

4 DP Spur Gears

4 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	(Max.)	Hub (Type)	(Dia.)	(Proj.)
11SG04	11*	3.000"	3.500"	3/4"	1-1/4"	B	2-1/4"	7/8"
12SG04	12	3.000"	3.500"	3/4"	1-1/4"	B	2-1/4"	7/8"
13SG04	13	3.250"	3.750"	3/4"	1-1/4"	B	2-1/4"	7/8"
14SG04	14	3.500"	4.000"	3/4"	1-5/8"	B	2-3/4"	7/8"
15SG04	15	3.750"	4.250"	3/4"	1-3/4"	B	3"	7/8"
16SG04	16	4.000"	4.500"	3/4"	1-3/4"	B	3-1/4"	7/8"
17SG04	17	4.250"	4.750"	3/4"	2"	B	3-1/2"	7/8"
18SF04	18	4.500"	5.000"	3/4"	2"	B	3-1/2"	7/8"
19SG04	19	4.750"	5.250"	3/4"	2"	B	3-1/2"	7/8"
20SG04	20	5.000"	5.500"	3/4"	2-1/8"	B	3-3/4"	7/8"
21SG04	21	5.250"	5.750"	3/4"	2-3/8"	B	4"	7/8"
22SG04	22	5.500"	6.00"	3/4"	2-5/8"	B	4-1/4"	7/8"
24SG04	24	6.000"	6.500"	3/4"	2-7/8"	B	4-1/2"	1-1/2"
26SG04	26	6.500"	7.000"	3/4"	2-7/8"	B	4-1/2"	1-1/2"
28SG04	28	7.000"	7.500"	3/4"	2-7/8"	B	4-1/2"	1-1/2"
30SG04	30	7.500"	8.000"	3/4"	2-7/8"	B	4-1/2"	1-1/2"
32SG04	32	8.000"	8.500"	3/4"	2-7/8"	B	4-1/2"	1-1/2"
36SG04	36	9.000"	9.500"	3/4"	2-7/8"	B	4-1/2"	1-1/2"
40SG04	40	10.000"	10.500"	3/4"	3-3/8"	B	5-1/8"	1-1/2"
42SG04	42	10.500"	11.000"	3/4"	3-3/8"	B	5-1/8"	1-1/2"
44SG04	44	11.000"	11.500"	3/4"	3-3/8"	B	5-1/8"	1-1/2"
48SG04	48	12.000"	12.500"	3/4"	3-3/8"	B	5-1/8"	1-1/2"
54SG04	54	13.500"	14.000"	3/4"	3-3/8"	B	5"	1-1/2"
56SG04	56	14.000"	14.500"	3/4"	3-3/8"	B	5"	1-1/2"
60SG04	60	15.000"	15.500"	3/4"	3-3/8"	B	5"	1-1/2"
64SG04	64	16.000"	16.500"	3/4"	3-3/8"	B	5"	1-1/2"
72SG04	72	18.000"	18.500"	3/4"	3-3/8"	B	5-1/2"	1-1/2"
80SG04	80	20.000"	20.500"	3/4"	3-3/8"	B	5-1/2"	1-1/2"
84SG04	84	21.000"	21.500"	3/4"	3-3/8"	B	5-1/2"	1-1/2"
88SG04	88	22.000"	22.500"	3/4"	3-3/8"	B	6-1/8"	1-1/2"
96SG04	96	24.000"	24.500"	3/4"	3-3/8"	B	6-1/8"	1-1/2"

NOTE!
 2" Face
 14-1/2° PA
 Material: Oil Filled Nylon

Power Plastics can custom manufacture any type of gears. From spur gears to helical gears to miter gears. Just call or fax with your customer specifications.

