



XL 037 PITCH 1/5"(5.08mm)

CCGMF CODE 规格	Z 齿数	Type 结构	MAT. 材料	Od	De	Df	d3	D1	W	H	d
10 XL 037F	10	EF	AL/STEEL	16.17	15.66	23	9.5	-	14.3	20	-
11 XL 037F	11	EF	AL/STEEL	17.79	17.28	23	9.5	-	14.3	20	-
12 XL 037F	12	EF	AL/STEEL	19.40	18.90	25	10	-	14.3	20	-
13 XL 037F	13	EF	AL/STEEL	21.02	20.51	25	10	-	14.3	20	-
14 XL 037F	14	EF	AL/STEEL	22.64	22.13	28	15	-	14.3	20	-
15 XL 037F	15	EF	AL/STEEL	24.26	23.75	28	15	-	14.3	20	-
16 XL 037F	16	EF	AL/STEEL	25.87	25.36	32	16	-	14.3	20	-
17 XL 037F	17	EF	AL/STEEL	27.49	26.98	32	20	-	14.3	20	-
18 XL 037F	18	EF	AL/STEEL	29.11	28.60	35	20	-	14.3	20	-
19 XL 037F	19	EF	AL/STEEL	30.72	30.22	35	20	-	14.3	22	-
20 XL 037F	20	EF	AL/STEEL	33.34	31.83	38	23.5	-	14.3	22	-
21 XL 037F	21	EF	AL/STEEL	33.96	33.45	38	23.5	-	14.3	22	-
22 XL 037F	22	EF	AL/STEEL	35.57	35.07	42	25	-	14.3	22	-
24 XL 037F	24	EF	AL/STEEL	38.81	38.30	44	30	-	14.3	22	8
26 XL 037F	26	EF	AL/STEEL	42.04	41.53	48	30	-	14.3	22	8
27 XL 037F	27	EF	AL/STEEL	43.66	43.15	48	34	-	14.3	22	8
28 XL 037F	28	EF	AL/STEEL	45.28	44.77	51	34	-	14.3	22	8
29 XL 037F	29	EF	AL/STEEL	46.89	46.39	51	34	-	14.3	22	8
30 XL 037F	30	EF	AL/STEEL	48.51	48.00	54	38	-	14.3	22	8
32 XL 037F	32	EF	AL/STEEL	51.74	51.24	57	38	-	14.3	25	8
34 XL 037	34	E	AL/STEEL	54.98	54.47	-	45	-	14.3	25	8
35 XL 037	35	E	AL/STEEL	56.60	56.09	-	45	-	14.3	25	8
36 XL 037	36	E	AL/STEEL	58.21	57.70	-	45	-	14.3	25	8
38 XL 037	38	E	AL/STEEL	61.45	60.94	-	45	-	14.3	25	8
39 XL 037	39	E	AL/STEEL	63.06	62.56	-	45	-	14.3	25	8
40 XL 037	40	E	AL/STEEL	64.68	64.17	-	45	-	14.3	25	8
41 XL 037	41	E	AL/STEEL	66.30	65.79	-	45	-	14.3	25	8
42 XL 037	42	E	AL/STEEL	67.91	67.41	-	45	-	14.3	25	8
43 XL 037	43	E	AL/STEEL	69.53	69.02	-	45	-	14.3	25	8
44 XL 037	44	E	AL/STEEL	71.15	70.64	-	45	-	14.3	25	8
45 XL 037	45	EC	AL/STEEL	72.77	72.26	-	45	61	14.3	25	10
46 XL 037	46	EC	AL/STEEL	74.38	73.87	-	45	61	14.3	25	10
47 XL 037	47	EC	AL/STEEL	76.00	75.49	-	45	61	14.3	25	10
48 XL 037	48	EC	AL/STEEL	77.62	77.11	-	45	61	14.3	25	10
49 XL 037	49	EC	AL/STEEL	79.23	78.73	-	45	61	14.3	25	10
52 XL 037	52	EC	AL/STEEL	84.08	83.58	-	45	67	14.3	25	10
56 XL 037	56	EC	AL/STEEL	90.55	90.04	-	45	80	14.3	25	10
57 XL 037	57	EC	AL/STEEL	92.17	91.66	-	45	80	14.3	25	10
58 XL 037	58	EC	AL/STEEL	93.79	93.28	-	45	80	14.3	25	10
59 XL 037	59	EC	AL/STEEL	95.40	94.90	-	45	80	14.3	25	10



XL 037 PITCH 1/5"(5.08mm)

CCGMF CODE 规格	Z 齿数	Type 结构	MAT. 材料	Od	De	Df	d3	D1	W	H	d
60 XL 037	60	EC	AL/STEEL	97.02	96.51	-	45	80	14.3	25	10
68 XL 037	68	EC	AL/STEEL	109.96	109.45	-	45	100	14.3	25	10
69 XL 037	69	EC	AL/STEEL	111.57	111.07	-	45	100	14.3	25	10
70 XL 037	70	EC	AL/STEEL	113.19	112.68	-	45	100	14.3	25	10
71 XL 037	71	EC	AL/STEEL	114.81	114.30	-	45	100	14.3	25	10
72 XL 037	72	EC	AL/STEEL	116.42	115.92	-	45	100	14.3	25	10

