



TREK

AMERICAN HANDBUILT FRAMESETS AND BICYCLES

TREK BICYCLES

As designer builders TREK has attempted to balance the traditional with the contemporary. Custom design with advanced engineering. Handcraftsmanship with precision machine tooling.

Our goal is simple: To produce a hand-built limited-production frame which, matched with the right components, will have the performance of a custom built bicycle. And to offer this at a price reflecting the advantages of production engineering and domestic American manufacture.

THE FRAME

The most important part of any bicycle. Carefully designed and built it should last a lifetime.

Our principal criterion in frame design

is performance. The attention to function has resulted in a range of distinctive designs, each with its own combination of responsiveness and handling. In addition the critical dimensions of each TREK frame are unique to that particular size — the angles and length of every tube are coordinated with the length of the seat tube.

Tubing

Columbus, Reynolds 531, Ishiwata — the most prestigious names in bicycle tubing. TREK does not build with anything less. And every TREK is fully double-butted. Each tube is thicker at the ends where stress concentrates, and thinner in the midsection. This taper increases both responsiveness and strength-to-weight ratio.

Superior tubing is complemented by seamless lugs, investment cast fork crowns and forged dropouts.

Mitering

Miter angle tolerances are maintained within one tenth of one degree accuracy. In every TREK frame there are a minimum of 20 miter cuts. The frame is actually mitered as if it were lugless. This results in overall frameset rigidity unavailable in less carefully engineered bicycles.

Brazing

In order to maintain the tensile strength of the tubing and the resulting high strength-to-weight ratios of our frames, we specify low temperature silver or Eutectic 18[®] low fuming bronze and nickel bronze brazing rod for every frame.

Finish

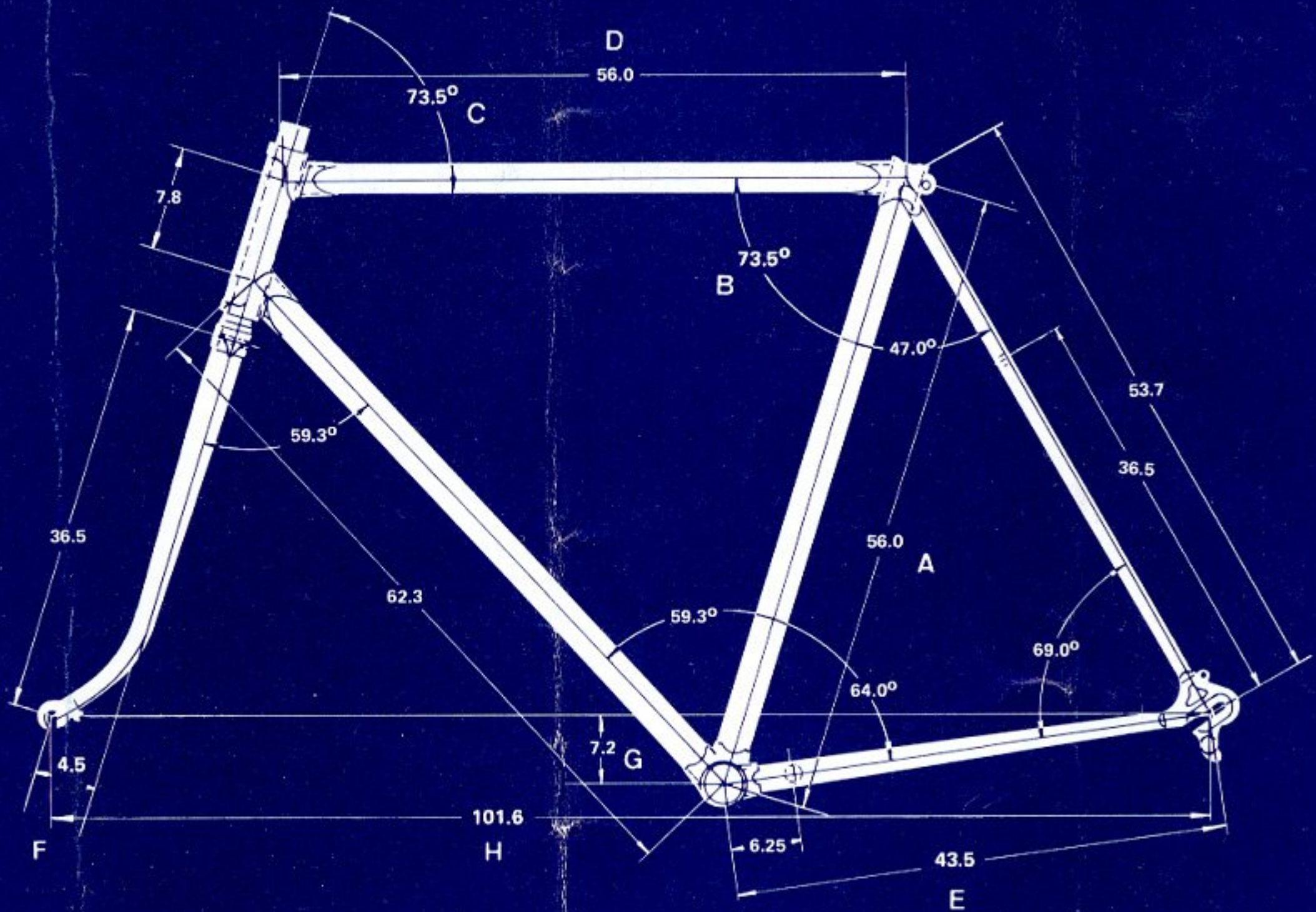
Prior to painting, Trek frames are dipped in a 6 tank chemical cleaning and metal treatment system that provides a rust resistant surface and ensures adhesion of the finish. DuPont Imron[®] activated polyurethane enamel is then sprayed over a thick coat of DuPont Corlar[®] catalized epoxy primer.

