Waltly Frame Price Inquiry

Thank you for your interest in Waltly titanium frames.

Please fill in as much information as you can on this form, then save the file and email to sales@waltlyti.com.
We will contact you with a CAD drawing and a price quote as soon as possible.

Any specifications you are unsure of can be left blank. If you are unsure about tubing diameter, shape or wall thickness, we can select it for you based on your weight and frame size, optimized for your performance and comfort.

Include any additional requests and details in the body of the email.

Rider Information:

Name:

Weight: kg

Email address:

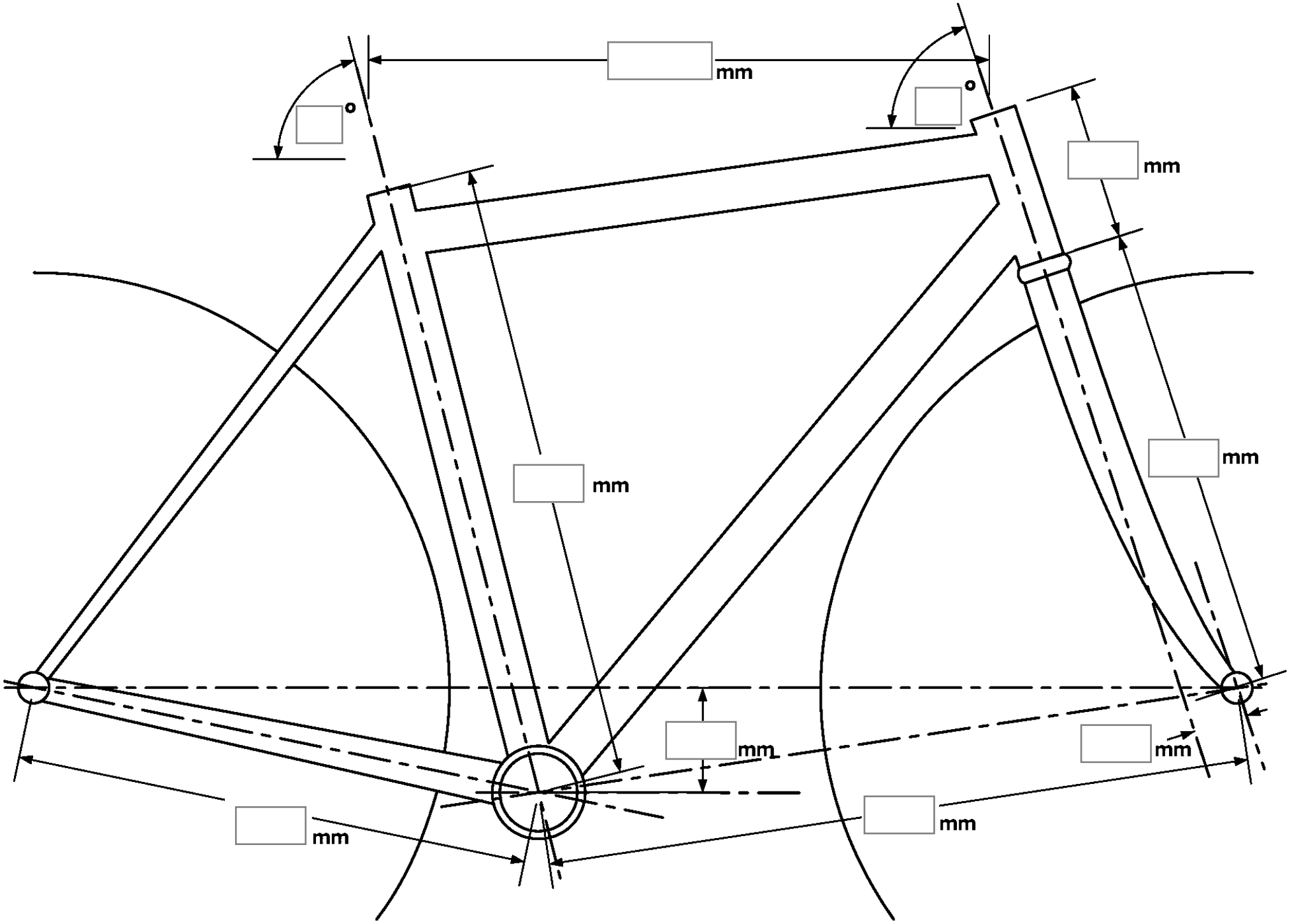
Country: Postal code:
(for shipping calculation)

WHY WE DO NOT ASK FOR BODY DIMENSIONS

We are a frame manufacturer and cannot provide in-person fitting services. Body dimensions can only provide rough guidelines for a frame. Other factors such as bicycle type (racing, touring, road, off-road, etc.), riding style, posture and joint flexibility also influence frame geometry. Two people with exactly the same body dimensions may need very different frames if one prefers to be more upright than the other. A rider may even prefer different frame geometries in different years as age, strength and flexibility change.

