

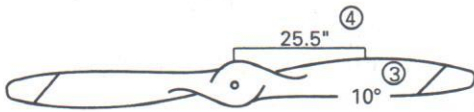
RECOMMENDED RPM/ PROPELLER COMBINATIONS

	GND. MAX	CLIMB FULL LOAD & THROTTLE	MAX RPM
377/447	6350	6500	6800
503	6200	6350	6800
532	6200	6600	6800
582	6200	6600	6800
912	5300	5500	5800

Dual carb engine the max RPM is 6800

(2)

This chart is used to help set the pitch on a GSC ground adjustable two or three blade propeller when first installing it on your plane. If you have a 68" diameter propeller and want to set the pitch to 28", then go to the intersection of these two references (1 & 2). The pitch should be set at 10° (3). This is measured 25.5" (4) from the center of the hub. The setting at full power on the ground should give 6200 RPM on a Rotax 532. If it is different, then the pitch on the propeller must be changed (increased or decreased) to get the recommended 6200 RPM.



ADJUSTING THE GSC PROPELLER DIAMETER (INCHES)

	29 TO 32	33 TO 36	37 TO 40	41 TO 44	45 TO 48	49 TO 52	53 TO 56	57 TO 60	61 TO 64	65 TO 68 ^①	69 TO 72
10	7.5	6.75	6	5.5	5	4.75	4.25	4	3.75	3.5	3.25
12	9	8	7.25	6.5	6	5.5	5.25	4.75	4.5	4.25	4
14	10.5	9.5	8.5	7.75	7	6.5	6	5.5	5.25	5	4.75
16	12	10.75	9.75	8.75	8	7.5	7	6.5	6	5.75	5.25
18	13.25	12	10.75	9.75	9	8.25	7.75	7.25	6.75	6.5	6
20	15	13.25	12	11	10	9.25	8.5	8	7.5	7	6.75
22	16.25	14.5	13.25	12	11	10.25	9.5	8.75	8.25	7.75	7.25
24	17.75	15.75	14.25	13	12	11	10.25	9.75	9	8.5	8
P 26	19	17	15.5	14	13	12	11.25	10.5	9.75	9.25	8.75
I 28	20.5	18.25	16.5	15	14	12.75	12	11.25	10.5	10 ^③	9.5
T 30	21.75	19.5	17.5	16.25	14.75	13.75	12.75	12	11.25	10.5	10
C 32	23	20.75	18.75	17.25	15.75	14.5	13.5	12.75	12	11.25	10.75
H 34	24.25	21.75	19.75	18.25	16.75	15.5	14.5	13.5	12.75	12	11.25
36	25.5	23	21	19.25	17.75	16.25	15.25	14.25	13.5	12.75	12
I 38	26.75	24.25	22	20.25	18.5	17.25	16	15	14	13.25	12.5
N 40	28	25.25	23	21	19.5	18	16.75	15.75	14.75	14	13.25
42	29	26.25	24	22	20.5	19	17.75	16.5	15.5	14.75	14
I 44	30.25	27.5	25	23	21.25	19.75	18.5	17.25	16.25	15.25	14.5
N 46		28.5	26	24	22.25	20.5	19.25	18	17	16	15.25
C 48		29.5	27	24.75	23	21.5	20	18.75	17.75	16.75	15.75
H 50		30.5	28	25.75	23.75	22.25	20.75	19.5	18.25	17.25	16.25
E 52			29	26.25	24.75	23	21.5	20.25	19	18	17
S 54				27.5	25.5	23.75	22.25	21	19.75	18.75	17.75
56				28.25	26.25	24.5	23	21.5	20.5	19.25	18.25
58				29.25	27.25	25.25	23.75	22.25	21	20	19
60				30	28	26	24.5	23	21.75	20.5	19.5
62				31	28.75	26.75	25.25	23.75	22.25	21.25	20
64					29.58	27.5	25.75	24.25	23	21.75	20.75
66					30.25	28.25	26.5	25	23.75	22.5	21.25
68					31	29	27.25	25.75	24.25	23	21.75
	12	13.5	15	16.5	18	19.5	21	22.5	24	25.5	27

DEGREES

DISTANCE FROM CENTER (INCHES)

RECOMMENDED ROTAX ENGINE PROP COMBINATION LIST

Notes: Gear Box Tractors are all left hand, all Pushers are right hand.
Belt Redrive Pushers are all left hand, all Tractors are right hand.

