

## MANACLE CHAIN DEVICE

The Goldtec Manacle Chain device is designed for the rigors of racing downhill in muddy U.K. Winter conditions. The top guide is fixed and made of two aluminium plates with nylon rollers. The lower guide is sprung so that it doesn't destruct in the event of a ground impact. A jockey wheel/nylon roller combination kills all chain whip before it gets near the chainring.

The Manacle was used to get several wins in the very muddy winter of 1998/1999 Brass Monkey Winter Series (Dave Armstrong and Billy Cheetham) and Y2000 Winter Series (Steve Jones and Jason Carpenter).



## 'STUB' STEMS

CNC'ed from Aerospace aluminium the stub stems are the ultimate in stiffness coupled with lightweight. Material is bored out of the inside in a selective profile to reduce weight but keep strength where it is needed. The stub stem is available in ZERO reach, 27mm (as short as you can go conventionally), 35mm, 45mm and 55mm. All stems except the ZERO STUB have zero rise and need to be used with A-Head spacers to achieve rise.



## LONG TRAVEL PLATES FOR GIANT BIKES

\*CNC Aerospace alloy Pivot Plates to give the 1997 and 1998 Giant ATX 990 (900, 970 & 980) a plush 5.5" of rear wheel travel.

\*Eight Inch Long Travel plates for the Giant ATX One and Two Frames. These plates lift the bottom bracket up by 1.5" when the bike is unweighted to help accommodate the extra travel without excessively lowering the bottom bracket during G-Out situations.

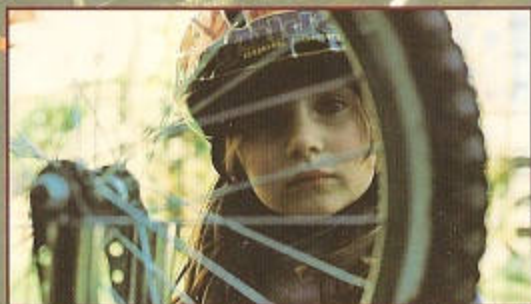
\*Beefier than the original plates to improve stiffness as well as travel



## FORK UPGRADES

Stem /top crown combination units for RST Hi5 and Junior T Forks. These combine the stub stems with the top crown for unparalleled stiffness and control.

- \* adjustable reach
- \* adjustable rise (with spacers).



## CONTACT:

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# Goldtec

**SAM XC FRONT MTB HUB (145G)**

- \* One piece Aluminium Hub Body.
- \* Aerospace alloy axle and body.
- \* Two outboard INA6000 2RS bearings with extra dirt seals.

**SAM XC MTB REAR HUB (335G)**

- \* One piece 2014-T6 aluminium hub body
- \* Aerospace alloy axle (2014-T6)
- \* Runs on two INA 6000 2RS cartridge bearings as far outboard as possible, sealed with extra nitrile rubber dirt seals against the rigors of MTB use
- \* Freewheels on the patented Goldtec Titanium Nitride bushing
- \* Total loss oiling system
- \* 48 engagement point pawl/ratchet design
- \* Durable CroMo Steel Cassette carrier -rotor' design, splines fully compatible with all HG compatible cassettes
- \* Easy to clean and service
- \* Available in 32h drilling only in Black, Red, Blue and Silver

**SPEEDLINE FRONT HUB (110G)**

- \* Lightweight, freespinning front hub suitable for radial lacing

**SPEEDLINE REAR HUB 130MM OLN (320G)**

- \* The stiffest, fastest rear hub yet to reach the beleaguered road hub market.
- \* Specification is similar to the SAM XC rear, but with low friction seals to cut down losses during freewheeling
- \* Available in a variety of standard and exotic drillings all slotted for bladed spokes
- \* Fineline hubs are available in Pewter Silver anodising only

**GOLDTEC TRACK HUBS**

- \* Available in any drilling, pewter
- \* Anodising only with 120, 130 & 135mm O.L.N. dimensions.
- \* 14mm axle with 10mm flats to slot in drop outs.
- \* Tapped axle to take M8 bolts.
- \* Flip flop design to take sprockets on either side of the hub (Twice the gears or twice the life).

**XC DISC FRONT HUB (182G)**

- \* Directly compatible with Magura Louise, Formula, Hayes disc brakes
- \* Adaptors available for Hope disc brakes 165mm and 185mm
- \* Heavy duty axle - suitable for SLALOM and JUMPING
- \* QR 100mm axle only, no upgrade to 20mm thro' axle.
- \* Available in 32h or 36h drillings in Red, Blue, Black or Silver

**XC DISC REAR HUB (410G)**

- \* Same as SAM DH rear hub, but with an Aerospace Aluminium axle for light weight

**'DRACO UNIVERSAL' DOWNHILL FRONT DISC HUB**

- \* Front disc hub for 20mm thro' axle forks or Standard QR 100mm axle spacing
- \* 110mm OLN with 20mm axle - (10mm spacer required for 120mm forks: Risse Roxy, White Brothers UD150 UD180 etc)
- \* 100mm QR Axle bolts straight in to suit standard dropout forks
- \* Directly compatible with Magura Gustav M Disc and Louise disc brakes
- \* Adaptors available for all popular disc brakes: Hope, Formula, Hayes
- \* Drillings available 32h, 36h
- \* Colours Red, Blue, Black and Silver

**SAM DH REAR HUB (430G)****DISC COMPATIBLE**

- \* Same as SAM XC Rear but with:
- \* Cro Mo Steel Axle as standard
- \* 4mm flanges - 33% stronger!
- \* Modified version can be used with Goldtec/Magura Universal Rear Disc Adaptor
- \* Directly compatible with Magura Gustav M, Formula or Hayes disc brakes - please specify
- \* Adaptor required for Hope 165mm rear disc

**DOWNHILL AND SLALOM CHAINRINGS**

- \* CNC Machined from Aerospace Grade Aluminium
- \* Teeth designed according to British Standards
- \* The best rings you can buy!! - without breaking the bank!!



- \* XTR 4 ARM 40,42,44,46T
- \* XT 4 ARM 40,42T
- \* COMPACT 36,38,40,42,44,44T
- \* STANDARD 38,40T