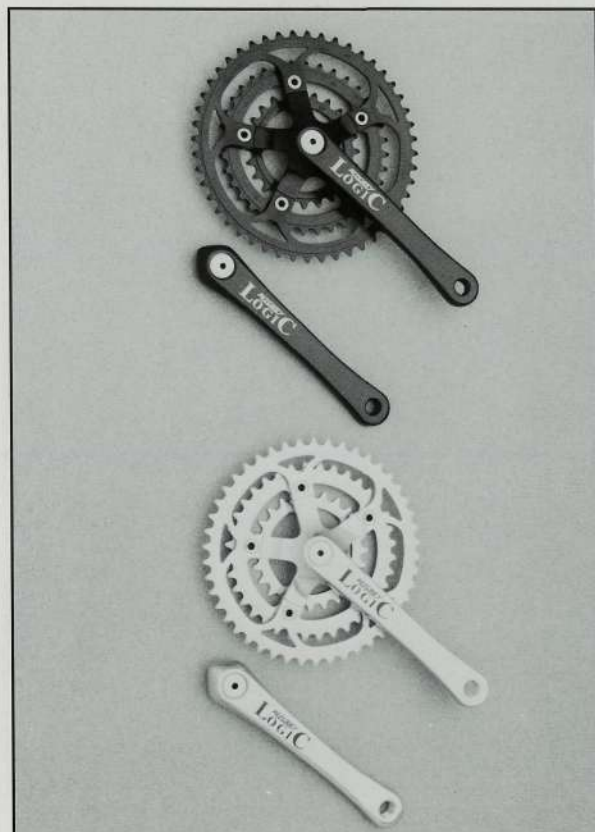




LOGIC CRANKSETS

At last a Logical cure for the common cold-forged crank! Tom Ritchey created this crankset with the serious rider in mind. The Logic Crankset is cold-forged for superior strength, and features an ultra-clean "hidden pin" design for less weight and increased stiffness. The Logic Crankset has a very low "Q-factor," a feature that makes for efficient and ergonomic pedaling. The left crank arm also receives a unique reinforcement at the axle area to increase strength. Finally, the super duraluminum material is hand polished to a high quality satin finish that's only found on the highest quality cranks.



LOGIC CRANKSET

Ritchey brings Logic to one of the most important parts of the bike: the crankset. The Logic Crankset offers light weight, excellent power efficiency, and an ultra-low "Q-factor!"

- MATERIALS ♦ forged duraluminum
- FINISH ♦ hand polished-silver, black anodized
- LENGTHS ♦ 170mm, 172.5mm, 175mm, 177.5mm, 180mm
- Q-FACTOR ♦ 151mm
- INNER RING ♦ 74mm
- OUTER RINGS ♦ 110mm
- CHAINWHEELS ♦ 24/36/46t, 26/36/48t
- WEIGHT ♦ 650 grams

LOGIC TANDEM CRANKSET

- MATERIALS ♦ forged duraluminum
- FINISH ♦ hand polished silver anodized
- LENGTHS ♦ 170mm, 175mm
- Q-FACTOR ♦ 151mm
- INNER RING ♦ 74mm
- OUTER RINGS ♦ 110mm
- CHAINWHEELS ♦ 26/38/54t, 38/38/drive
- WEIGHT ♦ 1390 grams



HEADSETS & BOTTOM BRACKETS

Upper bearings of headsets don't wear out, but lower bearings do. That's because nearly all impact forces work against the lower bearings. The upper bearings work mainly as a keeper. That's why Tom Ritchey designed the Logic Headsets. Oversized 3/16" bearings on the bottom increase the strength by substantially increasing the amount of load bearing surface area. To balance the smaller load requirements on the top, Logic uses 1/8" bearings which also reduce needless weight. The result is a headset that has the strength of an oversize headset while actually reducing the weight of a standard size headset. Another example of Ritchey winning by design.

LOGIC COMP HEADSET

You can't find a stronger, lighter headset! That's why so many top pros choose the Logic Comp headset for top performance on the road and off.

- STACK HEIGHT ♦ 33mm
- CONSTRUCTION ♦ 1/8" top bearings, 3/16" lower bearings, chromoly bearing steel, precision polished races
- LOCKNUT ♦ duraluminum
- SIZING ♦ 1" — 24 tpi, Eng (30.2, 26.4), JIS (30.0, 27.0)
- COLOR ♦ black cp
- WEIGHT ♦ 110 grams



LOGIC HEADSET

The Logic Headset has the same world championship winning design as the Logic Comp at a more affordable price.

- STACK HEIGHT ♦ 33mm
- CONSTRUCTION ♦ 1/8" top bearings, 3/16" lower bearings, high quality bearing steel races
- LOCKNUT ♦ steel
- SIZING ♦ 1", 1-1/8" (OS), 1-1/4" (OS)
- COLOR ♦ satin cp
- WEIGHT ♦ 130 grams (standard 1"), 140 grams (1-1/8" OS), 145 grams (1-1/4")



Current fads to widen bottom brackets aren't necessary with Ritchey's new Logic Bottom Brackets. The Logic BB fits a standard 68mm frame shell, while moving the cup-bearing position out to 78mm. This gives you the axle/bearing strength of a wider or oversize bottom bracket without needless extra weight and availability hassles. Through careful design and the use of the highest quality chromoly and ni-chromium materials, Ritchey has developed the lightest and toughest bottom brackets available!



LOGIC PRO

The Logic Pro is a durable, competition-worthy bottom bracket. It's strong, light, and provides superb pedaling performance!

- CUPS ♦ sealed crmo steel, precision ground bearing surfaces
- SPINDLE ♦ hollow nickel-chromium
- THREAD ♦ English 1.37x24
- SIZE ♦ 68x120mm (centered)
- WEIGHT ♦ 285 grams



LOGIC PRO "WCS"

Same construction as the Logic Pro, but with an alloy lock ring and titanium fixing bolts for an ultimately light 265 grams.

- CUPS ♦ sealed crmo steel, precision ground bearing surfaces
- SPINDLE ♦ hollow nickel-chromium
- THREAD ♦ English 1.37x24
- SIZE ♦ 68x120mm (centered)
- WEIGHT ♦ 265 grams

LOGIC COMP

The same great Logic features with more affordable construction.

- CUPS ♦ sealed, bearing steel
- SPINDLE ♦ hollow crmo
- THREAD ♦ English 1.37x24
- SIZE ♦ 68x120mm (centered)
- WEIGHT ♦ 290 grams