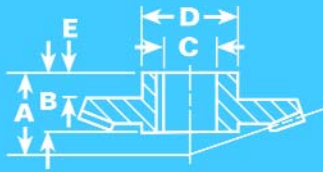
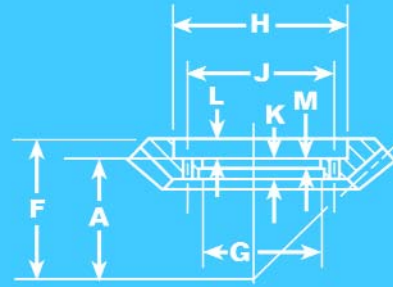

**Figure 19**

**Figure 20**

**Figure 21**

Part No.	8P28L21	8P21R28	7P28L21	7P21R28	6P32L24	6P24R32	5P32L24	5P24R32	4P32L24	4P24R32	35P36L27	35P27R36	3P36L27	3P27R36	
Figure	19	19	19	19	19	20	19	20	19	21	21	21	21	21	
<b>Gear</b>															
<b>Outside Dia.</b>	3.548		4.068		5.379		6.503		8.084		10.434		12.152		
<b>Pitch Dia.</b>	3.500		4.000		5.333		6.400		8.000		10.286		12.000		
<b>Pinion</b>															
<b>Outside Dia.</b>	2.789		3.186		4.219		5.053		6.288		8.117		9.424		
<b>Pitch Dia.</b>	2.625		3.000		4.000		4.800		6.000		7.714		9.000		
<b>Combination</b>	21	28	21	28	24	32	24	32	24	32	27	36	27	36	
<b>Diametral Pitch</b>	8		7		6		5		4		3½		3		
<b>Face Width</b>	1 <sup>1</sup> / <sub>16</sub>		¾		1		1¼		1½		1¾		2		
<b>A Mount Dist.</b>	2¼	2⅛	2⅝	2 <sup>7</sup> / <sub>16</sub>	3⅜	3	3 <sup>15</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>8</sub>	4¾	3¾	5 <sup>7</sup> / <sub>16</sub>	4 <sup>7</sup> / <sub>16</sub>	
<b>B Bore Length</b>	1	1⅛	1⅛	1¼	1⅜	1⅝	1⅝	1⅞	2						
<b>C Bore Dia.</b> <sup>+0.0005</sup> / <sub>-0.0000</sub>	15 <sup>5</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>						
<b>D Hub Dia.</b>	1 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	2 <sup>7</sup> / <sub>8</sub>	3¼	3 <sup>1</sup> / <sub>8</sub>	3¾						
<b>E Hub Length</b>	¾	½	7 <sup>1</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>						
<b>F Apex to Back.</b>										3½	5½	4½	6½	5 <sup>3</sup> / <sub>16</sub>	
<b>G Bore Dia.</b> <sup>+0.001</sup> / <sub>-0.000</sub>										3¾	3½	5	4	6	
<b>H C'bore Dia.</b>										5 <sup>3</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>8</sub>	7¼	6	8 <sup>1</sup> / <sub>8</sub>	
<b>J Bolt Circle</b>										4½	4¼	6 <sup>1</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub>	7	
<b>K Web Thick.</b>										5 <sup>5</sup> / <sub>8</sub>	¾	¾	¾	¾	
<b>L C'bore Depth</b>										5 <sup>5</sup> / <sub>8</sub>	¾	¾	1 <sup>1</sup> / <sub>16</sub>	¾	
<b>M Bore Length</b>										5 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	
<b>Holes</b>	<b>Size</b>									13 <sup>3</sup> / <sub>32</sub>	13 <sup>3</sup> / <sub>32</sub>	17 <sup>3</sup> / <sub>32</sub>	17 <sup>3</sup> / <sub>32</sub>	17 <sup>3</sup> / <sub>32</sub>	
	<b>No.</b>									12	12	12	12	12	
<b>Keyway</b>	¼x3 <sup>3</sup> / <sub>32</sub>	¼x3 <sup>3</sup> / <sub>32</sub>	¼x3 <sup>3</sup> / <sub>32</sub>	¼x3 <sup>3</sup> / <sub>32</sub>	¾x1 <sup>1</sup> / <sub>8</sub>	¾x1 <sup>1</sup> / <sub>8</sub>	¾x1 <sup>1</sup> / <sub>8</sub>	¾x1 <sup>1</sup> / <sub>8</sub>	½x3 <sup>3</sup> / <sub>16</sub>						
<b>**Max. Bore</b>	1 <sup>3</sup> / <sub>16</sub>	1 <sup>7</sup> / <sub>16</sub>	1 <sup>9</sup> / <sub>16</sub>	1 <sup>11</sup> / <sub>16</sub>	2	2	2 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	*	*	*	*	*	
<b>Wt. each, lbs.</b>	1.00	1.50	1.25	2.38	3.00	5.25	5.12	8.28	9.38	8.12	10.25	15.75	16.00	24.00	
<b>Torque</b> (lb. in.)	<b>Gear</b>	1469		2025		4324		7435		13185		23356		34959	
	<b>Pinion</b>	1102		1519		3243		5576		9889		17517		26219	

Note: All dimensions are in inches.

\*Cannot be reworked.

\*\*Keyway Unchanged