We strongly suggest that you get a professional fitting from a bike shop with the proper expertise and equipment. However, even that is not the final word on fitting. No formula can take the place of real world sensations. The best way to get a good fit is to copy the geometry of a bike that you are very comfortable on and satisfied with.

FRAME GEOMETRY



FRAME TYPE: Cross country MTB

HEAD TUBE:	44mm straight gauge for external cup			
TOP TUBE:	31.8mm round	No bend	0.9mm	Double butted
DOWN TUBE:	38.1mm round	No bend	1.2mm	Double butted
SEAT TUBE:	31.8mm round (topper optional for integrated seatpost)	No bend	0.9mm	Straight gauge
SEAT STAYS:	oval tapered - single bend	0.9mm		
CHAIN STAYS:	22x16 oval tapered	0.9mm		
BOTTOM BRACKET:	BSA (English) 68mm	✔ ISCG 03/05 tab		

DROPOUTS: Sliding adjustable

- ✔ Derailleur hanger
- ☐ Split seat stay with coupler (for Gates CenterTrack belt drive system)

FRAME FINISH: Sandblasted matte

☐ CUSTOM LOGO (to be supplied later)

WHEEL DETAILS

Rim size: 622 (700C, 28 inch, 29 inch)
Maximum tire width:
Rear axle width: 142mm
Rear axle type: 12mm thru axle

ADDITIONAL OPTIONS

Kickstand mount: None
Water bottle bosses: ☐ Down tube top ☐ Down tube underside ☐ Seat tube

☐ Rack eyelets
☐ Fender eyelets

BRAKE TYPE: Disc brake post - seat stay mounted

REAR BRAKE CABLE ROUTING (front triangle): Down tube - internal (drilled only)

REAR BRAKE CABLE ROUTING (rear triangle): Seat stay - cable/hose guides

DERAILLEUR CABLE ROUTING (front triangle): Down tube - internal (drilled only)

DERAILLEUR CABLE ROUTING (rear triangle): Seat stay - cable/hose guides

FRONT DERAILLEUR MOUNT: None

FORK (if applicable)

Steerer diameter: 28.6mm (1-1/8")

Crown type: Unicrown

Axle to crown distance:

Maximum tire width:

