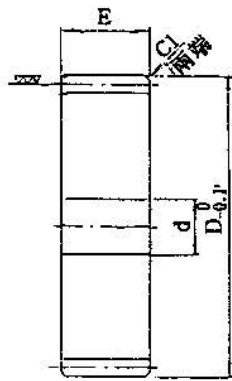
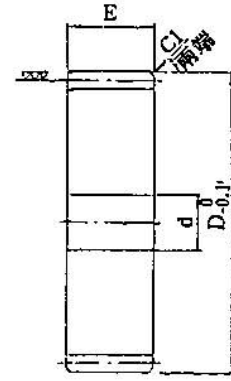


模數M=1
壓力角 $\alpha 20^\circ$
材質: S45C



T	Do	D	E	T	Do	D	E
15	15	17	10	37	37	39	10
16	16	18	10	38	38	40	10
17	17	19	10	39	39	41	10
18	18	20	10	40	40	42	10
19	19	21	10	41	41	43	10
20	20	22	10	42	42	44	10
21	21	23	10	43	43	45	10
22	22	24	10	44	44	46	10
23	23	25	10	45	45	47	10
24	24	26	10	46	46	48	10
25	25	27	10	47	47	49	10
26	26	28	10	48	48	50	10
27	27	29	10	49	49	51	10
28	28	30	10	50	50	52	10
29	29	31	10	55	55	57	10
30	30	32	10	60	60	62	10
31	31	33	10	65	65	67	10
32	32	34	10	70	70	72	10
33	33	35	10	75	75	77	10
34	34	36	10	80	80	82	10
35	35	37	10	85	85	87	10
36	36	38	10	90	90	92	10

模數M=1.5
壓力角 $\alpha 20^\circ$
材質: S45C



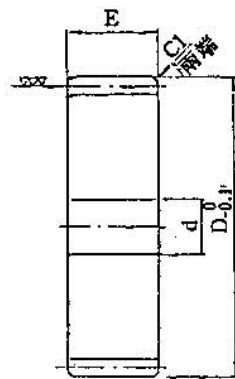
T	Do	D	E	T	Do	D	E
15	22.5	25.5	15	37	55.5	58.5	15
16	24	27	15	38	57	60	15
17	25.5	28.5	15	39	58.5	61.5	15
18	27	30	15	40	60	63	15
19	28.5	31.5	15	41	61.5	64.5	15
20	30	33	15	42	63	66	15
21	31.5	34.5	15	43	64.5	67.5	15
22	33	36	15	44	66	69	15
23	34.5	37.5	15	45	67.5	70.5	15
24	36	39	15	46	69	72	15
25	37.5	40.5	15	47	70.5	73.5	15
26	39	42	15	48	72	75	15
27	40.5	43.5	15	49	73.5	76.5	15
28	42	45	15	50	75	78	15
29	43.5	46.5	15	55	82.5	85.5	15
30	45	48	15	60	90	93	15
31	46.5	49.5	15	65	97.5	97.5	15
32	48	51	15	70	105	108	15
33	49.5	52.5	15	75	112.5	115.5	15
34	51	54	15	80	120	123	15
35	52.5	55.5	15	85	127.5	130.5	15
36	54	57	15	90	135	138	15

A型標準正齒輪

Standard spur gears A Type

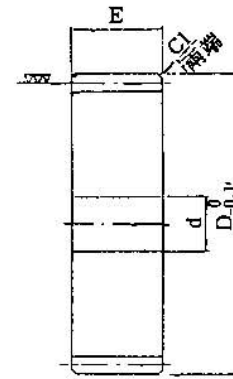
齒輪系列 

模數M=2
壓力角 $\alpha 20^\circ$
材質: S45C



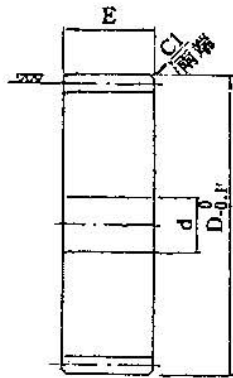
T	Do	D	E	T	Do	D	E
15	30	34	20	37	74	78	20
16	32	36	20	38	76	80	20
17	34	38	20	39	78	82	20
18	36	40	20	40	80	84	20
19	38	42	20	41	82	86	20
20	40	44	20	42	84	88	20
21	42	46	20	43	86	90	20
22	44	48	20	44	88	92	20
23	46	50	20	45	90	94	20
24	48	52	20	46	92	96	20
25	50	54	20	47	94	98	20
26	52	56	20	48	96	100	20
27	54	58	20	49	98	102	20
28	56	60	20	50	100	104	20
29	58	62	20	55	110	114	20
30	60	64	20	60	120	124	20
31	62	66	20	65	130	134	20
32	64	68	20	70	140	144	20
33	66	70	20	75	150	154	20
34	68	72	20	80	160	164	20
35	70	74	20	85	170	174	20
36	72	76	20	90	180	184	20