5 DP Spur Gears

5 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	(Max.)	Hub (Type)	(Dia.)	(Proj.)
11SG05	11*	2.400"	3.500"	3/4"	1"	B	1-25/32"	7/8"
12SG05	12	2.400"	3.500"	3/4"	1"	B	1-25/32"	7/8"
13SG05	13	2.600"	3.750"	3/4"	1"	B	2"	7/8"
14SG05	14	2.800"	4.000"	3/4"	1"	B	2-3/16"	7/8"
15SG05	15	3.000"	4.250"	3/4"	1"	B	2-3/8"	7/8"
16SG05	16	3.200"	4.500"	3/4"	1"	B	2-19/32"	7/8"
17SG05	17	3.400"	4.750"	3/4"	1-1/2"	B	2-7/8"	7/8"
18SG05	18	3.600"	5.000"	3/4"	1-3/4"	B	3"	7/8"
19SG05	19	3.800"	5.250"	3/4"	2"	B	3-1/4"	7/8"
20SG05	20	4.000"	5.500"	3/4"	2"	B	3-3/8"	7/8"
21SG05	21	4.200"	5.750"	3/4"	2"	B	3-3/8"	7/8"
22SG05	22	4.400"	6.00"	3/4"	2"	B	3-3/8"	7/8"
23SG05	23	4.600"	20.500"	3/4"	2"	B	3-3/8"	7/8"
24SG05	24	4.800"	6.500"	3/4"	2"	B	3-3/4"	7/8"
25SG05	25	5.000"	20.500"	3/4"	2"	B	3-3/4"	7/8"
26SG05	26	5.200"	7.000"	3/4"	2"	B	3-3/4"	7/8"
28SG05	28	5.600"	7.500"	3/4"	2"	B	3-3/4"	7/8"
30SG05	30	6.000"	8.000"	3/4"	2"	B	3-3/4"	1-1/4"
35SG05	35	7.000"	9.500"	3/4"	2-1/2"	B	3-3/4"	1-1/4"
40SG05	40	8.000"	10.500"	3/4"	2-1/2"	B	3-3/4"	1-1/4"
45SG05	45	9.000"	12.500"	3/4"	2-1/2"	B	3-3/4"	1-1/4"
50SG05	50	10.500"	14.000"	3/4"	2-1/2"	B	3-3/4"	1-1/4"
55SG05	55	11.000"	14.500"	3/4"	3"	B	3-3/4"	1-1/4"
60SG05	60	12.000"	15.500"	3/4"	3"	B	3-3/4"	1-1/4"
70SG05	70	14.000"	18.500"	3/4"	3"	B	5"	1-1/2"
80SG05	80	16.000"	20.500"	3/4"	3-1/2"	B	5"	1-1/2"
90SG05	90	18.000"	18.400"	3/4"	3-1/2"	B	5"	1-1/2"



NOTE!
 1-3/4" Face
 14-1/2° PA
 Material: Oil Filled Nylon

Polymer spur gears can outlast steel gears in many industrial applications and lubrication is not required. They also run well with steel gear sets and can protect from sudden mechanical failure by acting as a sacrifice gear.

The most common type of material is Nylon, but Power Plastics can manufacture gears in any material. They are also not limited to the specifications shown in the chart.

6 DP Spur Gears

6 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	(Max.)	Hub (Type)	(Dia.)	(Proj.)
11SG05	11*	2.000"	2.333"	3/4"	3/4"	B	1-1/2"	7/8"
12SG05	12	2.000"	2.333"	3/4"	3/4"	B	1-1/2"	7/8"
14SG05	14	2.333"	2.666"	3/4"	7/8"	B	1-13/16"	7/8"
15SG05	15	2.500"	2.833"	3/4"	1-1/8"	B	2"	7/8"
16SG05	16	2.666"	3.000"	3/4"	1-1/4"	B	2-5/32"	7/8"
18SG05	18	3.000"	3.333"	3/4"	1-3/8"	B	2-1/2"	7/8"
20SG05	20	3.333"	3.666"	3/4"	1-5/8"	B	2-27/32"	7/8"
21SG05	21	3.500"	3.833"	3/4"	1-3/4"	B	3"	7/8"
22SG05	22	3.666"	4.000"	3/4"	1-3/4"	B	3"	7/8"
24SG05	24	4.000"	4.333"	3/4"	1-3/4"	B	3"	1"
27SG05	27	4.500"	4.833"	3/4"	1-3/4"	B	3"	1"
28SG05	28	4.666"	5.000"	3/4"	1-3/4"	B	3"	1"
30SG05	30	5.000"	5.333"	3/4"	1-3/4"	B	3-1/8"	1"
32SG05	32	5.333"	5.666"	3/4"	1-3/4"	B	3-1/8"	1"
33SG05	33	5.500"	5.833"	3/4"	1-3/4"	B	3-1/4"	1"
36SG05	36	6.000"	6.333"	3/4"	2-3/8"	B	4"	1"
39SG05	39	6.500"	6.833"	3/4"	2-3/8"	B	4"	1"
40SG05	40	6.666"	7.000"	3/4"	2-3/8"	B	4"	1"
42SG05	42	7.000"	7.333"	3/4"	2-3/8"	B	4"	1"
45SG05	45	7.500"	7.833"	3/4"	2-3/8"	B	4"	1"
48SG05	48	8.000"	8.333"	3/4"	2-1/2"	B	4-1/8"	1"
52SG05	52	8.666"	9.000"	3/4"	2-5/8"	B	4-1/4"	1"
54SG05	54	9.000"	9.333"	3/4"	2-3/4"	B	4-3/8"	1"
58SG05	58	9.666"	10.000"	3/4"	2-3/4"	B	4-3/8"	1"
60SG05	60	10.000"	10.333"	3/4"	2-3/4"	B	4-3/8"	1-1/4"
64SG05	64	10.666"	11.000"	3/4"	2-3/4"	B	4-3/8"	1-1/4"
66SG05	66	11.000"	11.333"	3/4"	2-3/4"	B	4-3/8"	1-1/4"
72SG05	72	12.000"	12.333"	3/4"	2-3/4"	B	4-3/8"	1-1/4"
84SG05	84	14.000"	14.333"	3/4"	3-7/8"	B	4-1/2"	1-1/4"
96SG05	96	16.000"	16.333"	3/4"	3-3/8"	B	5-1/8"	1-1/4"