L 050 PITCH 3/8"(9.525mm)

CCGMF CODE 规格	Z 齿数	Type 结构	MAT. 材料	Od	De	Df	d3	D1	W	H	d
10 L 050F	10	EF	STEEL	30.32	29.56	37	20	-	19	28	8
11 L 050F	11	EF	STEEL	33.35	32.59	37	22	-	19	30	8
12 L 050F	12	EF	STEEL	36.38	35.62	43	24	-	19	30	8
13 L 050F	13	EF	STEEL	39.41	38.65	44	28	-	19	30	8
14 L 050F	14	EF	STEEL	42.45	41.68	48	28	-	19	30	8
15 L 050F	15	EF	STEEL	45.48	44.72	51	34	-	19	30	8
16 L 050F	16	EF	STEEL	48.51	47.75	54	36	-	19	32	8
17 L 050F	17	EF	STEEL	51.54	50.78	57	36	-	19	32	10
18 L 050F	18	EF	STEEL	54.57	53.81	60	40	-	19	32	10
19 L 050F	19	EF	STEEL	57.61	56.84	64	40	-	19	32	10
20 L 050F	20	EF	STEEL	60.64	59.88	66	40	-	19	32	10
21 L 050F	21	EF	STEEL	63.67	62.91	70	45	-	19	32	10
22 L 050F	22	EF	STEEL	66.70	65.94	75	45	-	19	32	10
23 L 050F	23	EF	STEEL	69.73	68.97	79	55	-	19	32	10
24 L 050F	24	EF	STEEL	72.77	72.00	79	55	-	19	32	10
25 L 050F	25	EF	STEEL	75.80	75.04	83	58	-	19	32	10
26 L 050F	26	EF	STEEL	78.83	78.07	87	58	-	19	32	11
27 L 050F	27	EF	STEEL	81.86	81.10	87	58	-	19	32	11
28 L 050F	28	EF	STEEL	84.89	84.13	91	58	-	19	32	11
29 L 050F	29	EF	STEEL	87.93	87.16	93	58	-	19	32	11
30 L 050F	30	EF	STEEL	90.96	90.20	97	70	-	19	32	11
32 L 050F	32	EF	STEEL	97.02	96.26	102	70	-	19	32	11
33 L 050F	33	EF	STEEL	100.05	99.29	106	70	-	19	32	11
34 L 050F	34	EF	STEEL	103.08	102.32	112	70	-	19	32	11
35 L 050F	35	EF	STEEL	106.12	105.35	112	70	-	19	32	11
36 L 050F	36	EF	STEEL	109.15	108.39	115	70	-	19	32	11
40 L 050F	40	ECF	STEEL	121.28	120.51	128	70	100	19	32	11
41 L 050F	41	ECF	STEEL	124.31	123.55	131	70	103	19	32	11
42 L 050F	42	ECF	STEEL	127.34	126.58	135	70	106	19	32	11
44 L 050F	44	ECF	STEEL	133.40	132.64	142	70	112	19	32	11
45 L 050F	45	ECF	STEEL	136.44	135.67	142	70	115	19	32	11
47 L 050F	47	ECF	STEEL	142.50	141.74	150	70	121	19	32	11
48 L 050F	48	ECF	STEEL	145.53	144.77	150	70	124	19	32	11
49 L 050	49	EC	CAST IRON	148.56	147.80	-	70	127	19	32	14
50 L 050	50	EC	CAST IRON	151.60	150.83	-	70	130	19	32	14
52 L 050	52	EC	CAST IRON	157.66	156.90	-	70	136	19	32	14
56 L 050	56	EC	CAST IRON	169.79	169.02	-	70	149	19	32	14
57 L 050	57	EC	CAST IRON	172.82	172.06	-	70	152	19	32	14
60 L 050	60	EC	CAST IRON	181.91	181.15	-	75	160	19	42	14
65 L 050	65	EA	CAST IRON	197.07	196.31	-	75	176	19	42	14
66 L 050	66	EA	CAST IRON	200.11	199.34	-	75	179	19	42	14
72 L 050	72	EA	CAST IRON	218.30	217.53	-	75	197	19	42	14
84 L 050	84	EA	CAST IRON	254.68	253.92	-	75	233	19	42	14
90 L 050	90	EA	CAST IRON	272.87	272.11	-	75	252	19	42	14
96 L 050	96	EA	CAST IRON	291.06	290.30	-	75	269	19	42	14
120 L 050	120	EA	CAST IRON	363.83	363.07	-	75	342	19	42	14



L 075 PITCH 3/8"(9.525mm)

