

EXTREME-T RATIO CHART

Gear Sets Must Remain in Vertical Columns

Main-Cluster	HEAD SETS							Main-Cluster
	25e20	23e19	24e20	25e21	23e20	22e20	24e22	
35e15	1.8667	1.9275	1.9444	1.9600	2.0290	2.1212	2.1389	35e15
34e15	1.8133	1.8725	1.8889	1.9040	1.9710	2.0606	2.0778	34e15
33e15	1.7600	1.8174	1.8333	1.8480	1.9130	2.0000	2.0167	33e15
32e15	1.7067	1.7623	1.7778	1.7920	1.8551	1.9394	1.9556	32e15
31e15	1.6533	1.7072	1.7222	1.7360	1.7971	1.8788	1.8944	31e15
30e15	1.6000	1.6522	1.6667	1.6800	1.7391	1.8182	1.8333	30e15
29e15	1.5467	1.5971	1.6111	1.6240	1.6812	1.7576	1.7722	29e15
30e16	1.5000	1.5489	1.5625	1.5750	1.6304	1.7045	1.7188	30e16
28e15	1.4933	1.5420	1.5556	1.5680	1.6232	1.6970	1.7111	28e15
29e16	1.4500	1.4973	1.5104	1.5225	1.5761	1.6477	1.6615	29e16
27e15	1.4400	1.4870	1.5000	1.5120	1.5652	1.6364	1.6500	27e15
28e16	1.4000	1.4457	1.4583	1.4700	1.5217	1.5909	1.6042	28e16
26e15	1.3867	1.4319	1.4444	1.4560	1.5072	1.5758	1.5889	26e15
29e17	1.3647	1.4092	1.4216	1.4329	1.4834	1.5508	1.5637	29e17
27e16	1.3500	1.3940	1.4062	1.4175	1.4674	1.5341	1.5469	27e16
28e17	1.3176	1.3606	1.3725	1.3835	1.4322	1.4973	1.5098	28e17
26e16	1.3000	1.3424	1.3542	1.3650	1.4130	1.4773	1.4896	26e16
27e17	1.2706	1.3120	1.3235	1.3341	1.3811	1.4439	1.4559	27e17
25e16	1.2500	1.2908	1.3021	1.3125	1.3587	1.4205	1.4323	25e16
28e18	1.2444	1.2850	1.2963	1.3067	1.3527	1.4141	1.4259	28e18
26e17	1.2235	1.2634	1.2745	1.2847	1.3299	1.3904	1.4020	26e17
27e18	1.2000	1.2391	1.2500	1.2600	1.3043	1.3636	1.3750	27e18
25e17	1.1765	1.2148	1.2255	1.2353	1.2788	1.3369	1.3480	25e17
26e18	1.1556	1.1932	1.2037	1.2133	1.2560	1.3131	1.3241	26e18
27e19	1.1368	1.1739	1.1842	1.1937	1.2357	1.2919	1.3026	27e19
24e17	1.1294	1.1662	1.1765	1.1859	1.2276	1.2834	1.2941	24e17
25e18	1.1111	1.1473	1.1574	1.1667	1.2077	1.2626	1.2731	25e18
26e19	1.0947	1.1304	1.1404	1.1495	1.1899	1.2440	1.2544	26e19
24e18	1.0667	1.1014	1.1111	1.1200	1.1594	1.2121	1.2222	24e18
25e19	1.0526	1.0870	1.0965	1.1053	1.1442	1.1962	1.2061	25e19
26e20	1.0400	1.0739	1.0833	1.0920	1.1304	1.1818	1.1917	26e20
23e18	1.0222	1.0556	1.0648	1.0733	1.1111	1.1616	1.1713	23e18
24e19	1.0105	1.0435	1.0526	1.0611	1.0984	1.1483	1.1579	24e19
25e20	1.0000	1.0326	1.0417	1.0500	1.0870	1.1364	1.1458	25e20
23e19	0.9684	1.0000	1.0088	1.0168	1.0526	1.1005	1.1096	23e19
24e20	0.9600	0.9913	1.0000	1.0080	1.0435	1.0909	1.1000	24e20
25e21	0.9524	0.9834	0.9921	1.0000	1.0352	1.0823	1.0913	25e21
22e19	0.9263	0.9565	0.9649	0.9726	1.0069	1.0526	1.0614	22e19
24e21	0.9143	0.9441	0.9524	0.9600	0.9938	1.0390	1.0476	24e21
22e20	0.8800	0.9087	0.9167	0.9240	0.9565	1.0000	1.0083	22e20
24e22	0.8727	0.9012	0.9091	0.9164	0.9486	0.9917	1.0000	24e22
22e21	0.8381	0.8654	0.8730	0.8800	0.9110	0.9524	0.9603	22e21
22e22	0.8000	0.8261	0.8333	0.8400	0.8696	0.9091	0.9167	22e22
22e23	0.7652	0.7902	0.7971	0.8035	0.8318	0.8696	0.8768	22e23
20e21	0.7619	0.7867	0.7937	0.8000	0.8282	0.8658	0.8730	20e21
20e22	0.7273	0.7510	0.7576	0.7636	0.7905	0.8264	0.8333	20e22
20e23	0.6957	0.7183	0.7246	0.7304	0.7561	0.7905	0.7971	20e23