Gears are also available in A plate style.

NOTE!
 1-1/2" Face
 14-1/2° PA
 Material: Oil Filled Nylon

Power Plastics can custom manufacture any type of gears. From spur gears to helical gears to miter gears. Just call or fax with your customer specifications.

8 DP Spur Gears

8 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	(Max.)	Hub (Type)	(Dia.)	(Proj.)
11SG08	11*	1.500"	1.750"	3/4"	1/2"	B	1-1/8"	3/4"
12SG08	12	1.500"	1.750"	3/4"	1/2"	B	1-1/8"	3/4"
13SG08	13	1.625"	1.875"	3/4"	1/2"	B	1-1/4"	3/4"
14SG08	14	1.750"	2.000"	3/4"	5/8"	B	1-3/8"	3/4"
15SG08	15	1.875"	2.125"	3/4"	3/4"	B	1-1/2"	3/4"
16SG08	16	2.000"	2.250"	3/4"	7/8"	B	1-5/8"	3/4"
17SG08	17	2.125"	2.375"	3/4"	7/8"	B	1-3/4"	3/4"
18SG08	18	2.250"	2.500"	3/4"	1"	B	1-7/8"	3/4"
19SG08	19	2.375"	2.625"	3/4"	1-1/8"	B	2"	3/4"
20SG08	20	2.500"	2.750"	3/4"	1-1/8"	B	2-1/8"	3/4"
21SG08	21	2.625"	2.875"	3/4"	1-1/4"	B	2-1/4"	3/4"
22SG08	22	2.750"	3.000"	3/4"	1-1/4"	B	2-3/8"	3/4"
24SG08	24	3.000"	3.250"	3/4"	1-1/2"	B	2-5/8"	1"
26SG08	26	3.250"	3.500"	3/4"	1-1/2"	B	2-5/8"	1"
28SG08	28	3.500"	3.750"	1/4"	1-5/8"	B	2-3/4"	1"
30SG08	30	3.750"	4.000"	3/4"	1-3/4"	B	2-7/8"	1"
32SG08	32	4.000"	4.250"	3/4"	1-3/4"	B	3"	1"
36SG08	36	4.500"	4.750"	3/4"	1-3/4"	B	3"	1"
40SG08	40	5.000"	5.250"	3/4"	1-3/4"	B	3"	1"
42SG08	42	5.250"	5.500"	3/4"	1-3/4"	B	3"	1"
44SG08	44	5.500"	5.750"	3/4"	1-3/4"	B	3"	1"
48SG08	48	6.000"	6.250"	3/4"	1-3/4"	B	3"	1"



NOTE!
 1-1/4" Face
 14-1/2° PA
 Material: Oil Filled Nylon

Polymer spur gears can outlast steel gears in many industrial applications and lubrication is not required. They also run well with steel gear sets and can protect from sudden mechanical failure by acting as a sacrifice gear.

The most common type of material is Nylon, but Power Plastics can manufacture gears in any material. They are also not limited to the specifications shown in the chart.

