROMOLY AXLES  
36 AND 48 HOLE DRILLINGS  
HOLLOW HARDENED 14mm SLOTTED OR SOLID AXLES  
3 SEALED BEARINGS  
FLIP-FLOP DESIGN  
BLACK



## ATILLA THE HUB »

TECH SPEC:

6061 T6 ALLOY HUB BODY  
7075 T6 ALLOY AXLE  
STEEL LUG AXLES  
SEALED CARTRIDGE BEARINGS  
36 HOLE  
ANGLED FLANGES  
280g (F) / 440g (R)  
BLACK  
LASER ENGRAVED GRAPHICS  
13-18 TOOTH REAR 4140 PRE-HARDENED COGS  
51mm FLANGE DIAMETER (F/R)  
32.1mm CENTER-TO-FLANGE DIAMETER (F),  
30.2mm DRIVE SIDE CENTER-TO-FLANGE DIAMETER (R)  
37.1 NON-DRIVE SIDE CENTER-TO-FLANGE DIAMETER



\*LOOK FOR NEW THRU AXLE DESIGN

# BMX COMPONENTS



## CNC OCTANE MAG PEDALS »

TECH SPEC:  
LIGHTWEIGHT MAGNESIUM BODY  
9/16" CHROMOLY SPINDLE  
REPLACEABLE CLEATS  
SEALED CARTRIDGE BEARINGS  
BROACHED SPINDLES  
243g (EACH)  
BLACK



## TITANIUM OCTANE PEDAL SPINDLE »

TECH SPEC:  
6 AL/4V TITANIUM SPINDLES  
BROACHED AXLE  
SAVES 40g



## ZU ZU'S PEDALS »

TECH SPEC:  
ALLOY CAGE  
9/16" CHROMOLY AXLE  
REPLACEABLE CLEATS  
SEALED BEARING  
BLACK



## DEEZ NUTZ AND LUGZ »

TECH SPEC:  
DEEZ LUGZ ALLOW CONVERSION OF STANDARD 3/8" AXLES TO 14mm AXLES  
DEEZ NUTZ ARE 14mm CNC MACHINED AXLE NUTS FOR ATILLA THE HUB



DAVID STROUD  
PHOTO: CORY MUTH

# OEM RIMS

## DITCHWITCH »

USE:  
BMX RACING TO FREERIDE

SIZES:  
406mm, 559mm

WEIGHT:  
410g, 560g

HOLE COUNTS:  
32, 48

COLORS:  
SILVER, BLACK



## HILLROD »

USE:  
XC RIDING

SIZES:  
559mm

WEIGHT:  
569g

HOLE COUNTS:  
32, 36

COLORS:  
SILVER, BLACK



## AT18 »

USE:  
ALL AROUND USAGE

SIZES:  
305mm, 630mm

WEIGHT:  
280g, 570g

HOLE COUNTS:  
28, 48

COLORS:  
SILVER, BLACK



## MC18 »

USE:  
ALL AROUND USAGE

SIZES:  
305mm, 559mm

WEIGHT:  
250g, 470g

HOLE COUNTS:  
28, 48

COLORS:  
SILVER, BLACK



## ZX25 »

USE:  
BMX RACING TO XC RIDING

SIZES:  
406mm, 559mm

WEIGHT:  
280g, 570g

HOLE COUNTS:  
32, 48

COLORS:  
SILVER, BLACK



## M13II »

USE:  
BMX RACING TO TOURING

SIZES:  
451mm, 630mm

WEIGHT:  
330g, 470g

HOLE COUNTS:  
28, 36

COLORS:  
SILVER, BLACK



## MZ14 »

USE:  
ROAD RIDING AND RACING

SIZES:  
622mm

WEIGHT:  
588g

HOLE COUNTS:  
28, 36

COLORS:  
SILVER, BLACK



THESE RIMS ARE ORIGINAL EQUIPMENT ON THE BEST BICYCLES SOLD WORLDWIDE AND ARE NOT SOLD IN THE AFTERMARKET.



## HANDLE YOUR BUSINESS CARD HOLDER »

ALLOY CARD CARRYING CASE FOR BUSINESS CARDS, CREDIT CARDS, CASH, OR CONDOMS  
LASER ETCHED LOGO  
AVAILABLE IN BLACK ONLY



## STUFF-IT WHEEL BAG »

LARGE ENOUGH FOR 700c WHEELS  
SCREENED SUN RINGLE LOGO  
STURDY HANDLES  
ZIPPER CLOSURE AND SMALL POCKET FOR SKEWERS, TOOLS, ETC.  
EXTERIOR BUSINESS CARD HOLDER



## SUN RINGLE TEAM JERSEY »

AIR KONTROL POLYESTER PADDED LONG SLEEVE AVAILABLE



## T-SHIRTS »

L, XL SIZES ONLY  
BLACK S/S  
RINGER T (WHITE & RED)  
3/4 (WHITE & BLACK)



