



# ARROW STANDARD SPIRAL BEVEL GEARS

## PRICE LIST

EFFECTIVE JANUARY 1, 2012

ARROW STANDARD NUMBER		OUTSIDE DIAMETER		QUANTITY - PRICE PER SET		
Pinion	Gear	Pinion	Gear	1 or 2	3 to 5	6 to 10
<b>1 TO 1 RATIO</b>						
18P18L18	18P18R18	1.06	1.06	207.00	163.00	143.00
12P18L18	12P18R18	1.60	1.60	232.00	176.00	164.00
10P20L20	10P20R20	2.12	2.12	295.00	222.00	200.00
8P20L20	8P20R20	2.59	2.59	340.00	258.00	232.00
7P21L21	7P21R21	3.10	3.10	381.00	285.00	256.00
6P21L21	6P21R21	3.66	3.66	416.00	313.00	285.00
6P24L24	6P24R24	4.10	4.10	485.00	362.00	324.00
5P25L25	5P25R25	5.17	5.17	658.00	470.00	431.00
45P27L27	45P27R27	6.20	6.20	906.00	659.00	590.00
4P28L28	4P28R28	7.23	7.23	1078.00	776.00	717.00
4P32L32	4P32R32	8.20	8.20	1328.00	975.00	869.00
35P35L35	35P35R35	10.26	10.26	1763.00	1241.00	1139.00
3P36L36	3P36R36	12.30	12.30	2128.00	1517.00	1370.00
257P36L36	257P36R36	14.37	14.37	3849.00	2687.00	2399.00
225P36L36	225P36R36	16.43	16.43	5517.00	3870.00	3477.00
<b>2 TO 1 RATIO</b>						
10P32L16	10P16R32	1.76	3.20	329.00	242.00	228.00
9P34L17	9P17R34	2.09	3.78	392.00	295.00	267.00
8P36L18	8P18R36	2.46	4.51	481.00	351.00	318.00
7P38L19	7P19R38	2.97	5.46	583.00	444.00	403.00
6P40L20	6P20R40	3.62	6.70	803.00	578.00	532.00
5P40L20	5P20R40	4.40	8.05	1080.00	813.00	732.00
4P40L20	4P20R40	5.44	9.99	1346.00	994.00	888.00
35P42L21	35P21R42	6.52	12.07	1783.00	1286.00	1183.00
320P46L23	320P23R46	7.76	14.41	3111.00	2342.00	2114.00
<b>3 TO 1 RATIO</b>						
10P45L15	10P15R45	1.72	4.49	376.00	273.00	261.00
8P45L15	8P15R45	2.15	5.63	553.00	380.00	368.00
7P45L15	7P15R45	2.46	6.44	637.00	483.00	438.00
6P45L15	6P15R45	2.88	7.51	818.00	595.00	553.00
55P48L16	55P16R48	3.28	8.73	1028.00	747.00	698.00
5P48L16	5P16R48	3.61	9.63	1259.00	916.00	828.00
45P51L17	45P17R51	4.24	11.36	1452.00	1052.00	969.00
4P54L18	4P18R54	5.02	13.52	1920.00	1373.00	1258.00
338P54L18	338P18R54	5.96	16.02	3870.00	2978.00	2647.00
<b>3 TO 2 RATIO</b>						
8P24L16	8P16R24	2.17	3.04	540.00	387.00	348.00
7P24L16	7P16R24	2.51	3.50	560.00	421.00	370.00
6P24L16	6P16R24	2.93	4.07	623.00	465.00	432.00
6P30L20	6P20R30	3.58	5.07	700.00	499.00	462.00
5P30L20	5P20R30	4.29	6.08	809.00	571.00	533.00
5P36L24	5P24R36	5.09	7.28	1189.00	848.00	773.00
45P39L26	45P26R39	6.07	8.72	1487.00	1088.00	990.00
4P42L28	4P28R42	7.36	10.59	1698.00	1248.00	1143.00
35P45L30	35P30R45	8.96	12.94	2274.00	1616.00	1451.00
290P45L30	290P30R45	10.91	15.64	4394.00	3402.00	3058.00
<b>4 TO 3 RATIO</b>						
8P28L21	8P21R28	2.80	3.55	421.00	381.00	348.00
7P28L21	7P21R28	3.19	4.07	681.00	480.00	452.00
6P32L24	6P24R32	4.22	5.38	815.00	588.00	544.00
5P32L24	5P24R32	5.05	6.50	1124.00	813.00	731.00
4P32L24	4P24R32	6.29	8.08	1616.00	1202.00	1113.00
35P36L27	35P27R36	8.11	10.43	2093.00	1546.00	1395.00
3P36L27	3P27R36	9.42	12.15	2417.00	1744.00	1559.00

