

GET YOUR S.H.I.S. STRAIGHT

1

Head-tube

1a. Determine head-tube type

Press-fit



Headsets are contained in boxes that are pressed into the frame.

Integrated



Headsets fit into an interface inside the head-tube.

1b. Measure head-tube

Inside Diameter (ID)

Top



Inside Diameter (ID)

Bottom



1c. Convert measurements to S.H.I.S.

ID - Top

43.97 mm

S.H.I.S.

44

See Table 1 & 2

ID - Bottom

43.96 mm

S.H.I.S.

44

See Table 1 & 2

Head-tube S.H.I.S.

44 | 44

44  
Upper Head-tube Bore  
TOP

44  
Lower Head-tube Bore  
BOTTOM

2

Steerer tube

2a. Determine crown race type

Press-fit



Integrated



Stem Clamp Outside Diameter (OD)

Top



Crown Race Seat Outside Diameter (OD)

Bottom



Integrated Crown Race Outside Diameter (OD) and Seat Angle

Bottom



Bearing seat angle

2b. Measure steerer tube

OD - Top

28.55 mm

S.H.I.S.

28.6

See Table 3

OD - Bottom

35.81 mm

S.H.I.S.

40

See Table 3

36°

S.H.I.S.

36°

See Table 3

Steerer tube S.H.I.S.

28.6 | 40 (36°)

28.6  
Stem Clamp Diameter  
TOP

40  
Lower Crown Race Seat Diameter  
BOTTOM

36°  
Integrated Crown Race Seat Angle (if applicable)  
BOTTOM

3

Headset Type

3a. Determine headset type

Press-fit



Integrated



Z5 Headset

S.H.I.S.

Z544 / 28.6

EC Headset

S.H.I.S.

EC44 / 40

IS Headset

Integrated

3b. Done! Find your headset

Headset S.H.I.S.

Z544 / 28.6 | EC44 / 40

Upper Headset Fit

Z544 / 28.6

Upper Headset Type

Upper Head-tube Bore

Stem Clamp Diameter

Lower Headset Fit

EC44 / 40

Lower Head-tube Type

Lower Head-tube Bore

Crown Race Seat Diameter

4

Tables

Table 1 - Press-fit Head-tube Dimensions

SHS	Inside Dia. Range	Reason Depth	OD Recommendation	Legacy Parts
26	25.90 - 25.96	12.5	-	1" Pro
30	30.05 - 30.30	12.5	-	1" Professional
32	32.45 - 32.50	12.5	-	1" Race
34	33.90 - 33.95	12.5	-	1 1/8"
37	36.90 - 36.95	12.5	-	1 1/2"
40	40.10 - 40.10	15	42	1 1/2" Zerolock
44	43.95 - 44.00	15	50	1 1/2" Zero Dash One Point Five
45	43.97 - 44.01	15	40	1 1/2" Zerolock
55	54.90 - 54.95	15	40	1 1/2" Zerolock
56	55.90 - 55.95	15	42	1 1/2" Zerolock

Table 2 - Integrated Head-tube Dimensions

SHS	Inside Dia. Range	Reason Seat Depth	Reason Seat Angle	ID Recommendation	Legacy Parts
1536	38.40 - 38.25	3.1 - 3.2	40°	42	1" Camp Creek IS
1541	41.00 - 41.30	3.1 - 3.2	40°	45	1 1/8" Camp Creek IS
1542	41.95 - 42.05	2.8 - 3.0	40°	46	1 1/8" Hallow IS
1547	41.00 - 41.10	3.4 - 3.5	40°	47	1 1/4" IS
	41.30 - 41.20	3.4 - 3.5	40°	47	1 1/4" Camp Creek IS
1549	41.00 - 41.20	3.4 - 3.5	40°	47	1 1/4" IS
1552	52.85 - 52.15	3.4 - 3.5	40°	56	1.5" IS

Table 3 - Fork Dimensions

Threadless Fork Dimensions				
SHS	Stem Clamp Range	Legacy Name	Legacy Name	
TOP	25.4	25.25 - 25.40	1"	
	28.6	28.45 - 28.60	1 1/8"	
	33.0	31.80 - 31.75	1 1/4"	
	38.1	35.00 - 34.90	1 1/2"	
Threaded Fork Dimensions				
SHS	Stem Clamp Range	Legacy Name	Legacy Name	
TOP	22.2 (24p)	-	English/Italian - juvenile	
	24.8 (20p)	-	French - juvenile	
	24.8 (20p)	-	Chaper (old bars only)	
	25.4 (24p)	22.2	1" Threaded - English, Italian, JIS, BMX, etc.	
	25.5 (24p)	22	1" Threaded - French (old)	
	25.5 (24p)	22	American (old)	
BOTTOM	28.6 (20p)	25.4	1 1/8" Threaded	
	31.8 (20p)	28.6	1 1/4" Threaded	
	36	26.45 - 26.40	1" Professional	
37	23.03 - 23.03	1" Pro		
38	38.05 - 38.05	1 1/8"		
39	33.03 - 33.03	1 1/4"		
40	35.75 - 35.85	1.5"		

Table 4 - Press-Fit Crown Race Seats

SHS	Legacy Name
26	1" Professional
27	1" Pro
30	1 1/8"
33	1 1/4"
40	1.5"

Table 5 - Integrated Crown Race Seats

SHS	Legacy Name
1536	1 1/2" Camp Creek Standard
1540	1 1/2" Hallow Standard
1542	1 1/8"
1547	1 1/4" Camp Creek Standard
1549	1 1/4" Hallow Standard
1552	1.5" Pro

\*The top of the head-tube should be smooth or chamfered.  
 †Professional is legacy name only.  
 ‡Race seat with 1.5" stem clamp.  
 §Race seat with 1.5" stem clamp.  
 ¶Race seat with 1.5" stem clamp.  
 \*\*Race seat with 1.5" stem clamp.  
 \*\*\*Race seat with 1.5" stem clamp.  
 \*\*\*\*Race seat with 1.5" stem clamp.  
 \*\*\*\*\*Race seat with 1.5" stem clamp.