TREK



The TREK frame—technical information

		A	B	C	D	E	F	G	H
Model 412, 610	21"	52.0cm	72°	73°	54.0cm	45.5cm	5.5cm	7.2cm	101.3cm
	22-1/2"	56.0cm	73°	73°	56.0cm	43.5cm	5.5cm	7.2cm	102.4cm
	24"	60.0cm	73°	73°	58.0cm	43.5cm	5.5cm	7.2cm	104.4cm
	25-1/2"	62.0cm	73°	73°	60.0cm	43.5cm	5.5cm	7.2cm	106.4cm
Model 510, 710	19"	47.0cm	76°	73°	53.0cm	43.5cm	4.5cm	7.2cm	100.9cm
	21"	52.0cm	73.5°	72.5°	54.5cm	43.5cm	4.5cm	7.2cm	101.5cm
	22-1/2"	56.0cm	73.5°	73.5°	56.0cm	43.5cm	4.5cm	7.2cm	101.6cm
	24"	60.0cm	73°	73.5°	57.5cm	43.5cm	4.5cm	7.2cm	102.8cm
Model 750, 950	52cm	50.8cm	74°	73.5°	52.5cm	40.7cm	4.2cm	7.5cm	96cm
	56cm	54.8cm	73.3°	73.7°	56.7cm	40.7cm	4.2cm	7.5cm	97.2cm
	60cm	58.8cm	73.2°	73.8°	58.5cm	40.7cm	4.2cm	7.5cm	99.2cm
	64cm	62.8cm	73.2°	74°	60cm	40.7cm	4.2cm	7.5cm	101.5cm



ENGINEER'S DRAWING (shown: 22-1/2" Model 510, 710)

FRAME SPECIFICATIONS

Tubing	412	Ishiwata 022 Chrome-Molybdenum double-buttet main tubes. Ishiwata high-tensile forks and stays.
	610	Reynolds 531 double-buttet main tubes. Ishiwata high-tensile forks and stays.
	510	Ishiwata 022 Chrome-Molybdenum double-buttet throughout.
	710	Reynolds 531 double-buttet throughout.
	750	Reynolds 531 double-buttet throughout.
	950	Columbus SL/SP double-buttet throughout.
Fork Crown	Models 412, 610: Ishiwata CCL semi-sloping. Model 510: SCM 555 investment cast. Model 710: Haden Europa investment cast. Models 750/950: Cinelli CC investment cast.	
Lugs:	Nikko Sangyo seamless long point Italian cut lugs. Nikko Sangyo bottom bracket. Models 750/950 Cinelli SCM bottom bracket.	
Dropouts:	Model 412, 610: Suntour GT forged. Models 510, 710: Shimano SF forged with eyelets. Models 750/950: Shimano UF semi-vertical.	
Brazing Rod:	Silver alloy B Ag7 or Eutectic 18 [®] and nickel bronze alloy.	
Mitering:	Specific miter angle tolerance within one-tenth of one degree accuracy.	
Finish:	Phosphate metal undercoating and rust inhibitor. DuPont Corlar [®] epoxy primer. DuPont Imron [®] activated polyurethane metallic enamel.	
Threading:	Bottom bracket: English 1.370" x 24 TPI BSC. Headset: English 1" x 24 TPI BSC.	
Sizes:	19" (Models 510, 710 only), 21", 22½", 24", 25½". Models 750/950 52 cm, 54 cm, 56 cm, 58 cm, 60 cm, 62 cm, 64 cm.	