CCGMF CODE 规格	Z 齿数	Type 结构	MAT. 材料	Od	De	Df	d3	D1	W	H	d
10 L 075	10	EF	STEEL	30.32	29.56	37	20	-	25.4	38	8
11 L 075	11	EF	STEEL	33.35	32.59	37	22	-	25.4	38	8
12 L 075	12	EF	STEEL	36.38	35.62	43	24	-	25.4	38	8
13 L 075	13	EF	STEEL	39.41	38.65	44	28	-	25.4	38	8
14 L 075	14	EF	STEEL	42.45	41.68	48	28	-	25.4	38	11
15 L 075	15	EF	STEEL	45.48	44.72	51	34	-	25.4	38	11
16 L 075	16	EF	STEEL	48.51	47.75	54	36	-	25.4	38	11
17 L 075	17	EF	STEEL	51.54	50.78	57	36	-	25.4	38	11
18 L 075	18	EF	STEEL	54.57	53.81	60	40	-	25.4	38	11
19 L 075	19	EF	STEEL	57.61	56.84	64	40	-	25.4	38	11
20 L 075	20	EF	STEEL	60.64	59.88	66	40	-	25.4	38	11
21 L 075	21	EF	STEEL	63.67	62.91	70	45	-	25.4	38	11
22 L 075	22	EF	STEEL	66.70	65.94	75	45	-	25.4	38	11
23 L 075	23	EF	STEEL	69.73	68.97	79	55	-	25.4	38	11
24 L 075	24	EF	STEEL	72.77	72.00	79	55	-	25.4	38	11
25 L 075	25	EF	STEEL	75.80	75.04	83	58	-	25.4	38	11
26 L 075	26	EF	STEEL	78.83	78.07	87	58	-	25.4	38	11
27 L 075	27	EF	STEEL	81.86	81.10	87	58	-	25.4	38	11
28 L 075	28	EF	STEEL	84.89	84.13	91	58	-	25.4	38	11
29 L 075	29	EF	STEEL	87.93	87.16	93	58	-	25.4	38	11
30 L 075	30	EF	STEEL	90.96	90.20	97	70	-	25.4	38	11
32 L 075	32	EF	STEEL	97.02	96.26	102	70	-	25.4	38	11
33 L 075	33	EF	STEEL	100.05	99.29	106	70	-	25.4	38	11
34 L 075	34	EF	STEEL	103.08	102.32	112	70	-	25.4	38	11
35 L 075	35	EF	STEEL	106.12	105.35	112	70	-	25.4	38	11
36 L 075	36	EF	STEEL	109.15	108.39	115	70	-	25.4	38	11
40 L 075	40	ECF	STEEL	121.28	120.51	128	70	100	25.4	38	11
41 L 075	41	ECF	STEEL	124.31	123.55	131	70	103	25.4	38	11
42 L 075	42	ECF	STEEL	127.34	126.58	135	70	106	25.4	38	11
44 L 075	44	ECF	STEEL	133.40	132.64	142	70	112	25.4	38	11
45 L 075	45	ECF	STEEL	136.44	135.67	142	70	115	25.4	38	11
47 L 075	47	ECF	STEEL	142.50	141.74	150	70	121	25.4	38	11
48 L 075	48	ECF	STEEL	145.53	144.77	150	70	124	25.4	38	11
49 L 075	49	EC	CAST IRON	148.56	147.80	-	70	127	25.4	38	14
50 L 075	50	EC	CAST IRON	151.60	150.83	-	70	130	25.4	38	14
52 L 075	52	EC	CAST IRON	157.66	156.90	-	70	136	25.4	38	14
56 L 075	56	EC	CAST IRON	169.79	169.02	-	70	149	25.4	38	14
57 L 075	57	EC	CAST IRON	172.82	172.06	-	70	152	25.4	38	14
60 L 075	60	EC	CAST IRON	181.91	181.15	-	75	160	25.4	45	14
65 L 075	65	EA	CAST IRON	197.07	196.31	-	75	176	25.4	45	14
66 L 075	66	EA	CAST IRON	200.11	199.34	-	75	179	25.4	45	14
72 L 075	72	EA	CAST IRON	218.3	217.53	-	75	25.47	25.4	45	14
84 L 075	84	EA	CAST IRON	254.68	253.92	-	75	233	25.4	45	14
90 L 075	90	EA	CAST IRON	272.87	272.11	-	75	252	25.4	45	14
96 L 075	96	EA	CAST IRON	291.06	290.30	-	75	269	25.4	45	14
120 L 075	120	EA	CAST IRON	363.83	363.07	-	75	342	25.4	45	14



L 100 PITCH 3/8"(9.525mm)

