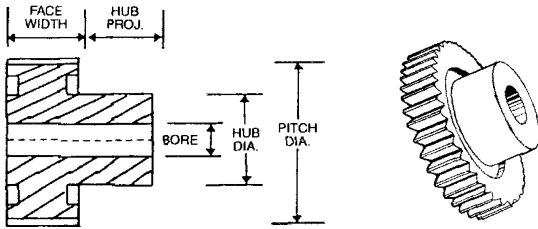


MOLDED PLASTIC SPUR GEARS

STANDARD MATERIAL: -62 Acetal
 (Other materials and sized available. Call for quote.)

Gears to AGMA commercial class 5-6: 20, 24, 32, 48 pitch spur.



20 PITCH SPUR GEARS

20 Degree Pressure Angle
 3/8" Face Width
 3/8" Hub Projection

Part No. BY100 - (Size Code No.) -62

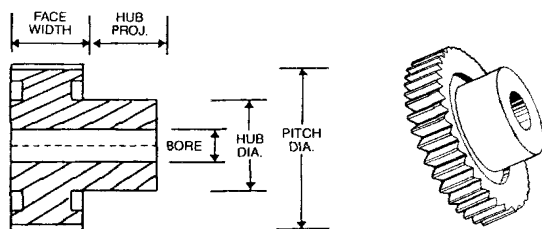
Size Code No.	No. of Teeth	Pitch Dia.	Bore	Hub Dia.
-1	12	.600	1/4	15/32
-2	13	.650	1/4	1/2
-3	14	.700	5/16	9/16
-4	15	.750	5/16	19/32
-5	16	.800	5/16	39/64
-6	17	.850	5/16	43/64
-7	18	.900	5/16	43/64
-8	19	.950	3/8	47/64
-9	20	1.000	3/8	47/64
-10	21	1.050	3/8	47/64
-11	22	1.100	3/8	3/4
-12	23	1.150	3/8	47/64
-13	24	1.200	3/8	47/64
-14	25	1.250	3/8	47/64
-15	26	1.300	3/8	47/64
-16	28	1.400	3/8	47/64
-17	30	1.500	3/8	47/64
-18	32	1.600	3/8	47/64
-19	34	1.700	3/8	47/64
-20	35	1.750	3/8	47/64
-21	36	1.800	3/8	47/64
-22	38	1.900	3/8	47/64
-23	40	2.000	3/8	47/64
-24	41	2.050	3/8	47/64
-25	42	2.100	3/8	47/64
-26	44	2.200	3/8	47/64
-27	45	2.250	3/8	47/64
-28	46	2.300	3/8	47/64
-29	48	2.400	3/8	47/64
-30	50	2.500	3/8	3/4
-31	70	3.500	3/8	3/4

24 PITCH SPUR GEARS

20 Degree Pressure Angle
 1/4" Face Width
 5/16" Hub Projection

Part No. BY101 - (Size Code No.) -62

Size Code No.	No. of Teeth	Pitch Dia.	Bore	Hub Dia.
-1	12	.500	3/16	3/8
-2	14	.583	3/16	7/16
-3	15	.625	3/16	31/64
-4	16	.667	3/16	31/64
-5	17	.709	3/16	35/64
-6	18	.750	3/16	35/64
-7	19	.791	3/16	35/64
-8	20	.833	3/16	35/64
-9	21	.875	3/16	35/64
-10	22	.917	3/16	35/64
-11	23	.959	3/16	35/64
-12	24	1.000	1/4	5/8
-13	25	1.041	1/4	39/64
-14	26	1.083	1/4	5/8
-15	27	1.125	1/4	5/8
-16	28	1.167	1/4	5/8
-17	30	1.250	1/4	5/8
-18	32	1.333	1/4	39/64
-19	33	1.375	1/4	39/64
-20	34	1.416	1/4	39/64
-21	36	1.500	1/4	5/8
-22	39	1.625	5/16	43/64
-23	40	1.666	5/16	43/64
-24	42	1.750	5/16	43/64
-25	44	1.833	5/16	43/64
-26	45	1.875	5/16	43/64
-27	48	2.000	5/16	43/64
-28	50	2.083	5/16	43/64
-29	52	2.166	5/16	43/64
-30	54	2.250	5/16	43/64
-31	56	2.333	5/16	43/64
-32	60	2.500	5/16	43/64



