

R & I INSTRUMENT AND GEAR CO. (AUST) PTY LTD

(A.B.N. 62 089 337 833)

ADDRESS : 385 - 393 LOWER DANDENONG ROAD, DINGLEY, VIC. 3172

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DATE : 10 / 2007

MOD 0.5 STOCK GEARS - SOLAR CAR CHALLENGE

PINION & GEAR SETS - PACKAGED (PRICE PER SET)

CODE	TEETH	FACE WIDTH	BORE	BOSS	OAL	PCD	O.D. INCH	MM	Price (ex GST)
PINION SET A									\$ 40.00
SCM050-009-BR	9	6.0	2.0	Y	12.0	5.0	.236	6.0	
SCM050-010-BR	10	6.0	2.0	Y	12.0	5.0	.236	6.0	
SCM050-011-BR	11	6.0	2.0	Y	12.0	5.5	.256	6.5	
SCM050-012-BR	12	6.0	2.0	Y	12.0	6.0	.275	7.0	
SCM050-013-BR	13	6.0	2.0	Y	12.0	6.5	.295	7.5	
PINION SET B									\$ 33.00
SCM050-014-BR	14	6.0	2.0	Y	12.0	7.0	.315	8.0	
SCM050-015-BR	15	6.0	2.0	Y	12.0	7.5	.334	8.5	
SCM050-016-BR	16	6.0	2.0	Y	12.0	8.0	.354	9.0	
SCM050-018-BR	18	6.0	2.0	Y	12.0	9.0	.394	10.0	
PINION SET C									\$ 38.00
SCM050-010-BR	10	6.0	2.0	Y	12.0	5.0	.236	6.0	
SCM050-012-BR	12	6.0	2.0	Y	12.0	6.0	.275	7.0	
SCM050-014-BR	14	6.0	2.0	Y	12.0	7.0	.315	8.0	
SCM050-016-BR	16	6.0	2.0	Y	12.0	8.0	.354	9.0	
SCM050-018-BR	18	6.0	3.0	Y	12.0	9.0	.394	10.0	
GEAR SET A									\$ 35.00
SCM050-060-PL	60	3.0	6.0	Y	7.0	30.0	1.220	31.0	
SCM050-075-PL	75	3.0	6.0	Y	7.0	37.5	1.516	38.5	
SCM050-090-PL	90	3.0	6.0	Y	7.0	45.0	1.772	45.5	
SCM050-100-PL	100	3.0	6.0	Y	7.0	50.0	2.008	51.0	
GEAR SET B									\$ 42.00
SCM050-050-PL	50	3.0	6.0	Y	7.0	25.0	1.024	26.0	
SCM050-060-PL	60	3.0	6.0	Y	7.0	30.0	1.220	31.0	
SCM050-080-PL	80	3.0	6.0	Y	7.0	40.0	1.614	41.0	
SCM050-090-PL	90	3.0	6.0	Y	7.0	45.0	1.772	45.5	
SCM050-100-PL	100	3.0	6.0	Y	7.0	50.0	2.008	51.0	

NOTE : ALL THESE ARE MACHINE CUT GEARS.

THE 9 TOOTH PINION HAS HAD ITS DIAMETER INCREASED FOR ADDED STRENGTH
DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

MINIATURE BEARINGS, SHAFTING AND FASTENERS ARE ALSO AVAILABLE

PRICES SHOWN DO NOT INCLUDE GST - (10%)

PRICES ARE FOR PURCHASES OF SETS AS INDICATED

FACSIMILE MESSAGE

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Phone 03 9551 0956

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Email : info@rigear.com.au

TO DATE 16/08/2008

email

QUOTE

Fax

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Attention

Reference Your request for Quotation

Dear

Thank you for the opportunity to quote, in response we are pleased to submit the following
These prices will apply assuming all parts in the kit are purchased, otherwise list price will apply