10 DP Spur Gears

10 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	(Max.)	Hub (Type)	(Dia.)	(Proj.)
11SG10	11*	1.200"	1.400"	1.2"	1.2"	B	15/16"	5/8"
12SG10	12	1.200"	1.400"	1/2"	1/2"	B	15/16"	5/8"
13SG10	13	1.300"	1.500"	1/2"	1/2"	B	1"	5/8"
14SG10	14	1.400"	1.600"	1/2"	1/2"	B	1-1/8"	5/8"
15SG10	15	1.500"	1.700"	3/4"	1/2"	B	1-7/32"	5/8"
16SG10	16	1.600"	1.800"	3/4"	1/2"	B	1-5/16"	5/8"
17SG10	17	1.700"	1.900"	3/4"	5/8"	B	1-3/8"	5/8"
18SG10	18	1.800"	2.00"	3/4"	3/4"	B	1-17/32"	5/8"
19SG10	19	1.900"	2.100"	3/4"	3/4"	B	1-9/16"	5/8"
20SG10	20	2.000"	2.200"	3/4"	7/8"	B	1-23/32"	5/8"
21SG10	21	2.100"	2.400"	3/4"	7/8"	B	1-3/4"	5/8"
22SG10	22	2.200"	2.500"	3/4"	1"	B	1-7/8"	5/8"
24SG10	24	2.400"	2.600"	3/4"	1-1/8"	B	2-1/8"	5/8"
25SG10	25	2.500"	2.700"	3/4"	1-1/4"	B	2-7/32"	5/8"
26SG10	26	2.600"	2.800"	3/4"	1-1/4"	B	2-1/8"	5/8"
28SG10	28	2.800"	3.000"	3/4"	1-1/4"	B	2-1/8"	7/8"
30SG10	30	3.000"	3.200"	3/4"	1-1/4"	B	2-1/8"	7/8"
32SG10	32	3.200"	3.400"	3/4"	1-1/4"	B	2-1/8"	7/8"
35SG10	35	3.500"	3.700"	3/4"	1-1/4"	B	2-1/4"	7/8"
36SG10	36	3.600"	3.800"	3/4"	1-1/4"	B	2-1/4"	7/8"
38SG10	38	3.800"	4.000"	3/4"	1-1/4"	B	2-1/4"	7/8"
40SG10	40	4.000"	4.200"	3/4"	1-1/4"	B	2-1/4"	7/8"
42SG10	42	4.200"	4.400"	3/4"	1-1/4"	B	2-1/4"	7/8"
45SG10	45	4.500"	4.700"	3/4"	1-3/8"	B	2-1/2"	7/8"
48SG10	48	4.800"	5.000"	3/4"	1-3/8"	B	2-1/2"	7/8"
50SG10	50	5.000"	5.200"	3/4"	1-3/8"	B	2-1/2"	7/8"
54SG10	54	5.400"	5.600"	3/4"	1-3/8"	B	2-1/2"	7/8"
55SG10	55	5.500"	5.700"	3/4"	1-3/8"	B	2-1/2"	7/8"
60SG10	60	6.000"	6.200"	3/4"	1-3/8"	B	2-1/2"	7/8"

Gears are also available in A plate style.



NOTE!
 1" Face
 14-1/2° PA
 Material: Oil Filled Nylon

Power Plastics can custom manufacture any type of gears. From spur gears to helical gears to miter gears. Just call or fax with your customer specifications.

12 DP Spur Gears

12 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	(Max.)	Hub (Type)	(Dia.)	(Proj.)
11SG12	11*	1.000"	1.167"	1/2"	1/2"	B	3/4"	1/2"
12SG12	12	1.000"	1.167"	1/2"	1/2"	B	3/4"	1/2"
13SG12	13	1.083"	1.250"	1/2"	1/2"	B	13/16"	1/2"
14SG12	14	1.167"	1.333"	1/2"	1/2"	B	29/32"	1/2"
15SG12	15	1.250"	1.417"	1/2"	1/2"	B	1"	1/2"
16SG12	16	1.333"	1.500"	1/2"	1/2"	B	1-1/16"	1/2"
17SG12	17	1.413"	1.580"	1/2"	1/2"	B	1-1/8"	1/2"
18SG12	18	1.500"	1.667"	1/2"	1/2"	B	1-1/4"	1/2"
19SG12	19	1.583"	1.750"	1/2"	5/8"	B	1-5/16"	1/2"
20SG12	20	1.667"	1.883"	1/2"	7/8"	B	1-13/16"	1/2"
21SG12	21	1.750"	1.917"	1/2"	3/4"	B	1-1/2"	1/2"
22SG12	22	1.833"	2.000"	1/2"	7/8"	B	1-9/16"	1/2"
23SG12	23	1.917"	2.083"	1/2"	7/8"	B	1-5/8"	1/2"
24SG12	24	2.000"	2.166"	1/2"	7/8"	B	1-3/4"	1/2"
25SG12	25	2.083"	2.250"	1/2"	7/8"	B	1-27/32"	1/2"
26SG12	26	2.167"	2.333"	1/2"	1"	B	1-15/16"	5/8"
28SG12	28	2.333"	2.500"	1/2"	1-1/4"	B	2-1/16"	5/8"
30SG12	30	2.500"	2.667"	1/2"	1-1/4"	B	2-1/4"	5/8"
32SG12	32	2.667"	2.833"	1/2"	1-1/4"	B	2-1/4"	5/8"
34SG12	34	2.833"	3.000"	1/2"	1-1/4"	B	2-1/4"	5/8"
36SG12	36	3.000"	3.167"	1/2"	1-3/8"	B	2-1/2"	5/8"
38SG12	38	3.167"	3.333"	1/2"	1-3/8"	B	2-1/2"	5/8"
40SG12	40	3.333"	3.500"	1/2"	1-3/8"	B	2-1/2"	5/8"
42SG12	42	3.500"	3.666"	1/2"	1-3/8"	B	2-1/2"	5/8"
44SG12	44	3.667"	3.833"	1/2"	1-3/8"	B	2-1/2"	5/8"
48SG12	48	4.000"	4.166"	1/2"	1-3/8"	B	2-1/2"	3/4"
54SG12	54	4.500"	4.666"	3/4"	1-5/8"	B	2-3/4"	3/4"
56SG12	56	4.667"	4.833"	3/4"	1-5/8"	B	2-3/4"	3/4"
60SG12	60	5.000"	5.166"	3/4"	1-5/8"	B	2-3/4"	3/4"
64SG12	64	5.333"	5.500"	3/4"	1-5/8"	B	2-3/4"	3/4"
66SG12	66	5.500"	5.666"	3/4"	1-5/8"	B	2-3/4"	3/4"
72SG12	72	6.000"	6.166"	3/4"	1-5/8"	B	2-3/4"	3/4"

