



Part No.	10P32L16	10P16R32	9P34L17	9P17R34	8P36L18	8P18R36	7P38L19	7P19R38	6P40L20	6P20R40	5P40L20	5P20R40	4P40L20	4P20R40	35P42L21	35P21R42	320P46L23	320P23R46		
Figure	5	6	5	6	5	7	5	7	6	7	6	7	6	8	6	8	6	9		
<b>Gear</b>																				
Outside Dia.	3.200		3.783		4.518		5.457		6.699		8.053		9.985		12.069		14.413			
Pitch Dia.	3.200		3.778		4.500		5.429		6.667		8.000		10.000		12.000		14.362			
<b>Pinion</b>																				
Outside Dia.	1.764		2.087		2.457		2.965		3.620		4.404		5.436		6.517		7.760			
Pitch Dia.	1.600		1.889		2.250		2.714		3.333		4.000		5.000		6.000		7.181			
<b>Combination</b>	16	32	17	34	18	36	19	38	20	40	20	40	20	40	21	42	23	46		
<b>Diametral Pitch</b>	10		9		8		7		6		5		4		3½		3⅜			
<b>Face Width</b>	9/16		5/8		13/16		1		1 1/16		1 7/16		1 3/4		2		2 3/8			
<b>A Mount Dist.</b>	1 7/8	1 11/16	2 1/4	1 15/16	2 9/16	2 1/16	3	2 7/16	3 11/16	2 15/16	4 7/16	3 1/2	5 1/2	2 9/16	6 9/16	3 1/8	7 7/8	4 7/16		
<b>B Bore Length</b>	3/4	1	7/8	1 1/8	1	1 3/8	1 1/8	1 5/8	1 3/8	1 7/8	1 5/8	2 1/4	2		2 1/4		2 15/16			
<b>C Bore Dia.</b> <sup>+0.0005</sup> / <sub>-0.0000</sub>	5/8	15/16	3/4	1 1/16	7/8	15/16	1 1/16	1 7/16	1 5/16	1 11/16	1 9/16	2 1/16	1 13/16		2 1/16		2 5/8			
<b>D Hub Dia.</b>	1 1/4	1 7/8	1 1/2	2 1/8	1 3/4	2 1/2	2 1/8	2 7/8	2 3/4	3 1/8	2 7/8	3 3/8	3 3/4		3 7/8		4 1/2			
<b>E Hub Length</b>	3/16	9/16	1/4	9/16	3/16	9/16	1/8	5/8	1/4	13/16	1/4	15/16	5/16		5/16		1/4			
<b>F Apex to Back</b>														3 3/16		3 7/8				
<b>G Bore Dia.</b> <sup>+0.001</sup> / <sub>-0.000</sub>														5		5 3/4		9 1/4		
<b>H C'bore Dia.</b>														6 5/8		8				
<b>J Bolt Circle</b>														5 3/4		6 7/8		10 1/2		
<b>K Web Thick</b>														5/8		3/4		3/4		
<b>L C'bore Depth</b>														5/8		3/4				
<b>M Bore Length</b>														5/16		5/16				
<b>Holes N</b>	<b>Size</b>																			
	<b>No.</b>																			
<b>Keyway</b>	3/16x1/16	1/4x3/32	3/16x1/16	1/4x3/32	3/16x1/16	3/8x1/8	1/4x3/32	3/8x1/8	3/8x1/8	3/8x1/8	3/8x1/8	1/2x3/16	1/2x3/16		1/2x3/16		5/8x7/32			
<b>**Max. Bore</b>	*	1 3/16	7/8	1 7/16	1	1 1/2	1 3/16	2	1 5/8	2 1/4	1 7/8	2 3/4	2 1/2	*	2 7/8	*	3	9 1/4		
<b>Wt. each, lbs.</b>	.25	1.12	.50	1.75	.62	2.87	1.00	5.00	2.00	8.00	3.50	14.00	6.75	13.75	11.25	24.50	20	30		
<b>Torque (lb. in.)</b>	<b>Gear</b>		820		1288		2352		3962		6674		11116		19996		31474		58348	
	<b>Pinion</b>		410		644		1176		1981		3337		5558		9998		15737		29174	

Note: All dimensions are in inches. \*Cannot be reworked. \*\*Keyway Unchanged a - 3/4 thread length