模數M=2.5
壓力角 $\alpha 20^\circ$
材質: S45C



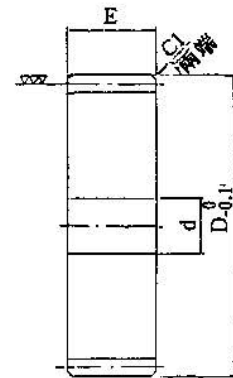
T	Do	D	E	T	Do	D	E
15	37.5	42.5	25	37	92.5	97.5	25
16	40	45	25	38	95	100	25
17	42.5	47.5	25	39	97.5	102.5	25
18	45	50	25	40	100	105	25
19	47.5	52.5	25	41	102.5	107.5	25
20	50	55	25	42	105	110	25
21	52.5	57.5	25	43	107.5	112.5	25
22	55	60	25	44	110	115	25
23	57.5	62.5	25	45	112.5	117.5	25
24	60	65	25	46	115	120	25
25	62.5	67.5	25	47	117.5	122.5	25
26	65	70	25	48	120	125	25
27	67.5	72.5	25	49	122.5	127.5	25
28	70	75	25	50	125	130	25
29	72.5	77.5	25	55	137.5	142.5	25
30	75	80	25	60	150	155	25
31	77.5	82.5	25	65	162.5	167.5	25
32	80	85	25	70	175	180	25
33	82.5	87.5	25	75	187.5	192.5	25
34	85	90	25	80	200	205	25
35	87.5	87.5	25	85	212.5	217.5	25
36	90	90	25	90	225	230	25

模數M=3
壓力角 $\alpha 20^\circ$
材質: S45C



T	Do	D	E
15	45	51	28
16	48	54	28
17	51	57	28
18	54	60	28
19	57	63	28
20	60	66	28
21	63	69	28
22	66	72	28
23	69	75	28
24	72	78	28
25	75	81	28
26	78	84	28
27	81	87	28
28	84	90	28
29	87	93	28
30	90	96	28
31	93	99	28
32	96	102	28
33	99	105	28
34	102	108	28
35	105	111	28
36	108	114	28

模數M=4
壓力角 $\alpha 20^\circ$
材質: S45C



T	Do	D	E
15	60	68	32
16	64	72	32
17	68	76	32
18	72	80	32
19	76	84	32
20	80	88	32
21	84	92	32
22	88	96	32
23	92	100	32
24	96	104	32
25	100	108	32
26	104	112	32
27	108	116	32
28	112	120	32
29	116	124	32
30	120	128	32
31	124	132	32
32	128	136	32
33	132	140	32
34	136	144	32
35	140	148	32
36	144	152	32

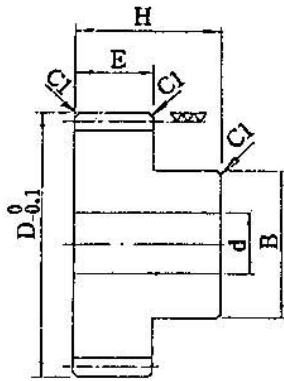
PS:熱處理請特別注明

B型标准正齒輪

Standard spur gears B Type

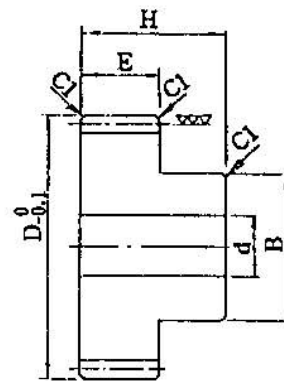
齒輪系列 

模數M=1
壓力角 $\alpha 20^\circ$
材質: S45C



T	Do	D	E	H	B
15	15	17	10	20	12
16	16	18	10	20	13
17	17	19	10	20	14
18	18	20	10	20	15
19	19	21	10	20	16
20	20	22	10	20	17
21	21	23	10	20	18
22	22	24	10	20	19
23	23	25	10	20	20
24	24	26	10	20	21
25	25	27	10	20	22
26	26	28	10	20	23
27	27	29	10	20	24
28	28	30	10	20	25
29	29	31	10	20	26
30	30	32	10	20	27
31	31	33	10	20	28
32	32	34	10	20	29
33	33	35	10	20	30
34	34	36	10	20	30
35	35	37	10	20	32
36	36	38	10	20	32

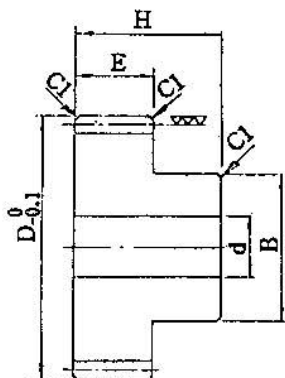
模數M=1.5
壓力角 $\alpha 20^\circ$
材質: S45C



T	Do	D	E	H	B
15	22.5	25.5	15	28	18
16	24	27	15	28	20
17	25.5	28.5	15	28	20
18	27	30	15	28	23
19	28.5	31.5	15	28	24
20	30	33	15	28	26
21	31.5	34.5	15	28	27
22	33	36	15	28	28
23	34.5	37.5	15	28	30
24	36	39	15	28	32
25	37.5	40.5	15	28	33
26	39	42	15	28	35
27	40.5	43.5	15	28	36
28	42	45	15	28	38
29	43.5	46.5	15	28	39
30	45	48	15	28	40
31	46.5	49.5	15	28	42
32	48	51	15	28	44
33	49.5	52.5	15	28	45
34	51	54	15	28	46
35	52.5	57	15	28	48
36	54	58.5	15	28	50

