



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
Gear																		
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	
Pinion																		
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	
Combination	16	32	17	34	18	36	19	38	20	40	20	40	20	40	21	42	23	46
Diametral Pitch	10		9		8		7		6		5		4		3½		3⅜	
Face Width	9/16		5/8		13/16		1		1 1/16		1 7/16		1 3/4		2		2 3/8	
A Mount Dist.	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 Bore Length	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	
C Bore Dia. ^{+0.0005} / _{-0.0000}	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	
D Hub Dia.	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	
E Hub Length	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	
F Apex to Back														3 3/16		3 7/8		
G Bore Dia. ^{+0.001} / _{-0.000}														5		5 3/4		9 1/4
H C'bore Dia.														6 5/8		8		
J Bolt Circle														5 3/4		6 7/8		10 1/2
K Web Thick														5/8		3/4		3/4
L C'bore Depth														5/8		3/4		
M Bore Length														5/16		5/16		
Holes N	Size																1/2-20 a	
	No.																12	
Keyway	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	
**Max. Bore	*	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
Wt. each, lbs.	.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
Torque (lb. in.)	Gear		820		1288		2352		3962		6674		11116		19996		31474	
	Pinion		410		644		1176		1981		3337		5558		9998		15737	

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