

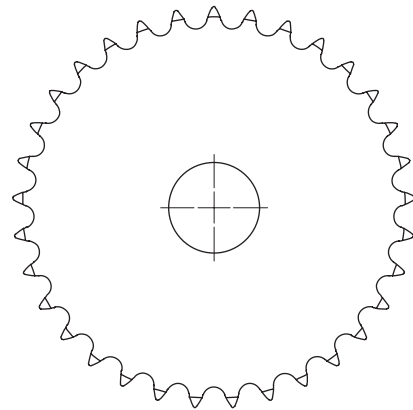
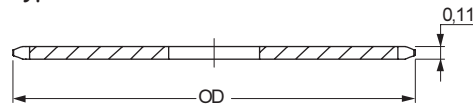
ANSI sprockets

Simplex
Pilot Bore

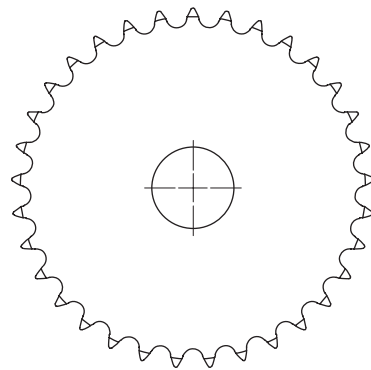
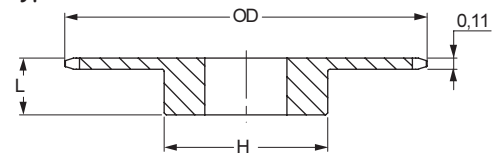


ANSI 25-1 1/4" Pitch

Type A



Type B



Pilot Bore Type B

Type A

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Outside Diameter	Type	Bore Stock	Weight	Designation		
			Min	Max	H	L									Inch	lbs
			Inch	Inch	Inch	Inch									Inch	lbs
9	0.84	B	1/4	1/4	7/16	1/2	0.03	PHS 25-1B9	9	0.84	-	-	-	-		
10	0.92	B	1/4	1/4	1/2	1/2	0.03	PHS 25-1B10	10	0.92	-	-	-	-		
11	1.00	B	1/4	5/16	9/16	1/2	0.04	PHS 25-1B11	11	1.00	-	-	-	-		
12	1.08	B	1/4	3/8	5/8	1/2	0.06	PHS 25-1B12	12	1.08	-	-	-	-		
13	1.17	B	1/4	7/16	23/32	1/2	0.07	PHS 25-1B13	13	1.17	-	-	-	-		
14	1.25	B	1/4	9/16	13/16	1/2	0.08	PHS 25-1B14	14	1.25	-	-	-	-		
15	1.33	B	1/4	5/8	57/64	1/2	0.10	PHS 25-1B15	15	1.33	-	-	-	-		
16	1.41	B	1/4	3/4	31/32	1/2	0.12	PHS 25-1B16	16	1.41	-	-	-	-		
17	1.49	B	1/4	5/8	1 1/32	1/2	0.14	PHS 25-1B17	17	1.49	-	-	-	-		
18	1.57	B	1/4	3/4	1 1/8	1/2	0.16	PHS 25-1B18	18	1.57	A	1/4	0.04	PHS 25-1A18		
19	1.65	B	1/4	13/16	1 1/32	1/2	0.19	PHS 25-1B19	19	1.65	A	1/4	0.04	PHS 25-1A19		
20	1.73	B	1/4	7/8	1 1/32	5/8	0.25	PHS 25-1B20	20	1.73	A	1/4	0.04	PHS 25-1A20		
21	1.81	B	1/4	7/8	1 3/8	5/8	0.28	PHS 25-1B21	21	1.81	A	3/8	0.04	PHS 25-1A21		
22	1.89	B	1/4	15/16	1 7/16	5/8	0.31	PHS 25-1B22	22	1.89	A	3/8	0.06	PHS 25-1A22		
23	1.97	B	1/4	1	1 1/2	5/8	0.32	PHS 25-1B23	23	1.97	A	3/8	0.06	PHS 25-1A23		
24	2.05	B	3/8	1	1 1/2	5/8	0.33	PHS 25-1B24	24	2.05	A	3/8	0.08	PHS 25-1A24		
25	2.13	B	3/8	1	1 1/2	5/8	0.34	PHS 25-1B25	25	2.13	A	3/8	0.08	PHS 25-1A25		
26	2.21	B	3/8	1	1 1/2	5/8	0.35	PHS 25-1B26	26	2.21	A	3/8	0.09	PHS 25-1A26		
28	2.37	B	3/8	1	1 1/2	5/8	0.36	PHS 25-1B28	28	2.37	A	3/8	0.10	PHS 25-1A28		
30	2.53	B	3/8	1	1 1/2	5/8	0.38	PHS 25-1B30	30	2.53	A	3/8	0.12	PHS 25-1A30		
32	2.69	B	3/8	1	1 1/2	5/8	0.40	PHS 25-1B32	32	2.69	A	3/8	0.14	PHS 25-1A32		
35	2.93	-	-	-	-	-	-	-	35	2.93	A	3/8	0.16	PHS 25-1A35		
36	3.01	B	3/8	1	1 1/2	3/4	0.50	PHS 25-1B36	36	3.01	A	3/8	0.18	PHS 25-1A36		
40	3.33	B	1/2	1 3/8	2	3/4	0.53	PHS 25-1B40	40	3.33	A	1/2	0.20	PHS 25-1A40		
42	3.49	-	-	-	-	-	-	-	42	3.49	A	1/2	0.24	PHS 25-1A42		
45	3.73	B	1/2	1 3/8	2	3/4	0.56	PHS 25-1B45	45	3.73	A	1/2	0.25	PHS 25-1A45		
48	3.96	B	1/2	1 3/8	2	3/4	0.56	PHS 25-1B48	48	3.96	A	1/2	0.32	PHS 25-1A48		
54	4.44	B	1/2	1 3/8	2	3/4	1.00	PHS 25-1B54	54	4.44	A	1/2	0.38	PHS 25-1A54		
60	4.92	B	1/2	1 3/8	2	3/4	1.10	PHS 25-1B60	60	4.92	A	1/2	0.54	PHS 25-1A60		
70	5.72	B	1/2	1 3/8	2	3/4	1.25	PHS 25-1B70	70	5.72	-	-	-	-		
72	5.88	B	1/2	1 3/8	2	3/4	1.30	PHS 25-1B72	72	5.88	A	1/2	0.74	PHS 25-1A72		

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.



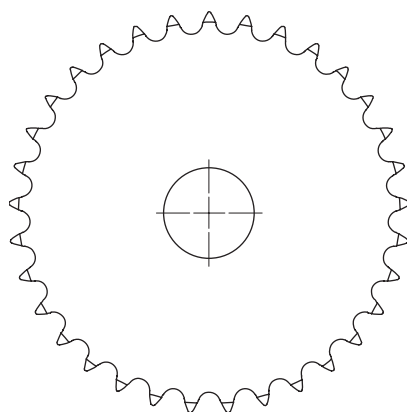
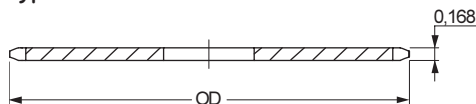
ANSI sprockets

Simplex
Pilot Bore

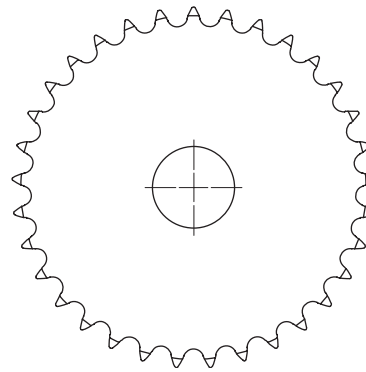
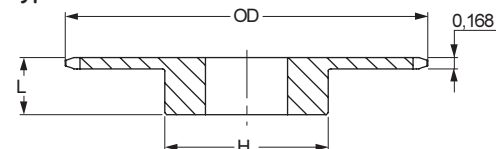
- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

ANSI 35-1 3/8" Pitch

Type A



Type B



Pilot Bore Type B

Type A

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Outside Diameter	Type	Bore Stock	Weight	Designation
			Min	Max	H	L								
8	1.13	B	3/8	3/8	3/4	3/4	0.07	PHS 35-1B8	8	1.13	-	-	-	-
9	1.26	B	3/8	3/8	27/32	3/4	0.09	PHS 35-1B9	9	1.26	-	-	-	-
10	1.38	B	3/8	9/16	31/32	3/4	0.14	PHS 35-1B10	10	1.38	-	-	-	-
11	1.50	B	3/8	9/16	1 1/16	3/4	0.17	PHS 35-1B11	11	1.50	-	-	-	-
12	1.63	B	1/2	9/16	1 7/32	3/4	0.20	PHS 35-1B12	12	1.63	-	-	-	-
13	1.75	B	1/2	11/16	1 1/4	3/4	0.23	PHS 35-1B13	13	1.75	-	-	-	-
14	1.87	B	1/2	7/8	1 1/4	3/4	0.25	PHS 35-1B14	14	1.87	-	-	-	-
15	1.99	B	1/2	7/8	1 15/32	3/4	0.29	PHS 35-1B15	15	1.99	A	1/2	0.10	PHS 35-1A15
16	2.11	B	1/2	15/16	1 15/32	3/4	0.35	PHS 35-1B16	16	2.11	A	1/2	0.12	PHS 35-1A16
17	2.23	B	1/2	1 1/16	1 39/32	3/4	0.42	PHS 35-1B17	17	2.23	A	1/2	0.12	PHS 35-1A17
18	2.35	B	1/2	1 3/16	1 23/32	3/4	0.48	PHS 35-1B18	18	2.35	A	1/2	0.14	PHS 35-1A18
19	2.47	B	1/2	1 1/4	1 27/32	3/4	0.54	PHS 35-1B19	19	2.47	A	1/2	0.16	PHS 35-1A19
20	2.59	B	1/2	1 5/16	1 15/16	3/4	0.59	PHS 35-1B20	20	2.59	A	1/2	0.20	PHS 35-1A20
21	2.71	B	1/2	1 3/8	2 1/8	3/4	0.80	PHS 35-1B21	21	2.71	A	1/2	0.20	PHS 35-1A21
22	2.83	B	1/2	1 3/8	2 7/8	3/4	0.80	PHS 35-1B22	22	2.83	A	1/2	0.22	PHS 35-1A22
23	2.95	B	1/2	1 3/8	2 7/8	3/4	0.82	PHS 35-1B23	23	2.95	A	1/2	0.24	PHS 35-1A23
24	3.07	B	1/2	1 3/8	2 7/8	3/4	0.88	PHS 35-1B24	24	3.07	A	1/2	0.26	PHS 35-1A24
25	3.19	B	1/2	1 3/8	2 7/8	3/4	0.88	PHS 35-1B25	25	3.19	A	1/2	0.28	PHS 35-1A25
26	3.31	B	1/2	1 3/8	2 7/8	3/4	0.90	PHS 35-1B26	26	3.31	A	1/2	0.28	PHS 35-1A26
27	3.43	B	1/2	1 3/8	2 7/8	3/4	0.94	PHS 35-1B27	27	3.43	A	1/2	0.34	PHS 35-1A27
28	3.55	B	1/2	1 3/8	2 7/8	3/4	0.94	PHS 35-1B28	28	3.55	A	1/2	0.34	PHS 35-1A28
30	3.79	B	1/2	1 3/8	2 7/8	3/4	1.02	PHS 35-1B30	30	3.79	A	1/2	0.46	PHS 35-1A30
32	4.03	B	1/2	1 3/8	2 7/8	3/4	1.24	PHS 35-1B32	32	4.03	A	5/8	0.46	PHS 35-1A32
35	4.39	B	5/8	1 1/2	2 1/4	7/8	1.50	PHS 35-1B35	35	4.39	A	5/8	0.60	PHS 35-1A35
36	4.51	B	5/8	1 1/2	2 1/4	7/8	1.56	PHS 35-1B36	36	4.51	A	5/8	0.62	PHS 35-1A36
40	4.99	B	5/8	1 1/2	2 1/4	1	1.62	PHS 35-1B40	40	4.99	A	19/32	0.70	PHS 35-1A40
42	5.23	B	5/8	1 1/2	2 1/4	1	1.68	PHS 35-1B42	42	5.23	A	19/32	0.78	PHS 35-1A42
45	5.59	B	5/8	1 1/2	2 1/4	1	1.78	PHS 35-1B45	45	5.59	A	19/32	0.88	PHS 35-1A45
48	5.95	B	5/8	1 1/2	2 1/4	1	1.88	PHS 35-1B48	48	5.95	A	19/32	1.21	PHS 35-1A48
54	6.66	B	5/8	1 1/2	2 1/4	1	2.20	PHS 35-1B54	54	6.66	A	19/32	1.32	PHS 35-1A54
60	7.38	B	3/4	1 1/2	2 1/4	1	2.48	PHS 35-1B60	60	7.38	A	23/32	1.66	PHS 35-1A60
70	8.58	B	3/4	1 1/2	2 1/4	1	3.12	PHS 35-1B70	70	8.58	A	23/32	2.30	PHS 35-1A70
72	8.81	B	3/4	1 1/2	2 1/4	1	3.42	PHS 35-1B72	72	8.81	A	23/32	2.56	PHS 35-1A72
80	9.77	B	3/4	1 1/2	2 1/4	1	3.82	PHS 35-1B80	80	9.77	A	23/32	3.16	PHS 35-1A80
84	10.25	B	3/4	1 1/2	2 1/4	1	4.24	PHS 35-1B84	84	10.25	A	23/32	3.26	PHS 35-1A84
96	11.68	B	3/4	1 1/2	2 1/4	1	5.16	PHS 35-1B96	96	11.68	A	23/32	4.64	PHS 35-1A96
112	13.59	B	3/4	1 1/2	2 1/4	1	6.70	PHS 35-1B112	112	13.59	A	23/32	5.05	PHS 35-1A112

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.



