

**18 INCH PITCH DIAMETER OF GEAR**

SIZES				SPECIFICATION						DESIGN				CAPACITY	
O.D.		Pitch Dia.		Ratio	Combi- nation	Diam. Pitch	Face Width	Mounting Distance		Bore	Bolt Circle Dia.	No. of Bolts	Bolt Size	Torque Pinion <i>Lb. Inches</i>	Torque Gear <i>Lb. Inches</i>
Gear	Pinion	Gear	Pinion					Gear	Pinion (Min.)						
18.196	18.196	18	18	1.00	39-39	2.17	3 <sup>19</sup> / <sub>16</sub>	10	10	10.750	13.375	12	1/2-20	147373	147373
18.062	7.980	18	7.33	2.46	22-54	3.00	2 <sup>3</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>2</sub>	12.500	14.125	12	1/2-20	33827	83030
18.015	6.558	18	5.89	3.06	18-55	3.06	2 <sup>3</sup> / <sub>4</sub>	4	9 <sup>1</sup> / <sub>2</sub>	12.500	14.125	12	1/2-20	26219	80114
18.013	5.235	18	4.58	3.93	15-59	3.28	2 <sup>3</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>4</sub>	12.500	14.125	12	1/2-20	19457	76531
18.034	4.235	18	3.65	4.93	14-69	3.83	2 <sup>3</sup> / <sub>4</sub>	3	9 <sup>1</sup> / <sub>4</sub>	12.500	14.125	12	1/2-20	14362	70784

**20 INCH PITCH DIAMETER OF GEAR**

20.218	20.218	20	20	1.00	39-39	1.95	4 <sup>1</sup> / <sub>4</sub>	11	11	12.500	14.625	12	5/8-18	196902	196902
20.086	8.795	20	8	2.5	20-50	2.50	3	5 <sup>1</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>2</sub>	13.875	15.500	12	5/8-18	44196	110490
20.025	7.987	20	7.47	2.68	28-75	3.75	3	4 <sup>3</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>2</sub>	13.875	15.500	12	5/8-18	36101	96702
20.026	7.466	20	6.93	2.88	26-75	3.75	3	4 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	13.875	15.500	12	5/8-18	33291	96032
20.023	6.318	20	5.71	3.50	20-70	3.50	3	4	10 <sup>1</sup> / <sub>2</sub>	13.875	15.500	12	5/8-18	27588	96558
20.015	5.641	20	5.07	3.95	19-75	3.75	3	3 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	13.875	15.500	12	5/8-18	23520	92842
20.012	4.856	20	4.27	4.69	16-75	3.75	3	3 <sup>1</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>2</sub>	13.875	15.500	12	5/8-18	19418	91022

**22 INCH PITCH DIAMETER OF GEAR**

22.175	22.175	22	22	1.0	39-39	1.77	4 <sup>43</sup> / <sub>64</sub>	12 <sup>1</sup> / <sub>4</sub>	12 <sup>1</sup> / <sub>4</sub>	13.875	16.000	12	3/4-16	255914	255914
22.079	8.069	22	7.33	3.00	21-63	2.86	3 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>2</sub>	15.000	17.000	12	3/4-16	43419	130257
22.042	6.171	22	5.50	4.00	18-72	3.27	3 <sup>1</sup> / <sub>4</sub>	4	11 <sup>1</sup> / <sub>2</sub>	15.000	17.000	12	3/4-16	30092	120372
22.012	5.633	22	4.99	4.41	17-75	3.41	3 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>2</sub>	15.000	17.000	12	3/4-16	26602	117362
22.010	5.057	22	4.40	5.00	15-75	3.41	3 <sup>1</sup> / <sub>4</sub>	3 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>2</sub>	15.000	17.000	12	3/4-16	23122	115610

**24 INCH PITCH DIAMETER OF GEAR**

24.243	24.243	24	24	1.00	42-42	1.75	5 <sup>7</sup> / <sub>64</sub>	13 <sup>1</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>4</sub>	15.250	17.000	12	3/4-16	319016	319016
24.045	11.932	24	11.37	2.11	36-76	3.17	3 <sup>1</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>4</sub>	12 <sup>1</sup> / <sub>2</sub>	17.500	19.500	12	3/4-16	69528	146781
24.041	9.667	24	9.00	2.67	27-72	3.00	3 <sup>1</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>2</sub>	12 <sup>1</sup> / <sub>2</sub>	17.500	19.500	12	3/4-16	54907	146419
24.048	8.586	24	7.73	3.11	19-59	2.46	3 <sup>1</sup> / <sub>4</sub>	5	12 <sup>1</sup> / <sub>2</sub>	17.500	19.500	12	3/4-16	49704	154344
24.027	8.146	24	7.44	3.23	22-71	2.96	3 <sup>1</sup> / <sub>4</sub>	5	12 <sup>1</sup> / <sub>2</sub>	17.500	19.500	12	3/4-16	44722	144330
24.012	7.585	24	6.86	3.50	20-70	2.92	3 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>2</sub>	12 <sup>1</sup> / <sub>2</sub>	17.500	19.500	12	3/4-16	41120	143920
23.985	6.141	24	5.44	4.41	17-75	3.13	3 <sup>1</sup> / <sub>4</sub>	4	12 <sup>1</sup> / <sub>2</sub>	17.500	19.500	12	3/4-16	30977	136667