

CYCLE CHAIN

Introduction

Most bicycles use cycle chains to transmit power from chain rings to the rear wheels. Cycle chains can be categorized into two types:

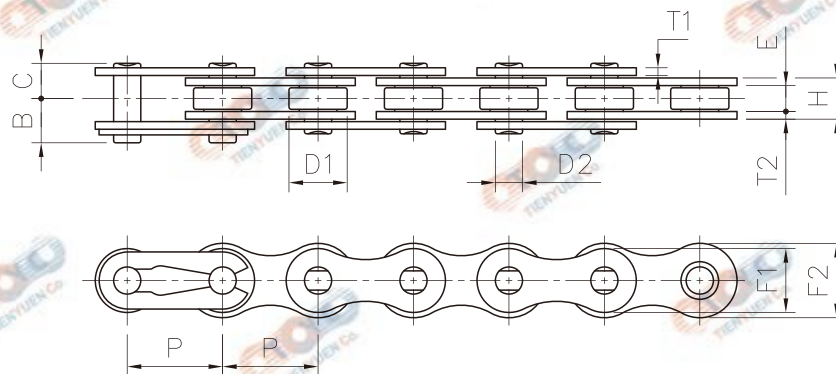
1/2" pitch x 1/8" width or 3/16" width :

Used for simple transmission without derailleur gear

1/2" pitch x 3/32" width :

Used for both simple transmission as well as transmission with derailleur gear

In addition to bicycles, these chains can also function in other transmission operations used for, for example, agricultural equipments or electric garage doors, etcetera.



Chain No.	Pitch x Width	Roller D1 mm	Pin			Link					Avg. Ulti. Tensile Strength kgf	Approx. Weight kg / m
	P x E inch mm		C mm	B mm	D2 mm	T1 mm	T2 mm	H mm	F1 mm	F2 mm		
408	1/2 x 3/32 12.70 x 2.40	7.75	3.99	5.55	3.62	1.02	1.02	4.56	8.50	9.90	1,000	0.25
410	1/2 x 1/8 12.70 x 3.45		4.69	5.89	3.62	1.02	1.02	5.58	8.50	9.90	1,000	0.28
415	1/2 x 3/16 12.70 x 4.88		5.44	6.54	3.62	1.02	1.02	6.98	8.50	9.90	1,000	0.32
415B	1/2 x 3/16 12.70 x 4.88		6.13	7.22	4.09	1.28	1.28	7.65	9.70	11.45	1,550	0.44
415H	1/2 x 3/16 12.70 x 4.88		6.55	7.75	4.19	1.49	1.49	8.05	9.70	11.45	1,700	0.49