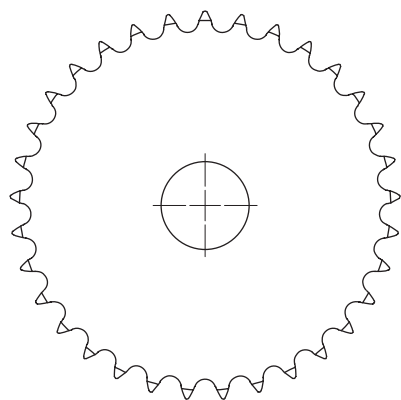
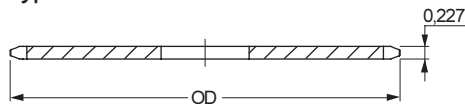
ANSI sprockets



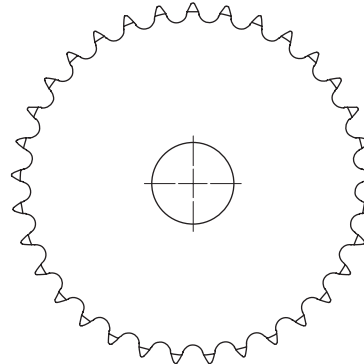
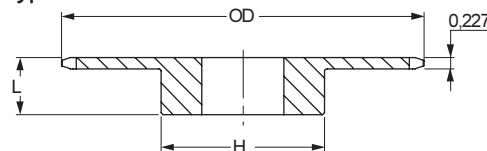
Simplex
Pilot Bore

ANSI 41-1 1/2" Pitch

Type A



Type B



Pilot Bore Type B

Type A

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Outside Diameter	Type	Bore Stock	Weight	Designation		
			Min	Max	H	L									Inch	lbs
			Inch	Inch	Inch	Inch									Inch	lbs
6	1.17	B	3/8	3/8	21/32	7/8	0.07	PHS 41-1B6	6	1.17	-	-	-	-		
7	1.34	B	3/8	3/8	3/4	7/8	0.10	PHS 41-1B7	7	1.34	-	-	-	-		
8	1.51	B	1/2	1/2	63/64	7/8	0.19	PHS 41-1B8	8	1.51	-	-	-	-		
9	1.67	B	1/2	5/8	1 1/8	7/8	0.20	PHS 41-1B9	9	1.67	-	-	-	-		
10	1.84	B	1/2	3/4	1 1/4	7/8	0.27	PHS 41-1B10	10	1.84	-	-	-	-		
11	2.00	B	1/2	7/8	1 7/16	7/8	0.35	PHS 41-1B11	11	2.00	-	-	-	-		
12	2.17	B	1/2	15/16	1 9/16	7/8	0.44	PHS 41-1B12	12	2.17	-	-	-	-		
13	2.33	B	1/2	1	1 9/16	7/8	0.50	PHS 41-1B13	13	2.33	-	-	-	-		
14	2.49	B	1/2	1 1/4	1 3/4	7/8	0.57	PHS 41-1B14	14	2.49	-	-	-	-		
15	2.65	B	1/2	1 5/16	1 38/32	7/8	0.72	PHS 41-1B15	15	2.65	A	5/8	0.28	PHS 41-1A15		
16	2.81	B	5/8	1 3/8	2 1/16	7/8	0.91	PHS 41-1B16	16	2.81	A	5/8	0.34	PHS 41-1A16		
17	2.97	B	5/8	1 1/2	2 25/64	1	1.09	PHS 41-1B17	17	2.97	A	5/8	0.36	PHS 41-1A17		
18	3.14	B	5/8	1 5/8	2 3/8	1	1.25	PHS 41-1B18	18	3.14	A	5/8	0.44	PHS 41-1A18		
19	3.30	B	5/8	1 3/4	2 15/32	1	1.49	PHS 41-1B19	19	3.30	A	5/8	0.46	PHS 41-1A19		
20	3.46	B	5/8	1 7/8	2 3/4	1	1.64	PHS 41-1B20	20	3.46	A	5/8	0.52	PHS 41-1A20		
21	3.62	B	5/8	1 7/8	2 7/8	1	1.81	PHS 41-1B21	21	3.62	A	5/8	0.60	PHS 41-1A21		
22	3.78	B	5/8	2	3	1	1.93	PHS 41-1B22	22	3.78	A	5/8	0.66	PHS 41-1A22		
23	3.94	B	5/8	2 1/4	3 3/16	1	2.25	PHS 41-1B23	23	3.94	A	5/8	0.72	PHS 41-1A23		
24	4.10	B	5/8	2 1/4	3 3/4	1	2.33	PHS 41-1B24	24	4.10	A	5/8	0.82	PHS 41-1A24		
25	4.26	B	5/8	2 3/4	3 3/4	1	2.46	PHS 41-1B25	25	4.26	A	5/8	0.88	PHS 41-1A25		
26	4.42	B	5/8	2 3/4	3 3/4	1	2.50	PHS 41-1B26	26	4.42	A	5/8	0.94	PHS 41-1A26		
27	4.58	B	5/8	2 3/4	3 3/4	1	2.56	PHS 41-1B27	27	4.58	A	5/8	1.00	PHS 41-1A27		
28	4.74	B	5/8	2 3/4	3 3/4	1	2.64	PHS 41-1B28	28	4.74	A	5/8	1.08	PHS 41-1A28		
30	5.06	B	5/8	2 3/4	3 3/4	1	2.80	PHS 41-1B30	30	5.06	A	19/32	1.20	PHS 41-1A30		
32	5.38	B	5/8	2 3/4	3 3/4	1	2.96	PHS 41-1B32	32	5.38	A	19/32	1.44	PHS 41-1A32		
35	5.86	B	5/8	2 3/8	3 3/4	1	3.12	PHS 41-1B35	35	5.86	A	19/32	1.70	PHS 41-1A35		
36	6.02	B	5/8	2 3/8	3 3/4	1	3.32	PHS 41-1B36	36	6.02	A	19/32	1.84	PHS 41-1A36		
40	6.65	B	3/4	2 3/8	3 3/4	1 1/16	4.06	PHS 41-1B40	40	6.65	A	23/32	2.22	PHS 41-1A40		
42	6.97	B	3/4	2 3/8	3 1/2	1 1/16	4.10	PHS 41-1B42	42	6.97	A	23/32	2.50	PHS 41-1A42		
45	7.45	B	3/4	2 3/8	3 1/2	1 3/16	4.18	PHS 41-1B45	45	7.45	A	23/32	2.52	PHS 41-1A45		
48	7.93	B	3/4	2 3/8	3 1/2	1 1/16	4.92	PHS 41-1B48	48	7.93	A	23/32	2.92	PHS 41-1A48		
54	8.88	B	3/4	2 3/8	3 1/2	1 1/16	5.68	PHS 41-1B54	54	8.88	A	23/32	3.54	PHS 41-1A54		
60	9.84	B	3/4	2 3/8	3 1/2	1 1/16	6.78	PHS 41-1B60	60	9.84	A	23/32	4.60	PHS 41-1A60		
70	11.43	B	3/4	2 3/4	4	1 3/16	9.54	PHS 41-1B70	70	11.43	A	23/32	6.22	PHS 41-1A70		
72	11.75	B	3/4	2 3/4	4	1 3/16	9.64	PHS 41-1B72	72	11.75	A	23/32	6.32	PHS 41-1A72		
80	13.03	B	3/4	2 3/4	4	1 3/16	11.54	PHS 41-1B80	80	13.03	A	23/32	8.46	PHS 41-1A80		
84	13.66	B	3/4	2 3/4	4	1 3/16	12.20	PHS 41-1B84	84	13.66	A	23/32	9.12	PHS 41-1A84		
96	15.57	B	1	2 3/4	4	1 3/16	14.86	PHS 41-1B96	96	15.57	A	15/16	11.84	PHS 41-1A96		
112	18.12	B	1	2 3/4	4	1 3/16	19.16	PHS 41-1B112	112	18.12	A	15/16	15.84	PHS 41-1A112		

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.



ANSI sprockets

Simplex
Pilot Bore

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

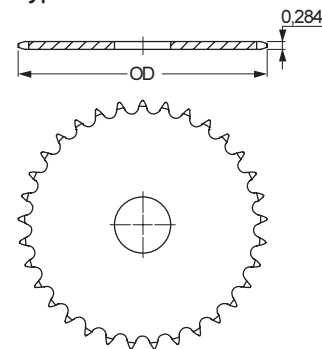
ANSI 40-1 1/2" Pitch

Pilot Bore Type B

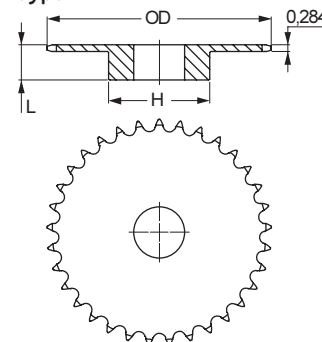
Type A

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Outside Diameter	Type	Bore Stock	Weight	Designation	
			Min	Max	H	L									Inch
	Inch		Inch	Inch	Inch	Inch			Inch		Inch	lbs			
8	1.50	B	1/2	1/2	31/32	7/8	0.18	PHS 40-1B8	8	1.50	-	-	-	-	-
9	1.67	B	1/2	9/16	1 1/16	7/8	0.20	PHS 40-1B9	9	1.67	-	-	-	-	-
10	1.84	B	1/2	3/4	1 1/4	7/8	0.27	PHS 40-1B10	10	1.84	-	-	-	-	-
11	2.00	B	1/2	7/8	1 3/8	7/8	0.35	PHS 40-1B11	11	2.00	-	-	-	-	-
12	2.17	B	1/2	1	1 9/16	7/8	0.45	PHS 40-1B12	12	2.17	A	1/2	0.18	PHS 40-1A12	
13	2.33	B	1/2	1 1/16	1 7/16	7/8	0.50	PHS 40-1B13	13	2.33	A	1/2	0.22	PHS 40-1A13	
14	2.49	B	1/2	1 1/8	1 11/16	7/8	0.59	PHS 40-1B14	14	2.49	A	1/2	0.26	PHS 40-1A14	
15	2.65	B	1/2	1 1/4	1 13/16	7/8	0.70	PHS 40-1B15	15	2.65	A	5/8	0.30	PHS 40-1A15	
16	2.81	B	5/8	1 1/8	2	7/8	0.79	PHS 40-1B16	16	2.81	A	5/8	0.34	PHS 40-1A16	
17	2.98	B	5/8	1 1/16	2 1/8	1	1.04	PHS 40-1B17	17	2.98	A	5/8	0.36	PHS 40-1A17	
18	3.14	B	5/8	1 1/2	2 3/16	1	1.22	PHS 40-1B18	18	3.14	A	5/8	0.44	PHS 40-1A18	
19	3.30	B	5/8	1 3/4	2 1/2	1	1.43	PHS 40-1B19	19	3.30	A	5/8	0.46	PHS 40-1A19	
20	3.46	B	5/8	1 7/8	2 5/8	1	1.56	PHS 40-1B20	20	3.46	A	5/8	0.56	PHS 40-1A20	
21	3.62	B	5/8	1 7/8	2 3/4	1	1.73	PHS 40-1B21	21	3.62	A	5/8	0.58	PHS 40-1A21	
22	3.78	B	5/8	1 7/8	2 7/8	1	1.96	PHS 40-1B22	22	3.78	A	5/8	0.66	PHS 40-1A22	
23	3.94	B	5/8	2	3	1	2.13	PHS 40-1B23	23	3.94	A	5/8	0.72	PHS 40-1A23	
24	4.10	B	5/8	2 1/4	3 1/4	1	2.41	PHS 40-1B24	24	4.10	A	5/8	0.82	PHS 40-1A24	
25	4.26	B	5/8	2 1/4	3 3/4	1	2.54	PHS 40-1B25	25	4.26	A	5/8	0.88	PHS 40-1A25	
26	4.42	B	5/8	2 1/4	3 3/4	1	2.58	PHS 40-1B26	26	4.42	A	5/8	0.94	PHS 40-1A26	
27	4.58	B	5/8	2 1/4	3 3/4	1	2.66	PHS 40-1B27	27	4.58	A	5/8	0.98	PHS 40-1A27	
28	4.74	B	5/8	2 1/2	3 3/4	1	2.73	PHS 40-1B28	28	4.74	A	5/8	1.10	PHS 40-1A28	
29	4.90	B	5/8	2 3/4	3 3/4	1	2.80	PHS 40-1B29	29	4.90	A	19/32	1.22	PHS 40-1A29	
30	5.06	B	5/8	2 3/4	3 3/4	1	2.98	PHS 40-1B30	30	5.06	A	19/32	1.26	PHS 40-1A30	
31	5.22	B	5/8	2 3/4	3 3/4	1	3.10	PHS 40-1B31	31	5.22	A	19/32	1.40	PHS 40-1A31	
32	5.38	B	5/8	2 3/4	3 3/4	1	3.16	PHS 40-1B32	32	5.38	A	19/32	1.48	PHS 40-1A32	
33	5.54	B	5/8	2 3/4	3 3/4	1	3.22	PHS 40-1B33	33	5.54	A	19/32	1.56	PHS 40-1A33	
34	5.70	B	5/8	2 3/4	3 3/4	1	3.30	PHS 40-1B34	34	5.70	A	19/32	1.64	PHS 40-1A34	
35	5.86	B	5/8	2 3/4	3 3/4	1	3.46	PHS 40-1B35	35	5.86	A	19/32	1.70	PHS 40-1A35	
36	6.02	B	5/8	2 3/4	3 3/4	1	3.58	PHS 40-1B36	36	6.02	A	19/32	1.84	PHS 40-1A36	
37	6.18	B	5/8	2 3/4	3 3/4	1	3.62	PHS 40-1B37	37	6.18	A	19/32	1.92	PHS 40-1A37	
38	6.33	B	5/8	2 3/4	3 3/4	1	3.70	PHS 40-1B38	38	6.33	A	19/32	2.00	PHS 40-1A38	
39	6.49	B	5/8	2 3/4	3 3/4	1	3.76	PHS 40-1B39	39	6.49	A	19/32	2.02	PHS 40-1A39	
40	6.65	B	3/4	2 3/8	3 1/2	1 1/8	4.69	PHS 40-1B40	40	6.65	A	23/32	2.22	PHS 40-1A40	
41	6.81	B	3/4	2 3/8	3 1/2	1 1/8	4.76	PHS 40-1B41	41	6.81	A	23/32	2.42	PHS 40-1A41	
42	6.97	B	3/4	2 3/8	3 1/2	1 1/8	4.82	PHS 40-1B42	42	6.97	A	23/32	2.50	PHS 40-1A42	
43	7.13	B	3/4	2 3/8	3 1/2	1 1/8	5.12	PHS 40-1B43	43	7.13	A	23/32	2.80	PHS 40-1A43	
44	7.29	B	3/4	2 3/8	3 1/2	1 1/8	5.15	PHS 40-1B44	44	7.29	A	23/32	2.85	PHS 40-1A44	
45	7.45	B	3/4	2 3/8	3 1/2	1 1/8	5.30	PHS 40-1B45	45	7.45	A	23/32	3.15	PHS 40-1A45	
46	7.61	B	3/4	2 3/8	3 1/2	1 1/8	5.57	PHS 40-1B46	46	7.61	A	23/32	3.26	PHS 40-1A46	
47	7.77	B	3/4	2 3/8	3 1/2	1 1/8	5.44	PHS 40-1B47	47	7.77	A	23/32	3.32	PHS 40-1A47	
48	7.93	B	3/4	2 3/8	3 1/2	1 1/8	5.84	PHS 40-1B48	48	7.93	A	23/32	3.22	PHS 40-1A48	
49	8.09	B	3/4	2 3/8	3 1/2	1 1/8	5.90	PHS 40-1B49	49	8.09	A	23/32	3.44	PHS 40-1A49	
50	8.25	B	3/4	2 3/8	3 1/2	1 1/8	5.96	PHS 40-1B50	50	8.25	A	23/32	3.62	PHS 40-1A50	
51	8.41	B	3/4	2 3/8	3 1/2	1 1/8	6.08	PHS 40-1B51	51	8.41	A	23/32	3.94	PHS 40-1A51	
52	8.57	B	3/4	2 3/8	3 1/2	1 1/8	6.28	PHS 40-1B52	52	8.57	A	23/32	4.08	PHS 40-1A52	
53	8.73	B	3/4	2 3/8	3 1/2	1 1/8	6.33	PHS 40-1B53	53	8.73	A	23/32	4.04	PHS 40-1A53	
54	8.89	B	3/4	2 3/8	3 1/2	1 1/8	6.42	PHS 40-1B54	54	8.89	A	23/32	4.44	PHS 40-1A54	
55	9.04	B	3/4	2 3/8	3 1/2	1 1/8	6.46	PHS 40-1B55	55	9.04	A	23/32	4.54	PHS 40-1A55	
56	9.20	B	3/4	2 3/8	3 1/2	1 1/8	6.89	PHS 40-1B56	56	9.20	A	23/32	4.84	PHS 40-1A56	
57	9.36	B	3/4	2 3/8	3 1/2	1 1/8	7.02	PHS 40-1B57	57	9.36	A	23/32	5.00	PHS 40-1A57	
58	9.52	B	3/4	2 3/8	3 1/2	1 1/8	7.36	PHS 40-1B58	58	9.52	A	23/32	5.12	PHS 40-1A58	
59	9.68	B	3/4	2 3/8	3 1/2	1 1/8	7.45	PHS 40-1B59	59	9.68	A	23/32	5.30	PHS 40-1A59	
60	9.84	B	3/4	2 3/8	3 1/2	1 1/8	7.86	PHS 40-1B60	60	9.84	A	23/32	5.48	PHS 40-1A60	
70	11.43	B	3/4	2 3/4	4	1 1/4	11.00	PHS 40-1B70	70	11.43	A	23/32	7.24	PHS 40-1A70	
72	11.75	B	3/4	2 3/4	4	1 1/4	11.50	PHS 40-1B72	72	11.75	A	23/32	7.74	PHS 40-1A72	
80	13.03	B	3/4	2 3/4	4	1 1/4	13.40	PHS 40-1B80	80	13.03	A	23/32	10.20	PHS 40-1A80	
84	13.66	B	3/4	2 3/4	4	1 1/4	14.04	PHS 40-1B84	84	13.66	A	23/32	10.07	PHS 40-1A84	
96	15.57	B	1	2 3/4	4	1 1/4	17.56	PHS 40-1B96	96	15.57	A	19/16	12.15	PHS 40-1A96	
112	18.12	B	1	2 3/4	4	1 1/4	22.56	PHS 40-1B112	112	18.12	A	19/16	20.00	PHS 40-1A112	

