

<b>Chainring Size</b>	<b>45</b>	<b>46</b>	<b>47</b>	<b>45</b>	<b>48</b>	<b>46</b>	<b>49</b>	<b>47</b>
<b>Cog Size</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>17</b>	<b>18</b>	<b>17</b>	<b>18</b>	<b>17</b>
Metric Development	5.30	5.42	5.54	5.61	5.65	5.74	5.77	5.86
English Development	17.40	17.78	18.17	18.42	18.56	18.83	18.94	19.24
Gear Inches	66.45	67.92	69.40	70.36	70.88	71.92	72.35	73.48
<b>Chainring Size</b>	<b>50</b>	<b>45</b>	<b>48</b>	<b>51</b>	<b>46</b>	<b>49</b>	<b>52</b>	<b>47</b>
<b>Cog Size</b>	<b>18</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>16</b>
Metric Development	5.89	5.96	5.99	6.01	6.10	6.11	6.12	6.23
English Development	19.33	19.57	19.65	19.72	20.01	20.06	20.10	20.44
Gear Inches	73.83	74.75	75.05	75.31	76.41	76.61	76.78	78.08
<b>Chainring Size</b>	<b>50</b>	<b>53</b>	<b>45</b>	<b>48</b>	<b>51</b>	<b>52</b>	<b>49</b>	<b>46</b>
<b>Cog Size</b>	<b>17</b>	<b>18</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>17</b>	<b>16</b>	<b>15</b>
Metric Development	6.24	6.24	6.36	6.36	6.36	6.48	6.49	6.50
English Development	20.47	20.49	20.88	20.88	20.88	21.28	21.31	21.34
Gear Inches	78.17	78.26	79.74	79.74	79.74	81.30	81.40	81.51
<b>Chainring Size</b>	<b>53</b>	<b>50</b>	<b>47</b>	<b>51</b>	<b>48</b>	<b>45</b>	<b>52</b>	<b>49</b>
<b>Cog Size</b>	<b>17</b>	<b>16</b>	<b>15</b>	<b>16</b>	<b>15</b>	<b>14</b>	<b>16</b>	<b>15</b>
Metric Development	6.61	6.63	6.64	6.76	6.78	6.81	6.89	6.93
English Development	21.69	21.74	21.80	22.18	22.27	22.37	22.61	22.73
Gear Inches	82.86	83.06	83.28	84.72	85.05	85.43	86.38	86.82
<b>Chainring Size</b>	<b>46</b>	<b>53</b>	<b>50</b>	<b>47</b>	<b>51</b>	<b>48</b>	<b>45</b>	<b>52</b>
<b>Cog Size</b>	<b>14</b>	<b>16</b>	<b>15</b>	<b>14</b>	<b>15</b>	<b>14</b>	<b>13</b>	<b>15</b>
Metric Development	6.97	7.02	7.07	7.12	7.21	7.27	7.34	7.35
English Development	22.86	23.05	23.19	23.36	23.66	23.86	24.09	24.12
Gear Inches	87.33	88.04	88.60	89.23	90.37	91.13	92.00	92.14
<b>Chainring Size</b>	<b>49</b>	<b>53</b>	<b>46</b>	<b>50</b>	<b>47</b>	<b>51</b>	<b>48</b>	<b>52</b>
<b>Cog Size</b>	<b>14</b>	<b>15</b>	<b>13</b>	<b>14</b>	<b>13</b>	<b>14</b>	<b>13</b>	<b>14</b>
Metric Development	7.42	7.49	7.50	7.57	7.66	7.72	7.83	7.87
English Development	24.35	24.59	24.62	24.85	25.16	25.35	25.69	25.85
Gear Inches	93.03	93.91	94.05	94.93	96.09	96.82	98.14	98.72
<b>Chainring Size</b>	<b>45</b>	<b>49</b>	<b>53</b>	<b>46</b>	<b>50</b>	<b>47</b>	<b>51</b>	<b>52</b>
<b>Cog Size</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>12</b>	<b>13</b>	<b>12</b>	<b>13</b>	<b>13</b>
Metric Development	7.95	7.99	8.03	8.13	8.15	8.30	8.32	8.48
English Development	26.09	26.23	26.34	26.67	26.76	27.25	27.30	27.83
Gear Inches	99.67	100.18	100.62	101.89	102.23	104.10	104.27	106.32
<b>Chainring Size</b>	<b>48</b>	<b>53</b>	<b>49</b>	<b>45</b>	<b>50</b>	<b>46</b>	<b>51</b>	<b>47</b>
<b>Cog Size</b>	<b>12</b>	<b>13</b>	<b>12</b>	<b>11</b>	<b>12</b>	<b>11</b>	<b>12</b>	<b>11</b>
Metric Development	8.48	8.64	8.66	8.67	8.83	8.87	9.01	9.06
English Development	27.83	28.37	28.41	28.47	28.99	29.10	29.57	29.73
Gear Inches	106.32	108.36	108.53	108.73	110.75	111.15	112.96	113.56
<b>Chainring Size</b>	<b>52</b>	<b>48</b>	<b>53</b>	<b>49</b>	<b>50</b>	<b>51</b>	<b>52</b>	<b>53</b>
<b>Cog Size</b>	<b>12</b>	<b>11</b>	<b>12</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>
Metric Development	9.19	9.25	9.36	9.44	9.64	9.83	10.02	10.21
English Development	30.15	30.36	30.73	31.00	31.63	32.26	32.89	33.53
Gear Inches	115.18	115.98	117.39	118.40	120.81	123.23	125.65	128.06

\* Development determined using a standard wheel equipped with a 700c x 23 tubular tire inflated to 140 psi on a level asphalt surface, under the load of a 175 lb rider.