CCGMF CODE 规格	Z 齿数	Type 结构	MAT. 材料	Od	De	Df	d3	D1	W	H	d
10 L 100	10	EF	STEEL	30.32	29.56	37	20	-	31.8	45	8
11 L 100	11	EF	STEEL	33.35	32.59	38	22	-	31.8	45	8
12 L 100	12	EF	STEEL	36.45	35.62	43	24	-	31.8	45	8
13 L 100	13	EF	STEEL	39.41	38.65	44	28	-	31.8	45	8
14 L 100	14	EF	STEEL	42.45	41.68	48	28	-	31.8	45	11
15 L 100	15	EF	STEEL	45.48	44.72	51	34	-	31.8	45	11
16 L 100	16	EF	STEEL	48.51	47.75	54	36	-	31.8	45	11
17 L 100	17	EF	STEEL	51.54	50.78	57	36	-	31.8	45	11
18 L 100	18	EF	STEEL	54.57	53.81	60	40	-	31.8	45	11
19 L 100	19	EF	STEEL	57.61	56.84	64	40	-	31.8	45	11
20 L 100	20	EF	STEEL	60.64	59.88	66	40	-	31.8	45	11
21 L 100	21	EF	STEEL	63.67	62.91	70	45	-	31.8	45	11
22 L 100	22	EF	STEEL	66.70	65.94	75	45	-	31.8	45	11
23 L 100	23	EF	STEEL	69.73	68.97	79	55	-	31.8	45	11
24 L 100	24	EF	STEEL	72.77	72.00	79	55	-	31.8	45	11
25 L 100	25	EF	STEEL	75.80	75.04	83	58	-	31.8	45	11
26 L 100	26	EF	STEEL	78.83	78.07	87	58	-	31.8	45	11
27 L 100	27	EF	STEEL	81.86	81.10	87	58	-	31.8	45	11
28 L 100	28	EF	STEEL	84.89	84.13	91	58	-	31.8	45	11
29 L 100	29	EF	STEEL	87.93	87.16	93	58	-	31.8	45	11
30 L 100	30	EF	STEEL	90.96	90.20	97	70	-	31.8	45	11
32 L 100	32	EF	STEEL	97.02	96.26	102	70	-	31.8	45	11
33 L 100	33	EF	STEEL	100.05	99.29	106	70	-	31.8	45	11
34 L 100	34	EF	STEEL	103.08	102.32	112	70	-	31.8	45	11
35 L 100	35	EF	STEEL	106.12	105.35	112	70	-	31.8	45	11
36 L 100	36	EF	STEEL	109.15	108.39	115	70	-	31.8	45	11
40 L 100	40	ECF	STEEL	121.28	120.51	128	70	100	31.8	45	11
41 L 100	41	ECF	STEEL	124.31	123.55	131	70	103	31.8	45	11
42 L 100	42	ECF	STEEL	127.34	126.58	135	70	106	31.8	45	11
44 L 100	44	ECF	STEEL	133.40	132.64	142	70	112	31.8	45	11
45 L 100	45	ECF	STEEL	136.44	135.67	142	70	115	31.8	45	11
47 L 100	47	ECF	STEEL	142.50	141.74	150	70	121	31.8	45	11
48 L 100	48	ECF	STEEL	145.53	144.77	150	70	124	31.8	45	11
49 L 100	49	EC	CAST IRON	148.56	147.80	-	70	127	31.8	45	14
50 L 100	50	EC	CAST IRON	151.60	150.83	-	70	130	31.8	45	14
52 L 100	52	EC	CAST IRON	157.66	156.90	-	70	136	31.8	45	14
56 L 100	56	EC	CAST IRON	169.79	169.02	-	70	149	31.8	45	14
57 L 100	57	EC	CAST IRON	172.82	172.06	-	70	152	31.8	45	14
60 L 100	60	EC	CAST IRON	181.91	181.15	-	75	160	31.8	50	14
65 L 100	65	EA	CAST IRON	197.07	196.31	-	75	176	31.8	50	14
66 L 100	66	EA	CAST IRON	200.11	199.34	-	75	179	31.8	50	14
72 L 100	72	EA	CAST IRON	218.30	217.53	-	75	197	31.8	50	14
84 L 100	84	EA	CAST IRON	254.68	253.92	-	75	233	31.8	50	14
90 L 100	90	EA	CAST IRON	272.87	272.11	-	75	252	31.8	50	14
96 L 100	96	EA	CAST IRON	291.06	290.30	-	75	269	31.8	50	14
120 L 100	120	EA	CAST IRON	363.83	363.07	-	75	342	31.8	50	14



H 075 PITCH 1/2"(12.7mm)