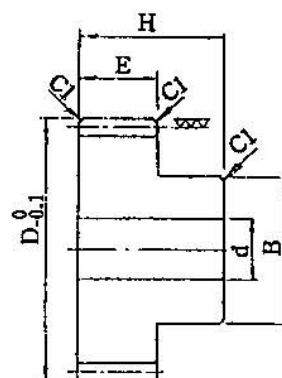
T	Do	D	E	H	B
37	55.5	58.5	15	28	50
38	57	60	15	28	52
39	58.5	61	15	28	52
40	60	63	15	28	54
41	61	64.5	15	28	55
42	63	66	15	28	58
43	64.5	67.5	15	28	58
44	66	69	15	28	60
45	67.5	70.5	15	28	62
46	69	72	15	28	62
47	70.5	73.5	15	28	62
48	72	75	15	28	62
49	73.5	76.5	15	28	65
50	75	78	15	28	65
55	82.5	85.5	15	28	
60	90	93	15	28	
65	97.5	97.5	15	28	
70	105	108	15	28	
75	112.5	115.5	15	28	
80	120	123	15	28	
85	127.5	130.5	15	28	
90	135	138	15	28	

模數M=2
壓力角 $\alpha 20^\circ$
材質: S45C



T	Do	D	E	H	B
15	30	34	20	35	24
16	32	36	20	35	26
17	34	38	20	35	28
18	36	40	20	35	30
19	38	42	20	35	32
20	40	44	20	35	34
21	42	46	20	35	36
22	44	48	20	35	38
23	46	50	20	35	40
24	48	52	20	35	42
25	50	54	20	35	42
26	52	56	20	35	45
27	54	58	20	35	48
28	56	60	20	35	50
29	58	62	20	35	50
30	60	64	20	35	52
31	62	66	20	35	54
32	64	68	20	35	56
33	66	70	20	35	58
34	68	72	20	35	60
35	70	74	20	35	60
36	72	76	20	35	62

模數M=2.5
壓力角 $\alpha 20^\circ$
材質: S45C



T	Do	D	E	H	B
15	37.5	42.5	25	40	30
16	40	45	25	40	32
17	42.5	47.5	25	40	35
18	45	50	25	40	38
19	47.5	52.5	25	40	40
20	50	55	25	40	42
21	52.5	57.5	25	40	42
22	55	60	25	40	46
23	57.5	62.5	25	40	48
24	60	65	25	40	50
25	62.5	67.5	25	40	55
26	65	70	25	40	55
27	67.5	72.5	25	40	60
28	70	75	25	40	60
29	72.5	77.5	25	40	65
30	75	80	25	40	65
31	77.5	82.5	25	40	70
32	80	85	25	40	70
33	82.5	87.5	25	40	75
34	85	90	25	40	75
35	87.5	92.5	25	40	78
36	90	95	25	40	80

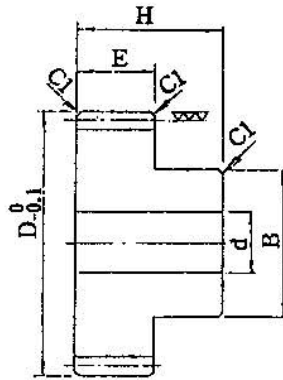
T	Do	D	E	H	B
37	92.5	97.5	25	40	80
38	95	100	25	40	85
39	97.5	102.5	25	40	85
40	100	105	25	40	90
41	102.5	107.5	25	40	90
42	105	110	25	40	95
43	107.5	112.5	25	40	95
44	110	115	25	40	98
45	112.5	117.5	25	40	100
46	115	120	25	40	100
47	117.5	122.5	25	40	100
48	120	125	25	40	100
49	122.5	127.5	25	40	110
50	125	130	25	40	110
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					

