

Close Ratio 3rd-6th gearset for Cayman GT4

Holinger's new gearset for the 981 GT4 is specially developed for the ambitious track day driver.

The optimized ratios keep the engine in the power-band by reducing the rpm drop between shifts and improve the top speeds to suit track conditions.



Holinger PG81 Gearset Features:

- Ratios optimized for fast road, track day, and racing use.
- Reinforced gears are made from superior VAR nickel alloy with strength-focused tooth profiles.
- New gears are direct replacements and require no gearbox modifications.
- Synchro dog-rings are splined to the gear - this prevents ring-detachment failure that has been known to occur in standard GT4 gearboxes (see close-up image below).
- All gear teeth are profile-ground after heat treatment, ensuring the most accurate engagement and tooth finish - resulting in quiet, more efficient running.

Comparison Chart with speeds in gears 1-6:

Stock:

	PINION	GEAR	TOTAL TEETH	RATIO	DROP rpm	M.P.H.
1ST	13	43	56	3.308		48.63
2ND	20	39	59	1.950	3202	82.49
3RD	26	38	64	1.462	1954	110.06
4TH	30	34	64	1.133	1752	141.93
5TH	40	38	78	0.950	1262	169.32
6TH	44	37	81	0.841	896	191.29



Holinger Close Ratio:

	PINION	GEAR	TOTAL TEETH	RATIO	DROP rpm	M.P.H.
1ST	13	43	56	3.308		48.63
2ND	20	39	59	1.950	3202	82.49
3RD	22	35	57	1.591	1436	101.11
4TH	25	33	58	1.320	1328	121.86
5TH	27	30	57	1.111	1234	144.77
6TH	30	28	58	0.933	1248	172.35



PG81K1 Porsche Cayman GT4 6MT 3rd-6th helical synchro gearset

