

Hollow Pin Chain



E-Series

Hollow Pin Chains per ANSI and DIN standards. Sprockets available on request.

Hollow Pin Roller Chains - ANSI Standard

Part No.	Pitch	Inner Width	Roller Dia.	Hollow Pin Dia.	Plate Depth max	Chain Width	Breaking Load	Approx. Weight
	p in	b ₁ min in	d ₁ max. in	d ₂ in	g in	L ₁ in	lb	lb/ft
E40 HP	1/2	.312	.312	.157	.472	0.689	2420	0.36
E50 HP	5/8	.375	.400	.202	.591	0.855	4400	0.58
E60 HP	3/4	.500	.469	.236	.713	1.055	5940	0.85
E80 HP	1	.625	.625	.316	.949	1.341	10800	1.60

Hollow Pin Roller Chains - DIN Standard

Part No.	Pitch	Inner Width	Roller Dia.	Hollow Pin Dia.	Breaking Load	Approx. Weight
	p mm	b min mm	D ₁ max. mm	d mm	N	kg/m
E08 B-1 HP (4.5)	12.7	7.75	8.51	4.5	13500	0.7
E08 B-1 HP (4.0)	12.7	7.75	8.51	4.0	10000	0.7
E10 B-1 HP	15.875	9.65	10.16	5.0	14500	0.9
E12 B-1 HP	19.05	11.70	12.07	5.75	18500	1.1
E12 B-1 HP (4.0)	19.5	11.70	12.07	4.0	18500	1.1

Double Pitch Hollow Pin Chains

Part No.	Pitch	Inner Width	Roller Dia.	Pin Dia.	Hollow Pin Dia.	Plate Depth max	Chain Width		Inner Link Width	Breaking Load	Approx. Weight
	p in	b min mm	D ₁ max. mm	D ₂ max. mm	d mm	g mm	B mm	C mm	b ₂ mm	lb	lb/ft
EC2040 HP	1	.312	.312	.224	.157	.472	.374	.315	.432	2420	0.31
EC2042 HP	1	.312	.625	.224	.157	.472	.374	.315	.432	2420	0.55
EC2050 HP	1-1/4	.375	.400	.284	.202	.591	.459	.396	.535	4400	0.50
EC2052 HP	1-1/4	.375	.750	.284	.202	.591	.459	.396	.535	4400	0.81
EC2060 HP	1-1/2	.500	.469	.330	.236	.677	.561	.494	.688	5940	0.93
EC2062 HP	1-1/2	.500	.875	.330	.236	.677	.561	.494	.688	5940	1.38
EC2080 HP	2	.625	.625	.448	.316	.906	.701	.640	.875	10800	1.21
EC2082 HP	2	.625	1.125	.448	.316	.906	.701	.640	.875	10800	1.88

Hollow Pin Roller Chains

Part No.	Pitch	Inner Width	Roller Dia.	Pin Dia.	Hollow Pin Dia.	Plate Thickness	Plate Depth	Chain Width	Breaking Load	Approx. Weight
	p mm	b ₁ mm	d ₁ max. mm	d ₂ max. mm	d mm	S mm	g mm	L mm	N mm	kg/m
E-HB50 x 10	50	10	30.0	11.5	8.0	3.0	25.4	26.6	50000	2.0
E-HB50.8 x 10	50.8	10	30.0	11.5	8.0	3.0	25.4	26.6	50000	2.0
E-HB100 x 10	100	10	30.0	11.5	8.0	3.0	25.4	26.6	50000	2.0

HB 50, HB 50.8, HB 100