48 PITCH SPUR GEARS

20 Degree Pressure Angle
 1/4" Face Width
 5/16" Hub Projection

Part No. BY103 - (Size Code No.) -62

32 PITCH SPUR GEARS

20 Degree Pressure Angle
 3/16" Face Width
 5/16" Hub Projection

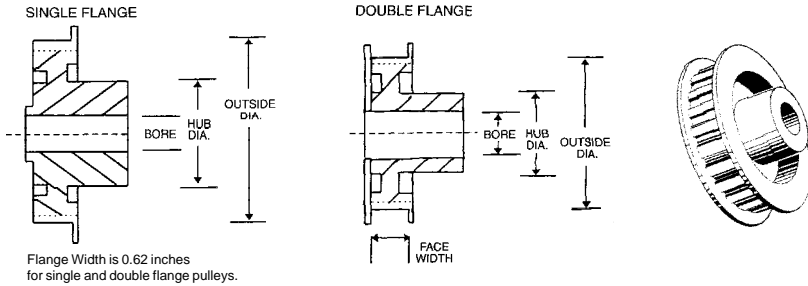
Part No. BY102 - (Size Code No.) -62

Size Code No.	No. of Teeth	Pitch Dia.	Bore	Hub Dia.
-1	12	.375	5/32	9/32
-2	14	.438	5/32	5/16
-3	16	.500	5/32	11/32
-5	18	.562	5/32	11/32
-6	20	.625	3/16	15/32
-7	22	.688	3/16	1/2
-8	24	.750	3/16	1/2
-9	26	.813	3/16	9/16
-10	28	.875	3/16	1/2
-11	30	.938	3/16	9/16
-12	32	1.000	1/4	5/8
-13	34	1.062	1/4	39/64
-14	36	1.125	1/4	39/64
-15	38	1.187	1/4	39/64
-16	40	1.250	1/4	39/64
-17	42	1.312	1/4	39/64
-18	44	1.375	1/4	39/64
-19	48	1.500	1/4	5/8
-20	50	1.563	1/4	9/16
-21	52	1.625	5/16	43/64
-22	53	1.656	5/16	43/64
-23	56	1.750	5/16	43/64
-24	64	2.000	5/16	43/64
-25	72	2.250	5/16	13/16
-26	80	2.500	5/16	13/16
-27	96	3.000	5/16	13/16

Size Code No.	No. of Teeth	Pitch Dia.	Bore	Hub Dia.
-1	18	.375	5/32	5/16
-2	19	.396	5/32	5/16
-3	20	.417	5/32	11/32
-4	21	.438	5/32	11/32
-5	22	.458	5/32	3/8
-6	23	.479	5/32	3/8
-7	24	.500	5/32	1 3/32
-8	25	.521	5/32	1 3/32
-9	26	.542	5/32	29/64
-10	27	.562	5/32	29/64
-11	28	.583	5/32	31/64
-12	29	.604	5/32	31/64
-13	30	.625	5/32	1/2
-14	31	.646	3/16	35/64
-15	32	.667	3/16	35/64
-16	33	.688	3/16	35/64
-17	34	.708	3/16	35/64
-18	35	.729	3/16	35/64
-19	36	.750	3/16	35/64
-20	37	.771	3/16	35/64
-21	38	.792	3/16	35/64
-22	39	.813	3/16	35/64
-23	40	.833	3/16	35/64
-24	42	.875	3/16	35/64
-25	44	.917	3/16	35/64
-26	45	.938	3/16	35/64
-27	48	1.000	1/4	39/64
-28	52	1.083	1/4	39/64
-29	54	1.125	1/4	39/64
-30	56	1.168	1/4	39/64
-31	60	1.250	1/4	39/64
-32	64	1.333	1/4	39/64
-33	66	1.375	1/4	39/64
-34	72	1.500	1/4	39/64
-35	80	1.667	1/4	39/64
-36	84	1.750	1/4	39/64
-37	96	2.000	1/4	39/64
-38	100	2.083	1/4	39/64
-39	108	2.250	1/4	39/64
-40	120	2.500	1/4	39/64

MOLDED TIMING BELT PULLEYS

STANDARD PULLEY has single flange. Double or no flange optional.



.0800" MINI PITCH TIMING BELT PULLEY

STANDARD MATERIAL: Polycarbonate Fiberglass Reinforced
(Other materials and sizes available. Call for quote.)

Single Flange on Hub Side
For 1/4" Wide Belt

1/5" PITCH TIMING BELT PULLEY

STANDARD MATERIAL: -62 Acetal
(Other materials and sizes available. Call for quote.)

For up to 3/8" Wide Belts
3/8" Hub Projection

Part No. BY104 - (Size Code No.)