Type A



Type B



Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.



ANSI sprockets

Simplex
Pilot Bore



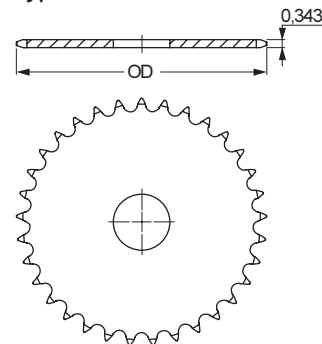
ANSI 50-1 5/8" Pitch

Pilot Bore Type B

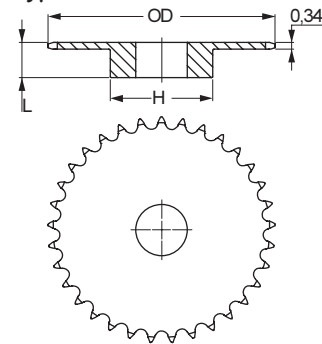
Type A

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Outside Diameter	Type	Bore Stock	Weight	Designation		
			Min	Max	H	L										
			Inch	Inch	Inch	Inch									lbs	
8	1.88	B	5/8	5/8	1	1	0.25	PHS 50-1B8	8	1.88	-	-	-	-	-	
9	2.09	B	5/8	3/4	1	3/8	1	0.36	PHS 50-1B9	9	2.09	-	-	-	-	-
10	2.30	B	5/8	7/8	1	7/16	1	0.48	PHS 50-1B10	10	2.30	-	-	-	-	-
11	2.50	B	5/8	1	1	3/4	1	0.64	PHS 50-1B11	11	2.50	-	-	-	-	-
12	2.71	B	5/8	1 1/4	1	63/64	1	0.83	PHS 50-1B12	12	2.71	A	5/8	0.34	PHS 50-1A12	
13	2.91	B	5/8	1 5/16	1	7/8	1	0.88	PHS 50-1B13	13	2.91	A	5/8	0.42	PHS 50-1A13	
14	3.11	B	5/8	1 7/16	2	7/8	1	1.13	PHS 50-1B14	14	3.11	A	5/8	0.50	PHS 50-1A14	
15	3.32	B	5/8	1 1/2	2	3/8	1	1.34	PHS 50-1B15	15	3.32	A	5/8	0.54	PHS 50-1A15	
16	3.52	B	5/8	1 3/4	2	1/2	1	1.51	PHS 50-1B16	16	3.52	A	5/8	0.68	PHS 50-1A16	
17	3.72	B	5/8	1 7/8	2	11/16	1	1.74	PHS 50-1B17	17	3.72	A	5/8	0.76	PHS 50-1A17	
18	3.92	B	5/8	2	2	7/8	1	2.00	PHS 50-1B18	18	3.92	A	7/8	0.86	PHS 50-1A18	
19	4.12	B	5/8	2	3	1	1	2.22	PHS 50-1B19	19	4.12	A	5/8	0.94	PHS 50-1A19	
20	4.32	B	3/4	2	3	1	1	2.28	PHS 50-1B20	20	4.32	A	3/4	1.06	PHS 50-1A20	
21	4.52	B	3/4	2	3	1	1	2.40	PHS 50-1B21	21	4.52	A	3/4	1.12	PHS 50-1A21	
22	4.72	B	3/4	2	3	1	1	2.56	PHS 50-1B22	22	4.72	A	3/4	1.30	PHS 50-1A22	
23	4.92	B	3/4	2	3	1	1	2.66	PHS 50-1B23	23	4.92	A	3/4	1.44	PHS 50-1A23	
24	5.12	B	3/4	2	3	1	1 1/4	3.30	PHS 50-1B24	24	5.12	A	23/32	1.50	PHS 50-1A24	
25	5.32	B	3/4	2	3	1	1 1/4	3.40	PHS 50-1B25	25	5.32	A	23/32	1.62	PHS 50-1A25	
26	5.52	B	3/4	2	3	1	1 1/4	3.44	PHS 50-1B26	26	5.52	A	23/32	1.72	PHS 50-1A26	
27	5.72	B	3/4	2	3	1	1 1/4	3.74	PHS 50-1B27	27	5.72	A	23/32	1.96	PHS 50-1A27	
28	5.92	B	3/4	2	3	1	1 1/4	3.80	PHS 50-1B28	28	5.92	A	23/32	2.04	PHS 50-1A28	
29	6.12	B	3/4	2	3	1	1 1/4	4.06	PHS 50-1B29	29	6.12	A	23/32	2.36	PHS 50-1A29	
30	6.32	B	3/4	2 1/4	3	1 1/4	1 1/4	4.56	PHS 50-1B30	30	6.32	A	23/32	2.54	PHS 50-1A30	
31	6.52	B	3/4	2 1/4	3	1 1/4	1 1/4	4.74	PHS 50-1B31	31	6.52	A	23/32	2.80	PHS 50-1A31	
32	6.72	B	3/4	2 1/4	3	1 1/4	1 1/4	4.96	PHS 50-1B32	32	6.72	A	23/32	2.72	PHS 50-1A32	
33	6.92	B	3/4	2 1/4	3	1 1/4	1 1/4	5.20	PHS 50-1B33	33	6.92	A	23/32	3.14	PHS 50-1A33	
34	7.12	B	3/4	2 1/4	3	1 1/4	1 1/4	5.14	PHS 50-1B34	34	7.12	A	23/32	3.20	PHS 50-1A34	
35	7.32	B	3/4	2 1/4	3	1 1/4	1 1/4	5.44	PHS 50-1B35	35	7.32	A	23/32	3.34	PHS 50-1A35	
36	7.52	B	3/4	2 1/4	3	1 1/4	1 1/4	5.64	PHS 50-1B36	36	7.52	A	23/32	3.82	PHS 50-1A36	
37	7.72	B	3/4	2 1/4	3	1 1/4	1 1/4	5.90	PHS 50-1B37	37	7.72	A	23/32	3.98	PHS 50-1A37	
38	7.92	B	3/4	2 1/4	3	1 1/4	1 1/4	6.08	PHS 50-1B38	38	7.92	A	23/32	4.14	PHS 50-1A38	
39	8.12	B	3/4	2 1/4	3	1 1/4	1 1/4	6.30	PHS 50-1B39	39	8.12	A	23/32	4.42	PHS 50-1A39	
40	8.32	B	3/4	2 1/4	3	1 1/4	1 1/4	6.50	PHS 50-1B40	40	8.32	A	23/32	4.46	PHS 50-1A40	
41	8.52	B	3/4	2 1/4	3	1 1/4	1 1/4	6.64	PHS 50-1B41	41	8.52	A	23/32	4.86	PHS 50-1A41	
42	8.72	B	3/4	2 1/4	3	1 1/4	1 1/4	6.96	PHS 50-1B42	42	8.72	A	23/32	4.98	PHS 50-1A42	
43	8.91	B	3/4	2 1/4	3	1 1/4	1 1/4	7.06	PHS 50-1B43	43	8.91	A	23/32	5.24	PHS 50-1A43	
44	9.11	B	3/4	2 1/4	3	1 1/4	1 1/4	7.58	PHS 50-1B44	44	9.11	A	23/32	5.42	PHS 50-1A44	
45	9.31	B	3/4	2 1/2	3	1 1/4	1 1/4	8.58	PHS 50-1B45	45	9.31	A	23/32	5.92	PHS 50-1A45	
46	9.51	B	1	2 1/2	3	3/4	1 1/4	8.22	PHS 50-1B46	46	9.51	A	15/16	6.42	PHS 50-1A46	
47	9.71	B	1	2 1/2	3	3/4	1 1/4	8.48	PHS 50-1B47	47	9.71	A	15/16	6.50	PHS 50-1A47	
48	9.91	B	1	2 1/2	3	3/4	1 1/4	9.28	PHS 50-1B48	48	9.91	A	15/16	6.58	PHS 50-1A48	
49	10.11	B	1	2 1/2	3	3/4	1 1/4	9.22	PHS 50-1B49	49	10.11	A	15/16	7.06	PHS 50-1A49	
50	10.31	B	1	2 1/2	3	3/4	1 1/4	9.88	PHS 50-1B50	50	10.31	A	15/16	7.10	PHS 50-1A50	
51	10.51	B	1	2 1/2	3	3/4	1 1/4	9.70	PHS 50-1B51	51	10.51	A	15/16	7.32	PHS 50-1A51	
52	10.71	B	1	2 1/2	3	3/4	1 1/4	10.24	PHS 50-1B52	52	10.71	A	15/16	7.98	PHS 50-1A52	
53	10.91	B	1	2 1/2	3	3/4	1 1/4	10.48	PHS 50-1B53	53	10.91	A	15/16	8.08	PHS 50-1A53	
54	11.11	B	1	2 1/2	3	3/4	1 1/4	11.00	PHS 50-1B54	54	11.11	A	15/16	8.30	PHS 50-1A54	
55	11.31	B	1	2 1/2	3	3/4	1 1/4	10.93	PHS 50-1B55	55	11.31	A	15/16	8.56	PHS 50-1A55	
56	11.50	B	1	2 1/2	3	3/4	1 1/4	11.50	PHS 50-1B56	56	11.50	A	15/16	8.90	PHS 50-1A56	
57	11.70	B	1	2 1/2	3	3/4	1 1/4	12.00	PHS 50-1B57	57	11.70	A	15/16	9.38	PHS 50-1A57	
58	11.90	B	1	2 1/2	3	3/4	1 1/4	11.82	PHS 50-1B58	58	11.90	A	15/16	10.30	PHS 50-1A58	
59	12.10	B	1	2 1/2	3	3/4	1 1/4	12.32	PHS 50-1B59	59	12.10	A	15/16	10.50	PHS 50-1A59	
60	12.30	B	1	2 1/2	3	3/4	1 1/4	13.00	PHS 50-1B60	60	12.30	A	15/16	10.80	PHS 50-1A60	
70	14.29	B	1	2 1/2	3	3/4	1 3/4	18.16	PHS 50-1B70	70	14.29	A	15/16	14.00	PHS 50-1A70	
72	14.69	B	1	2 1/2	3	3/4	1 3/4	19.48	PHS 50-1B72	72	14.69	A	15/16	15.24	PHS 50-1A72	
76	15.49	B	1	2 3/4	3	3/4	1 3/4	21.00	PHS 50-1B76	76	15.49	A	15/16	20.08	PHS 50-1A76	
80	16.28	B	1	2 3/4	4	1/4	1 3/4	24.74	PHS 50-1B80	80	16.28	A	15/16	21.00	PHS 50-1A80	
84	17.08	B	1	2 3/4	4	1/4	1 3/4	25.50	PHS 50-1B84	84	17.08	A	15/16	22.08	PHS 50-1A84	
95	19.27	B	1	2 3/4	4	1/4	1 3/4	32.00	PHS 50-1B95	95	19.27	A	15/16	27.00	PHS 50-1A95	
96	19.47	B	1	2 3/4	4	1/4	1 3/4	32.92	PHS 50-1B96	96	19.47	A	15/16	27.40	PHS 50-1A96	
112	22.65	B	1	2 3/4	4	1/4	1 3/4	42.00	PHS 50-1B112	112	22.65	A	15/16	37.70	PHS 50-1A112	

Type A



Type B



Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.