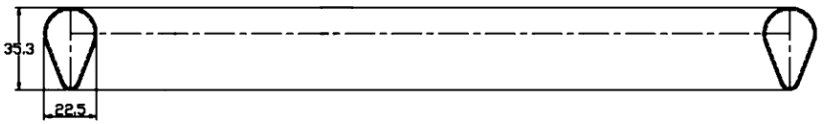
Front axle width: 100mm

Front axle type: 9mm quick release/bolt-on

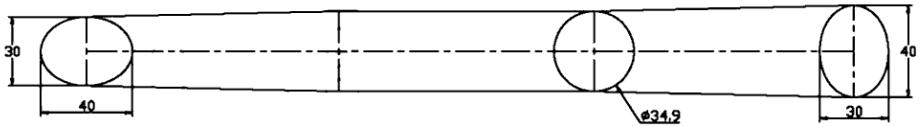
Brake type: Disc brake post mount

- [ ] Rack eyelets
- [ ] Fender eyelets
- [ ] Water bottle/Anything Cage bosses

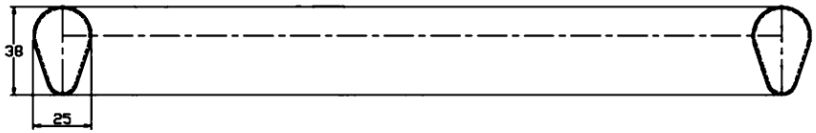
STANDARD DOWN AND SEAT TUBES



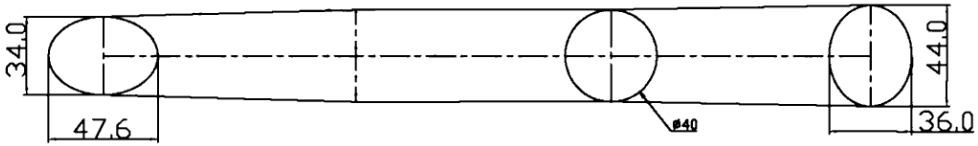
35x22mm teardrop



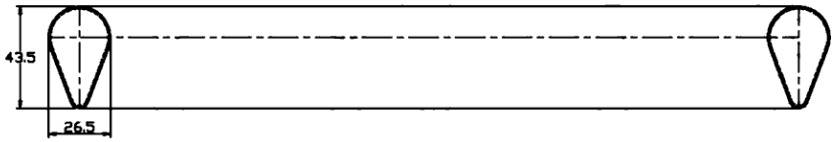
40mm biaxially ovalized



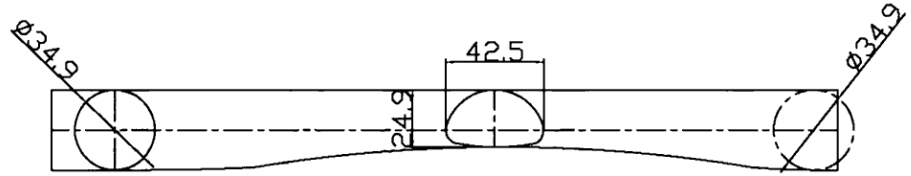
38x25mm teardrop



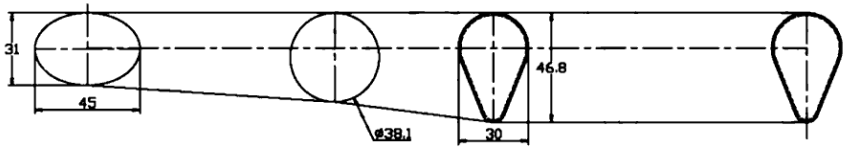
44mm biaxially ovalized



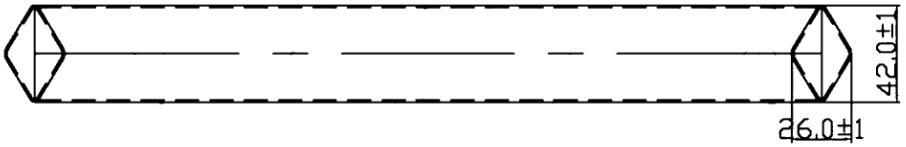
44x26mm teardrop



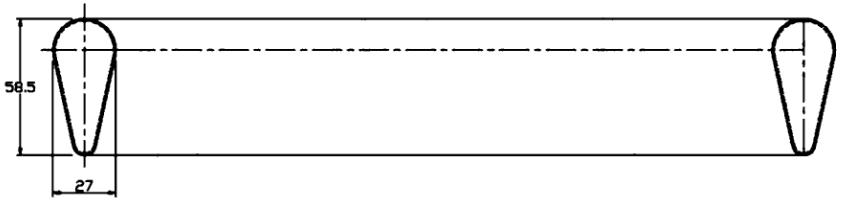
Scalloped 35mm round seat tube



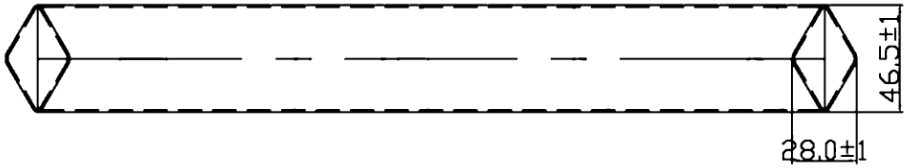
44mm teardrop to laterally ovalized seat tube