B型標準正齒輪

Standard spur gears B Type

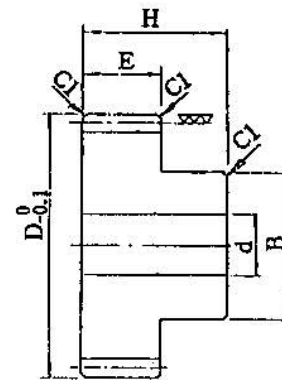
齒輪系列 

模數M=3
壓力角 α 20°
材質: S45C



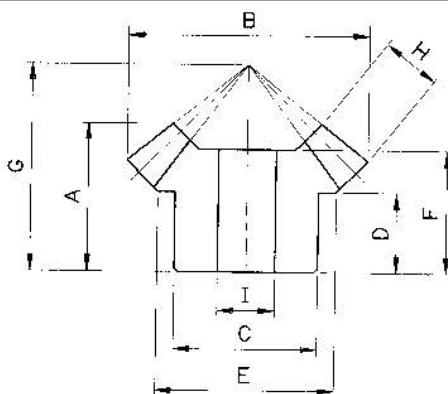
T	Do	D	E	H	B
15	45	51	28	46	36
16	48	54	28	46	38
17	51	57	28	46	40
18	54	60	28	46	42
19	57	63	28	46	47
20	60	66	28	46	50
21	63	69	28	46	55
22	66	72	28	46	55
23	69	75	28	46	60
24	72	78	28	46	60
25	75	81	28	46	65
26	78	84	28	46	65
27	81	87	28	46	68
28	84	90	28	46	70
29	87	93	28	46	75
30	90	96	28	46	75
31	93	99	28	46	85
32	96	102	28	46	85
33	99	105	28	46	90
34	102	108	28	46	90
35	105	105	28	46	95
36	108	108	28	46	95

模數M=4
壓力角 α 20°
材質: S45C



T	Do	D	E	H	B
15	60	68	32	50	48
16	64	72	32	50	52
17	68	76	32	50	56
18	72	80	32	50	60
19	76	84	32	50	64
20	80	88	32	50	68
21	84	92	32	50	72
22	88	96	32	50	76
23	92	100	32	50	78
24	96	104	32	50	82
25	100	108	32	50	86
26	104	112	32	50	90
27	108	116	32	50	94
28	112	120	32	50	95
29	116	124	32	50	95
30	120	128	32	50	95
31	124	132	32	50	65
32	128	136	32	50	65
33	132	140	32	50	65
34	136	144	32	50	65
35	140	148	32	50	65
36	144	152	32	50	65

品名：傘齒輪
比速：1:1
材質：45C
模數：M=1.5



模數M = 1

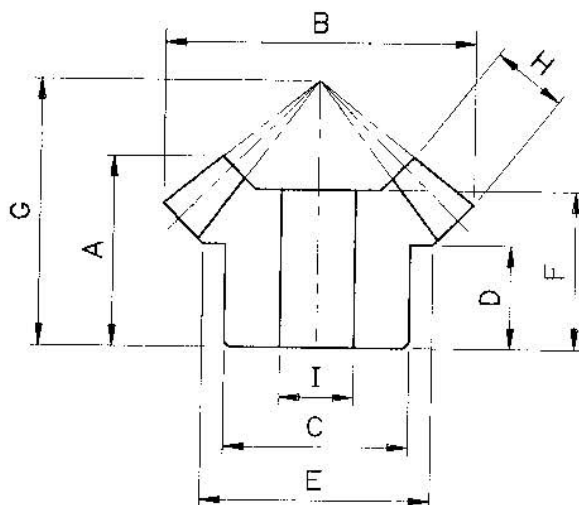
尺寸 齒數	A	B	C	D	E	F	G	H	I
18	13	19.41	16	8.5	16	11.9	18.36	4.5	6
20	14	21.41	16	9.0	18	12.9	20.00	5.0	6
24	15	25.41	20	9.5	22	13.85	22.63	5.5	8
25	16	26.41	20	10.5	23	14.88	23.79	6.0	8
30	19	31.41	22	11.0	28	15.83	26.91	6.5	8

模數M = 1.5

尺寸 齒數	A	B	C	D	E	F	G	H	I
15	15	24.62	18.5	8	18.5	13.45	21.03	6.5	8
18	18	29.12	23	9.5	23	15.91	25.23	8	8
20	18.5	32.12	26	10	26	16.31	27.18	8	8
24	22	38.12	30	11	30	19.84	32.28	10	10
25	23	39.62	31.5	12	31.5	20.81	34.02	10	10
30	27	47.12	39	15	39	24.81	40.35	12	10

模數M = 2

尺寸 齒數	A	B	C	D	E	F	G	H	I
15	20	32.83	25	10	25	17.81	27.82	9	8
18	22	38.83	31	11.5	31	19.36	32.07	10	10
20	25	42.83	34	14	35	22.35	36.36	11	10
24	28.5	50.83	39	15	41	25.48	42.44	13	12
25	30.5	52.83	43	18	45	27.78	45.41	13	12
30	33.5	62.83	50	18.5	53	31.30	51.98	15	12



品名：傘齒輪

比速：1:1

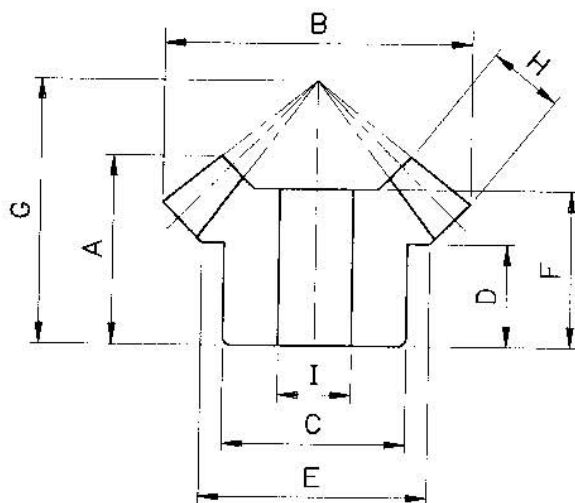
材質：45C

模數 $M = 2.5$

尺寸 齒數	A	B	C	D	E	F	G	H	I
12	26	33.54	24	15.5	25	23.76	33	10	10
15	28	41.036	30	16	32	25.33	37.30	12	10
18	29	48.536	36	16	38	25.46	41.91	12	12
20	30	53.536	41	16	43	27.13	44.69	13	12
24	34	63.536	48	17	50	30.72	52.25	15	15
25	35	66.036	52	18.5	54	31.76	53.81	16	15
30	40	78.536	63	21	65	36.67	63.60	18	15

