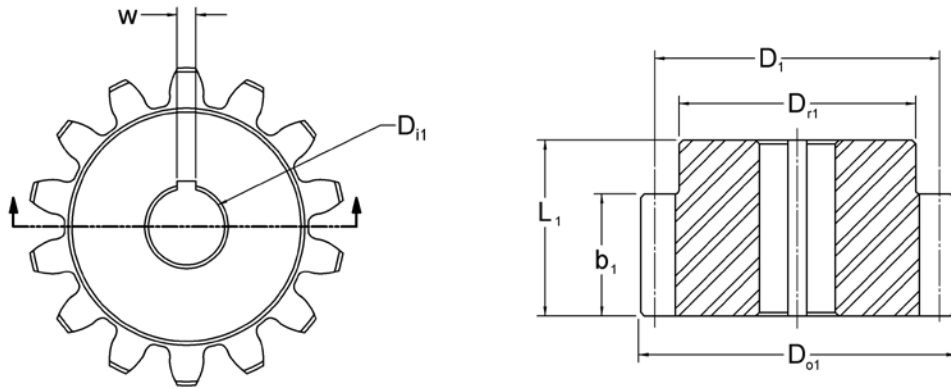


# Pinion Tables for RK, HS and MT Series



## Mating Pinions for RK Series Bearings

BEARING P/N	PINION P/N	GEAR DATA ( $\alpha = 20^\circ$ )				OUTLINE DIMENSIONS AND WEIGHT						
		TOOTH FORM	$z_1$	$P_d$ (in)	$b_1$ (in)	$L_1$ (in)	$D_1$ (in)	$D_{o1}$ (in)	$D_{r1}$ (in)	$D_{i1}$ (in)	$w$ (in)	G APPROX. (lbs)
RK6-16 thru RK6-29	39200001	SD	14	4	2.000	2.880	3.500	3.900	2.880	1.000	1/4	6.4
	39200002		17	4	2.000	2.880	4.250	4.650	3.630	1.000		10.0
RK6-33 thru RK6-43	39200003	SD	14	3	2.000	2.880	4.667	5.200	3.880	1.250	5/16	11.4
	39200004		17	3	2.000	2.880	5.667	6.200	4.880	1.250		18.3
Tolerances				Ref.	$\pm .015$	$\pm .015$	Ref.	+0.000 -0.010	Ref.	+0.002 -0.000		

## Mating Pinions for HS Series Bearings

BEARING P/N	PINION P/N	GEAR DATA ( $\alpha = 20^\circ$ )				OUTLINE DIMENSIONS AND WEIGHT						
		TOOTH FORM	$z_1$	$P_d$ (in)	$b_1$ (in)	$L_1$ (in)	$D_1$ (in)	$D_{o1}$ (in)	$D_{r1}$ (in)	$D_{i1}$ (in)	$w$ (in)	G APPROX. (lbs)
HS6-16 thru HS6-29	39200001	SD	14	4	2.000	2.880	3.500	3.900	2.880	1.000	1/4	6.4
	39200002		17	4	2.000	2.880	4.250	4.650	3.630	1.000		10.0
HS6-33 thru HS6-43	39200003	SD	14	3	2.000	2.880	4.667	5.200	3.880	1.250	5/16	11.4
	39200004		17	3	2.000	2.880	5.667	6.200	4.880	1.250		18.3
Tolerances				Ref.	$\pm .015$	$\pm .015$	Ref.	+0.000 -0.010	Ref.	+0.002 -0.000		

## Mating Pinions for MT Series Bearings

BEARING P/N	PINION P/N	GEAR DATA ( $\alpha = 20^\circ$ )				OUTLINE DIMENSIONS AND WEIGHT						
		TOOTH FORM	$z_1$	$P_d$ (in)	$b_1$ (in)	$L_1$ (in)	$D_1$ (in)	$D_{o1}$ (in)	$D_{r1}$ (in)	$D_{i1}$ (in)	$w$ (in)	G APPROX. (lbs)
MTE-145 thru MTE-324	39201001	FS	17	5/7	2.25	3.125	3.4	3.686	2.906	1.000	1/4	6.6
MTE-415 thru MTE-540	39200001	SD	14	4	2.000	2.880	3.500	3.900	2.880	1.000	1/4	6.4
	39200002		17	4	2.000	2.880	4.250	4.650	3.630	1.000		10.0
MTE-590 thru MTE-705	39200003	SD	14	3	2.000	2.880	4.667	5.200	3.880	1.250	5/16	11.4
	39200004		17	3	2.000	2.880	5.667	6.200	4.880	1.250		18.3
Tolerances				Ref.	$\pm .015$	$\pm .015$	Ref.	-0.01	Ref.	0.002		