ANSI sprockets

Simplex
Pilot Bore

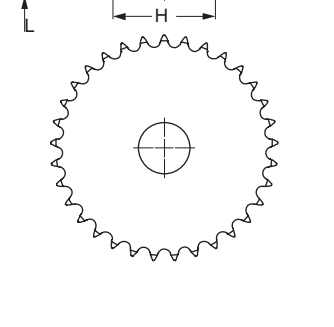
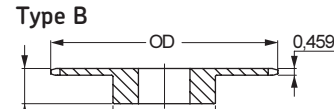
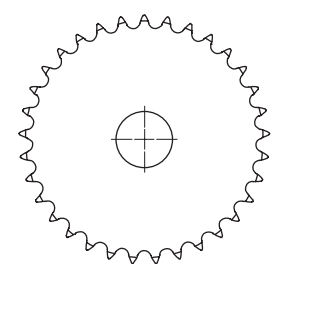
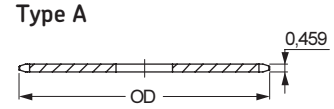
- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

ANSI 60-1 3/4" Pitch

Pilot Bore Type B

Type A

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Outside Diameter	Type	Bore Stock	Weight	Designation
			Min	Max	H	L								
	Inch		Inch	Inch	Inch	Inch			Inch		Inch	lbs		
8	2.26	B	5/8	5/8	1 15/32	1 1/4	0.54	PHS 60-1B88	8	2.26	-	-	-	-
9	2.51	B	3/4	7/8	1 1/16	1 3/4	0.64	PHS 60-1B9	9	2.51	-	-	-	-
10	2.76	B	3/4	1 1/8	1 15/16	1 3/4	0.99	PHS 60-1B10	10	2.76	A	3/4	0.44	PHS 60-1A10
11	3.00	B	3/4	1 5/16	2 3/16	1 3/4	1.16	PHS 60-1B11	11	3.00	A	3/4	0.54	PHS 60-1A11
12	3.25	B	3/4	1 3/8	2 3/8	1 3/4	1.47	PHS 60-1B12	12	3.25	A	3/4	0.68	PHS 60-1A12
13	3.49	B	3/4	1 1/2	2 11/32	1 3/4	1.66	PHS 60-1B13	13	3.49	A	3/4	0.80	PHS 60-1A13
14	3.74	B	3/4	1 3/4	2 7/16	1 3/4	2.00	PHS 60-1B14	14	3.74	A	3/4	0.94	PHS 60-1A14
15	3.98	B	3/4	1 7/8	2 1/8	1 3/4	2.51	PHS 60-1B15	15	3.98	A	3/4	1.08	PHS 60-1A15
16	4.22	B	3/4	2	3 1/16	1 3/4	2.81	PHS 60-1B16	16	4.22	A	3/4	1.24	PHS 60-1A16
17	4.46	B	3/4	2 1/4	3 3/16	1 3/4	3.22	PHS 60-1B17	17	4.46	A	3/4	1.44	PHS 60-1A17
18	4.70	B	3/4	2 3/8	3 1/2	1 3/4	3.72	PHS 60-1B18	18	4.70	A	3/4	1.62	PHS 60-1A18
19	4.95	B	3/4	2 3/8	3 1/2	1 3/4	3.92	PHS 60-1B19	19	4.95	A	3/4	1.84	PHS 60-1A19
20	5.19	B	3/4	2 5/8	3 7/8	1 3/4	4.63	PHS 60-1B20	20	5.19	A	3/4	2.12	PHS 60-1A20
21	5.43	B	3/4	2 3/4	4	1 3/4	5.00	PHS 60-1B21	21	5.43	A	3/4	2.28	PHS 60-1A21
22	5.67	B	3/4	2 3/4	4	1 3/4	5.25	PHS 60-1B22	22	5.67	A	3/4	2.48	PHS 60-1A22
23	5.91	B	3/4	2 3/4	4	1 3/4	5.48	PHS 60-1B23	23	5.91	A	3/4	2.68	PHS 60-1A23
24	6.15	B	3/4	2 3/4	4	1 3/4	5.78	PHS 60-1B24	24	6.15	A	23/32	3.00	PHS 60-1A24
25	6.39	B	3/4	2 3/4	4	1 3/4	6.13	PHS 60-1B25	25	6.39	A	23/32	3.34	PHS 60-1A25
26	6.63	B	3/4	2 3/4	4	1 3/4	6.38	PHS 60-1B26	26	6.63	A	23/32	3.54	PHS 60-1A26
27	6.87	B	3/4	2 3/4	4	1 3/4	6.72	PHS 60-1B27	27	6.87	A	23/32	3.96	PHS 60-1A27
28	7.11	B	3/4	2 3/4	4	1 3/4	6.88	PHS 60-1B28	28	7.11	A	23/32	4.14	PHS 60-1A28
29	7.35	B	3/4	2 3/4	4	1 3/4	7.28	PHS 60-1B29	29	7.35	A	23/32	4.40	PHS 60-1A29
30	7.59	B	3/4	2 3/4	4	1 3/4	7.58	PHS 60-1B30	30	7.59	A	23/32	4.78	PHS 60-1A30
31	7.83	B	3/4	2 3/4	4	1 3/4	7.72	PHS 60-1B31	31	7.83	A	23/32	5.24	PHS 60-1A31
32	8.07	B	3/4	2 3/4	4	1 3/4	8.26	PHS 60-1B32	32	8.07	A	23/32	5.52	PHS 60-1A32
33	8.30	B	1	2 3/4	4	1 3/4	8.42	PHS 60-1B33	33	8.30	A	15/16	5.86	PHS 60-1A33
34	8.54	B	1	2 3/4	4	1 3/4	8.80	PHS 60-1B34	34	8.54	A	15/16	6.16	PHS 60-1A34
35	8.78	B	1	2 3/4	4	1 3/4	9.04	PHS 60-1B35	35	8.78	A	15/16	6.78	PHS 60-1A35
36	9.02	B	1	2 3/4	4	1 3/4	9.60	PHS 60-1B36	36	9.02	A	15/16	6.82	PHS 60-1A36
37	9.26	B	1	2 3/4	4	1 3/4	10.24	PHS 60-1B37	37	9.26	A	15/16	7.52	PHS 60-1A37
38	9.50	B	1	2 3/4	4 3/4	1 3/4	10.84	PHS 60-1B38	38	9.50	A	15/16	7.84	PHS 60-1A38
39	9.74	B	1	2 3/4	4 3/4	1 3/4	11.36	PHS 60-1B39	39	9.74	A	15/16	8.28	PHS 60-1A39
40	9.98	B	1	2 3/4	4 3/4	1 3/4	11.50	PHS 60-1B40	40	9.98	A	15/16	8.56	PHS 60-1A40
41	10.22	B	1	2 3/4	4 3/4	1 3/4	12.14	PHS 60-1B41	41	10.22	A	15/16	9.10	PHS 60-1A41
42	10.46	B	1	2 3/4	4 3/4	1 3/4	12.74	PHS 60-1B42	42	10.46	A	15/16	9.84	PHS 60-1A42
43	10.70	B	1	2 3/4	4 3/4	1 3/4	13.00	PHS 60-1B43	43	10.70	A	15/16	9.74	PHS 60-1A43
44	10.94	B	15/16	2 3/4	4 3/4	1 3/4	13.88	PHS 60-1B44	44	10.94	A	15/16	10.76	PHS 60-1A44
45	11.18	B	15/16	2 3/4	4 3/4	1 3/4	13.98	PHS 60-1B45	45	11.18	A	15/16	11.08	PHS 60-1A45
46	11.42	B	15/16	2 3/4	4 3/4	1 3/4	14.60	PHS 60-1B46	46	11.42	A	15/16	11.50	PHS 60-1A46
47	11.65	B	15/16	2 3/4	4 3/4	1 3/4	15.00	PHS 60-1B47	47	11.65	A	15/16	12.32	PHS 60-1A47
48	11.89	B	15/16	2 3/4	4 3/4	1 3/4	15.82	PHS 60-1B48	48	11.89	A	15/16	12.42	PHS 60-1A48
49	12.13	B	15/16	2 3/4	4 3/4	1 3/4	15.90	PHS 60-1B49	49	12.13	A	15/16	12.92	PHS 60-1A49
50	12.37	B	15/16	2 3/4	4 3/4	1 3/4	17.66	PHS 60-1B50	50	12.37	A	15/16	13.98	PHS 60-1A50
51	12.61	B	15/16	2 3/4	4 3/4	1 3/4	16.98	PHS 60-1B51	51	12.61	A	15/16	14.58	PHS 60-1A51
52	12.85	B	15/16	2 3/4	4 3/4	1 3/4	17.93	PHS 60-1B52	52	12.85	A	15/16	14.60	PHS 60-1A52
53	13.09	B	15/16	2 3/4	4 3/4	1 3/4	17.99	PHS 60-1B53	53	13.09	A	15/16	15.84	PHS 60-1A53
54	13.33	B	15/16	2 3/4	4 3/4	1 3/4	21.60	PHS 60-1B54	54	13.33	A	15/16	15.92	PHS 60-1A54
55	13.57	B	1 1/4	2 3/4	4 3/4	1 3/4	21.14	PHS 60-1B55	55	13.57	A	1 1/4	16.96	PHS 60-1A55
56	13.81	B	1 1/4	2 3/4	4 3/4	1 3/4	21.88	PHS 60-1B56	56	13.81	A	1 1/4	17.60	PHS 60-1A56
57	14.04	B	1 1/4	2 3/4	4 3/4	1 3/4	22.26	PHS 60-1B57	57	14.04	A	1 1/4	17.62	PHS 60-1A57
58	14.28	B	1 1/4	2 3/4	4 3/4	1 3/4	22.80	PHS 60-1B58	58	14.28	A	1 1/4	19.00	PHS 60-1A58
59	14.52	B	1 1/4	2 3/4	4 3/4	1 3/4	23.86	PHS 60-1B59	59	14.52	A	1 1/4	19.20	PHS 60-1A59
60	14.76	B	1 1/4	2 3/4	4 3/4	1 3/4	25.22	PHS 60-1B60	60	14.76	A	1 1/4	20.02	PHS 60-1A60
64	15.72	B	1 3/4	2 3/4	4 3/4	1 3/4	27.40	PHS 60-1B64	64	15.72	A	1 3/4	23.00	PHS 60-1A64
65	15.96	B	1 3/4	2 3/4	4 3/4	1 3/4	28.92	PHS 60-1B65	65	15.96	A	1 3/4	23.24	PHS 60-1A65
66	-	-	-	-	-	-	-	-	66	-	A	1 3/4	24.42	PHS 60-1A66
68	16.67	B	1 3/4	2 3/4	4 3/4	1 3/4	30.38	PHS 60-1B68	68	16.67	A	1 3/4	25.54	PHS 60-1A68
70	17.15	B	1 3/4	2 3/4	4 3/4	1 3/4	31.98	PHS 60-1B70	70	17.15	A	1 3/4	27.20	PHS 60-1A70
72	17.63	B	1 3/4	2 3/4	4 3/4	2	34.18	PHS 60-1B72	72	17.63	A	1 3/4	28.90	PHS 60-1A72
76	18.58	B	1 3/4	2 3/4	4 3/4	2	38.06	PHS 60-1B76	76	18.58	A	1 3/4	32.34	PHS 60-1A76
80	19.54	B	1 3/4	2 3/4	4 3/4	2	41.88	PHS 60-1B80	80	19.54	A	1 3/4	45.50	PHS 60-1A80
84	20.49	B	1 3/4	3 1/4	4 3/4	2	46.46	PHS 60-1B84	84	20.49	A	1 3/4	40.18	PHS 60-1A84
90	21.93	B	1 3/4	3 5/16	5	2 1/4	63.20	PHS 60-1B90	90	21.93	A	1 3/4	43.44	PHS 60-1A90
96	23.36	B	1 3/4	3 3/4	5 1/2	2 1/4	63.08	PHS 60-1B96	96	23.36	A	1 3/4	52.02	PHS 60-1A96



Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required. For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

