



The Rug Formula

78T Spur

	Tire Diameter mm																	
<b>final drive</b>	62.50	61.00	61.50	60.00	59.50	59.00	58.50	58.00	57.50	57.00	56.50	56.00	55.50	55.00	54.50	54.00		<b>pinion</b>
<b>5.20</b>	37.740	36.835	37.137	36.231	35.929	35.627	35.325	35.023	34.721	34.419	34.117	33.815	33.513	33.212	32.910	32.608		<b>30.000</b>
<b>5.38</b>	36.478	35.602	35.894	35.019	34.727	34.435	34.143	33.851	33.559	33.268	32.976	32.684	32.392	32.100	31.809	31.517		<b>29.000</b>
<b>5.57</b>	35.233	34.388	34.670	33.824	33.542	33.260	32.978	32.697	32.415	32.133	31.851	31.569	31.287	31.005	30.724	30.442		<b>28.000</b>
<b>5.78</b>	33.953	33.138	33.410	32.595	32.324	32.052	31.780	31.509	31.237	30.965	30.694	30.422	30.151	29.879	29.607	29.336		<b>27.000</b>
<b>6.00</b>	32.708	31.923	32.185	31.400	31.138	30.877	30.615	30.353	30.092	29.830	29.568	29.307	29.045	28.783	28.522	28.260		<b>26.000</b>
<b>6.24</b>	31.450	30.696	30.947	30.192	29.941	29.689	29.438	29.186	28.934	28.683	28.431	28.179	27.928	27.676	27.425	27.173		<b>25.000</b>
<b>6.50</b>	30.192	29.468	29.709	28.985	28.743	28.502	28.260	28.018	27.777	27.535	27.294	27.052	26.811	26.569	26.328	26.086		<b>24.000</b>
<b>6.78</b>	28.945	28.251	28.482	27.788	27.556	27.324	27.093	26.861	26.630	26.398	26.167	25.935	25.704	25.472	25.240	25.009		<b>23.000</b>
<b>7.09</b>	27.680	27.016	27.237	26.573	26.351	26.130	25.908	25.687	25.465	25.244	25.023	24.801	24.580	24.358	24.137	23.915		<b>22.000</b>
<b>7.43</b>	26.413	25.779	25.991	25.357	25.145	24.934	24.723	24.511	24.300	24.089	23.878	23.666	23.455	23.244	23.032	22.821		<b>21.000</b>
<b>7.80</b>	25.160	24.556	24.758	24.154	23.953	23.751	23.550	23.349	23.147	22.946	22.745	22.544	22.342	22.141	21.940	21.738		<b>20.000</b>
<b>8.21</b>	23.904	23.330	23.521	22.948	22.756	22.565	22.374	22.183	21.991	21.800	21.609	21.418	21.227	21.035	20.844	20.653		<b>19.000</b>
<b>8.67</b>	22.636	22.092	22.273	21.730	21.549	21.368	21.187	21.006	20.825	20.644	20.463	20.281	20.100	19.919	19.738	19.557		<b>18.000</b>
<b>9.18</b>	21.378	20.865	21.036	20.523	20.352	20.181	20.010	19.839	19.668	19.497	19.326	19.155	18.984	18.813	18.642	18.471		<b>17.000</b>
<b>9.75</b>	20.128	19.645	19.806	19.323	19.162	19.001	18.840	18.679	18.518	18.357	18.196	18.035	17.874	17.713	17.552	17.391		<b>16.000</b>

<b>best rollout</b>	Motor Winds
	23 mm = 11 T
	22 mm = 10 T
	21 mm = 9 T
	20 mm = 8 T
	35mm = 19 T
	26mm = Stock

Foam Tires	
Fronts	Rears
Plaid or/pur	pur / dbl pur
Plaid or/dbl pink	dbl pink / pink
45 shore	42 - 37 shore

transmission ratio 2.0:1

Rollout by:



[badboy@5thscale.com](mailto:badboy@5thscale.com)

**Ideal tire size is: Stock 60mm Mod/19t 56mm**

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