

ギヤピッチとギヤ直径の関係

歯数	ギヤ直径(mm)				歯数	ギヤ直径(mm)				歯数	ギヤ直径(mm)				歯数	ギヤ直径(mm)			
	32dp	48dp	64dp	84dp		32dp	48dp	64dp	84dp		32dp	48dp	64dp	84dp		32dp	48dp	64dp	84dp
1	2.38125	1.58751	1.19064	0.90714	43	35.71875	23.81265	17.85960	13.60714	85	69.05625	46.03779	34.52856	26.30714	127	102.39375	68.26293	51.19752	39.00714
2	3.17500	2.11668	1.58752	1.20952	44	36.51250	24.34182	18.25648	13.90952	86	69.85000	46.56696	34.92544	26.60952	128	103.18750	68.79210	51.59440	39.30952
3	3.96875	2.64585	1.98440	1.51190	45	37.30625	24.87099	18.65336	14.21190	87	70.64375	47.09613	35.32232	26.91190	129	103.98125	69.32127	51.99128	39.61190
4	4.76250	3.17502	2.38128	1.81429	46	38.10000	25.40016	19.05024	14.51429	88	71.43750	47.62530	35.71920	27.21429	130	104.77500	69.85044	52.38816	39.91429
5	5.55625	3.70419	2.77816	2.11667	47	38.89375	25.92933	19.44712	14.81667	89	72.23125	48.15447	36.11608	27.51667	131	105.56875	70.37961	52.78504	40.21667
6	6.35000	4.23336	3.17504	2.41905	48	39.68750	26.45850	19.84400	15.11905	90	73.02500	48.68364	36.51296	27.81905	132	106.36250	70.90878	53.18192	40.51905
7	7.14375	4.76253	3.57192	2.72143	49	40.48125	26.98767	20.24088	15.42143	91	73.81875	49.21281	36.90984	28.12143	133	107.15625	71.43795	53.57880	40.82143
8	7.93750	5.29170	3.96880	3.02381	50	41.27500	27.51684	20.63776	15.72381	92	74.61250	49.74198	37.30672	28.42381	134	107.95000	71.96712	53.97568	41.12381
9	8.73125	5.82087	4.36568	3.32619	51	42.06875	28.04601	21.03464	16.02619	93	75.40625	50.27115	37.70360	28.72619	135	108.74375	72.49629	54.37256	41.42619
10	9.52500	6.35004	4.76256	3.62857	52	42.86250	28.57518	21.43152	16.32857	94	76.20000	50.80032	38.10048	29.02857	136	109.53750	73.02546	54.76944	41.72857
11	10.31875	6.87921	5.15944	3.93095	53	43.65625	29.10435	21.82840	16.63095	95	76.99375	51.32949	38.49736	29.33095	137	110.33125	73.55463	55.16632	42.03095
12	11.11250	7.40838	5.55632	4.23333	54	44.45000	29.63352	22.22528	16.93333	96	77.78750	51.85866	38.89424	29.63333	138	111.12500	74.08380	55.56320	42.33333
13	11.90625	7.93755	5.95320	4.53571	55	45.24375	30.16269	22.62216	17.23571	97	78.58125	52.38783	39.29112	29.93571	139	111.91875	74.61297	55.96008	42.63571
14	12.70000	8.46672	6.35008	4.83810	56	46.03750	30.69186	23.01904	17.53810	98	79.37500	52.91700	39.68800	30.23810	140	112.71250	75.14214	56.35696	42.93810
15	13.49375	8.99589	6.74696	5.14048	57	46.83125	31.22103	23.41592	17.84048	99	80.16875	53.44617	40.08488	30.54048	141	113.50625	75.67131	56.75384	43.24048
16	14.28750	9.52506	7.14384	5.44286	58	47.62500	31.75020	23.81280	18.14286	100	80.96250	53.97534	40.48176	30.84286	142	114.30000	76.20048	57.15072	43.54286
17	15.08125	10.05423	7.54072	5.74524	59	48.41875	32.27937	24.20968	18.44524	101	81.75625	54.50451	40.87864	31.14524	143	115.09375	76.72965	57.54760	43.84524
18	15.87500	10.58340	7.93760	6.04762	60	49.21250	32.80854	24.60656	18.74762	102	82.55000	55.03368	41.27552	31.44762	144	115.88750	77.25882	57.94448	44.14762
19	16.66875	11.11257	8.33448	6.35000	61	50.00625	33.33771	25.00344	19.05000	103	83.34375	55.56285	41.67240	31.75000	145	116.68125	77.78799	58.34136	44.45000
20	17.46250	11.64174	8.73136	6.65238	62	50.80000	33.86688	25.40032	19.35238	104	84.13750	56.09202	42.06928	32.05238	146	117.47500	78.31716	58.73824	44.75238
21	18.25625	12.17091	9.12824	6.95476	63	51.59375	34.39605	25.79720	19.65476	105	84.93125	56.62119	42.46616	32.35476	147	118.26875	78.84633	59.13512	45.05476