ANSI sprockets

Simplex
Pilot Bore



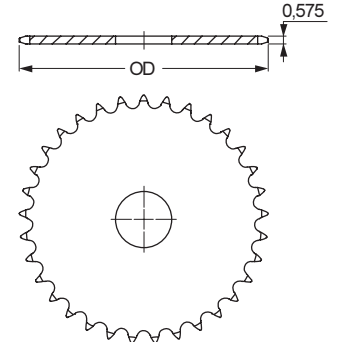
ANSI 80-1 1" Pitch

Pilot Bore Type B/C

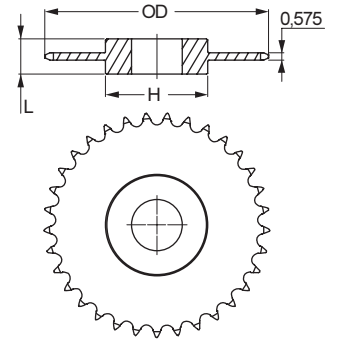
Type A

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Outside Diameter	Type	Bore Stock	Weight	Designation	
			Min	Max	H	L									
			Inch	Inch	Inch	Inch									lbs
8	3.01	B	1	1	1 15/16	1 5/8	1.40	PHS 80-1B8	8	3.01	-	-	-	-	
9	3.35	B	1	1 5/16	2 1/4	1 5/8	1.60	PHS 80-1B9	9	3.35	A	15/16	0.80	PHS 80-1A9	
10	3.68	B	1	1 1/2	2 9/16	1 5/8	2.20	PHS 80-1B10	10	3.68	A	15/16	1.00	PHS 80-1A10	
11	4.01	B	1	1 5/8	2 13/16	1 5/8	3.20	PHS 80-1B11	11	4.01	A	15/16	1.30	PHS 80-1A11	
12	4.33	B	1	1 7/8	3 1/8	1 5/8	3.40	PHS 80-1B12	12	4.33	A	15/16	1.50	PHS 80-1A12	
13	4.66	B	1	2	3	1 1/2	3.50	PHS 80-1B13	13	4.66	A	15/16	1.80	PHS 80-1A13	
14	4.98	B	1	2 1/4	3 1/4	1 1/2	4.10	PHS 80-1B14	14	4.98	A	15/16	2.20	PHS 80-1A14	
15	5.30	B	1	2 1/2	3 13/16	1 1/2	5.30	PHS 80-1B15	15	5.30	A	15/16	2.50	PHS 80-1A15	
16	5.63	B	1	2 3/4	4	1 1/2	5.90	PHS 80-1B16	16	5.63	A	15/16	2.90	PHS 80-1A16	
17	5.95	B	1	2 3/4	4	1 1/2	6.60	PHS 80-1B17	17	5.95	A	15/16	3.30	PHS 80-1A17	
18	6.27	B	1	2 3/4	4 1/4	1 1/2	7.30	PHS 80-1B18	18	6.27	A	15/16	3.70	PHS 80-1A18	
19	6.59	B	1	2 3/4	4 1/4	1 1/2	7.80	PHS 80-1B19	19	6.59	A	15/16	4.10	PHS 80-1A19	
20	6.91	B	1	2 3/4	4 1/4	1 1/2	8.40	PHS 80-1B20	20	6.91	A	15/16	4.70	PHS 80-1A20	
21	7.24	B	1	2 3/4	4 1/4	1 1/2	9.40	PHS 80-1B21	21	7.24	A	15/16	4.90	PHS 80-1A21	
22	7.56	B	1	2 3/4	4 1/4	1 3/4	10.00	PHS 80-1B22	22	7.56	A	15/16	5.50	PHS 80-1A22	
23	7.88	B	1	2 3/4	4 1/4	1 3/4	10.70	PHS 80-1B23	23	7.88	A	15/16	6.30	PHS 80-1A23	
24	8.20	B	1	2 3/4	4 1/4	1 3/4	11.30	PHS 80-1B24	24	8.20	A	15/16	6.70	PHS 80-1A24	
25	8.52	B	1	2 3/4	4 1/4	1 3/4	11.90	PHS 80-1B25	25	8.52	A	15/16	7.20	PHS 80-1A25	
26	8.84	B	1	2 3/4	4 1/4	2	14.30	PHS 80-1B26	26	8.84	A	1 3/16	7.80	PHS 80-1A26	
27	9.16	B	1	2 3/4	4 3/4	2	15.40	PHS 80-1B27	27	9.16	A	1 3/16	8.60	PHS 80-1A27	
28	9.48	B	1	2 3/4	4 3/4	2	16.00	PHS 80-1B28	28	9.48	A	1 3/16	9.30	PHS 80-1A28	
29	9.80	B	1	2 3/4	4 3/4	2	17.10	PHS 80-1B29	29	9.80	A	1 3/16	9.80	PHS 80-1A29	
30	10.11	B	1	2 3/4	4 3/4	2	17.40	PHS 80-1B30	30	10.11	A	1 3/16	10.70	PHS 80-1A30	
31	10.43	B	1	2 3/4	4 3/4	2	18.70	PHS 80-1B31	31	10.43	A	1 3/16	11.30	PHS 80-1A31	
32	10.75	B	1	2 3/4	4 3/4	2	19.50	PHS 80-1B32	32	10.75	A	1 3/16	12.10	PHS 80-1A32	
33	11.07	B	1	2 3/4	4 3/4	2	19.60	PHS 80-1B33	33	11.07	A	1 3/16	13.60	PHS 80-1A33	
34	11.39	B	1	2 3/4	4 3/4	2	21.30	PHS 80-1B34	34	11.39	A	1 3/16	14.30	PHS 80-1A34	
35	11.71	B	1	2 3/4	4 3/4	2	22.10	PHS 80-1B35	35	11.71	A	1 3/16	14.80	PHS 80-1A35	
36	12.03	B	1	2 3/4	4 3/4	2	23.10	PHS 80-1B36	36	12.03	A	1 3/16	16.10	PHS 80-1A36	
37	12.35	B	1	2 3/4	4 3/4	2	23.80	PHS 80-1B37	37	12.35	A	1 3/16	16.80	PHS 80-1A37	
38	12.67	B	1	2 3/4	4 3/4	2	24.70	PHS 80-1B38	38	12.67	A	1 3/16	17.20	PHS 80-1A38	
39	12.99	B	1	2 3/4	4 3/4	2	25.60	PHS 80-1B39	39	12.99	A	1 3/16	17.90	PHS 80-1A39	
40	13.31	B	1	2 3/4	4 3/4	2	26.70	PHS 80-1B40	40	13.31	A	1 3/16	18.90	PHS 80-1A40	
41	13.63	B	1	2 3/4	4 3/4	2	27.80	PHS 80-1B41	41	13.63	A	1 3/16	21.00	PHS 80-1A41	
42	13.94	B	1	2 3/4	4 3/4	2	28.70	PHS 80-1B42	42	13.94	A	1 1/4	21.80	PHS 80-1A42	
43	14.26	B	1	2 3/4	4 3/4	2	29.40	PHS 80-1B43	43	14.26	A	1 1/4	23.60	PHS 80-1A43	
44	14.58	B	1	2 3/4	4 3/4	2	29.90	PHS 80-1B44	44	14.58	A	1 1/4	24.30	PHS 80-1A44	
45	14.90	B	1	2 3/4	4 3/4	2	31.40	PHS 80-1B45	45	14.90	A	1 1/4	25.20	PHS 80-1A45	
46	15.22	B	1	2 3/4	4 3/4	2	33.10	PHS 80-1B46	46	15.22	A	1 1/4	26.60	PHS 80-1A46	
47	15.54	B	1	2 3/4	4 3/4	2	34.00	PHS 80-1B47	47	15.54	A	1 1/4	26.40	PHS 80-1A47	
48	15.86	B	1	2 3/4	4 3/4	2	35.50	PHS 80-1B48	48	15.86	A	1 1/4	27.80	PHS 80-1A48	
49	16.18	B	1	2 3/4	4 3/4	2	35.80	PHS 80-1B49	49	16.18	A	1 1/4	28.90	PHS 80-1A49	
50	16.50	B	1	2 3/4	4 3/4	2	37.30	PHS 80-1B50	50	16.50	A	1 1/4	30.90	PHS 80-1A50	
51	16.81	B	1	2 3/4	4 3/4	2	38.60	PHS 80-1B51	51	16.81	A	1 1/4	32.20	PHS 80-1A51	
52	17.13	B	1	2 3/4	4 3/4	2	39.40	PHS 80-1B52	52	17.13	A	1 1/4	33.00	PHS 80-1A52	
53	17.45	B	1	2 3/4	4 3/4	2	41.30	PHS 80-1B53	53	17.45	A	1 1/4	34.90	PHS 80-1A53	
54	17.77	B	1	2 3/4	5 1/4	2	44.70	PHS 80-1B54	54	17.77	A	1 3/4	36.60	PHS 80-1A54	
55	18.09	B	1	2 3/4	5 1/4	2	45.60	PHS 80-1B55	55	18.09	A	1 3/4	37.50	PHS 80-1A55	
56	18.41	B	1	2 3/4	5 1/4	2	47.50	PHS 80-1B56	56	18.41	A	1 3/4	39.40	PHS 80-1A56	
57	18.73	B	1	2 3/4	5 1/4	2	48.50	PHS 80-1B57	57	18.73	A	1 3/4	40.40	PHS 80-1A57	
58	19.04	B	1	2 3/4	5 1/4	2	50.50	PHS 80-1B58	58	19.04	A	1 3/4	41.30	PHS 80-1A58	
59	19.36	B	1	2 3/4	5 1/4	2	52.10	PHS 80-1B59	59	19.36	A	1 3/4	42.90	PHS 80-1A59	
60	19.68	B	1	2 3/4	5 1/4	2	54.50	PHS 80-1B60	60	19.68	A	1 3/4	45.30	PHS 80-1A60	
65	21.27	B	1	2 3/4	5 3/4	2	61.80	PHS 80-1B65	65	21.27	A	1 3/4	52.20	PHS 80-1A65	
70	22.87	C	1	1/2	4 1/4	6 1/4	3 1/2	75.70	PHS 80-1C70	70	22.87	A	1 1/2	59.80	PHS 80-1A70
72	23.50	C	1	1/2	4 3/4	6 3/4	3 1/2	81.40	PHS 80-1C72	72	23.50	A	1 1/2	65.70	PHS 80-1A72
76	24.78	C	1	1/2	4 1/2	6 3/4	3 1/2	87.80	PHS 80-1C76	76	24.78	A	1 1/2	70.20	PHS 80-1A76
80	26.05	C	1	1/2	4 1/4	6 3/4	3 1/2	89.90	PHS 80-1C80	80	26.05	A	1 1/2	79.60	PHS 80-1A80
84	27.33	C	1	1/2	4 1/4	6 3/4	3 1/2	99.20	PHS 80-1C84	84	27.33	A	1 1/2	86.10	PHS 80-1A84
90	29.24	C	1	1/2	4 3/4	6 3/4	3 1/2	106.00	PHS 80-1C90	90	29.24	A	1 1/2	101.00	PHS 80-1A90
96	31.15	C	1	1/2	4 3/4	6 3/4	3 1/2	117.00	PHS 80-1C96	96	31.15	A	1 1/2	120.00	PHS 80-1A96
112	36.24	C	1	1/2	4 3/4	6 3/4	3 1/2	154.00	PHS 80-1C112	112	36.24	A	1 1/2	165.00	PHS 80-1A112

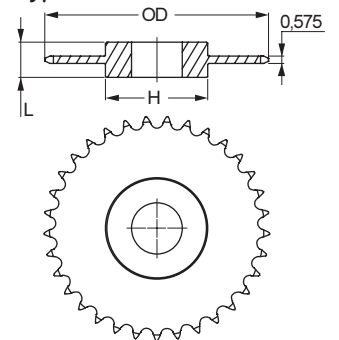
Type A



Type B



Type C



Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.