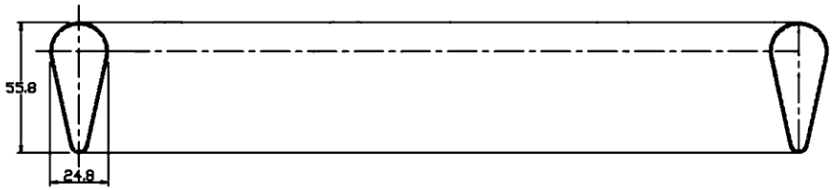
42x26mm diamond



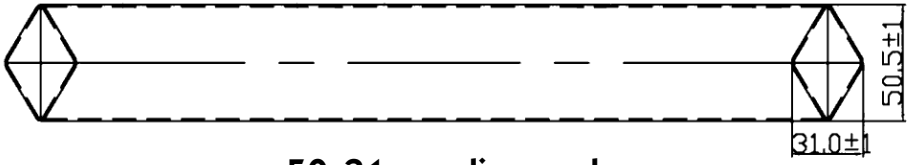
50x27mm teardrop



46x28mm diamond

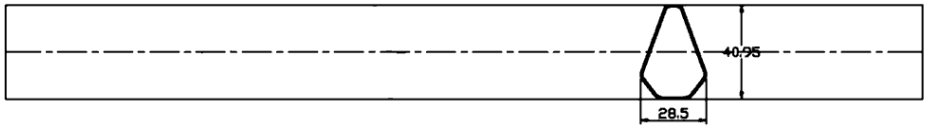


56x25mm teardrop

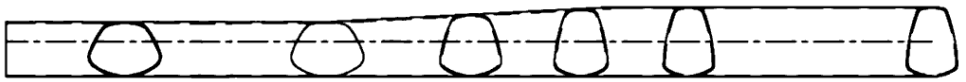


50x31mm diamond

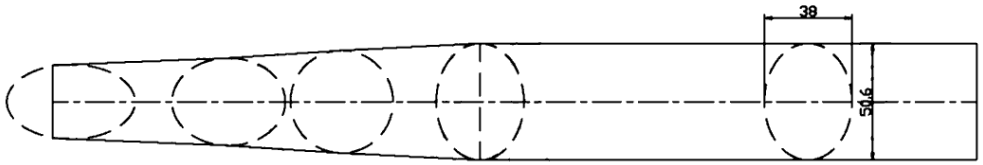
HYDROFORMED DOWN TUBES



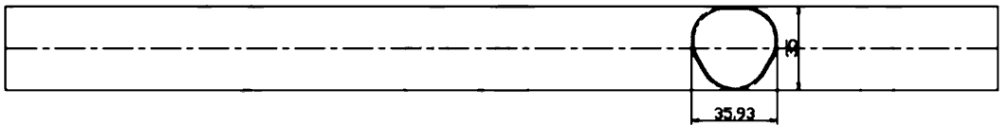
Hexagonal



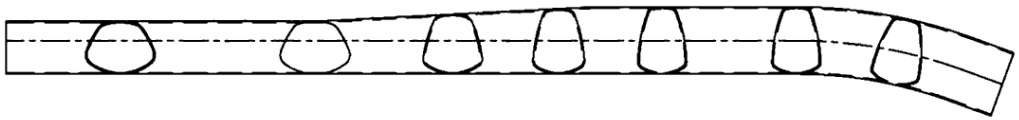
Bell shape, laterally widened at bottom bracket



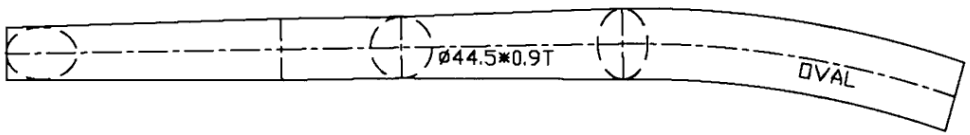
51x38mm biaxially ovalized



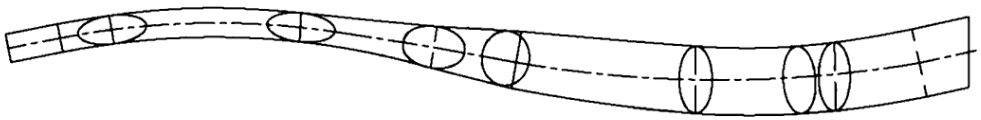
35mm inverted pear shape



Bell shape, laterally widened at bottom bracket
curved at head tube

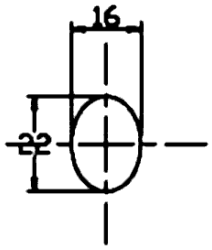


Biaxially ovalized, curved at head tube

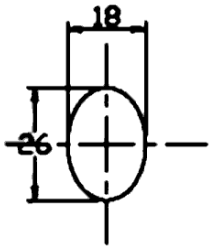


Biaxially ovalized, wave style (for retro frames)