CCGMF CODE 规格	Z 齿数	Type 结构	MAT. 材料	Od	De	Df	d3	D1	W	H	d
14 H 075	14	EF	STEEL	56.60	55.22	64	40	-	26.4	40	8
15 H 075	15	EF	STEEL	60.64	59.27	66	45	-	26.4	40	8
16 H 075	16	EF	STEEL	64.68	63.31	70	45	-	26.4	40	8
17 H 075	17	EF	STEEL	68.72	67.35	75	45	-	26.4	40	8
18 H 075	18	EF	STEEL	72.77	71.39	79	55	-	26.4	40	11
19 H 075	19	EF	STEEL	76.81	75.44	83	60	-	26.4	40	11
20 H 075	20	EF	STEEL	80.85	79.48	87	62	-	26.4	40	11
21 H 075	21	EF	STEEL	84.89	83.52	91	65	-	26.4	40	11
22 H 075	22	EF	STEEL	88.94	87.56	93	68	-	26.4	40	11
23 H 075	23	EF	STEEL	92.98	91.61	97	72	-	26.4	40	11
24 H 075	24	EF	STEEL	97.02	95.65	102	72	-	26.4	40	11
25 H 075	25	EF	STEEL	101.06	99.69	106	72	-	26.4	40	11
26 H 075	26	EF	STEEL	105.11	103.73	112	80	-	26.4	40	11
27 H 075	27	EF	STEEL	109.15	107.78	115	80	-	26.4	40	11
28 H 075	28	EF	STEEL	113.19	111.82	120	80	-	26.4	40	11
29 H 075	29	EF	STEEL	117.23	115.86	123	80	-	26.4	40	11
30 H 075	30	EF	STEEL	121.28	119.90	128	80	-	26.4	40	11
32 H 075	32	EF	STEEL	129.36	127.99	135	80	-	26.4	40	11
33 H 075	33	EF	STEEL	133.40	132.03	140	80	-	26.4	40	11
34 H 075	34	EF	STEEL	137.45	136.07	142	80	-	26.4	40	11
35 H 075	35	EF	STEEL	141.49	140.12	150	80	-	26.4	40	11
36 H 075	36	EF	STEEL	145.53	144.16	150	80	118	26.4	40	11
38 H 075	38	EF	STEEL	153.62	152.24	158	80	126	26.4	40	11
40 H 075	40	EF	STEEL	161.70	160.33	168	80	134	26.4	40	11
42 H 075	42	EF	STEEL	169.79	168.41	175	80	140	26.4	40	11
44 H 075	44	ECF	CAST IRON	177.87	176.50	184	80	150	26.4	40	14
45 H 075	45	ECF	CAST IRON	181.91	180.54	192	80	154	26.4	40	14
48 H 075	48	ECF	CAST IRON	194.04	192.67	200	90	166	26.4	45	14
49 H 075	49	EC	CAST IRON	198.08	196.71	-	90	170	26.4	45	14
50 H 075	50	EC	CAST IRON	202.13	200.75	-	90	174	26.4	45	14



H 100 PITCH 1/2"(12.07mm)

CCGMF CODE 规格	Z 齿数	Type 结构	MAT. 材料	Od	De	Df	d3	D1	W	H	d
14 H 100	14	EF	STEEL	56.60	55.22	64	45	-	31.8	45	11
15 H 100	15	EF	STEEL	60.64	59.27	66	45	-	31.8	45	11
16 H 100	16	EF	STEEL	64.68	63.31	70	45	-	31.8	45	11
17 H 100	17	EF	STEEL	68.72	67.35	75	45	-	31.8	45	11
18 H 100	18	EF	STEEL	72.77	71.39	79	55	-	31.8	45	14
19 H 100	19	EF	STEEL	76.81	75.44	83	60	-	31.8	45	14
20 H 100	20	EF	STEEL	80.85	79.48	87	62	-	31.8	45	14
21 H 100	21	EF	STEEL	84.89	83.52	91	65	-	31.8	45	14
22 H 100	22	EF	STEEL	88.94	87.56	93	68	-	31.8	45	14
23 H 100	23	EF	STEEL	92.98	91.61	97	72	-	31.8	45	14
24 H 100	24	EF	STEEL	97.02	95.65	102	72	-	31.8	45	14
25 H 100	25	EF	STEEL	101.06	99.69	106	72	-	31.8	45	14
26 H 100	26	EF	STEEL	105.11	103.73	112	80	-	31.8	45	14
27 H 100	27	EF	STEEL	109.15	107.78	115	80	-	31.8	45	14
28 H 100	28	EF	STEEL	113.19	111.82	120	80	-	31.8	45	14
29 H 100	29	EF	STEEL	117.23	115.86	123	80	-	31.8	45	14
30 H 100	30	EF	STEEL	121.28	119.90	128	80	-	31.8	45	14
32 H 100	32	EF	STEEL	129.36	127.99	135	80	-	31.8	45	14
33 H 100	33	EF	STEEL	133.40	132.03	140	80	-	31.8	45	14
34 H 100	34	EF	STEEL	137.45	136.07	142	80	-	31.8	45	14
35 H 100	35	EF	STEEL	141.49	140.12	150	80	-	31.8	45	14
36 H 100	36	EF	STEEL	145.53	144.16	150	80	118	31.8	45	14
38 H 100	38	EF	STEEL	153.62	152.24	158	80	123	31.8	45	14
40 H 100	40	EF	STEEL	161.70	160.33	168	80	134	31.8	45	14
42 H 100	42	EF	STEEL	169.79	168.41	175	80	140	31.8	45	14
44 H 100	44	ECF	CAST IRON	177.87	176.50	184	80	150	31.8	50	14
45 H 100	45	ECF	CAST IRON	181.91	180.54	192	80	154	31.8	50	14
48 H 100	48	ECF	CAST IRON	194.04	192.67	200	90	166	31.8	50	14
49 H 100	49	EC	CAST IRON	198.08	196.71	-	90	170	31.8	50	19
50 H 100	50	EC	CAST IRON	202.13	200.75	-	90	174	31.8	50	19
52 H100	52	EC	CAST IRON	210.21	208.84	-	90	182	31.8	50	19
58 H100	58	EA	CAST IRON	234.47	233.09	-	90	207	31.8	50	19
60 H100	60	EA	CAST IRON	242.55	241.18	-	90	215	31.8	50	19
70 H100	70	EA	CAST IRON	282.98	281.61	-	100	255	31.8	55	19
72 H100	72	EA	CAST IRON	291.06	289.69	-	100	263	31.8	55	19
82 H100	82	EA	CAST IRON	331.49	330.12	-	100	304	31.8	55	19
84 H100	84	EA	CAST IRON	339.57	338.20	-	100	312	31.8	55	19
94 H100	94	EA	CAST IRON	380.00	378.63	-	120	352	31.8	60	19
96 H100	96	EA	CAST IRON	388.08	386.71	-	120	360	31.8	60	19
106 H100	106	EA	CAST IRON	428.51	427.14	-	120	401	31.8	60	19
116 H100	116	EA	CAST IRON	468.93	467.56	-	120	441	31.8	60	19
118 H100	118	EA	CAST IRON	477.02	475.65	-	120	449	31.8	60	19
120 H100	120	EA	CAST IRON	485.10	483.73	-	120	458	31.8	60	19
150 H100	150	EA	CAST IRON	606.38	605.01	-	120	579	31.8	60	19
152 H100	152	EA	CAST IRON	614.47	613.09	-	120	587	31.8	60	19
154 H100	154	EA	CAST IRON	622.55	621.18	-	120	595	31.8	60	19
156 H100	156	EA	CAST IRON	630.64	629.26	-	120	603	31.8	60	19