NOTE!
 3/4" Face
 14-1/2° PA
 Material: Oil Filled Nylon

Polymer spur gears can outlast steel gears in many industrial applications and lubrication is not required. They also run well with steel gear sets and can protect from sudden mechanical failure by acting as a sacrifice gear.

The most common type of material is Nylon, but Power Plastics can manufacture gears in any material. They are also not limited to the specifications shown in the chart.

16 DP Spur Gears

16 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	(Max.)	Hub (Type)	(Dia.)	(Proj.)
11SG16	11*	.750"	.875"	3/8"	3/8"	B	9/16"	7/16"
12SG16	12	.750"	.875"	3/8"	3/8"	B	9/16"	7/16"
13SG16	13	.875"	1.000"	3/8"	3/8"	B	5/8"	7/16"
14SG16	14	.875"	1.000"	3/8"	3/8"	B	11/16"	7/16"
15SG16	15	.937	1.062"	1/2"	1/2"	B	3/4"	7/16"
16SG16	16	1.000"	1.125"	1/2"	1/2"	B	13/16"	7/16"
17SG16	17	1.062"	1.187"	1/2"	1/2"	B	7/8"	7/16"
18SG16	18	1.125"	1.250"	1/2"	1/2"	B	15/16"	7/16"
19SG16	19	1.187"	1.312"	1/2"	1/2"	B	1"	7/16"
20SG16	20	1.250"	1.375"	1/2"	1/2"	B	1-1/16"	7/16"
21SG16	21	1.312"	1.438"	1/2"	1/2"	B	1-1/8"	7/16"
22SG16	22	1.375"	1.500"	1/2"	1/2"	B	1-3/16"	7/16"
23SG16	23	1.437"	1.562"	1/2"	1/2"	B	1-1/4"	7/16"
24SG16	24	1.500"	1.625"	1/2"	5/8"	B	1-5/16"	7/16"
26SG16	26	1.625"	1.750"	1/2"	3/4"	B	1-7/16"	7/16"
28SG16	28	1.750"	1.875"	1/2"	3/4"	B	1-1/2"	1/2"
30SG16	30	1.875"	2.000"	1/2"	7/8"	B	1-5/8"	1/2"
32SG16	32	2.000"	2.125"	1/2"	1"	B	1-3/4"	1/2"
34SG16	34	2.125"	2.250"	1/2"	1-1/8"	B	1-7/8"	1/2"
36SG16	36	2.250"	2.375"	1/2"	1-1/8"	B	2"	1/2"
38SG16	38	2.375"	2.500"	1/2"	1-1/8"	B	2"	1/2"
40SG16	40	2.500"	2.626"	1/2"	1-1/8"	B	2"	1/2"
44SG16	44	2.750"	2.875"	1/2"	1-1/8"	B	2"	1/2"
48SG16	48	3.000"	3.125"	1/2"	1-1/8"	B	2"	1/2"
52SG16	52	3.250"	3.375"	1/2"	1-1/8"	B	2"	1/2"
54SG16	54	3.375"	3.500"	1/2"	1-1/8"	B	2"	1/2"
56SG16	56	3.500"	3.625"	1/2"	1-1/8"	B	2"	1/2"
60SG16	60	3.750"	3.875"	1/2"	1-1/8"	B	2"	1/2"
64SG16	64	4.000"	4.125"	1/2"	1-1/8"	B	2"	5/8"
68SG16	68	4.250"	4.375"	1/2"	1-1/4"	B	2-1/4"	5/8"
72SG16	72	4.500"	4.625"	1/2"	1-1/4"	B	2-1/4"	5/8"
80SG16	80	5.000"	5.125"	1/2"	1-1/4"	B	2-1/4"	5/8"
84SG16	84	5.250"	5.375"	1/2"	1-1/4"	B	2-1/4"	5/8"
88SG16	88	5.500"	5.625"	1/2"	1-1/4"	B	2-1/4"	5/8"
96SG16	96	6.000"	6.125"	1/2"	1-1/4"	B	2-1/4"	5/8"