ANSI sprockets

Simplex

Pilot Bore

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

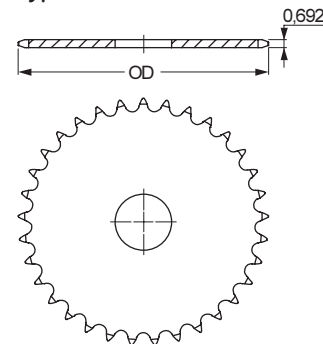
ANSI 100-1 1 1/4" Pitch

Pilot Bore Type B/C

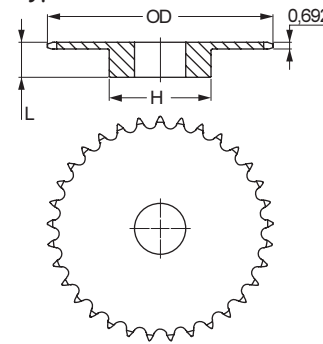
Type A

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Outside Diameter	Type	Bore Stock	Weight	Designation
			Min	Max	H	L								
	Inch		Inch	Inch	Inch	Inch	lbs				Inch	lbs		
7	3,35	-	-	-	-	-	-	-	7	3,35	A	1	1,20	PHS 100-1A7
8	3,77	B	1	1 1/4	2 7/16	1 7/8	2,30	PHS 100-1B8	8	3,77	A	1	1,40	PHS 100-1A8
9	4,18	B	1	1 1/8	2 13/16	1 7/8	3,20	PHS 100-1B9	9	4,18	A	1	1,60	PHS 100-1A9
10	4,60	B	1	1 7/8	3 1/4	1 7/8	4,10	PHS 100-1B10	10	4,60	A	1	2,00	PHS 100-1A10
11	5,01	B	1	2 1/4	3 9/16	1 7/8	5,30	PHS 100-1B11	11	5,01	A	1 1/4	2,50	PHS 100-1A11
12	5,42	B	1	2 3/4	4	1 7/8	6,40	PHS 100-1B12	12	5,42	A	1 3/4	3,00	PHS 100-1A12
13	5,82	B	1	2 3/8	3 7/8	1 5/8	6,60	PHS 100-1B13	13	5,82	A	1 1/4	3,50	PHS 100-1A13
14	6,23	B	1 1/4	2 3/4	4 3/16	1 5/8	7,40	PHS 100-1B14	14	6,23	A	1 3/4	4,10	PHS 100-1A14
15	6,63	B	1 1/4	3	4 1/2	1 3/4	9,20	PHS 100-1B15	15	6,63	A	1 1/4	4,70	PHS 100-1A15
16	7,03	B	1 5/16	3	4 1/2	1 3/4	9,90	PHS 100-1B16	16	7,03	A	1 3/4	5,40	PHS 100-1A16
17	7,44	B	1 5/16	3	4 1/2	1 3/4	10,80	PHS 100-1B17	17	7,44	A	1 3/4	6,10	PHS 100-1A17
18	7,84	B	1 5/16	3	4 1/2	1 3/4	11,50	PHS 100-1B18	18	7,84	A	1 3/4	7,00	PHS 100-1A18
19	8,24	B	1 5/16	3	4 1/2	2	13,10	PHS 100-1B19	19	8,24	A	1 3/4	7,80	PHS 100-1A19
20	8,64	B	1 5/16	3	4 1/2	2	14,20	PHS 100-1B20	20	8,64	A	1 3/4	8,80	PHS 100-1A20
21	9,04	B	1 5/16	3	4 1/2	2	15,30	PHS 100-1B21	21	9,04	A	1 3/4	9,80	PHS 100-1A21
22	9,44	B	1 5/16	3	4 1/2	2	16,10	PHS 100-1B22	22	9,44	A	1 3/4	10,50	PHS 100-1A22
23	9,84	B	1 1/4	3	4 1/2	2	17,20	PHS 100-1B23	23	9,84	A	1 3/4	11,80	PHS 100-1A23
24	10,25	B	1 1/4	3	4 1/2	2	19,20	PHS 100-1B24	24	10,25	A	1 3/4	12,80	PHS 100-1A24
25	10,65	B	1 1/4	3	4 1/2	2	19,50	PHS 100-1B25	25	10,65	A	1 3/4	13,90	PHS 100-1A25
26	11,05	B	1 3/4	3 5/16	5	2	21,70	PHS 100-1B26	26	11,05	A	1 3/4	15,00	PHS 100-1A26
27	11,44	B	1 3/4	3 5/16	5	2	23,00	PHS 100-1B27	27	11,44	A	1 3/4	16,00	PHS 100-1A27
28	11,84	B	1 3/4	3 5/16	5	2	24,40	PHS 100-1B28	28	11,84	A	1 3/4	17,40	PHS 100-1A28
29	12,24	B	1 3/4	3 5/16	5	2	25,00	PHS 100-1B29	29	12,24	A	1 3/4	19,60	PHS 100-1A29
30	12,64	B	1 3/4	3 5/16	5	2	26,90	PHS 100-1B30	30	12,64	A	1 3/4	20,10	PHS 100-1A30
31	13,04	-	-	-	-	-	-	-	31	13,04	A	1 3/4	21,50	PHS 100-1A31
32	13,44	B	1 3/4	3 5/16	5	2	29,80	PHS 100-1B32	32	13,44	A	1 3/4	22,60	PHS 100-1A32
33	13,84	-	-	-	-	-	-	-	33	13,84	A	1 3/4	24,10	PHS 100-1A33
34	14,24	-	-	-	-	-	-	-	34	14,24	A	1 3/4	26,00	PHS 100-1A34
35	14,64	B	1 3/4	3 5/16	5	2 1/2	36,90	PHS 100-1B35	35	14,64	A	1 3/4	27,20	PHS 100-1A35
36	15,04	B	1 3/4	3 5/16	5	2 1/2	38,60	PHS 100-1B36	36	15,04	A	1 3/4	30,00	PHS 100-1A36
37	15,44	-	-	-	-	-	-	-	37	15,44	A	1 3/4	31,00	PHS 100-1A37
38	15,84	B	1 3/4	3 5/16	5	2 1/2	41,50	PHS 100-1B38	38	15,84	A	1 3/4	33,00	PHS 100-1A38
39	16,23	B	1 3/4	3 5/16	5	2 1/2	43,60	PHS 100-1B39	39	16,23	A	1 3/4	35,00	PHS 100-1A39
40	16,63	B	1 3/4	3 5/16	5	2 1/2	46,90	PHS 100-1B40	40	16,63	A	1 3/4	36,00	PHS 100-1A40
41	17,03	-	-	-	-	-	-	-	41	17,03	A	1 3/4	39,00	PHS 100-1A41
42	17,43	B	1 3/4	3 5/16	5	2 1/2	50,40	PHS 100-1B42	42	17,43	A	1 3/4	40,00	PHS 100-1A42
43	17,83	-	-	-	-	-	-	-	43	17,83	A	1 1/2	43,00	PHS 100-1A43
44	18,23	-	-	-	-	-	-	-	44	18,23	A	1 1/2	45,00	PHS 100-1A44
45	18,63	B	1 1/2	3 5/16	5	2 1/2	54,00	PHS 100-1B45	45	18,63	A	1 1/2	47,00	PHS 100-1A45
46	19,02	-	-	-	-	-	-	-	46	19,02	A	1 1/2	48,00	PHS 100-1A46
47	19,42	-	-	-	-	-	-	-	47	19,42	A	1 1/2	52,00	PHS 100-1A47
48	19,82	B	1 1/2	4	6	2 1/2	66,00	PHS 100-1B48	48	19,82	A	1 1/2	54,00	PHS 100-1A48
49	20,22	-	-	-	-	-	-	-	49	20,22	A	1 1/2	56,00	PHS 100-1A49
50	20,62	-	-	-	-	-	-	-	50	20,62	A	1 1/2	57,00	PHS 100-1A50
51	21,02	-	-	-	-	-	-	-	51	21,02	A	1 1/2	63,00	PHS 100-1A51
52	21,42	-	-	-	-	-	-	-	52	21,42	A	1 1/2	64,00	PHS 100-1A52
53	21,81	-	-	-	-	-	-	-	53	21,81	A	1 1/2	64,20	PHS 100-1A53
54	22,21	C	1 1/2	4	6	3 1/4	78,00	PHS 100-1C54	54	22,21	A	1 1/2	68,00	PHS 100-1A54
55	22,61	-	-	-	-	-	-	-	55	22,61	A	1 1/2	70,00	PHS 100-1A55
56	23,01	-	-	-	-	-	-	-	56	23,01	A	1 1/2	72,00	PHS 100-1A56
57	23,41	-	-	-	-	-	-	-	57	23,41	A	1 1/2	75,80	PHS 100-1A57
58	23,81	-	-	-	-	-	-	-	58	23,81	A	1 1/2	76,00	PHS 100-1A58
59	24,20	-	-	-	-	-	-	-	59	24,20	A	1 1/2	77,00	PHS 100-1A59
60	24,60	C	1 1/2	4	6	3 1/4	89,00	PHS 100-1C60	60	24,60	A	1 1/2	80,00	PHS 100-1A60
70	28,58	C	1 1/2	5 1/4	7	3 3/4	125,00	PHS 100-1C70	70	28,58	A	1 1/2	113,00	PHS 100-1A70
72	29,38	C	1 1/2	5 1/4	7	3 3/4	134,00	PHS 100-1C72	72	29,38	A	1 1/2	119,00	PHS 100-1A72
76	30,97	C	1 1/2	5 1/4	7	3 3/4	143,00	PHS 100-1C76	76	30,97	A	1 1/2	133,00	PHS 100-1A76
80	32,57	C	1 1/2	5 1/4	7	3 3/4	151,00	PHS 100-1C80	80	32,57	A	1 1/2	146,00	PHS 100-1A80
84	34,16	C	1 1/2	5 1/4	7	3 3/4	170,00	PHS 100-1C84	84	34,16	A	1 1/2	162,00	PHS 100-1A84
90	36,55	C	1 1/2	5 1/4	7	3 3/4	184,00	PHS 100-1C90	90	36,55	A	1 1/2	193,00	PHS 100-1A90
96	38,93	C	1 1/2	5 1/4	7	4 1/2	203,00	PHS 100-1C96	96	38,93	A	1 1/2	215,00	PHS 100-1A96

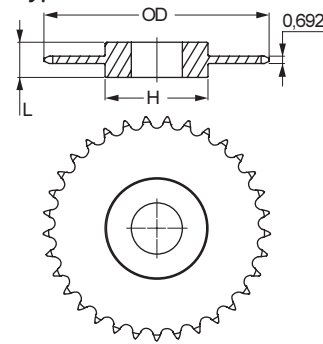
Type A



Type B



Type C



Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

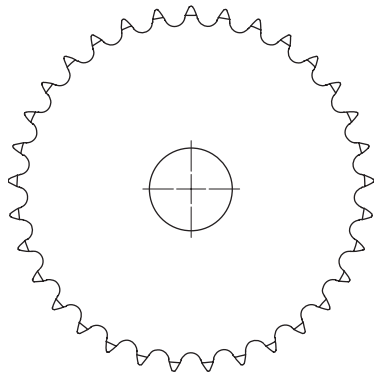
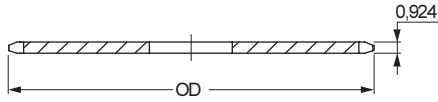
ANSI sprockets

Simplex
Pilot Bore

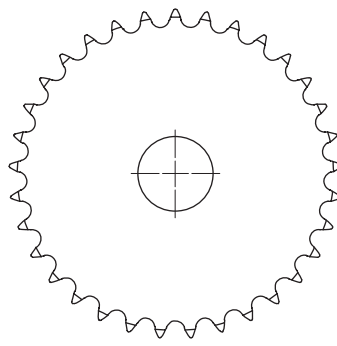
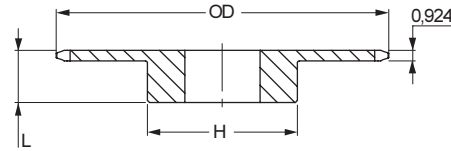


ANSI 120-1 1 1/2" Pitch

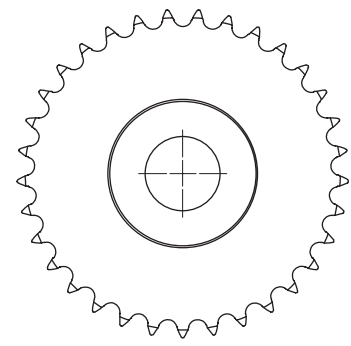
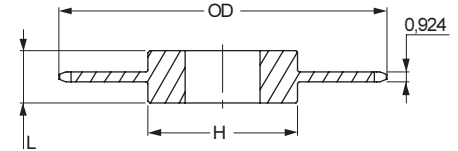
Type A



Type B



Type C



Pilot Bore Type B/C

Type A

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Outside Diameter	Type	Bore Stock	Weight	Designation
			Min	Max	H	L								
	Inch		Inch	Inch	Inch	Inch	lbs		Inch		Inch	lbs		
8	4,52	-	-	-	-	-	-	-	8	4,52	A	1 1/4	2,40	PHS 120-1A8
9	5,02	B	1 3/8	1 13/16	3 3/8	2 1/4	5,30	PHS 120-1B9	9	5,02	A	1 1/4	3,00	PHS 120-1A9
10	5,52	B	1 3/8	2 1/4	3 3/4	2 1/4	7,10	PHS 120-1B10	10	5,52	A	1 1/4	3,80	PHS 120-1A10
11	6,01	B	1 3/8	2 3/8	3 9/16	2 1/8	7,60	PHS 120-1B11	11	6,01	A	1 1/4	4,80	PHS 120-1A11
12	6,50	B	1 3/8	2 3/4	4 1/8	2 1/8	9,90	PHS 120-1B12	12	6,50	A	1 1/4	5,80	PHS 120-1A12
13	6,99	B	1 3/8	3	4 9/16	2 1/4	12,40	PHS 120-1B13	13	6,99	A	1 1/4	6,70	PHS 120-1A13
14	7,47	B	1 3/8	3 1/4	4 3/4	2 1/4	14,40	PHS 120-1B14	14	7,47	A	1 1/4	8,00	PHS 120-1A14
15	7,96	B	1 3/4	3 3/4	4 3/4	2 3/8	16,70	PHS 120-1B15	15	7,96	A	1 1/4	9,10	PHS 120-1A15
16	8,44	B	1 3/4	3 1/2	5 1/4	2 3/8	19,90	PHS 120-1B16	16	8,44	A	1 1/4	10,60	PHS 120-1A16
17	8,92	B	1 3/4	3 1/2	5 1/4	2 3/8	20,80	PHS 120-1B17	17	8,92	A	1 1/4	12,60	PHS 120-1A17
18	9,41	B	1 3/4	3 1/2	5 1/4	2 3/8	22,20	PHS 120-1B18	18	9,41	A	1 1/4	13,60	PHS 120-1A18
19	9,89	B	1 3/4	3 1/2	5 1/4	2 3/8	24,80	PHS 120-1B19	19	9,89	A	1 1/4	15,10	PHS 120-1A19
20	10,37	B	1 3/4	3 1/2	5 1/4	2 3/8	25,80	PHS 120-1B20	20	10,37	A	1 1/4	16,90	PHS 120-1A20
21	10,85	B	1 3/4	3 1/2	5 1/4	2 3/8	26,70	PHS 120-1B21	21	10,85	A	1 1/4	18,70	PHS 120-1A21
22	11,33	B	1 3/4	3 1/2	5 1/4	2 3/8	28,20	PHS 120-1B22	22	11,33	A	1 1/4	20,00	PHS 120-1A22
23	11,81	B	1 3/4	3 1/2	5 1/4	2 3/8	30,30	PHS 120-1B23	23	11,81	A	1 1/4	22,10	PHS 120-1A23
24	12,29	B	1 3/4	3 1/2	5 1/4	2 3/8	32,10	PHS 120-1B24	24	12,29	A	1 1/4	24,80	PHS 120-1A24
25	12,77	B	1 3/4	3 1/2	5 1/4	2 3/8	34,60	PHS 120-1B25	25	12,77	A	1 1/4	26,80	PHS 120-1A25
26	13,25	B	1 1/2	4	6	2 1/2	40,00	PHS 120-1B26	26	13,25	A	1 1/2	28,30	PHS 120-1A26
27	13,73	-	-	-	-	-	-	-	27	13,73	A	1 1/2	30,90	PHS 120-1A27
28	14,21	B	1 1/2	4	6	2 1/2	44,90	PHS 120-1B28	28	14,21	A	1 1/2	33,60	PHS 120-1A28
30	15,17	B	1 1/2	4	6	2 1/2	50,20	PHS 120-1B30	30	15,17	A	1 1/2	39,00	PHS 120-1A30
32	16,13	B	1 1/2	4	6	2 1/2	56,00	PHS 120-1B32	32	16,13	A	1 1/2	43,90	PHS 120-1A32
33	16,61	-	-	-	-	-	-	-	33	16,61	A	1 1/2	48,20	PHS 120-1A33
34	17,09	-	-	-	-	-	-	-	34	17,09	A	1 1/2	50,00	PHS 120-1A34
35	17,57	B	1 1/2	4	6	2 1/2	62,40	PHS 120-1B35	35	17,57	A	1 1/2	52,00	PHS 120-1A35
36	18,05	B	1 1/2	4	6	2 1/2	66,40	PHS 120-1B36	36	18,05	A	1 1/2	56,00	PHS 120-1A36
40	19,96	C	1 1/2	4	6	3 3/4	92,00	PHS 120-1C40	40	19,96	A	1 1/2	71,00	PHS 120-1A40
42	20,92	C	1 1/2	4	6	3 3/4	98,00	PHS 120-1C42	42	20,92	A	1 1/2	75,00	PHS 120-1A42
45	22,35	C	1 1/2	4	6	3 3/4	99,20	PHS 120-1C45	45	22,35	A	1 1/2	88,00	PHS 120-1A45
48	23,79	C	1 1/2	4	6	4	113,00	PHS 120-1C48	48	23,79	A	1 1/2	103,00	PHS 120-1A48
54	26,65	C	1 1/2	4	6	4	133,00	PHS 120-1C54	54	26,65	A	1 1/2	140,00	PHS 120-1A54
60	29,52	C	1 1/2	5 1/4	7	4	160,00	PHS 120-1C60	60	29,52	A	1 1/2	160,00	PHS 120-1A60
70	34,30	C	1 1/2	5 3/8	7 1/2	4 1/2	206,00	PHS 120-1C70	70	34,30	A	1 1/2	216,00	PHS 120-1A70
80	39,08	C	1 1/2	5 3/8	7 1/2	4 1/2	254,00	PHS 120-1C80	80	39,08	A	1 1/2	284,00	PHS 120-1A80
90	43,85	-	-	-	-	-	-	-	90	43,85	A	1 1/2	358,00	PHS 120-1A90

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required. For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.



