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SWORKz SMJ CX11 Gear Ratio Chart - 64DP (Even Spur Gears)

Gear Tooth Size: 64

Diff/Spool Pulley Tooth Count: 38 | Layshaft Pulley Tooth Count: 19 | Internal Transmission Ratio: 2.00 :1 | Usable Pinion + Spur Tooth Sum: 132 to 155

			Spur Gear																				
			74	**76**	**78**	**80**	**82**	**84**	**86**	**88**	**90**	**92**	**94**	**96**	**98**	**100**	**102**	**104**	**106**	**108**	**110**	**112**	**114**
	Diameter (mm)		30.16	30.96	31.75	32.54	33.34	34.13	34.93	35.72	36.51	37.31	38.10	38.89	39.69	40.48	41.28	42.07	42.86	43.66	44.45	45.24	46.04
Pinion Gear	**22**	9.53																			10.00	10.18	10.36
	23	9.92																			9.57	9.74	9.91
	24	10.32																		9.00	9.17	9.33	9.50
	25	10.72																		8.64	8.80	8.96	9.12
	26	11.11																	8.15	8.31	8.46	8.62	8.77
	27	11.51																	7.85	8.00	8.15	8.30	8.44
	28	11.91																7.43	7.57	7.71	7.86	8.00	8.14
	29	12.30																7.17	7.31	7.45	7.59	7.72	7.86
	30	12.70															6.80	6.93	7.07	7.20	7.33	7.47	7.60
	31	13.10															6.58	6.71	6.84	6.97	7.10	7.23	7.35
	32	13.49														6.25	6.38	6.50	6.63	6.75	6.88	7.00	7.13
	33	13.89														6.06	6.18	6.30	6.42	6.55	6.67	6.79	6.91
	34	14.29													5.76	5.88	6.00	6.12	6.24	6.35	6.47	6.59	6.71
	35	14.68													5.60	5.71	5.83	5.94	6.06	6.17	6.29	6.40	6.51
	36	15.08												5.33	5.44	5.56	5.67	5.78	5.89	6.00	6.11	6.22	6.33
	37	15.48												5.19	5.30	5.41	5.51	5.62	5.73	5.84	5.95	6.05	6.16
	38	15.88											4.95	5.05	5.16	5.26	5.37	5.47	5.58	5.68	5.79	5.89	6.00
	39	16.27											4.82	4.92	5.03	5.13	5.23	5.33	5.44	5.54	5.64	5.74	5.85
	40	16.67										4.60	4.70	4.80	4.90	5.00	5.10	5.20	5.30	5.40	5.50	5.60	5.70
	41	17.07										4.49	4.59	4.68	4.78	4.88	4.98	5.07	5.17	5.27	5.37	5.46	5.56
	42	17.46									4.29	4.38	4.48	4.57	4.67	4.76	4.86	4.95	5.05	5.14	5.24	5.33	
	43	17.86									4.19	4.28	4.37	4.47	4.56	4.65	4.74	4.84	4.93	5.02	5.12	5.21	
	44	18.26								4.00	4.09	4.18	4.27	4.36	4.45	4.55	4.64	4.73	4.82	4.91	5.00		
	45	18.65								3.91	4.00	4.09	4.18	4.27	4.36	4.44	4.53	4.62	4.71	4.80	4.89		
	46	19.05							3.74	3.83	3.91	4.00	4.09	4.17	4.26	4.35	4.43	4.52	4.61	4.70			
	47	19.45							3.66	3.74	3.83	3.91	4.00	4.09	4.17	4.26	4.34	4.43	4.51	4.60			
	48	19.84						3.50	3.58	3.67	3.75	3.83	3.92	4.00	4.08	4.17	4.25	4.33	4.42				
	49	20.24						3.43	3.51	3.59	3.67	3.76	3.84	3.92	4.00	4.08	4.16	4.24	4.33				
	50	20.64					3.28	3.36	3.44	3.52	3.60	3.68	3.76	3.84	3.92	4.00	4.08	4.16					
	51	21.03					3.22	3.29	3.37	3.45	3.53	3.61	3.69	3.76	3.84	3.92	4.00	4.08					
	52	21.43				3.08	3.15	3.23	3.31	3.38	3.46	3.54	3.62	3.69	3.77	3.85	3.92						
	53	21.83				3.02	3.09	3.17	3.25	3.32	3.40	3.47	3.55	3.62	3.70	3.77	3.85						
	54	22.23			2.89	2.96	3.04	3.11	3.19	3.26	3.33	3.41	3.48	3.56	3.63	3.70							