H 150 PITCH 1/2"(12.7mm)

CCGMF CODE 规格	Z 齿数	Type 结构	MAT. 材料	Od	De	Df	d3	D1	W	H	d
14 H 150	14	EF	STEEL	56.60	55.22	64	42	-	46	58	11
15 H 150	15	EF	STEEL	60.64	59.27	66	45	-	46	58	11
16 H 150	16	EF	STEEL	64.68	63.31	70	45	-	46	58	11
17 H 150	17	EF	STEEL	68.72	67.35	75	45	-	46	58	11
18 H 150	18	EF	STEEL	72.77	71.39	79	55	-	46	58	14
19 H 150	19	EF	STEEL	76.81	75.44	83	60	-	46	58	14
20 H 150	20	EF	STEEL	80.85	79.48	87	62	-	46	58	14
21 H 150	21	EF	STEEL	84.89	83.52	91	65	-	46	58	14
22 H 150	22	EF	STEEL	88.94	87.56	93	68	-	46	58	14
23 H 150	23	EF	STEEL	92.98	91.61	97	72	-	46	58	14
24 H 150	24	EF	STEEL	97.02	95.65	102	72	-	46	58	14
25 H 150	25	EF	STEEL	101.06	99.69	106	72	-	46	58	14
26 H 150	26	EF	STEEL	105.11	103.73	112	80	-	46	58	14
27 H 150	27	EF	STEEL	109.15	107.78	115	80	-	46	58	14
28 H 150	28	EF	STEEL	113.19	111.82	120	80	-	46	58	14
29 H 150	29	EF	STEEL	117.23	115.86	123	80	-	46	58	14
30 H 150	30	EF	STEEL	121.28	119.90	128	80	-	46	58	14
32 H 150	32	EF	STEEL	129.36	127.99	135	80	-	46	58	14
33 H 150	33	EF	STEEL	133.40	132.03	140	80	-	46	58	14
34 H 150	34	EF	STEEL	137.45	136.07	142	80	-	46	58	14
35 H 150	35	EF	STEEL	141.49	140.12	150	80	-	46	58	14
36 H 150	36	EF	STEEL	145.53	144.16	150	80	118	46	58	14
38 H 150	38	EF	STEEL	153.62	152.24	158	80	126	46	58	14
40 H 150	40	EF	STEEL	161.70	160.33	168	80	134	46	58	14
42 H 150	42	EF	STEEL	169.79	168.41	180	80	140	46	58	19
44 H 150	44	ECF	CAST IRON	177.87	176.50	184	80	150	46	58	19
45 H 150	45	ECF	CAST IRON	181.91	180.54	192	80	154	46	58	19
48 H 150	48	ECF	CAST IRON	194.04	192.67	200	90	166	46	65	19
49 H 150	49	EC	CAST IRON	198.08	196.71	-	90	170	46	65	19
50 H 150	50	EC	CAST IRON	202.13	200.75	-	90	174	46	65	19
52 H150	52	EC	CAST IRON	210.21	208.84	-	90	182	46	65	19
58 H150	58	EA	CAST IRON	234.47	233.09	-	90	207	46	65	19
60 H150	60	EA	CAST IRON	242.55	241.18	-	90	215	46	65	19
70 H150	70	EA	CAST IRON	282.98	281.61	-	100	255	46	65	24
72 H150	72	EA	CAST IRON	291.06	289.69	-	100	263	46	65	24
82 H150	82	EA	CAST IRON	331.49	330.12	-	100	304	46	65	24
84 H150	84	EA	CAST IRON	339.57	338.20	-	100	312	46	65	24
94 H150	94	EA	CAST IRON	380.00	378.63	-	120	352	46	65	24
96 H150	96	EA	CAST IRON	388.08	386.71	-	120	360	46	65	24
106 H150	106	EA	CAST IRON	428.51	427.14	-	120	401	46	65	24
116 H150	116	EA	CAST IRON	468.93	467.56	-	120	441	46	65	24
118 H150	118	EA	CAST IRON	477.02	475.65	-	120	449	46	65	24
120 H150	120	EA	CAST IRON	485.10	483.73	-	120	458	46	65	24
150 H150	150	EA	CAST IRON	606.38	605.01	-	120	579	46	65	24
152 H150	152	EA	CAST IRON	614.47	613.09	-	120	587	46	65	24
154 H150	154	EA	CAST IRON	622.55	621.18	-	120	595	46	65	24
156 H150	156	EA	CAST IRON	630.64	629.26	-	120	603	46	65	24