模數 $M = 3$

尺寸 齒數	A	B	C	D	E	F	G	H	I
12	28	40.24	30	15.5	30	25.12	36.39	12	12
15	30	49.24	36	16	38	26.56	42.05	13	12
18	32	58.24	45	16.5	47	28.39	47.11	15	15
20	37	64.24	50	21	52	32.85	55.02	15	15
24	43	76.24	60	24.5	62	38.76	65.57	17	15
25	45	79.24	62	26.5	65	40.70	69.04	17	15
30	45	94.24	74	24	80	40.74	73.73	21	20



品名：傘齒輪

比速：1:1

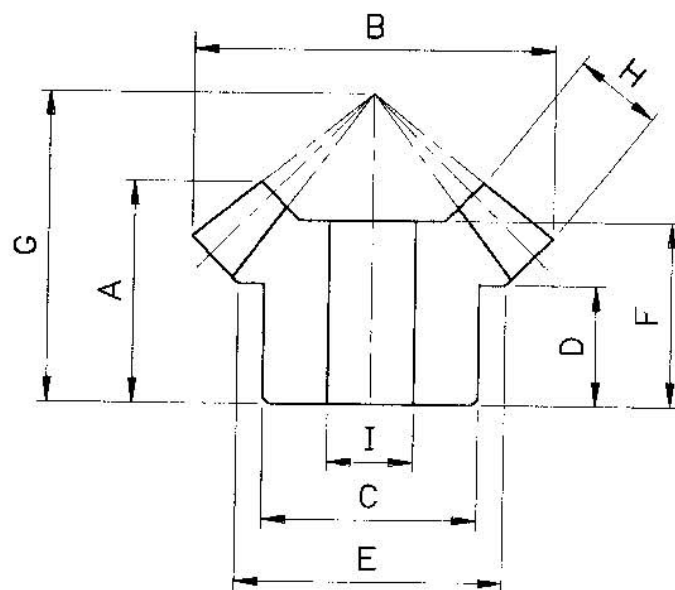
材質：45C

模數 $M = 3.5$

尺寸 齒數	A	B	C	D	E	F	G	H	I
12									
15									
18									
20	40	74.95	58	20.5	60	35.04	60.7	18	15
24	42	88.95	70	21	74	37.25	68.22	20	20
25	44	92.45	72	22	76	39.26	71.27	21	20
30	49	109.95	90	23	93.5	44.67	81.51	26	20

模數 $M = 4$

尺寸 齒數	A	B	C	D	E	F	G	H	I
12									
15	36	65.66	50	17.5	51.5	30.92	51.64	18	15
18	40	77.66	60	20	62	34.60	60.79	19	15
20	45	85.66	68	24	70	39.47	69.03	20	18
24	48	101.66	78	23	80	42.19	79.2	21	19
25	50	105.66	80	24.5	84	44.2	82.5	22	19
30	55	125.66	100	27.5	104	48.39	95.33	25	25



品名：傘齒輪
比速：1:1
材質：45C

模數 $M = 5$

尺寸 齒數	A	B	C	D	E	F	G	H	I
12									
15	45	82.07	58	20	60	38.93	64.87	22	20
18	47	97.07	72	20.5	75	39.92	72.83	24	20
20	52	107.07	82	24.5	85	44.74	82.04	25	20
24	54	127.07	102	26.5	105	46.27	93.83	25	22
25	55	132.07	108	26.5	110	48.32	96.62	26	25
30	60	157.07	132	30	135	52.02	112.60	28	25

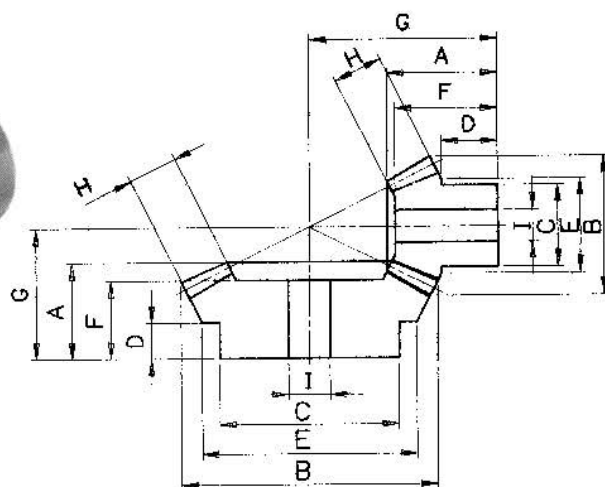
模數 $M = 6$

尺寸 齒數	A	B	C	D	E	F	G	H	I
20	62	128.48	90	28	100	53	98.04	30	25
25	62	158.48	110	25	125	53.74	112.74	30	25