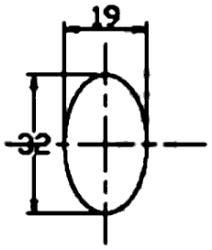
OVAL TUBING



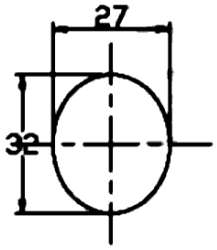
ø19 OVAL



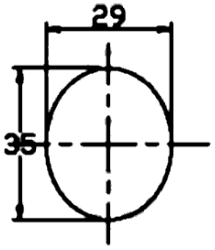
ø22.2 OVAL



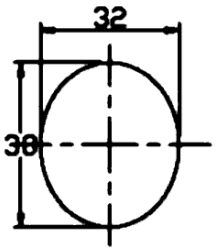
ø25.4 OVAL



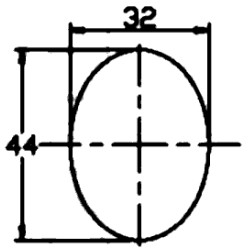
ø28.6 OVAL



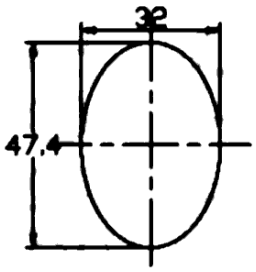
ø31.8 OVAL



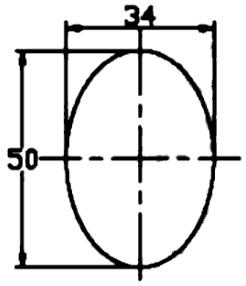
ø34.9 OVAL



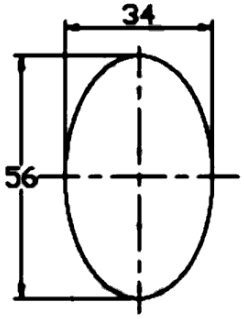
ø38.1 OVAL



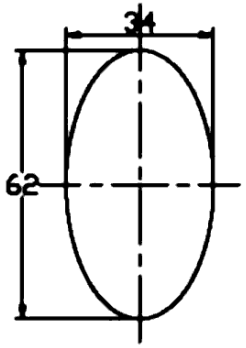
ø40 OVAL



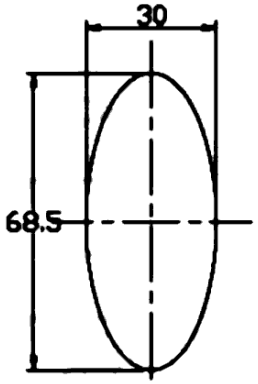
ø42 OVAL



ø44.5 OVAL



ø48 OVAL

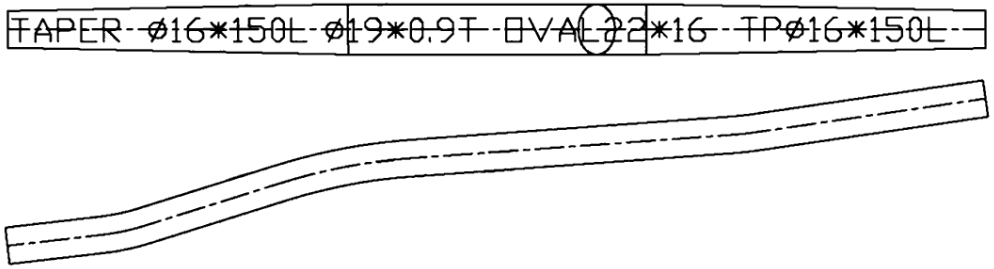


ø50.8 OVAL

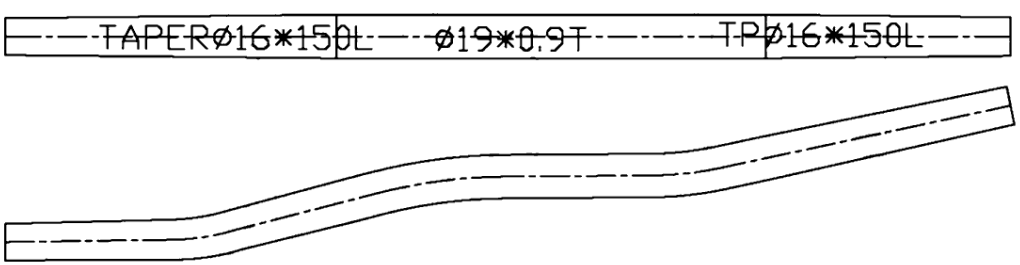
ROUND TUBING

14mm	26.8mm	33mm	42mm
16mm	27.2mm	34.9mm	44.5mm
19mm	28.6mm	36mm	48mm
22.2mm	29.8mm	38.1mm	50.8mm
25.4mm	31.8mm	40mm	