H 200 PITCH 1/2"(12.7mm)

CCGMF CODE 规格	Z 齿数	Type 结构	MAT. 材料	Od	De	Df	d3	D1	W	H	d
14 H 200	14	EF	STEEL	56.60	55.22	64	40	-	58.7	70	11
15 H 200	15	EF	STEEL	60.64	59.27	66	45	-	58.7	70	11
16 H 200	16	EF	STEEL	64.68	63.31	70	45	-	58.7	70	11
17 H 200	17	EF	STEEL	68.72	67.35	75	45	-	58.7	70	11
18 H 200	18	EF	STEEL	72.77	71.39	79	55	-	58.7	70	14
19 H 200	19	EF	STEEL	76.81	75.44	83	60	-	58.7	70	14
20 H 200	20	EF	STEEL	80.85	79.48	87	62	-	58.7	70	14
21 H 200	21	EF	STEEL	84.89	83.52	91	65	-	58.7	70	14
22 H 200	22	EF	STEEL	88.94	87.56	93	68	-	58.7	70	14
23 H 200	23	EF	STEEL	92.98	91.61	97	72	-	58.7	70	14
24 H 200	24	EF	STEEL	97.02	95.65	102	72	-	58.7	70	14
25 H 200	25	EF	STEEL	101.06	99.69	106	72	-	58.7	70	14
26 H 200	26	EF	STEEL	105.11	103.73	112	80	-	58.7	70	14
27 H 200	27	EF	STEEL	109.15	107.78	115	80	-	58.7	70	14
28 H 200	28	EF	STEEL	113.19	111.82	120	80	-	58.7	70	14
29 H 200	29	EF	STEEL	117.23	115.86	123	80	-	58.7	70	14
30 H 200	30	EF	STEEL	121.28	119.90	128	80	-	58.7	70	14
32 H 200	32	EF	STEEL	129.36	127.99	135	80	-	58.7	70	14
33 H 200	33	EF	STEEL	133.40	132.03	140	80	-	58.7	70	14
34 H 200	34	EF	STEEL	137.45	136.07	142	80	-	58.7	70	14
35 H 200	35	EF	STEEL	141.49	140.12	150	80	-	58.7	70	14
36 H 200	36	EF	STEEL	145.53	144.16	150	80	118	58.7	70	14
38 H 200	38	EF	STEEL	153.62	152.24	158	80	126	58.7	70	14
40 H 200	40	EF	STEEL	161.70	160.33	168	80	134	58.7	70	14
42 H 200	42	EF	STEEL	169.79	168.41	180	80	140	58.7	70	19
44 H 200	44	ECF	CAST IRON	177.87	176.50	184	80	150	58.7	70	19
45 H 200	45	ECF	CAST IRON	181.91	180.54	192	80	154	58.7	70	19
48 H 200	48	ECF	CAST IRON	194.04	192.67	200	90	166	58.7	75	24
49 H 200	49	EC	CAST IRON	198.08	196.71	-	90	170	58.7	75	24
50 H 200	50	EC	CAST IRON	202.13	200.75	-	90	174	58.7	75	24
52 H150	52	EC	CAST IRON	210.21	208.84	-	90	182	58.7	75	24
58 H200	58	EA	CAST IRON	234.47	233.09	-	90	207	58.7	75	24
60 H200	60	EA	CAST IRON	242.55	241.18	-	90	215	58.7	75	24
70 H200	70	EA	CAST IRON	282.98	281.61	-	100	255	58.7	75	24
72 H200	72	EA	CAST IRON	291.06	289.69	-	100	263	58.7	75	24
82 H200	82	EA	CAST IRON	331.49	330.12	-	100	304	58.7	75	24
84 H200	84	EA	CAST IRON	339.57	338.20	-	100	312	58.7	75	24
94 H200	94	EA	CAST IRON	380.00	378.63	-	120	352	58.7	75	24
96 H200	96	EA	CAST IRON	388.08	386.71	-	120	360	58.7	75	24
106 H200	106	EA	CAST IRON	428.51	427.14	-	120	401	58.7	75	24
116 H200	116	EA	CAST IRON	468.93	467.56	-	120	441	58.7	75	24
118 H200	118	EA	CAST IRON	477.02	475.65	-	120	449	58.7	75	24
120 H200	120	EA	CAST IRON	485.10	483.73	-	120	458	58.7	75	24
150 H200	150	EA	CAST IRON	606.38	605.01	-	120	579	58.7	75	24
152 H200	152	EA	CAST IRON	614.47	613.09	-	120	587	58.7	75	24
154 H200	154	EA	CAST IRON	622.55	621.18	-	120	595	58.7	75	24
156 H200	156	EA	CAST IRON	630.64	629.26	-	120	603	58.7	75	24