模數 $M = 7$

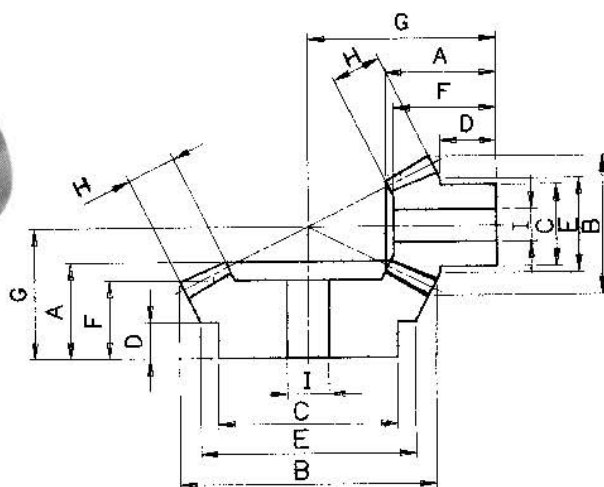
尺寸 齒數	A	B	C	D	E	F	G	H	I
20	72	149.9	110	34.5	125	63.72	112.08	38	25

品名：傘齒輪
模數：1-5-4
材質：S45C
速比：1/1.5
齒數：20.30



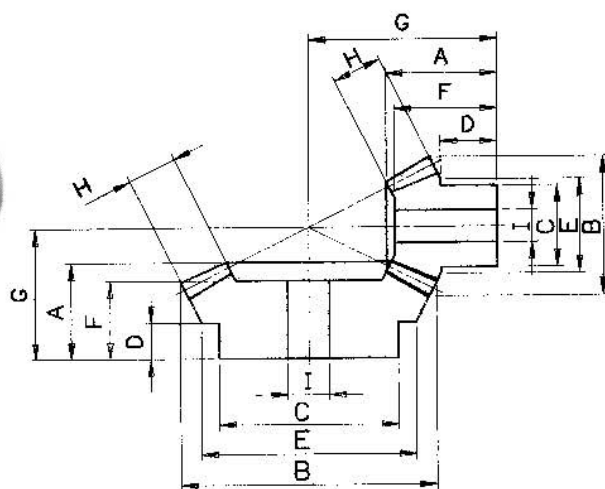
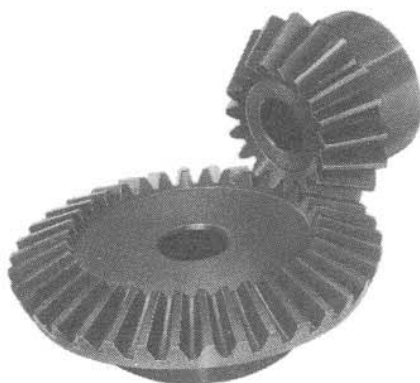
品名編號	模數	齒數	A	B	C	D	E	F	G	H	I
A152030S A152030L	1.5	20 30	21 23	32.49 46.66	25 35	11.5 13	25 39.59	19.47 20.29	35.45 32.18	9 9	6 10
A202030S A202030L	2	20 30	26 26	43.33 62.22	34 45	13.5 13.5	34 53.9	24.22 22.67	45.28 38.23	12 12	10 10
A252030S A252030L	2.5	20 30	34 34	54.16 77.77	42 60	16.5 16.5	42 65.99	31.78 29.42	56.49 48.27	17 17	12 15
A302030S A302030L	3	20 30	46 45	64.99 93.33	50 65	24 24.5	50 80.29	43.43 39.90	72.51 61.82	21 21	15 18
A402030S A402030L	4	20 30	52 48	86.65 124.43	65 80	22.5 23	65 110.02	48.89 42.59	87.35 70.43	28 28	20 20

