Slot Car Corner L.L.C.

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Slot Car Corner - Slot.It Gear Ratio Chart (April 21, 2017)

Inline

	Pinion		Inline Crown Gear							
	Bronze - Standard		SIGI23-Bz	SIGI24-Bz	SIGI25-Bz	SIGI26-Bz	SIGI27-Bz	SIGI28-Bz	SIGI29-Bz	SIGI30-Bz
	Aluminum - Standard		SIGI23-Al	SIGI24-Al	SIGI25-Al	SIGI26-Al	SIGI27-Al	SIGI28-Al	SIGI29-Al	SIGI30-Al
	Bronze - Offset		SIGO23-Bz	SIGO24-Bz	SIGO25-Bz	SIGO26-Bz	SIGO27-Bz	SIGO28-Bz	SIGO29-Bz	SIGO30-Bz
	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
5.5mm	SIPI08	8	287.50	300.00	312.50	325.00	337.50	350.00	362.50	375.00
5.5mm	SIPI09	9	255.56	266.67	277.78	288.89	300.00	311.11	322.22	333.33
5.5mm	SIPI10	10	230.00	240.00	250.00	260.00	270.00	280.00	290.00	300.00
5.5mm	SIPI11	11	209.09	218.18	227.27	236.36	245.45	254.55	263.64	272.73
5.5mm	SIPI559o15	9	255.56	266.67	277.78	288.89	300.00	311.11	322.22	333.33
5.5mm	SIPI5510o15	10	230.00	240.00	250.00	260.00	270.00	280.00	290.00	300.00

Ratio	Lower	Higher
Braking	Less	More
Acceleration	Less	More
Top Speed	More	Less

Sidewinder

	Pinion		Sidewinder Spur Gear - 18mm						Sidewinder Spur Gear - 19mm		
	Aluminium + Plastic			SIGS1832-Pl							
	Lightened Ergal		SIGS1831	SIGS1832	SIGS1833	SIGS1834	SIGS1835	SIGS1836	SIGS1934	SIGS1936	SIGS1938
			31	32	33	34	35	36	34	36	38
5.5mm	SIPI08	8							425.00	450.00	475.00
5.5mm	SIPI09	9							377.78	400.00	422.22
5.5mm	SIPI10	10							340.00	360.00	380.00
5.5mm	SIPI11	11							309.09	327.27	345.45
6mm	SIPI6010o	10	310.00	320.00	330.00	340.00	350.00	360.00	340.00	360.00	380.00
6mm	SIPI6011o	11	281.82	290.91	300.00	309.09	318.18	327.27	309.09	327.27	345.45
6.5mm	SIPS10	10	310.00	320.00	330.00	340.00	350.00	360.00	340.00	360.00	380.00
6.5mm	SIPS11	11	281.82	290.91	300.00	309.09	318.18	327.27	309.09	327.27	345.45
6.5mm	SIPS12	12	258.33	266.67	275.00	283.33	291.67	300.00	283.33	300.00	316.67
6.5mm	SIPS13	13	238.46	246.15	253.85	261.54	269.23	276.92	261.54	276.92	292.31

Anglewinder

	Pinion		Anglewinder Gear													Anglewinder Long Hub Gear		
	Aluminium + Plastic		SIGA1524-Pl	SIGA1525-Pl	SIGA1526-Pl													
	Aluminium + Plastic				SIGA1626-Pl	SIGA1627-Pl	SIGA1628-Pl	SIGA1629-Pl	SIGA1630-Pl							SIGA24LH	SIGA25LH	SIGA26LH
	Lightened Ergal				SIGA1626e	SIGA1627e	SIGA1628e	SIGA1629e	SIGA1630e	SIGA1831e	SIGA1832e	SIGA1833e	SIGA1834e	SIGA1835e	SIGA1836e			
			24	25	26	27	28	29	30	31	32	33	34	35	36	24	25	26
6.5mm	SIPS10/PI6510e	10	240.00	250.00	260.00	270.00	280.00	290.00	300.00	310.00	320.00	330.00	340.00	350.00	360.00			
6.5mm	SIPS11/PI6511e	11	218.18	227.27	236.36	245.45	254.55	263.64	272.73	281.82	290.91	300.00	309.09	318.18	327.27			
6.5mm	SIPS12/PI6512e	12	200.00	208.33	216.67	225.00	233.33	241.67	250.00	258.33	266.67	275.00	283.33	291.67	300.00			
6.5mm	SIPS13/PI6513e	13	184.62	192.31	200.00	207.69	215.38	223.08	230.77	238.46	246.15	253.85	261.54	269.23	276.92			
6.75	SIPI6711o	11														218.18	227.27	236.36
6.75	SIPI6712o	12														200.00	208.33	216.67
7mm	SIPI7012e	12	200.00	208.33	216.67													
7mm	SIPI7013e	13	184.62	192.31	200.00													
7mm	SIPI7014e	14	171.43	178.57	185.71													

Notes

Inline
Inline gears use 5.5mm pinions for SICH13b/48/70/110 motor mounts and SICH34b/109 starter kits (SICH24b/49 motor mounts for offset setups).

Sidewinder
18mm spur gears use 6.5mm pinions. Motor mounts SICH62/67 can be used, as well as SIKK12b/13b conversion kits and SICH31c/33b starter kits.

19mm spur gears use 5.5mm pinions with motor mounts SICH62/67, 6.0mm pinions with motor mounts SICH62/64/65/67/68/69 and 6.5mm pinions with motor mount SICH03b.

Anglewinder
Anglewinder gears use 6.5mm pinions with motor mounts SICH29/60b/61/74/75/76/82, as well as SICH32b/35 starter kits and SIKK10b/11 conversion kits.

Anglewinder long hub gears use 6.75mm pinions with motor mounts SICH29/60b/61/74/75/76/82.

15mm anglewinder gears use 6.5mm pinions with a 1mm (0.050") spacer, and can be used with SIKK14c/16 conversion kits.