TREK reserves the right to change specifications without notice.

SPECIFICATIONS

Model	Frame	Crankset	Derailleurs	Freewheel	Brakes	Bar/Stem	Seatpost	Saddle	Pedals	Hubs	Rims	Tires
412	Ishiwata 022 Cro-Mo Main Tubes Double-Butted	SR Alloy SN5 DRG 40-52	Suntour VX-GT	Suntour Mighty-6 14-30	DiaCompe 500 Sidepull	SR Custom Alloy	SR Alloy	Avocet Condor	NEW SR Alloy Quill	Sunshine L-F Q.R.	Rigida Alloy 13-20 27"	Michelin Bib Sport
613	Reynolds 531 Double-Butted Main Tubes	SR Alloy SN5 DRG 40-52	Suntour VX-GT	Suntour Mighty-6 14-30	DiaCompe 500Q Sidepull	SR Custom Alloy	SR Alloy	Avocet Condor	NEW SR Alloy Quill	Sunshine Gyromaster L-F Q.R.	Rigida Alloy 13-20 27"	SBI Spec. Touring
614	Reynolds 531 Double-Butted Main Tubes	SR FORGED SAX 5RG 40-52	Suntour VX-GT	Suntour Mighty-6 14-30	DiaCompe 500G Sidepull	SR Custom Alloy	SR P5 Laprade	Avocet Condor	NEW SR Alloy Quill	Sunshine Gyromaster L-F Q.R.	Rigida Alloy 13-20 27"	SBI Spec. Touring
616	Reynolds 531 Double-Butted Main Tubes	Shimano 600 EX FORGED	Shimano 600 EX	Shimano 600 EX 13-28	Shimano 600 EX	SR Custom Alloy	SR P5 Laprade	Avocet Condor	NEW SR Alloy Quill	Shimano 600 EX L-F Q.R.	Rigida Alloy 13-20 27"	SBI Spec. Touring
515	Ishiwata 022 Double-Butted Chrome-Moly	SR FORGED SAX 5RG 40-52	Suntour VX-GT	Suntour Ultra-6 13-28	DiaCompe 500G Sidepull	SR ROYAL Forged	SR P5 Laprade	Avocet Touring I	NEW SR Alloy Quill	Shimano 600 L-F Q.R.	Rigida Alloy 13-20 700c	SBI Spec. Touring
516	Ishiwata 022 Double-Butted Chrome-Moly	Shimano 600 EX FORGED	Shimano 600 EX	Shimano 600 EX 13-28	Shimano 600 EX	SR Custom Alloy	SR P5 Laprade	Avocet Condor	NEW SR Alloy Quill	Shimano 600 EX L-F Q.R.	Rigida Alloy 13-20 700c	SBI Spec. Touring
715	Reynolds 531 Double-Butted	SR FORGED SAX 5RG 40-52	Suntour VX-GT	Suntour Ultra-6 13-28	DiaCompe 500G Sidepull	SR ROYAL Forged	SR P5 Laprade	Avocet Touring I	NEW SR Alloy Quill	Shimano 600 L-F Q.R.	Rigida Alloy 13-20 700c	SBI Spec. Touring
716	Reynolds 531 Double-Butted	Shimano 600 EX FORGED	Shimano 600 EX	Shimano 600 EX 13-28	Shimano 600 EX	SR Custom Alloy	SR P5 Laprade	Avocet Condor	NEW SR Alloy Quill	Shimano 600 EX L-F Q.R.	Rigida Alloy 13-20 700c	SBI Spec. Touring
719	Reynolds 531 Double-Butted	Dura-Ace EX 42-52	Dura-Ace EX	Dura-Ace EX 13-23	Dura-Ace EX 57	Cinelli/ Dura-Ace EX	Dura-Ace EX	Avocet Racing I	Dura-Ace EX DD	Dura-Ace EX	Not Included	Not Included
759/ 959	Reynolds 531 or Columbus SL-SP	Dura-Ace EX 42-52	Dura-Ace EX	Dura-Ace EX 13-23	Dura-Ace EX 57	Cinelli/ Dura-Ace EX	Dura-Ace EX	Avocet Racing I	Dura-Ace EX DD	Dura-Ace EX	Not Included	Not Included

TREK

WATERLOO, WISCONSIN 53594