22	19.05000	12.70008	9.52512	7.25714	64	52.38750	34.92522	26.19408	19.95714	106	85.72500	57.15036	42.86304	32.65714	148	119.06250	79.37550	59.53200	45.35714
23	19.84375	13.22925	9.92200	7.55952	65	53.18125	35.45439	26.59096	20.25952	107	86.51875	57.67953	43.25992	32.95952	149	119.85625	79.90467	59.92888	45.65952
24	20.63750	13.75842	10.31888	7.86190	66	53.97500	35.98356	26.98784	20.56190	108	87.31250	58.20870	43.65680	33.26190	150	120.65000	80.43384	60.32576	45.96190
25	21.43125	14.28759	10.71576	8.16429	67	54.76875	36.51273	27.38472	20.86429	109	88.10625	58.73787	44.05368	33.56429	151	121.44375	80.96301	60.72264	46.26429
26	22.22500	14.81676	11.11264	8.46667	68	55.56250	37.04190	27.78160	21.16667	110	88.90000	59.26704	44.45056	33.86667	152	122.23750	81.49218	61.11952	46.56667
27	23.01875	15.34593	11.50952	8.76905	69	56.35625	37.57107	28.17848	21.46905	111	89.69375	59.79621	44.84744	34.16905	153	123.03125	82.02135	61.51640	46.86905
28	23.81250	15.87510	11.90640	9.07143	70	57.15000	38.10024	28.57536	21.77143	112	90.48750	60.32538	45.24432	34.47143	154	123.82500	82.55052	61.91328	47.17143
29	24.60625	16.40427	12.30328	9.37381	71	57.94375	38.62941	28.97224	22.07381	113	91.28125	60.85455	45.64120	34.77381	155	124.61875	83.07969	62.31016	47.47381
30	25.40000	16.93344	12.70016	9.67619	72	58.73750	39.15858	29.36912	22.37619	114	92.07500	61.38372	46.03808	35.07619	156	125.41250	83.60886	62.70704	47.77619
31	26.19375	17.46261	13.09704	9.97857	73	59.53125	39.68775	29.76600	22.67857	115	92.86875	61.91289	46.43496	35.37857	157	126.20625	84.13803	63.10392	48.07857
32	26.98750	17.99178	13.49392	10.28095	74	60.32500	40.21692	30.16288	22.98095	116	93.66250	62.44206	46.83184	35.68095	158	127.00000	84.66720	63.50080	48.38095
33	27.78125	18.52095	13.89080	10.58333	75	61.11875	40.74609	30.55976	23.28333	117	94.45625	62.97123	47.22872	35.98333	159	127.79375	85.19637	63.89768	48.68333
34	28.57500	19.05012	14.28768	10.88571	76	61.91250	41.27526	30.95664	23.58571	118	95.25000	63.50040	47.62560	36.28571	160	128.58750	85.72554	64.29456	48.98571
35	29.36875	19.57929	14.68456	11.18810	77	62.70625	41.80443	31.35352	23.88810	119	96.04375	64.02957	48.02248	36.58810	161	129.38125	86.25471	64.69144	49.28810
36	30.16250	20.10846	15.08144	11.49048	78	63.50000	42.33360	31.75040	24.19048	120	96.83750	64.55874	48.41936	36.89048	162	130.17500	86.78388	65.08832	49.59048
37	30.95625	20.63763	15.47832	11.79286	79	64.29375	42.86277	32.14728	24.49286	121	97.63125	65.08791	48.81624	37.19286	163	130.96875	87.31305	65.48520	49.89286
38	31.75000	21.16680	15.87520	12.09524	80	65.08750	43.39194	32.54416	24.79524	122	98.42500	65.61708	49.21312	37.49524	164	131.76250	87.84222	65.88208	50.19524
39	32.54375	21.69597	16.27208	12.39762	81	65.88125	43.92111	32.94104	25.09762	123	99.21875	66.14625	49.61000	37.79762	165	132.55625	88.37139	66.27896	50.49762
40	33.33750	22.22514	16.66896	12.70000	82	66.67500	44.45028	33.33792	25.40000	124	100.01250	66.67542	50.00688	38.10000	166	133.35000	88.90056	66.67584	50.80000
41	34.13125	22.75431	17.06584	13.00238	83	67.46875	44.97945	33.73480	25.70238	125	100.80625	67.20459	50.40376	38.40238	167	134.14375	89.42973	67.07272	51.10238
42	34.92500	23.28348	17.46272	13.30476	84	68.26250	45.50862	34.13168	26.00476	126	101.60000	67.73376	50.80064	38.70476	168	134.93750	89.95890	67.46960	51.40476

モジュール値=25.4(mm, 1inch) ÷ ダイアメトラルピッチ (DP, 32/48/64/84)

歯先直径 = モジュール×(歯数+2)

Kimihiko-yano.net 2018