Size Code No.	No. of Grooves	Pitch Dia.	Bore	Hub Dia.	Outside Dia.
-1	10	.255	3/32	7/16	.235
-2	11	.280	3/32	7/16	.260
-3	12	.306	3/32	7/16	.286
-4	14	.357	1/8	7/16	.337
-5	15	.382	1/8	7/16	.362
-6	16	.407	1/8	7/16	.387
-7	18	.458	3/16	1/2	.438
-8	20	.509	3/16	1/2	.489
-9	21	.535	3/16	1/2	.515
-10	22	.560	3/16	1/2	.540
-11	24	.611	3/16	1/2	.591
-12	26	.662	3/16	1/2	.642
-13	28	.713	1/4	11/16	.693
-14	30	.764	1/4	11/16	.744
-15	32	.815	1/4	11/16	.795
-16	36	.917	1/4	11/16	.897
-17	40	1.019	1/4	11/16	.999
-18	42	1.070	1/4	11/16	1.050
-19	44	1.120	1/4	11/16	1.100
-20	48	1.222	1/4	11/16	1.202
-21	50	1.273	1/4	11/16	1.253
-22	60	1.528	1/4	11/16	1.508
-23	65	1.655	5/16	11/16	1.635
-24	72	1.833	5/16	11/16	1.813
-25	80	2.037	5/16	11/16	2.017
-26	90	2.292	5/16	11/16	2.272
-27	100	2.546	5/16	11/16	2.526
-28	110	2.801	5/16	11/16	2.781
-29	120	3.056	5/16	11/16	3.036
-30	130	3.310	5/16	11/16	3.290

Part No. BY105 - (Size Code No.) - 62

Size Code No.	No. of Grooves	Pitch Dia.	Bore	Hub Dia.	Outside Dia.
-1	10	.637	3/16	1/2	.617
-2	11	.700	3/16	1/2	.680
-3	12	.764	3/16	1/2	.744
-4	14	.891	1/4	1/2	.871
-5	15	.955	1/4	1/2	.935
-6	16	1.019	1/4	1/2	.999
-7	18	1.146	1/4	5/8	1.126
-8	20	1.273	1/4	5/8	1.253
-9	21	1.337	1/4	5/8	1.317
-10	22	1.401	1/4	5/8	1.381
-11	24	1.528	5/16	5/8	1.508
-12	26	1.655	5/16	7/8	1.635
-13	28	1.783	5/16	5/8	1.763
-14	30	1.910	5/16	11/16	1.890
-15	32	2.037	5/16	11/16	2.017
-16	36	2.292	5/16	11/16	2.272
-17	40	2.546	5/16	11/16	2.526
-18	42	2.674	5/16	11/16	2.654
-19	44	2.801	5/16	11/16	2.781
-20	48	3.056	5/16	11/16	3.036
-21	60	3.820	5/16	1.000	3.800

Size Code Nos. 1 thru 20 are single flanged.
Size Code No. 21 has no flange.

For a nominal charge pulleys listed with:
3/16 bore, available in 1/8 & 1/4,
1/4 bore, available in 3/16 & 5/16,
5/16 bore, available in 1/4, 3/8 & 7/16.

MOLDED PLASTIC SPROCKETS

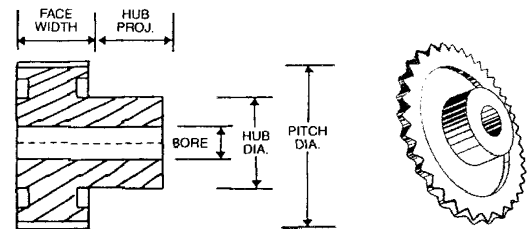
1/4" PITCH MOLDED SPROCKETS

STANDARD MATERIAL: -62 Acetal
 (Other materials and sizes available. Call for quote.)

For #25 Chain
 1/4" Hub Projection

Part No. BY106 - (Size Code No.) -62

Size Code No.	No. of Teeth	Pitch Dia.	Bore	Hub Dia.
-1	10	.809	1/4	39/64
-2	11	.887	1/4	39/64
-3	12	.966	1/4	39/64
-4	14	1.124	1/4	39/64
-5	15	1.203	1/4	39/64
-6	16	1.282	1/4	39/64
-7	17	1.361	1/4	39/64
-8	18	1.440	1/4	39/64
-9	19	1.519	1/4	39/64
-10	20	1.598	1/4	39/64
-11	24	1.915	5/16	39/64
-12	25	1.995	5/16	43/64
-13	26	2.074	5/16	43/64
-14	28	2.234	5/16	43/64
-15	30	2.392	5/16	43/64
-16	32	2.551	3/8	43/64
-17	36	2.869	3/8	43/64
-18	40	3.187	3/8	43/64



1/4 bore available in 1/8 & 3/16
 5/16 bore available in 1/4, 3/8 & 7/16
 Sprockets are available with slotted hubs & without hubs for nominal charges to cover the cost of inserts and cores.