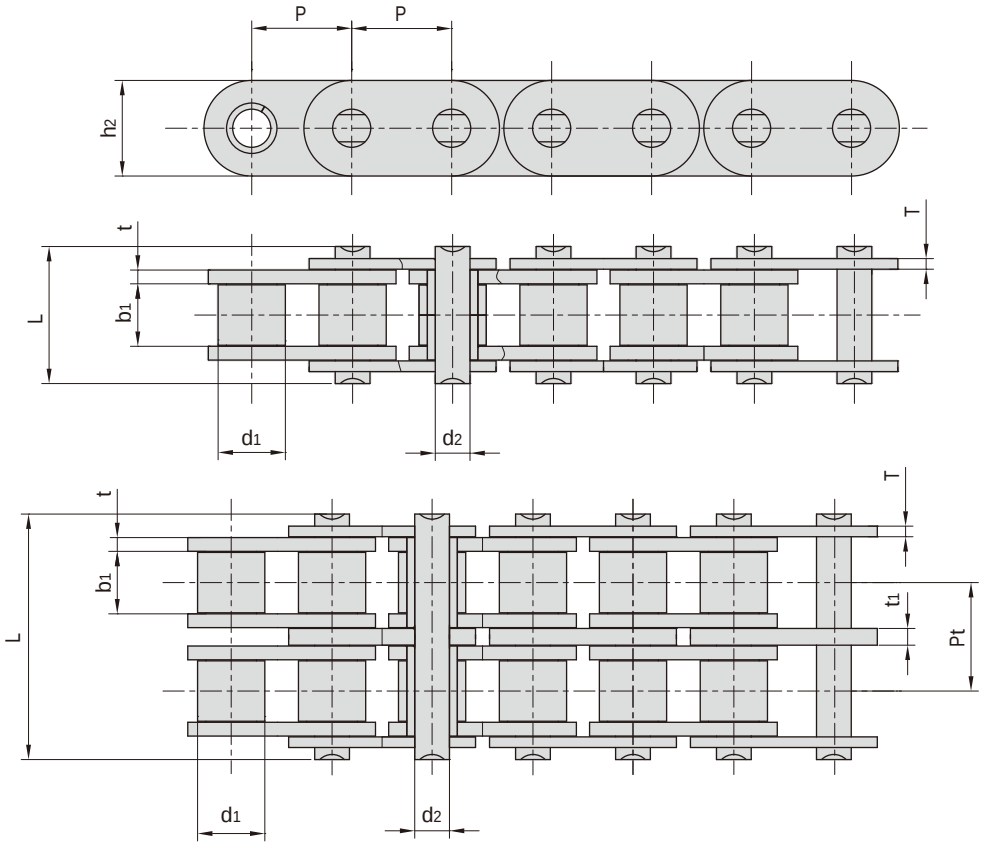
Automobile Engine Timing Roller Chain

Roller chain for engine timing is mainly used for automobile engine timing system, oil pump, balance shaft and common rail pump drive system etc.. This chain is the key engine component with high strength and durability.



chain no.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length	Inner plate depth	Transverse pitch	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	h2 max	Pt	Q0 min.	q
	mm	mm	mm	mm	mm	mm	mm	kN	kg/m
06BT-1	9.525	6.35	5.72	3.28	12.50	8.2	-	9.0	0.396
06BT-2	9.525	6.35	5.72	3.28	22.90	8.2	10.24	16.9	0.738
06BN-1	9.525	6.35	3.81	3.28	10.60	8.2	-	10.0	0.350
06BH-1	9.525	6.35	5.72	3.28	13.90	8.2	-	10.0	0.427
06BH-2	9.525	6.35	5.72	3.28	25.20	8.2	11.30	18.0	0.812
06BH.a-1	9.525	6.35	5.72	3.28	25.50	8.2	11.55	22.4	0.820
05E-1	8.000	5.65	4.60	3.05	12.15	7.6	-	7.8	0.350
05H-1	8.000	5.65	4.60	3.05	12.15	7.6	-	8.0	0.368
05H-2	8.000	5.65	4.60	3.05	21.10	7.6	9.00	14.9	0.757
05BT-1	8.000	5.00	3.00	2.31	8.60	7.1	-	4.4	0.320
05BT-2	8.000	5.00	3.00	2.31	14.30	7.1	5.64	7.8	0.700

As a key component of an engine, automotive engine timing bush chain is mainly applied to systems, like diesel engine timing system, balance shaft system.
Compared with roller chain, it is simpler in structure and higher in wear-resistance.