ENGINE TYPE	2 - BLADE PROPELLERS			
	REDUCTION 2.00:1 DIA/PITCH INCHES	REDUCTION 2.24:1 DIA/PITCH INCHES	REDUCTION 2.58:1 DIA/PITCH INCHES	REDUCTION 3.00:1 DIA/PITCH INCHES
277	44 X 34	46 X 36	56 X 32	64 X 32
	46 X 32	48 X 34	58 X 30	66 X 30
	48 X 30	50 X 32	60 X 28	68 X 28
	50 X 28	52 X 30	62 X 26	70 X 26
	52 X 26	54 X 28		
377	48 X 34	52 X 34	58 X 36	64 X 38
	50 X 32	54 X 32	60 X 34	66 X 36
	52 X 30	56 X 30	62 X 32	68 X 34
	54 X 28	58 X 28	64 X 30	70 X 32
	56 X 26	60 X 26	66 X 28	72 X 30
447	48 X 36	52 X 38	58 X 40	66 X 40
	50 X 34	54 X 36	60 X 38	70 X 36
	52 X 32	58 X 32	62 X 36	72 X 34
	54 X 30	60 X 30		
	56 X 28	62 X 28		
503	48 X 40	54 X 38	60 X 42	66 X 44
	50 X 38	56 X 36	62 X 38	68 X 42
	52 X 36	58 X 34	64 X 36	70 X 40
	54 X 34	60 X 32	66 X 33	72 X 38
	56 X 32	62 X 30	68 X 31	

ENGINE TYPE	3 - BLADE PROPELLERS			
	REDUCTION 2.00:1 DIA/PITCH INCHES	REDUCTION 2.24:1 DIA/PITCH INCHES	REDUCTION 2.58:1 DIA/PITCH INCHES	REDUCTION 3.00:1 DIA/PITCH INCHES
277	44 X 24	42 X 30	44 X 34	48 X 38
		44 X 28	46 X 32	50 X 36
		46 X 26	48 X 30	52 X 34
		48 X 24	50 X 28	54 X 32
			52 X 26	56 X 30
377	42 X 30	42 X 34	44 X 40	54 X 38
	44 X 28	44 X 32	46 X 38	56 X 36
	46 X 26	46 X 30	48 X 36	58 X 34
	48 X 24	48 X 28	50 X 34	60 X 32
		50 X 26	52 X 32	62 X 30
447	42 X 32	44 X 36	48 X 40	56 X 40
	44 X 30	46 X 34	50 X 38	58 X 38
	46 X 28	48 X 32	52 X 36	60 X 36
503	42 X 36	44 X 40	50 X 42	56 X 44
	44 X 34	46 X 38	52 X 40	58 X 42
	46 X 32	48 X 36	54 X 38	60 X 40
	48 X 30	50 X 34	56 X 36	62 X 38
	50 X 28	52 X 32	58 X 34	64 X 36
	52 X 26	54 X 30	60 X 32	66 X 34
	54 X 24	56 X 28	62 X 30	68 X 32
			64 X 28	

ENGINE TYPE	2 - BLADE PROPELLERS			
	REDUCTION 2.00:1 DIA/PITCH INCHES	REDUCTION 2.24:1 DIA/PITCH INCHES	REDUCTION 2.58:1 DIA/PITCH INCHES	REDUCTION 3.00:1 DIA/PITCH INCHES
503/2V	SAME AS 503 - TURNS AT HIGHER RPM			
532 and 582	54 X 40	60 X 40	64 X 42	68 X 46
	56 X 38	62 X 38	66 X 40	70 X 44
	58 X 36	64 X 36	68 X 38	72 X 42
	60 X 34	68 X 32	72 X 34	
	64 X 30	70 X 30		

ENGINE TYPE	3 - BLADE PROPELLERS			
	REDUCTION 2.00:1 DIA/PITCH INCHES	REDUCTION 2.24:1 DIA/PITCH INCHES	REDUCTION 2.58:1 DIA/PITCH INCHES	REDUCTION 3.00:1 DIA/PITCH INCHES
503/2V	SAME AS 503 - TURNS AT HIGHER RPM			
532 and 582	44 X 40	50 X 40	52 X 48	62 X 42
	46 X 38	52 X 38	54 X 46	64 X 40
	48 X 36	54 X 36	56 X 44	66 X 38
	50 X 34	56 X 34	58 X 42	68 X 36
	52 X 32	58 X 32	60 X 40	70 X 34
	54 X 30	60 X 30	62 X 36	72 X 32
	56 X 28		64 X 34	
			66 X 32	
			68 X 30	
			60 X 38 (GYRO)	