FRONT

BACK

## SUN RINGLE BANNER »

3' X 6'  
4 GROMMET



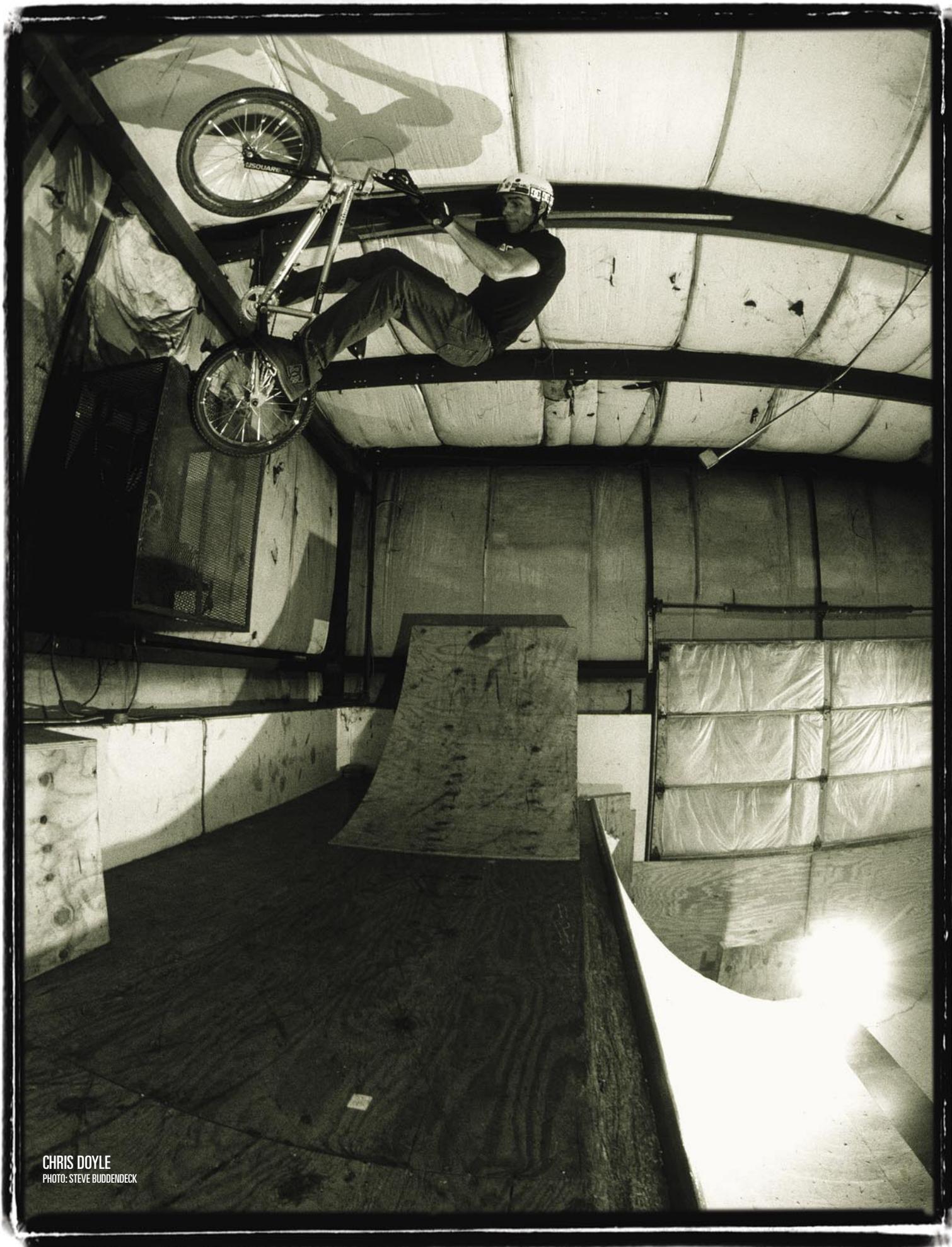
## SUN RIMS BANNER »

3' X 6'  
4 GROMMET



## ASSORTED STICKERS »



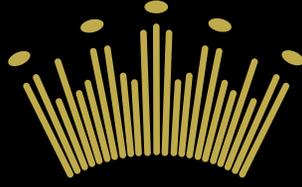


CHRIS DOYLE  
PHOTO: STEVE BUDDENDECK

# METRIC TO U.S. STANDARD CONVERSION CHART



Metric	U.S. Standard
305mm	16x1.5 - 2.125
400mm	18"
406mm	20x1.5 - 2.125
451mm	20x1 1/8 & 1 3/8
507mm	24x1.5 - 2.125
520mm	24x1 1/8
541mm	24x1 3/8
571mm	650c clincher
559mm	26x1.5 or larger
622mm	700c clincher
630mm	27x1 1/8, 1 1/4
632mm	700c tubular



WORLD HEADQUARTERS  
2156 NORTH DETROIT STREET  
WARSAW, IN 46580  
TELE: 888-4-SUNRIM (FREE), (574) 267-3281 - FAX: (574) 267-2446