Gears are also available in A plate style.



NOTE!
1/2" Face
14-1/2° PA
Material: Oil Filled Nylon

Power Plastics can custom manufacture any type of gears. From spur gears to helical gears to miter gears. Just call or fax with your customer specifications.

20 DP Spur Gears

20 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	(Max.)	Hub (Type)	(Dia.)	(Proj.)
11SG20	11	.55"	.65"	1/4"	5/16"	B	15/32"	3/8"
12SG20	12	.60"	.70"	1/4"	5/16"	B	15/32"	3/8"
14SG20	14	.70"	.80"	1/4"	5/16"	B	35/64"	3/8"
15SG20	15	.75"	.85"	1/4"	3/8"	B	39/64"	3/8"
18SG20	18	.90"	1.00"	1/4"	3/8"	B	3/4"	3/8"
20SG20	20	1.00"	1.10"	1/4"	3/8"	B	55/64"	3/8"
24SG20	24	1.20"	1.30"	3/8"	9/16"	B	1-1/16"	3/8"
30SG20	30	1.50"	1.60"	3/8"	13/16"	B	1-23/64"	3/8"
32SG20	32	1.60"	1.70"	3/8"	7/8"	B	1-7/16"	1/2"
34SG20	34	1.70"	1.80"	3/8"	3/8"	B	47/64"	5/16"
35SG20	35	1.75"	1.85"	3/8"	3/8"	B	47/64"	5/16"
36SG20	36	1.80"	1.90"	3/8"	3/8"	B	47/64"	5/16"
38SG20	38	1.90"	2.00"	3/8"	3/8"	B	47/64"	5/16"
40SG20	40	2.00"	2.10"	3/8"	3/8"	B	47/64"	5/16"
41SG20	41	2.05"	2.15"	3/8"	3/8"	B	47/64"	5/16"
42SG20	42	2.10"	2.20"	3/8"	3/8"	B	47/64"	5/16"
44SG20	44	2.20"	2.30"	3/8"	3/8"	B	47/64"	5/16"
45SG20	45	2.25"	2.35"	3/8"	3/8"	B	47/64"	5/16"
46SG20	46	2.30"	2.40"	3/8"	3/8"	B	47/64"	5/16"
48SG20	48	2.40"	2.50"	3/8"	3/8"	B	47/64"	5/16"
50SG20	50	2.50"	2.60"	3/8"	3/8"	B	3/4"	5/16"
55SG20	55	2.75"	2.85"	3/8"	3/8"	B	2"	1/2"
60SG20	60	3.00"	3.10"	3/8"	3/8"	B	2"	1/2"
64SG20	64	3.20"	3.30"	3/8"	3/8"	B	2"	1/2"
70SG20	70	3.50"	3.60"	3/8"	3/8"	B	2"	1/2"
72SG20	72	3.60"	3.70"	3/8"	3/8"	B	2-1/4"	1/2"
75SG20	75	3.75"	3.85"	3/8"	3/8"	B	2-1/4"	1/2"
80SG20	80	4.00"	4.10"	1/2"	1/2"	B	2-1/4"	1/2"
84SG20	84	4.20"	4.30"	1/2"	1/2"	B	2-1/4"	1/2"



NOTE!
3/8" Face
14-1/2° PA
Material: Oil Filled Nylon

Polymer spur gears can outlast steel gears in many industrial applications and lubrication is not required. They also run well with steel gear sets and can protect from sudden mechanical failure by acting as a sacrifice gear.

The most common type of material is Nylon, but Power Plastics can manufacture gears in any material. They are also not limited to the specifications shown in the chart.