品名：傘齒輪
模數：1-5
材質：S45C
速比：1/2
齒數：15.30



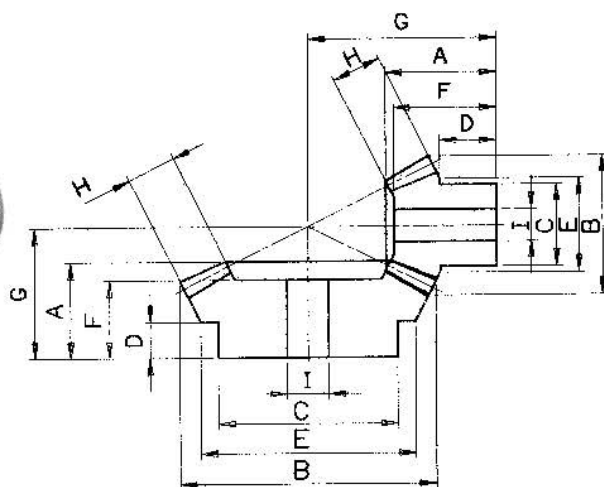
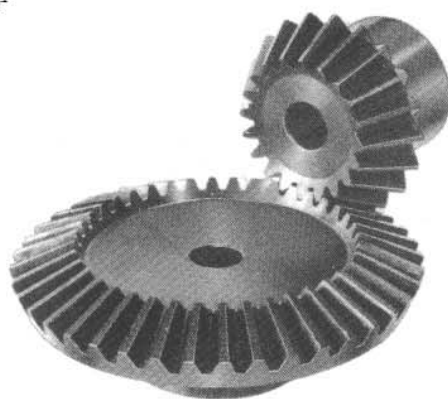
品名編號	模數	齒數	A	B	C	D	E	F	G	H	I
A101530S A101530L	1	15 30	18 17	16.79 30.89	12.50 28	11.5 11.5	12.50 28	17.31 15.62	27.35 21.24	6 6	6 8
A151530S A151530L	1.5	15 30	22 22	25.18 46.34	18.25 36	11.5 12.5	18.25 40.64	21 19.29	35.15 27.97	10 10	8 10
A201530S A201530L	2	15 30	25 25	33.58 61.79	25 48	12.5 13.5	25 55	23.66 21.52	43.69 33.48	12 12	10 12
A251530S A251530L	2.5	15 30	31 30	41.97 77.24	31 55	15 15.5	31 68.63	29.16 24.98	54.36 40.61	15 15	12 15
A301530S A301530L	3	15 30	35 35	50.37 92.68	37 65	16 16.5	37 81.28	33.02 28.44	63.04 47.73	18 18	12 15
A401530S A401530L	4	15 30	50 48	67.16 123.58	50 80	24 25	50 110.16	47.39 41.16	86.52 64.58	25 25	16 20
A501530S A501530L	5	15 30	65 54	83.94 154.47	62 120	33.5 25	62 137.25	61.68 44.85	111.73 75.21	30 30	20 25

品名：傘齒輪
模數：1-5
材質：S45C
速比：1/2
齒數：18.36



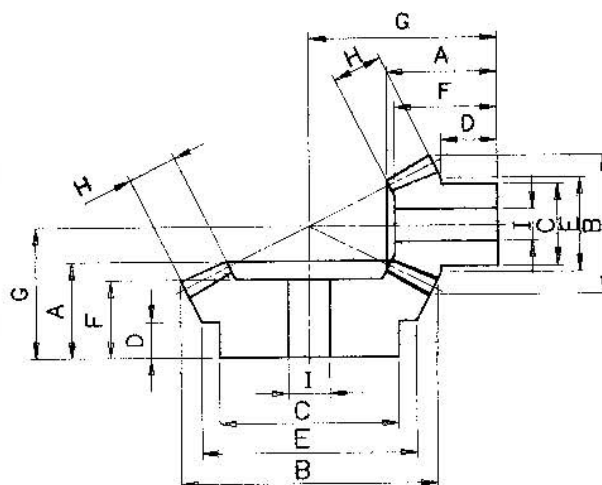
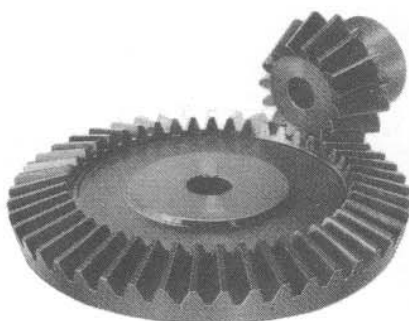
品名編號	模數	齒數	A	B	C	D	E	F	G	H	I
A101836S A101836L	1	18 36	16 14	19.79 36.89	15.5 33	9.5 7.5	15.5 33	15.25 11.69	28.32 19.69	6 6	6 8
A151836S A151836L	1.5	18 36	24 24	29.68 55.34	23 40	12 14	23 50	23.05 21.29	39.86 31.33	12 12	8 10
A201836S A201836L	2	18 36	34 28	39.58 73.79	30 60	18.5 14	30 66	32.65 24.58	56.02 38.17	15 15	12 12
A251836S A251836L	2.5	18 36	36 32	79.47 92.24	38.5 75	17.5 17	38.5 84.52	34.29 27.87	64.18 45.01	18 18	12 16
A301836S A301836L	3	18 36	48 39	59.37 110.68	46 70	23 18.5	46 100.17	46.10 34.57	78.85 53.25	25 25	16 20
A401836S A401836L	4	18 36	55 47	79.16 147.58	62 95	26 22.5	62 134.16	51.61 37.28	100.79 68.14	28 28	20 20
A501836S A501836L	5	18 36	69 56	98.94 184.47	77 100	37.5 25	77 165.47	65.38 44.47	130.6 84.44	30 30	25 25