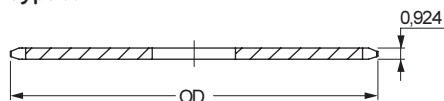
ANSI sprockets

Simplex
Pilot Bore

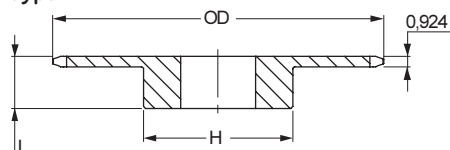
- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

ANSI 140-1 1 3/4" Pitch

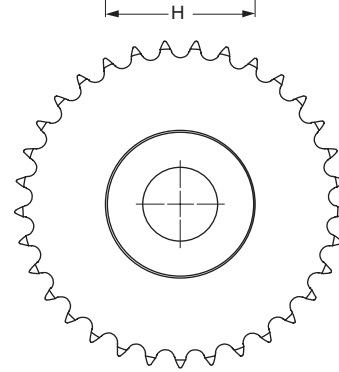
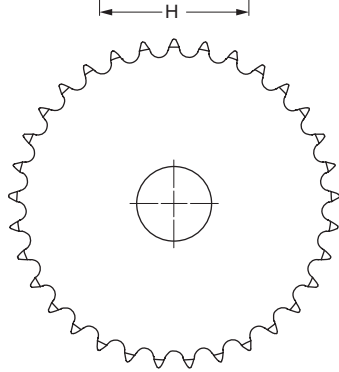
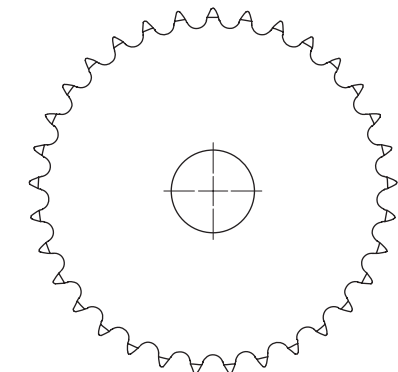
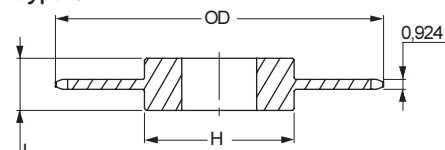
Type A



Type B



Type C



Pilot Bore Type B/C

Type A

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Outside Diameter	Type	Bore Stock	Weight	Designation		
			Min	Max	H	L									Inch	lbs
			Inch	Inch	Inch	Inch										
11	7.01	B	1 1/2	2 3/4	4 1/4	2 1/4	11.30	PHS 140-1B11	11	7.01	A	1 1/2	5.00	PHS 140-1A11		
12	7.58	B	1 1/2	3	4 1/2	2 1/4	13.20	PHS 140-1B12	12	7.58	A	1 1/2	7.80	PHS 140-1A12		
13	8.15	B	1 1/2	3 3/4	5 1/2	2 3/8	18.90	PHS 140-1B13	13	8.15	A	1 1/2	8.20	PHS 140-1A13		
14	8.72	B	1 1/2	3 3/4	5 1/2	2 3/8	20.40	PHS 140-1B14	14	8.72	A	1 1/2	10.00	PHS 140-1A14		
15	9.28	B	1 1/2	4 1/4	6 1/4	2 3/8	25.10	PHS 140-1B15	15	9.28	A	1 1/2	11.00	PHS 140-1A15		
16	9.85	B	1 1/2	4 3/4	6 3/4	2 1/2	27.90	PHS 140-1B16	16	9.85	A	1 1/2	14.00	PHS 140-1A16		
17	10.41	B	1 1/2	4 3/4	6 3/4	2 1/2	29.80	PHS 140-1B17	17	10.41	A	1 1/2	16.00	PHS 140-1A17		
18	10.98	B	1 1/2	4 3/4	6 3/4	2 1/2	32.00	PHS 140-1B18	18	10.98	A	1 1/2	18.00	PHS 140-1A18		
19	11.54	B	1 1/2	4 3/4	6 3/4	2 1/2	34.10	PHS 140-1B19	19	11.54	A	1 1/2	21.00	PHS 140-1A19		
20	12.10	B	1 1/2	4 3/4	6 3/4	2 1/2	36.00	PHS 140-1B20	20	12.10	A	1 1/2	23.00	PHS 140-1A20		
21	12.66	B	1 1/2	4 3/4	6 3/4	2 1/2	38.70	PHS 140-1B21	21	12.66	A	1 1/2	25.00	PHS 140-1A21		
22	13.22	B	1 1/2	4 3/4	6 3/4	2 1/2	40.60	PHS 140-1B22	22	13.22	A	1 1/2	28.00	PHS 140-1A22		
23	13.78	B	1 1/2	4 3/4	6 3/4	2 1/2	42.10	PHS 140-1B23	23	13.78	A	1 1/2	30.00	PHS 140-1A23		
24	14.34	B	1 1/2	4 3/4	6 3/4	2 1/2	46.20	PHS 140-1B24	24	14.34	A	1 1/2	33.00	PHS 140-1A24		
25	14.90	B	1 1/2	4 3/4	6 3/4	2 1/2	47.80	PHS 140-1B25	25	14.90	A	1 1/2	34.00	PHS 140-1A25		
26	15.46	B	1 1/2	4 3/4	6 3/4	3	57.20	PHS 140-1B26	26	15.46	A	1 1/2	39.00	PHS 140-1A26		
27	16.02	B	1 1/2	4 3/4	6 3/4	3	58.50	PHS 140-1B27	27	16.02	A	1 1/2	41.00	PHS 140-1A27		
28	16.58	B	1 1/2	4 3/4	6 3/4	3	62.20	PHS 140-1B28	28	16.58	A	1 1/2	45.00	PHS 140-1A28		
30	17.70	B	1 1/2	4 3/4	6 3/4	3	69.80	PHS 140-1B30	30	17.70	A	1 1/2	52.00	PHS 140-1A30		
31	18.26	-	-	-	-	-	-	-	31	18.26	-	1 1/2	56.00	PHS 140-1A31		
32	18.82	B	1 1/2	4 3/4	6 3/4	3	76.30	PHS 140-1B32	32	18.82	A	1 1/2	60.00	PHS 140-1A32		
35	20.49	C	1 1/2	5 1/4	7	4	108.00	PHS 140-1C35	35	20.49	A	1 1/2	73.00	PHS 140-1A35		
36	21.05	-	-	-	-	-	-	-	36	21.05	-	1 1/2	77.00	PHS 140-1A36		
40	23.29	C	1 1/2	5 1/4	7	4	121.00	PHS 140-1C40	40	23.29	A	1 1/2	93.00	PHS 140-1A40		
45	26.08	C	1 1/2	5 1/4	7	4	142.00	PHS 140-1C45	45	26.08	A	1 1/2	131.00	PHS 140-1A45		
48	27.75	C	1 1/2	5 3/4	7	4	150.00	PHS 140-1C48	48	27.75	A	1 1/2	134.00	PHS 140-1A48		
54	31.10	C	1 1/2	5 3/4	7	4	177.00	PHS 140-1C54	54	31.10	A	1 1/2	173.00	PHS 140-1A54		
60	34.44	C	1 1/2	5 3/4	7	5	220.00	PHS 140-1C60	60	34.44	A	1 1/2	219.00	PHS 140-1A60		
70	40.02	C	1 1/2	5 3/8	7 1/2	5	282.00	PHS 140-1C70	70	40.02	A	1 1/2	292.00	PHS 140-1A70		
80	45.59	C	1 1/2	5 3/8	7 1/2	5	331.00	PHS 140-1C80	80	45.59	A	1 1/2	402.00	PHS 140-1A80		

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required. For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

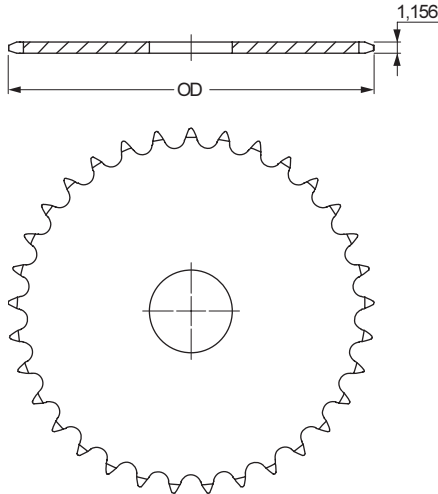
ANSI sprockets

Simplex
Pilot Bore

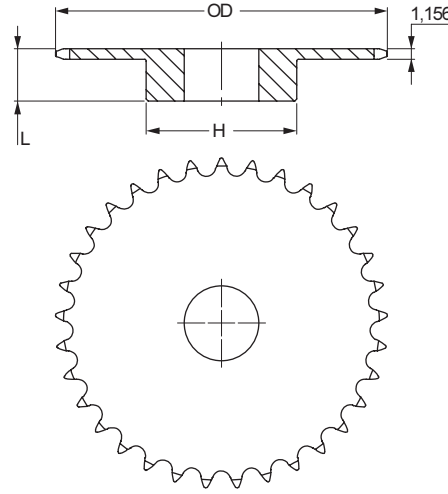


ANSI 160-1 2" Pitch

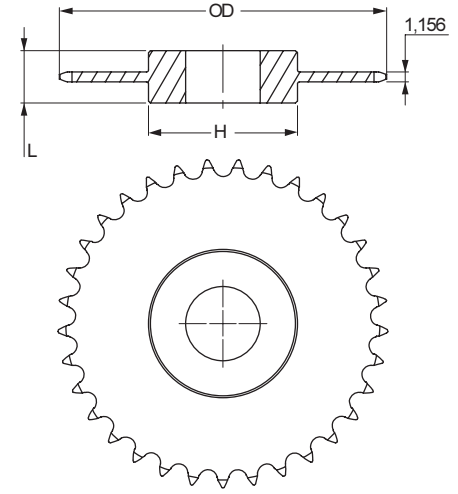
Type A



Type B



Type C



Pilot Bore Type B/C

Type A

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Outside Diameter	Type	Bore Stock	Weight	Designation
			Min	Max	H	L								
8	6.03	B	1 1/2	1 7/8	3 1/4	2 1/4	8.00	PHS 160-1B8	8	6.03	A	1 1/2	5.00	PHS 160-1A8
9	6.70	B	1 1/2	2 1/8	3 5/8	2 1/4	10.00	PHS 160-1B9	9	6.70	A	1 1/2	7.00	PHS 160-1A9
10	7.36	B	1 1/2	2 3/4	4 1/8	2 1/4	12.00	PHS 160-1B10	10	7.36	A	1 1/2	8.00	PHS 160-1A10
11	8.01	B	1 1/2	3 1/4	4 3/4	2 1/2	17.00	PHS 160-1B11	11	8.01	A	1 1/2	10.00	PHS 160-1A11
12	8.66	B	1 1/2	3 3/4	5 1/2	2 1/2	21.00	PHS 160-1B12	12	8.66	A	1 1/2	12.00	PHS 160-1A12
13	9.31	B	1 1/2	4	6	2 3/4	28.00	PHS 160-1B13	13	9.31	A	1 1/2	16.00	PHS 160-1A13
14	9.96	B	1 1/2	4 1/2	6 1/2	2 3/4	32.00	PHS 160-1B14	14	9.96	A	1 1/2	17.00	PHS 160-1A14
15	10.61	B	1 1/2	5 1/4	7	2 3/4	37.00	PHS 160-1B15	15	10.61	A	1 1/2	21.00	PHS 160-1A15
16	11.26	B	1 1/2	5 3/4	7	2 3/4	41.00	PHS 160-1B16	16	11.26	A	1 1/2	24.00	PHS 160-1A16
17	11.90	B	1 1/2	5 3/4	7	2 3/4	45.00	PHS 160-1B17	17	11.90	A	1 1/2	27.00	PHS 160-1A17
18	12.54	B	1 1/2	5 3/4	7	2 3/4	48.00	PHS 160-1B18	18	12.54	A	1 1/2	30.00	PHS 160-1A18
19	13.19	B	1 1/2	5 3/4	7	2 3/4	52.00	PHS 160-1B19	19	13.19	A	1 1/2	34.00	PHS 160-1A19
20	13.83	B	1 1/2	5 3/4	7	2 3/4	56.00	PHS 160-1B20	20	13.83	A	1 1/2	38.00	PHS 160-1A20
21	14.47	B	1 1/2	5 3/4	7	2 3/4	59.00	PHS 160-1B21	21	14.47	A	1 1/2	42.00	PHS 160-1A21
22	15.11	B	1 1/2	5 3/4	7	2 3/4	65.00	PHS 160-1B22	22	15.11	A	1 1/2	46.00	PHS 160-1A22
23	15.75	B	1 1/2	5 3/4	7	2 3/4	68.00	PHS 160-1B23	23	15.75	A	1 1/2	50.00	PHS 160-1A23
24	16.39	B	1 1/2	5 3/4	7	3	77.00	PHS 160-1B24	24	16.39	A	1 1/2	56.00	PHS 160-1A24
25	17.03	B	1 1/2	5 3/4	7	3	81.00	PHS 160-1B25	25	17.03	A	1 1/2	61.00	PHS 160-1A25
26	17.67	B	1 1/2	5 3/4	7	3	86.00	PHS 160-1B26	26	17.67	A	1 1/2	65.00	PHS 160-1A26
27	18.31	B	1 1/2	5 3/4	7	3	91.00	PHS 160-1B27	27	18.31	A	1 1/2	71.00	PHS 160-1A27
28	18.95	B	1 1/2	5 3/4	7	3	98.00	PHS 160-1B28	28	18.95	A	1 1/2	77.00	PHS 160-1A28
30	20.23	B	1 1/2	5 3/4	7	3	108.00	PHS 160-1B30	30	20.23	A	1 1/2	90.00	PHS 160-1A30
35	23.42	C	1 1/2	5 1/2	8	4 1/2	154.00	PHS 160-1C35	35	23.42	A	1 1/2	121.00	PHS 160-1A35
40	26.61	C	1 1/2	5 1/2	8	4 1/2	196.00	PHS 160-1C40	40	26.61	A	1 1/2	138.00	PHS 160-1A40
45	29.80	C	1 1/2	5 1/2	8	5	234.00	PHS 160-1C45	45	29.80	A	1 1/2	204.00	PHS 160-1A45
54	35.54	C	1 1/2	5 1/2	8	5	276.00	PHS 160-1C54	54	35.54	A	1 1/2	294.00	PHS 160-1A54
60	39.36	C	1 1/2	5 1/2	8	5	329.00	PHS 160-1C60	60	39.36	A	1 1/2	366.00	PHS 160-1A60
70	45.73	C	1 1/2	5 1/2	8	5	446.00	PHS 160-1C70	70	45.73	A	1 1/2	507.00	PHS 160-1A70
80	52.10	C	1 1/2	5 1/2	8	6	612.00	PHS 160-1C80	80	52.10	A	1 1/2	656.00	PHS 160-1A80

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required. For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.