24 DP Spur Gears

24 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	Hub (Type)	(Dia.)	(Proj.)
12SG24	12	.500"	.538"	3/16"	B	3/8"	5/16"
14SG24	14	.538"	.667"	3/16"	B	7/16"	5/16"
15SG24	15	.625"	.709"	3/16"	B	31/64"	5/16"
16SG24	16	.667"	.750"	3/16"	B	31/64"	5/16"
17SG24	17	.709"	.791"	3/16"	B	35/64"	5/16"
18SG24	18	.750"	.833"	3/16"	B	35/64"	5/16"
19SG24	19	.791"	.875"	3/16"	B	35/64"	5/16"
20SG24	20	.833"	.917"	3/16"	B	35/64"	5/16"
21SG24	21	.875"	.959"	3/16"	B	35/64"	5/16"
22SG24	22	.917"	1.00"	3/16"	B	35/64"	5/16"
23SG24	23	.959"	1.041"	3/16"	B	35/64"	5/16"
24SG24	24	1.000"	1.083"	1/4"	B	5/8"	5/16"
25SG24	25	1.041"	1.125"	1/4"	B	39/64"	5/16"
26SG24	26	1.083"	1.167"	1/4"	B	5/8"	5/16"
27SG24	27	1.125"	1.208"	1/4"	B	5/8"	5/16"
28SG24	28	1.167"	1.250"	1/4"	B	5/8"	5/16"
30SG24	30	1.250"	1.333"	1/4"	B	5/8"	5/16"
32SG24	32	1.333"	1.416"	1/4"	B	39/64"	5/16"
33SG24	33	1.375"	1.458"	1/4"	B	39/64"	5/16"
34SG24	34	1.416"	1.500"	1/4"	B	39/64"	5/16"
36SG24	36	1.500"	1.583"	1/4"	B	5/8"	5/16"
39SG24	39	1.625"	1.708"	5/16"	B	43/64"	5/16"
40SG24	40	1.666"	1.750"	5/16"	B	43/64"	5/16"
42SG24	42	1.750"	1.833"	5/16"	B	43/64"	5/16"
44SG24	44	1.833"	1.917"	5/16"	B	43/64"	5/16"
45SG24	45	1.875"	1.958"	5/16"	B	43/64"	5/16"
48SG24	18	2.000"	2.083"	5/16"	B	43/64"	5/16"
50SG24	50	2.083"	2.167"	5/16"	B	43/64"	5/16"
52SG24	52	2.166"	2.250"	5/16"	B	43/64"	5/16"
54SG24	54	2.250"	2.333"	5/16"	B	43/64"	5/16"
56SG24	56	2.333"	2.417"	5/16"	B	43/64"	5/16"
60SG24	60	2.500"	2.583"	5/16"	B	43/64"	5/16"

Gears are also available in A plate style.



NOTE!
1/4" Face
20° PA
Material: Oil Filled Nylon

Power Plastics can custom manufacture any type of gears. From spur gears to helical gears to miter gears. Just call or fax with your customer specifications.

32 DP Spur Gears

32 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	Hub (Type)	(Dia.)	(Proj.)
12SG32	12	.375"	.438"	5/32"	B	9/32"	5/16"
14SG32	14	.438"	.500"	5/32"	B	5/16"	5/16"
16SG32	16	.500"	.562"	5/32"	B	11/32"	5/16"
18SG32	18	.562"	.625"	5/32"	B	11/32"	5/16"
20SG32	20	.625"	.688"	3/16"	B	15/32"	5/16"
22SG32	22	.688"	.750"	3/16"	B	1/2"	5/16"
24SG32	24	.750"	.813"	3/16"	B	1/2"	5/16"
26SG32	26	.813"	.875"	3/16"	B	9/16"	5/16"
28SG32	28	.875"	.938"	3/16"	B	1/2"	5/16"
30SG32	30	.938"	1.000"	3/16"	B	9/16"	5/16"
32SG32	32	1.000"	1.062"	1/4"	B	5/8"	5/16"
34SG32	34	1.062"	1.125"	1/4"	B	39/64"	5/16"
36SG32	36	1.125"	1.187"	1/4"	B	39/64"	5/16"
38SG32	38	1.187"	1.250"	1/4"	B	39/64"	5/16"
40SG32	40	1.250"	1.312"	1/4"	B	39/64"	5/16"
42SG32	42	1.312"	1.375"	1/4"	B	39/64"	5/16"
44SG32	44	1.375"	1.438"	1/4"	B	39/64"	5/16"
48SG32	48	1.500"	1.563"	1/4"	B	5/8"	5/16"
50SG32	50	1.563"	1.625"	1/4"	B	9/16"	5/16"
52SG32	52	1.625"	1.688"	5/16"	B	43/64"	5/16"
53SG32	53	1.656"	1.719"	5/16"	B	43/64"	5/16"
56SG32	56	1.750"	1.813"	5/16"	B	43/64"	5/16"
64SG32	64	2.000"	2.063"	5/16"	B	43/64"	5/16"
72SG32	72	2.250"	2.313"	5/16"	B	13/16"	5/16"
80SG32	80	2.500"	2.563"	5/16"	B	13/16"	5/16"
96SG32	96	3.000"	3.063"	5/16"	B	13/16"	5/16"