THE ABOVE PRICES ARE NET. PRICES ON LARGER QUANTITIES ARE AVAILABLE ON APPLICATION

		QUANTITY - PRICE PER SET			
Pinion	Gear	1 or 2	3 to 5	6 to 10	10 to 15
<b>1 TO 1 RATIO GROUND TOOTH</b>					
35GT35L35	35GT35R35	2128.00			
40GT35L35	40GT35R35	2202.00			PRICE UPON APPLICATION
50GT35L35	50GT35R35	2297.00			
60GT35L35	60GT35R35	2460.00			
<b>2 TO 1 RATIO GROUND TOOTH</b>					
45GT46L23	45GT23R46	2311.00			PRICE UPON APPLICATION
54GT40L20	54GT20R40	2460.00			
67GT46L23	67GT23R46	2542.00			

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**APPLICATION ENGINEERING INFORMATION**

Company \_\_\_\_\_

Name \_\_\_\_\_ Title \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Country \_\_\_\_\_

Telephone \_\_\_\_\_ Best Time to Call \_\_\_\_\_

1. QUANTITY: Prototype \_\_\_\_\_ Production \_\_\_\_\_

2. APPLICATION \_\_\_\_\_

3. RATIO: Approx. \_\_\_\_\_ Exact \_\_\_\_\_ Reducer  Increaser

Reversing: Yes  No

4. RATING: Normal Input HP \_\_\_\_\_ @RPM \_\_\_\_\_ Torque \_\_\_\_\_

Maximum Input HP \_\_\_\_\_ @RPM \_\_\_\_\_ Torque \_\_\_\_\_

5. TYPE OF LOAD: Uniform  Med. Shock  Hi Shock

Prime Mover \_\_\_\_\_

**GEAR DATA**

**ENCLOSED DRIVES**

Type:

- Spiral Bevel Pitch \_\_\_\_\_
- Zerol Bevel No. of Teeth \_\_\_\_\_
- Straight Bevel Pr. Angle \_\_\_\_\_
- Hypoid Spiral Angle \_\_\_\_\_
- Spur Shaft Angle \_\_\_\_\_
- Helical AGMA Class \_\_\_\_\_
- Other Material \_\_\_\_\_

Shaft Requirements:

- Parallel  Intersect  Skew
- Angle \_\_\_\_\_
- Other \_\_\_\_\_
- Duty Cycle \_\_\_\_\_
- B10 Life \_\_\_\_\_ hrs
- Overhung Load \_\_\_\_\_
- Type of Lub. \_\_\_\_\_

Part No. \_\_\_\_\_

6. Size Limitations \_\_\_\_\_

**7. IT IS ESSENTIAL THAT YOU SEND ASSEMBLY PRINT OR SKETCH SHOWING**

- a. Driving member and direction of rotation
- b. Means of absorbing axial & radial gear loads
- c. Provisions for adjusting backlash
- d. Method of connecting the gearset to power source
- e. Size & mounting constraints

8. STATE ANY UNUSUAL DESIGN PARAMETERS \_\_\_\_\_



**ARROW  
GEAR  
COMPANY**

All prices F.O.B., Downers Grove, IL

2301 Curtiss Street \* Downers Grove, Illinois 60515 \* (630) 969-7640 \* FAX: (630) 969-0253 \* www.arrowgear.com