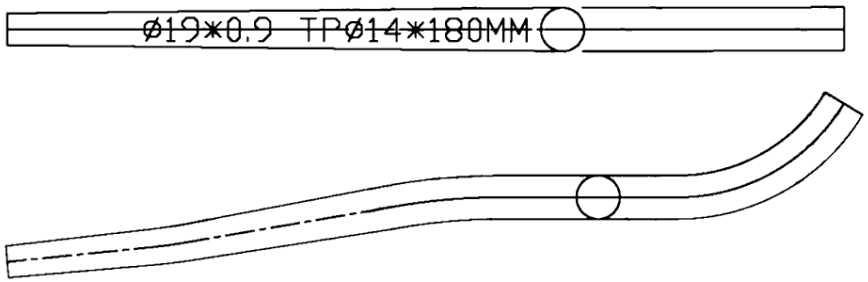
SEAT STAYS



22x16mm oval tapered to 16mm round

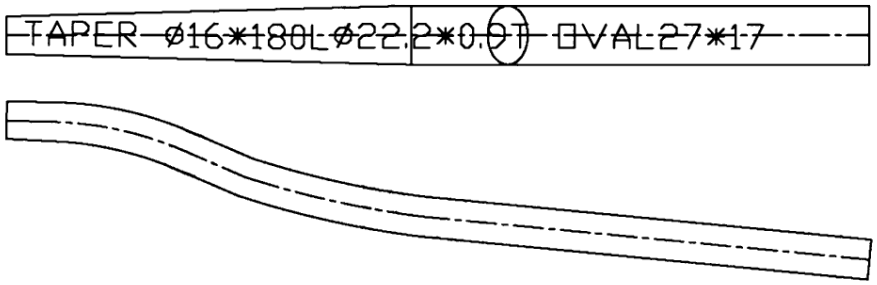


19mm round tapered to 16, both ends

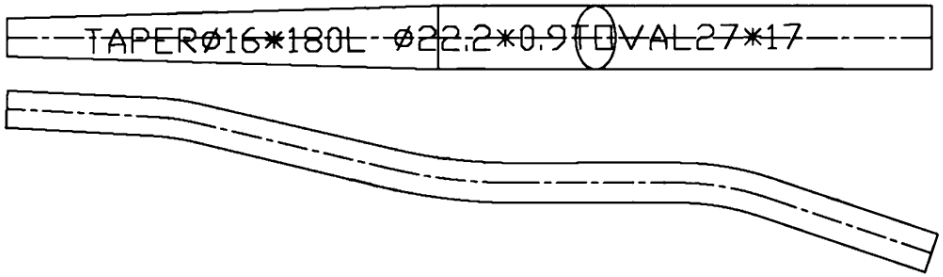


19mm round tapered to 14mm
recommended for lightweight riders only

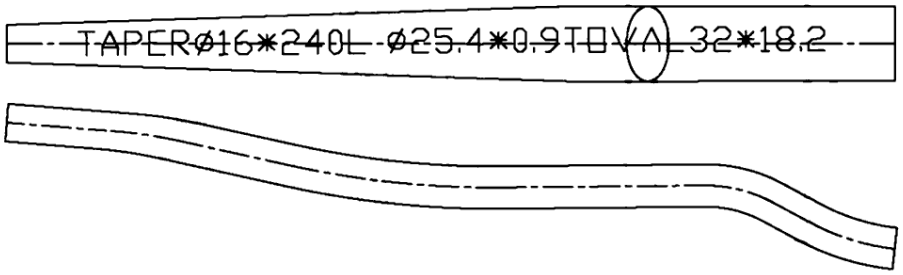
CHAIN STAYS



27x17 oval tapered to 16mm round
single bend



27x17 oval tapered to 16 round
double bend



32x18mm oval tapered to 16 round