Item	Drawing	Rev	Description	Sets	Qty	Price	Unit	
				1	per set	each		
FRONT AXLE ASSEMBLY (NON DRIVE AXLE):								
Qty	Item	Part / Drawing / Description	Part / Drawing		Qty/set	Price	Unit	
1	Wheels - machined with radius		SCCW-RAD	1	2	\$14.90	each	\$29.80
2	Bearings		SMF 106ZZ	1	4	\$5.40	each	\$21.60
3	Retaining bush - 6mm bore		SCCRB06	1	5	\$2.12	each	\$10.60
4	Axle - 6mm silver steel, 320mm long			1	1	\$6.50	each	\$6.50
								\$68.50
REAR AXLE ASSEMBLY (DRIVE AXLE):								
1	Wheels - machined with radius		SCCW-RAD	1	1	\$14.90	each	\$14.90
2	Wheel (drive) - machined to suit "O" ring		SCCW-OR	1	1	\$16.50	each	\$16.50
3	Bearings		SMF 106ZZ	1	4	\$5.40	each	\$21.60
4	Gear, 100 tooth, Acetal, Black		SCCMO50-100-B	1	1	\$12.80	each	\$12.80
5	Pinion gear (to your selection)	10 Teeth	SCM050-0**	1	1	\$9.00	each	\$9.00
		14 teeth	SCM050-0**	1	1	\$9.00	each	\$9.00
6	Retaining bush - 6mm bore		SCCRB06	1	4	\$2.12	each	\$8.48
7	Socket head cap sc M3 x 25mm long (rear axle anti rotation)		M3 x 25mm long	1	1	\$0.44	each	\$0.44
8	Screw M3 by 12mm, csk + nuts and washers (gear to drive wheel)			1	2	\$0.38	each	\$0.76
9	Axle - 6mm silver steel, 320mm long			1	1	\$6.50	each	\$6.50
								\$99.98
MOTOR MOUNT ASSEMBLY								
10	Motor mount plate		SCCMMP	1	1	\$6.80	each	\$6.80
11	Motor mount flange		SCCMMF	1	1	\$8.96	each	\$8.96
12	Motor mounting screws M2 by 5mm long Csk Hd			1	6	\$0.42	each	\$2.52
13	M3 by 8mm long Skt Hd Cap Screw + washers (flange to mount plate fastening)			1	2	\$0.30	each	\$0.60
								\$18.88

GUIDE ROLLER ASSEMBLY

1 Guide rollers	SCCGR-25	1	4	\$1.95	each	\$7.80
2 Bearings	SMF 106ZZ	1	8	\$5.40	each	\$43.20
3 Sleeve Guide roller	SCCSL06	1	8	\$0.96	each	\$7.68
4 M3 washers 2 fitted between bearings (to hold sleeves apart so no end load is carried on bearings due to retaining screw)		1	8	\$0.08	each	\$0.64
5 Stand off (18mm long)	SCCGRSO	1	4	\$3.85	each	\$15.40
6 Large top washer 12mm Dia.STAND OFF WASHERS		1	4	\$0.25	each	\$1.00
7 M3 x __ mm C/sk screw (eg. M3 x 40 mm) with nuts and washers (to secure assy to chassis) Length to suit your chassis thickness (as advised by you)		1	4	\$0.53	each	\$2.12

\$77.84

Sub Total (ex GST) \$265.20

4	Delivery Express Post / Couriers Please (Optional)		1	\$10.00	each	\$10.00
				Total (ex GST)		\$275.20

Other components available:

1	Screws M2 by 12mm long + nuts and washers	1	8	\$0.65	each	\$5.20
2	Hex Key, 1.5 mm	1	1	\$1.05	each	\$1.05
3	Note : Wheel blanks are available that are not machined	1	4	\$5.45	each	\$21.80

Components from other suppliers (NOT available from R & I)

*	Solar Panel SOLAREX SX-10 plus plastic edging as required (NEED TO STRIP ALUMINIUM EDGING OFF PANEL TO REDUCE WEIGHT)		1			
*	Velcro for panel attachment to body self adhesive		700 mm			
*	Corflute for body 450 by 600		2			
*	Double sided tape as required					
*	Switch (plus wire as required)		1			
*	Electronics ENGELEC Max 4		1			
*	Faulhaber 2232 or ERNI Australia		1			
*	Plastic chassis PVC ,110mm by 490mm by 3.0 mm		1			
*	Saddles axle mounting 6mm cable clips		8			

**** Tax **** *** 10% GST *** is applicable and is not included

DELIVERY working days / weeks from receipt of order
working days / weeks from receipt of order

PRICES ex-works Dingley No allowance for finish coatings unless noted

PAYMENT Strictly Nett 30 days from Invoice to Credit Account holders otherwise

CREDIT Strictly **payment on collection or prior to delivery. EFT details can be provided**
Credit card transactions via VISA / Mastercard (Surcharge - min \$ 3.90 or 2% of total)

CONDITIONS R & I standard Terms & Conditions apply

VALIDITY 60 Days

Best regards

Andrew Rowell