H 300 PITCH 1/2"(12.7mm)

CCGMF CODE 规格	Z 齿数	Type 结构	MAT. 材料	Od	De	Df	d3	D1	W	H	d
14 H 300	14	EF	STEEL	56.60	55.22	64	42	-	85.7	100	11
15 H 300	15	EF	STEEL	60.64	59.27	66	45	-	85.7	100	11
16 H 300	16	EF	STEEL	64.68	63.31	70	45	-	85.7	100	11
17 H 300	17	EF	STEEL	68.72	67.35	75	45	-	85.7	100	11
18 H 300	18	EF	STEEL	72.77	71.39	79	55	-	85.7	100	19
19 H 300	19	EF	STEEL	76.81	75.44	83	60	-	85.7	100	19
20 H 300	20	EF	STEEL	80.85	79.48	87	62	-	85.7	100	19
21 H 300	21	EF	STEEL	84.89	83.52	91	65	-	85.7	100	19
22 H 300	22	EF	STEEL	88.94	87.56	93	68	-	85.7	100	19
23 H 300	23	EF	STEEL	92.98	91.61	97	72	-	85.7	100	19
24 H 300	24	EF	STEEL	97.02	95.65	102	72	-	85.7	100	19
25 H 300	25	EF	STEEL	101.06	99.69	106	72	-	85.7	100	19
26 H 300	26	EF	STEEL	105.11	103.73	112	80	-	85.7	100	19
27 H 300	27	EF	STEEL	109.15	107.78	115	80	-	85.7	100	19
28 H 300	28	EF	STEEL	113.19	111.82	120	80	-	85.7	100	19
29 H 300	29	EF	STEEL	117.23	115.86	123	80	-	85.7	100	19
30 H 300	30	EF	STEEL	121.28	119.90	128	80	-	85.7	100	19
32 H 300	32	EF	STEEL	129.36	127.99	135	80	-	85.7	100	19
33 H 300	33	EF	STEEL	133.40	132.03	140	80	-	85.7	100	19
34 H 300	34	EF	STEEL	137.45	136.07	142	80	-	85.7	100	19
35 H 300	35	EF	STEEL	141.49	140.12	150	80	-	85.7	100	19
36 H 300	36	ECF	STEEL	145.53	144.16	150	80	118	85.7	100	19
38 H 300	38	ECF	STEEL	153.62	152.24	158	80	126	85.7	100	19
40 H 300	40	ECF	STEEL	161.70	160.33	168	80	134	85.7	100	19
42 H 300	42	ECF	STEEL	169.79	168.41	175	80	140	85.7	100	24
44 H 300	44	ECF	CAST IRON	177.87	176.50	184	80	150	85.7	100	24
45 H 300	45	ECF	CAST IRON	181.91	180.54	192	80	154	85.7	100	24
48 H 300	48	ECF	CAST IRON	194.04	192.67	200	90	166	85.7	100	24
49 H 300	49	EC	CAST IRON	198.08	196.71	-	90	170	85.7	100	24
50 H 300	50	EC	CAST IRON	202.13	200.75	-	90	174	85.7	100	24
52 H300	52	EC	CAST IRON	210.21	208.84	-	90	182	85.7	100	24
58 H300	58	EA	CAST IRON	234.47	233.09	-	90	207	85.7	100	24
60 H300	60	EA	CAST IRON	242.55	241.18	-	90	215	85.7	100	28
70 H300	70	EA	CAST IRON	282.98	281.61	-	100	255	85.7	100	28
72 H300	72	EA	CAST IRON	291.06	289.69	-	100	263	85.7	100	28
82 H300	82	EA	CAST IRON	331.49	330.12	-	100	304	85.7	100	28
84 H300	84	EA	CAST IRON	339.57	338.20	-	100	312	85.7	100	28
94 H300	94	EA	CAST IRON	380.00	378.63	-	120	352	85.7	100	28
96 H300	96	EA	CAST IRON	388.08	386.71	-	120	360	85.7	100	28
106 H300	106	EA	CAST IRON	428.51	427.14	-	120	401	85.7	100	28
116 H300	116	EA	CAST IRON	468.93	467.56	-	120	441	85.7	100	28
118 H300	118	EA	CAST IRON	477.02	475.65	-	120	449	85.7	100	28
120 H300	120	EA	CAST IRON	485.10	483.73	-	120	458	85.7	100	28
150 H300	150	EA	CAST IRON	606.38	605.01	-	120	579	85.7	100	28
152 H300	152	EA	CAST IRON	614.47	613.09	-	120	587	85.7	100	28
154 H300	154	EA	CAST IRON	622.55	621.18	-	120	595	85.7	100	28
156 H300	156	EA	CAST IRON	630.64	629.26	-	120	603	85.7	100	28