



Spur Gears

Stock Steel and Plate Type Minimum Bore Spur Gears

14 1/2° PRESURE ANGLE

8 Pitch 1 1/4" Face

No. Teeth	Diameter	
	Pitch	Nominal O.D.
11	1.500	1.75
12	1.500	1.75
13	1.625	1.87
14	1.750	2.00
15	1.875	2.12
16	2.000	2.25
17	2.125	2.37
18	2.250	2.50
19	2.375	2.62
20	2.500	2.75
21	2.625	2.87
22	2.750	3.00
24	3.000	3.25
26	3.250	3.50
28	3.500	3.75
30	3.750	4.00
32	4.000	4.25
36	4.500	4.75
40	5.000	5.25
42	5.250	5.50
44	5.500	5.75
48	6.000	6.25
52	6.500	6.75
54	6.750	7.00
56	7.000	7.25
60	7.500	7.75
64	8.000	8.25
68	8.500	8.75
72	9.000	9.25
76	9.500	9.75
80	10.000	10.25
84	10.500	10.75
88	11.000	11.25
92	11.500	11.75
96	12.000	12.25
100	12.500	12.75
112	14.000	14.25
120	15.000	15.25
128	16.000	16.25
144	18.000	18.25
160	20.000	20.25
168	21.000	21.25

10 Pitch 1" Face

No. Teeth	Diameter	
	Pitch	Nominal O.D.
11	1.200	1.40
12	1.200	1.40
13	1.300	1.50
14	1.400	1.60
15	1.500	1.70
16	1.600	1.80
17	1.700	1.90
18	1.800	2.00
19	1.900	2.10
20	2.000	2.20
21	2.100	2.30
22	2.200	2.40
24	2.400	2.60
25	2.500	2.70
26	2.600	2.80
28	2.800	3.00
30	3.000	3.20
32	3.200	3.40
35	3.500	3.70
36	3.600	3.80
38	3.800	4.00
40	4.000	4.20
42	4.200	4.40
45	4.500	4.70
48	4.800	5.00
50	5.000	5.20
54	5.400	5.80
55	5.500	5.70
60	6.000	6.20
64	6.400	6.60
65	6.500	6.70
70	7.000	7.20
72	7.200	7.40
75	7.500	7.70
80	8.000	8.20
84	8.400	8.60
85	8.500	8.70
90	9.000	9.20
95	9.500	9.70
96	9.600	9.80
100	10.000	10.20
105	10.500	10.70
110	11.000	11.20
112	11.200	11.40
120	12.000	12.20
130	13.000	13.20
140	14.000	14.20
144	14.400	14.60
150	15.000	15.20
160	16.000	16.20
170	17.000	17.20
180	18.000	18.20
200	20.000	20.20

12 Pitch 3/4" Face

No. Teeth	Diameter	
	Pitch	Nominal O.D.
11	1.000	1.16
12	1.000	1.16
13	1.083	1.25
14	1.167	1.33
15	1.250	1.41
16	1.333	1.50
17	1.417	1.58
18	1.500	1.66
19	1.583	1.75
20	1.667	1.83
21	1.750	1.91
22	1.833	2.00
23	1.917	2.08
24	2.000	2.16
25	2.083	2.25
26	2.167	2.33
28	2.333	2.50
30	2.500	2.66
32	2.667	2.83
34	2.833	3.00
36	3.000	3.16
38	3.167	3.33
40	3.333	3.50
42	3.500	3.66
44	3.667	3.83
48	4.000	4.16
54	4.500	4.66
56	4.667	4.83
60	5.000	5.16
64	5.333	5.50
66	5.500	5.66
72	6.000	6.16
78	6.500	6.66
84	7.000	7.16
90	7.500	7.66
96	8.000	8.16
102	8.500	8.66
108	9.000	9.16
112	9.333	9.50
114	9.500	9.66
120	10.000	10.16
126	10.500	10.66
132	11.000	11.16
144	12.000	12.16
156	13.000	13.16
168	14.000	14.16
180	15.000	15.16
192	16.000	16.16
198	16.500	16.66

Note:

- 1) Steel Gears Available Complete range Ex-stock
- 2) 16 Pitch - 18 Pitch - 20 Pitch-22 Pitch & 24 Pitch available with 1/2" Face with 1/2" length boss . 14 1/2° Pressure Angle
- 3) Complete Range available in 14Pitch, 3/4" Face, 14 1/2° Pressure Angle plate type with Pilot Bore