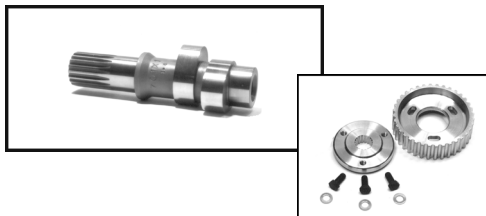


## ROYAL ENFIELD

Hardfaced on customer core.

CAM NUMBER	CAM LIFT	DURATION AT .040"	LOBE CENTERS	DESCRIPTION AND APPLICATION	INTAKE OPEN/CLOSE EXHAUST OPEN/CLOSE	RUNNING CLEARANCE
550-x1	.355"	264°	107°	Race profile.	25 btc/59 abc	.006"
	.355"	264°	111°		63 bbc/21 atc	.008"
591-x1				Reproduction of BSA profile 65-2442.		

## ROTAX, CAN-AM, KTM, 500, 560, 600 (1983—1990)

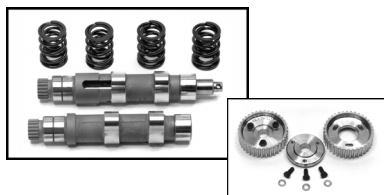


New billet cam, no exchange needed.  
 #70111 broach and mark customer gear.  
 #601-R R/D Spring kit (1010) with **titanium tops**.  
 #601-RW R/D Spring kit (1006) with **titanium tops**.  
 #1010-4 R/D replacement springs for 601-R.  
 701-15 adjustable cam sprocket assembly.

Our adjustable cam pulley allows quick and accurate cam timing changes. Part #70115.  
 New manufactured item no exchange needed.

CAM NUMBER	VALVE LIFT	DURATION AT .040"	LOBE CENTERS	DESCRIPTION AND APPLICATION	INTAKE OPEN/CLOSE EXHAUST OPEN/CLOSE	RUNNING CLEARANCE
701-x1	.348"	260°	108°	OK with stock piston and springs. Good low-end and strong mid-range. Check clearances.	22 btc/58 abc	.003"
	.348"	260°	108°		58 bbc/22 atc	.005"
701-x2	.375"	295°	104.5°	Use racing springs and piston. Fast TT, dry trails and desert riding. Mid-range, top-end	43 btc/72 abc	.003"
	.375"	285°	104.5°		67 bbc/38 atc	.005"
701-x5	.450"	264°	110°	Use racing springs and piston. Best ½ mile and mile cam for 500/560's. Good for TT's if straightaways are long and fast. Good top-end.	22 btc/62 abc	.005"
	.450"	264°	110°		62 bbc/22 atc	.007"
TDC lift	.114"					
701-x6	.450"	264°	108°	BEST CAM FOR 500 CC ½ MILE & TT Strong mid-range. Use racing piston and springs.	24 btc/60 abc	.005"
	.450"	264°	108°		60 bbc/24 atc	.007"
TDC lift	.122"					
701-x10	.420"	278°	110°	600cc full race/mile cam for competition. Use racing springs and piston. Mid-range and maximum top-end from the 600cc engine.	29 btc/69 abc	.006"
	.405"	274°	110°		67 bbc/27 atc	.007"
701-x11	.420"	278°	106°	Best all around profile for 560/600's combination ½ mile, mile and TT bikes. Use racing springs and piston. Roll-on power.	33 btc/65 abc	.006"
	.405"	274°	106°		63 bbc/31 atc	.008"
701-x16	.450"	290°	106°	FULL RACE PROFILE. Road race and mile tracks. Mid-range and top-end. Use racing piston & springs.	39 btc/71 abc	.007"
	.425"	282°	110°		71 bbc/39 atc	.009"
701-x20	.450"	290°	102.5°	FULL RACE PROFILE. Modified version of 701-x16. Better mid-range power. Use racing pistons and springs.	42½ btc/67½ abc	.007"
	.425"	282°	102.5°		63½ bbc/38½ atc	.009"
Woods 860	.420"	.290°	101°	Woods 860 for reference.	44 btc/66 abc	
	.422"	.292°	106°		72 bbc/40 atc	

## ROTAX 600 DOHC (1992—1993) water cooled



Hardfaced on customer core, per pair.  
 #703-11 adjustable cam sprockets, per pair.

703-x1	.420"	286°	106°	Road race or Mile dirt track. top end power for all-out racing with high compression pistons and racing springs. Must use SHIM UNDER BUCKET.	37 btc/69 abc	.007"
	.420"	286°	110°		73 bbc/33 atc	.009"
703-x2	.417"	268°	105°	Strong mid-range power, with moderate top end increase. Use HIGH performance pistons and valve springs. Shim on top OK with this cam.	29 btc/59 abc	.007"
	.417"	268°	105°		52 bbc/29 atc	.009"
Stock	.390"	250°		Stock cam for your reference.		
	.390"	250°				