



Slot Car Corner - Slot.It Gear Ratio Chart (December 11th, 2011)

Inline	5.5mm	Pinion	Inline Crown Gear							Ratio	Lower	Higher	
		Bronze - Standard	SIGI23-Bz	SIGI24-Bz	SIGI25-Bz	SIGI26-Bz	SIGI27-Bz	SIGI28-Bz	SIGI29-Bz	SIGI30-Bz	Braking	Less	More
		Aluminum - Standard	SIGI23-Al	SIGI24-Al	SIGI25-Al	SIGI26-Al	SIGI27-Al	SIGI28-Al	SIGI29-Al	SIGI30-Al	Acceleration	Less	More
		Bronze - Offset	SIGO23-Bz	SIGO24-Bz	SIGO25-Bz	SIGO26-Bz	SIGO27-Bz	SIGO28-Bz	SIGO29-Bz	SIGO30-Bz	Top Speed	More	Less
		Aluminum - Offset	SIGO23-Al	SIGO24-Al	SIGO25-Al	SIGO26-Al	SIGO27-Al	SIGO28-Al	SIGO29-Al	SIGO30-Al			
			23	24	25	26	27	28	29	30			
	SIP108	8	2.88	3.00	3.13	3.25	3.38	3.50	3.63	3.75			
	SIP109	9	2.56	2.67	2.78	2.89	3.00	3.11	3.22	3.33			
	SIP110	10	2.30	2.40	2.50	2.60	2.70	2.80	2.90	3.00			
	SIP111	11	2.09	2.18	2.27	2.36	2.45	2.55	2.64	2.73			

Inline setups use SICH13/13b/70 motor mounts (SICH22/24/24b for offset setups).

Sidewinder	5.5mm	Pinion	Sidewinder Spur Gear - 18mm				Sidewinder Spur Gear - 19mm					
		Plastic	SIGS1832-PI									
		Ergal	SIGS04		SIGS05		SIGS06					
		Lightened Ergal	SIGS1831	SIGS1832	SIGS1833	SIGS1834	SIGS1835	SIGS1836	SIGS1934	SIGS1936	SIGS1938	
			31	32	33	34	35	36	34	36	38	
	SIP108	8						4.25	4.50	4.75		
	SIP109	9						3.78	4.00	4.22		
	SIP110	10						3.40	3.60	3.80		
	SIP111	11						3.09	3.27	3.45		
	SIPS10	10	3.10	3.20	3.30	3.40	3.50	3.60	3.40	3.60	3.80	
	SIPS11	11	2.82	2.91	3.00	3.09	3.18	3.27	3.09	3.27	3.45	
	SIPS12	12	2.58	2.67	2.75	2.83	2.92	3.00	2.83	3.00	3.17	
	SIPS13	13	2.38	2.46	2.54	2.62	2.69	2.77	2.62	2.77	2.92	

18mm spur gears require 6.5mm pinions. Motor mounts SICH19/25/40/44 can be used.

19mm spur gears must use 5.5mm pinions with motor mounts SICH19/25/40/44 and 6.5mm pinions with other motor mounts (eg. SICH03).

Offset motor mounts are SICH62/63/64/68/69.

Anglewinder	6.5mm	Pinion	Anglewinder Gear						Anglewinder Long Hub Crown				
		Plastic	SIGA1626-PI SIGA1627-PI SIGA1628-PI SIGA1629-PI SIGA1630-PI										
		Ergal	SIGA26	SIGA27	SIGA28	SIGA29	SIGA30	SIGA32	SIGA34	SIGA36	SIGA24LH	SIGA25LH	SIGA26LH
		Lightened Ergal	SIGA1626e	SIGA1627e	SIGA1628e	SIGA1629e	SIGA1630e	SIGA1632e			24	25	26
			26	27	28	29	30	32	34	36			
	SIPS10	10	2.60	2.70	2.80	2.90	3.00	3.20	3.40	3.60			
	SIPS11	11	2.36	2.45	2.55	2.64	2.73	2.91	3.09	3.27			
	SIPS12	12	2.17	2.25	2.33	2.42	2.50	2.67	2.83	3.00			
	SIPS13	13	2.00	2.08	2.15	2.23	2.31	2.46	2.62	2.77			
	SIP16711o	11								2.18	2.27	2.36	
	SIP16712o	12								2.00	2.08	2.17	

Anglewinder setups require SICH29/30 motor mounts (SICH60/61 for offset setups).