



GEAR RATIO CALCULATIONS
 Internal Ratio = 1.8181 : 1
 Final Drive Ratio (FDR) = $\frac{\text{SPUR} \times 1.8181}{\text{PINION}}$
 SPUR = $\frac{\text{FDR} \times \text{PINION}}{1.8181}$
 PINION = $\frac{\text{SPUR} \times 1.8181}{\text{FDR}}$

GEAR RATIO CHART - 48DP Maximum tooth sum = 115
 Minimum tooth sum = 106

	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	
69																					3.39	3.30	3.22	3.14	3.06	2.99	2.92	2.85	2.79	2.73
70																					3.44	3.35	3.26	3.18	3.10	3.03	2.96	2.89	2.83	
71																					3.49	3.40	3.31	3.23	3.15	3.07	3.00	2.93		
72																					3.54	3.44	3.36	3.27	3.19	3.12	3.04			
73																					3.59	3.49	3.40	3.32	3.24	3.16				
74																					3.64	3.54	3.45	3.36	3.28					
75																					3.69	3.59	3.50	3.41						
78																					3.83									
81																														
82																														
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GEAR RATIO CHART - 64DP Maximum tooth sum = 154
 Minimum tooth sum = 142

	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62								
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