NOTE!
3/16" Face
20° PA
Material: Oil Filled Nylon

Polymer spur gears can outlast steel gears in many industrial applications and lubrication is not required. They also run well with steel gear sets and can protect from sudden mechanical failure by acting as a sacrifice gear.

The most common type of material is Nylon, but Power Plastics can manufacture gears in any material. They are also not limited to the specifications shown in the chart.

48 DP Spur Gears

48 DP Spur Gears

P/N	Teeth	Diameter (Pitch)	(Outside)	Bore (Stock)	Hub (Type)	(Dia.)	(Proj.)
18SG48	18	.375"	.417"	5/32"	B	5/16"	1/4"
19SG48	19	.396"	.438"	5/32"	B	5/16"	1/4"
20SG48	20	.417"	.458"	5/32"	B	11/32"	1/4"
21SG48	21	.438"	.479"	5/32"	B	11/32"	1/4"
22SG48	22	.458"	.500"	5/32"	B	3/8"	1/4"
23SG48	23	.479"	.521"	5/32"	B	3/8"	1/4"
24SG48	24	.500"	.542"	5/32"	B	13/32"	1/4"
25SG48	25	.521"	.562"	5/32"	B	13/32"	1/4"
26SG48	26	.542"	.542"	5/32"	B	29/64"	1/4"
27SG48	27	.562"	.604"	5/32"	B	29/64"	1/4"
28SG48	28	.583"	.625"	5/32"	B	31/64"	1/4"
29SG48	29	.604"	.646"	5/32"	B	31/64"	1/4"
30SG48	30	.625"	.667"	3/16"	B	1/2"	1/4"
31SG48	31	.646"	.688"	3/16"	B	35/64"	1/4"
32SG48	32	.667"	.708"	3/16"	B	35/64"	1/4"
33SG48	33	.688"	.729"	3/16"	B	35/64"	1/4"
34SG48	34	.708"	.750"	3/16"	B	35/64"	1/4"
35SG48	35	.729"	.771"	3/16"	B	35/64"	1/4"
36SG48	36	.750"	.792"	3/16"	B	35/64"	1/4"
37SG48	37	.771"	.713"	3/16"	B	35/64"	1/4"
38SG48	38	.792"	.833"	3/16"	B	35/64"	1/4"
39SG48	39	.813"	.854"	3/16"	B	35/64"	1/4"
40SG48	40	.833"	.875"	3/16"	B	35/64"	1/4"
42SG48	42	.875"	.917"	3/16"	B	35/64"	1/4"
44SG48	44	.917"	.958"	3/16"	B	35/64"	1/4"
45SG48	45	.938"	.979"	3/16"	B	35/64"	1/4"
48SG48	48	1.000"	1.042"	1/4"	B	39/64"	1/4"
52SG48	52	1.083"	1.125"	1/4"	B	39/64"	1/4"
54SG48	54	1.125"	1.168"	1/4"	B	39/64"	1/4"
56SG48	56	1.168"	1.208"	1/4"	B	39/64"	1/4"
60SG48	60	1.250"	1.292"	1/4"	B	39/64"	1/4"
64SG48	64	1.333"	1.375"	1/4"	B	39/64"	1/4"
66SG48	66	1.375"	1.417"	1/4"	B	39/64"	1/4"
72SG48	72	1.500"	1.542"	1/4"	B	39/64"	1/4"
80SG48	80	1.667"	1.708"	1/4"	B	39/64"	1/4"
84SG48	84	1.750"	1.792"	1/4"	B	39/64"	1/4"
96SG48	96	2.000"	2.042"	1/4"	B	39/64"	1/4"
100SG48	100	2.083"	2.125"	1/4"	B	39/64"	1/4"
108SG48	108	2.250"	2.292"	1/4"	B	39/64"	1/4"
120SG48	120	2.500"	2.542"	1/4"	B	39/64"	1/4"

Gears are also available in A plate style.



NOTE!
 1/8" Face
 20° PA
 Material: Oil Filled Nylon

Power Plastics can custom manufacture any type of gears. From spur gears to helical gears to miter gears. Just call or fax with your customer specifications.