品名：傘齒輪
模數：1-5
材質：S45C
速比：1/2
齒數：20.40



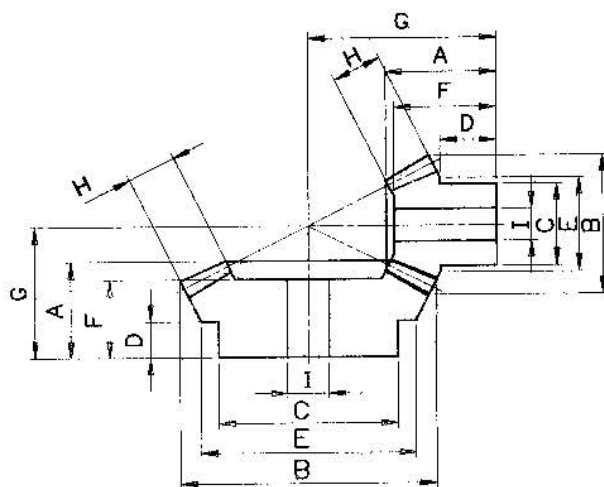
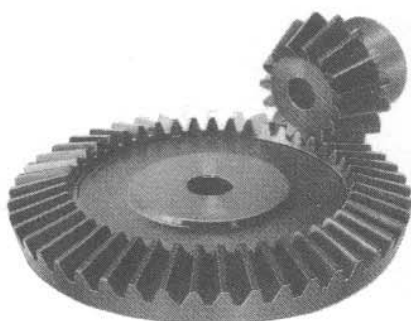
品名編號	模數	齒數	A	B	C	D	E	F	G	H	I
A102040S A102040L	1	20 40	16 16	21.79 40.89	16 35	9.5 9.5	16 37	15.17 13.63	30.31 22.66	6 6	6 8
A152040S A152040L	1.5	20 40	27 25	32.68 61.34	25 40	14.5 14.5	25 55.64	25.99 22.88	45.84 33.77	12 12	10 12
A202040S A202040L	2	20 40	34 30	43.58 81.79	35 62	18.5 15	35 73	32.44 24.64	59.99 42.10	15 15	12 15
A252040S A252040L	2.5	20 40	44 33	54.47 102.24	40 90	24 17.5	40 94.52	41.89 27.89	76.27 48.03	19 19	12 15
A302040S A302040L	3	20 40	51 42	65.37 122.68	50 80	27 19	50 110	48.07 35.26	90.42 60.36	22 22	16 20
A402040S A402040L	4	20 40	55 46	87.16 163.58	62 95	24 21	62 150.16	50.89 36	108.73 71.02	28 28	20 20
A502040S A502040L	5	20 40	69 55	108.94 204.47	80 100	35.5 26	80 187.7	63.75 44.95	140.53 88.31	30 30	20 20

品名：傘齒輪
模數：1-5
材質：S45C
速比：1/3
齒數：15.45



品名編號	模數	齒數	A	B	C	D	E	F	G	H	I
A101545S A101545L	1	15 45	14.5 12.5	16.90 45.63	12 42	8 5.5	12 42	13.94 9.96	31.07 17.39	6 6	6 6
A151545S A151545L	1.5	15 45	23.5 21	25.35 68.45	18 40	13 11.5	18 64	22.70 16.80	47.42 28.06	10 10	8 10
A201545S A201545L	2	15 45	30 31	33.79 91.26	24 65	14.5 17.5	24 85	28.96 27.13	60.34 39.96	15 15	10 12
A251545S A251545L	2.5	15 45	40 38	42.24 114.08	30 70	19.5 21.5	30 106.73	38.79 31.62	76.75 48.85	20 20	12 15
A301545S A301545L	3	15 45	45 39	50.69 136.90	35 80	21 21.5	35 129.47	43.14 31.82	90.03 52.3	23 23	15 21
A401545S A401545L	4	15 45	54 51	67.59 182.53	49.5 90	23 23	49.5 169.25	51.74 40.42	114.67 68.92	30 30	16 20
A501545S A501545L	5	15 45	67 50	84.49 228.16	60 120	30 20	60 214.72	63.86 37.73	145.18 73.09	35 35	20 25

品名：傘齒輪
模數：1-5
材質：S45
速比：1/3
齒數：20.60



品名編號	模數	齒數	A	B	C	D	E	F	G	H	I
A102060S A102060L	1	20 60	21 25	21.90 60.63	15 35	14 16.5	15 56	20.36 21.37	45.05 32.33	6 6	6 10
A152060S A152060L	1.5	20 60	27 35	32.85 90.95	25 50	14.5 23.5	25 85.65	26.04 30.71	60.26 45.14	12 12	8 10
A202060S A202060L	2	20 60	35 50	43.79 121.26	34.5 60	19.5 26	34.5 108	33.76 43.90	80.29 63.81	15 15	10 20
A252060S A252060L	2.5	20 60	45 50	54.74 151.58	43 70	24 25	43 138.54	43.51 43.17	100.44 66.90	20 20	16 25
A302060S A302060L	3	20 60	50 51	65.69 181.90	50 90	26 24	50 168.14	47.59 41.41	117.46 71.57	23 23	15 25
A402060S A402060L	4	20 60	70 80	87.59 242.53	68 95	38.5 34.5	68 217.86	67.67 67.79	160.57 107.62	30 30	20 25
A502060S A502060L	5	20 60	75 90	109.49 303.16	80 140	37 41	80 227.07	71.60 78.84	190.56 125.24	35 35	25 25