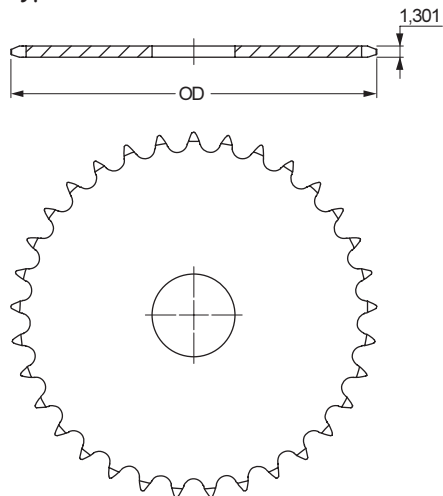
ANSI sprockets

Simplex
Pilot Bore

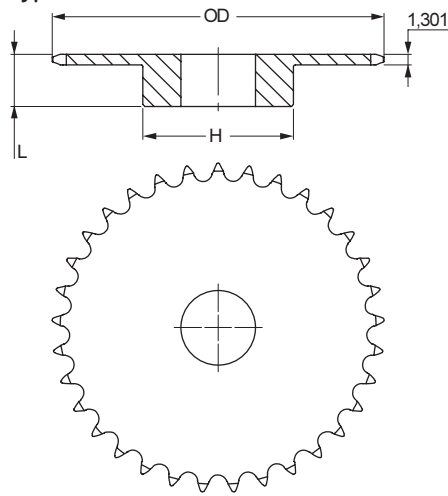
- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

ANSI 180-1 2 1/4" Pitch

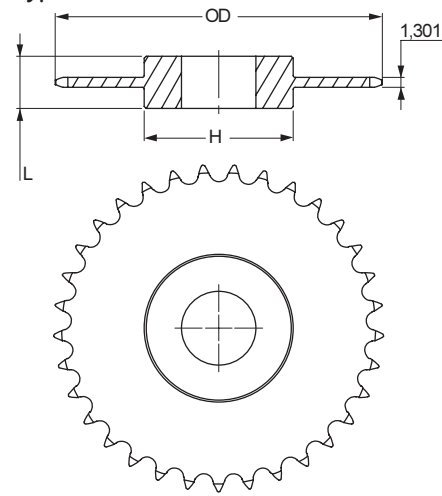
Type A



Type B



Type C



Pilot Bore Type B/C

Type A

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Outside Diameter	Type	Bore Stock	Weight	Designation
			Min	Max	H	L								
	Inch		Inch	Inch	Inch	Inch	lbs		Inch		Inch	lbs		
11	9,01	B	1 1/2	3 5/8	5 1/2	3	29,00	PHS 180-1B11	11	9,01	A	1 1/2	14,00	PHS 180-1A11
12	9,75	B	1 1/2	4	6	3	32,00	PHS 180-1B12	12	9,75	A	1 1/2	16,00	PHS 180-1A12
13	10,48	B	1 1/2	4 5/8	6 3/4	3 1/8	40,00	PHS 180-1B13	13	10,48	A	1 1/2	20,00	PHS 180-1A13
14	11,21	B	1 1/2	5 1/4	7	3 1/8	44,00	PHS 180-1B14	14	11,21	A	1 1/2	24,00	PHS 180-1A14
15	11,93	B	1 1/2	5 1/4	7	3 1/8	48,00	PHS 180-1B15	15	11,93	A	1 1/2	28,00	PHS 180-1A15
16	12,66	B	1 1/2	5 3/4	7	3 1/8	52,00	PHS 180-1B16	16	12,66	A	1 1/2	32,00	PHS 180-1A16
17	13,39	B	1 1/2	5 3/4	7	3 1/8	58,00	PHS 180-1B17	17	13,39	A	1 1/2	37,00	PHS 180-1A17
18	14,11	B	1 1/2	5 3/4	7	3 1/8	63,00	PHS 180-1B18	18	14,11	A	1 1/2	43,00	PHS 180-1A18
19	14,83	B	1 1/2	5 3/8	7 1/2	3 3/8	74,00	PHS 180-1B19	19	14,83	A	1 1/2	47,00	PHS 180-1A19
20	15,56	B	1 1/2	5 3/8	7 1/2	3 3/8	81,00	PHS 180-1B20	20	15,56	A	1 1/2	53,00	PHS 180-1A20
21	16,28	B	1 1/2	5 3/8	7 1/2	3 3/8	83,00	PHS 180-1B21	21	16,28	A	1 1/2	57,00	PHS 180-1A21
22	17,00	B	1 1/2	5 3/8	7 1/2	3 3/8	92,00	PHS 180-1B22	22	17,00	A	1 1/2	62,00	PHS 180-1A22
23	17,72	B	1 1/2	5 3/8	7 1/2	3 3/8	99,00	PHS 180-1B23	23	17,72	A	1 1/2	69,00	PHS 180-1A23
24	18,44	B	1 1/2	5 3/8	7 1/2	3 3/8	105,00	PHS 180-1B24	24	18,44	A	1 1/2	77,00	PHS 180-1A24
25	19,16	B	1 1/2	5 3/8	7 1/2	3 3/8	113,00	PHS 180-1B25	25	19,16	A	1 1/2	84,00	PHS 180-1A25
28	21,32	B	1 1/2	5 1/2	8	3 1/2	135,00	PHS 180-1B28	28	21,32	A	1 1/2	104,00	PHS 180-1A28
30	22,76	C	1 1/2	5 3/4	8 1/2	4 3/8	180,00	PHS 180-1C30	30	22,76	A	1 1/2	120,00	PHS 180-1A30
35	26,35	C	1 1/2	5 3/4	8 1/2	4 3/8	222,00	PHS 180-1C35	35	26,35	A	1 1/2	172,00	PHS 180-1A35
40	29,94	C	1 1/2	5 3/4	8 1/2	4 3/8	270,00	PHS 180-1C40	40	29,94	A	1 1/2	229,00	PHS 180-1A40
45	33,53	C	1 1/2	6	9	5	315,00	PHS 180-1C45	45	33,53	A	1 1/2	284,00	PHS 180-1A45
54	39,98	C	1 1/2	6	9	5	477,00	PHS 180-1C54	54	39,98	A	1 1/2	420,00	PHS 180-1A54
60	44,28	C	1 1/2	6 1/2	9 1/2	5 3/8	489,00	PHS 180-1C60	60	44,28	A	1 1/2	505,00	PHS 180-1A60

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required. For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

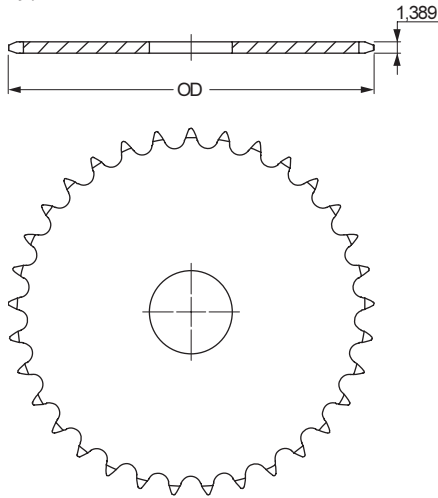
ANSI sprockets

Simplex
Pilot Bore

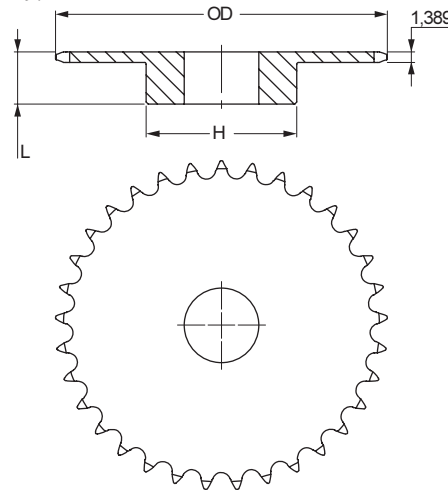


ANSI 200-1 2 1/2" Pitch

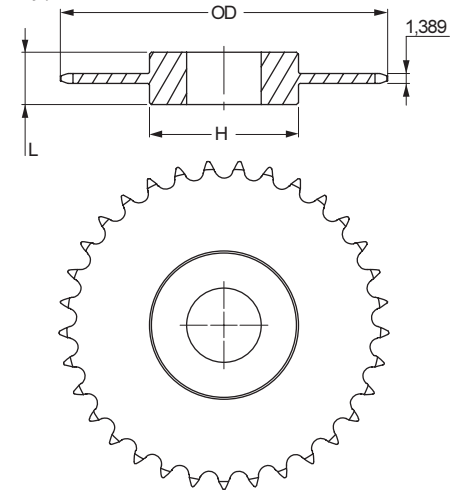
Type A



Type B



Type C



Pilot Bore Type B/C

Type A

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Outside Diameter	Type	Bore Stock	Weight	Designation
			Min	Max	H	L								
10	9,20	B	1 1/2	3 3/4	5 1/2	3	26,00	PHS 200-1B10	10	9,20	A	1 1/2	16,00	PHS 200-1A10
11	10,02	B	1 1/2	4	6	3	33,00	PHS 200-1B11	11	10,02	A	1 1/2	20,00	PHS 200-1A11
12	10,83	B	1 1/2	4 1/2	6 1/2	3	37,00	PHS 200-1B12	12	10,83	A	1 1/2	24,00	PHS 200-1A12
13	11,64	B	1 1/2	5 1/4	7	3	46,00	PHS 200-1B13	13	11,64	A	1 1/2	30,00	PHS 200-1A13
14	12,46	B	1 1/2	5 3/8	7 1/2	3 1/2	59,00	PHS 200-1B14	14	12,46	A	1 1/2	32,00	PHS 200-1A14
15	13,26	B	1 1/2	5 3/8	7 1/2	3 1/2	64,00	PHS 200-1B15	15	13,26	A	1 1/2	40,00	PHS 200-1A15
16	14,07	B	1 1/2	5 3/8	7 1/2	3 1/2	72,00	PHS 200-1B16	16	14,07	A	1 1/2	46,00	PHS 200-1A16
17	14,87	B	1 1/2	5 3/8	7 1/2	3 1/2	76,00	PHS 200-1B17	17	14,87	A	1 1/2	51,00	PHS 200-1A17
18	15,68	B	1 1/2	5 3/8	7 1/2	3 1/2	84,00	PHS 200-1B18	18	15,68	A	1 1/2	57,00	PHS 200-1A18
19	16,48	B	1 1/2	5 3/8	7 1/2	3 1/2	91,00	PHS 200-1B19	19	16,48	A	1 1/2	65,00	PHS 200-1A19
20	17,29	B	1 1/2	5 3/8	7 1/2	3 1/2	98,00	PHS 200-1B20	20	17,29	A	1 1/2	72,00	PHS 200-1A20
21	18,09	B	1 1/2	5 3/8	7 1/2	3 1/2	106,00	PHS 200-1B21	21	18,09	A	1 1/2	82,00	PHS 200-1A21
22	18,89	B	1 1/2	5 3/4	8 1/2	4	131,00	PHS 200-1B22	22	18,89	A	1 1/2	88,00	PHS 200-1A22
23	19,69	B	1 1/2	5 3/4	8 1/2	4	136,00	PHS 200-1B23	23	19,69	A	1 1/2	95,00	PHS 200-1A23
24	20,49	B	1 1/2	5 3/4	8 1/2	4	142,00	PHS 200-1B24	24	20,49	A	1 1/2	105,00	PHS 200-1A24
25	21,29	B	1 1/2	5 3/4	8 1/2	4	153,00	PHS 200-1B25	25	21,29	A	1 1/2	113,00	PHS 200-1A25
26	22,09	C	1 1/2	5 3/4	8 1/2	4 1/2	178,00	PHS 200-1C26	26	22,09	A	1 1/2	124,00	PHS 200-1A26
28	23,69	C	1 1/2	5 3/4	8 1/2	4 1/2	195,00	PHS 200-1C28	28	23,69	A	1 1/2	144,00	PHS 200-1A28
30	25,29	C	1 1/2	5 3/4	8 1/2	4 1/2	212,00	PHS 200-1C30	30	25,29	A	1 1/2	167,00	PHS 200-1A30
32	26,88	C	1 1/2	5 3/4	8 1/2	4 1/2	220,00	PHS 200-1C32	32	26,88	A	1 1/2	195,00	PHS 200-1A32
35	29,28	C	1 1/2	5 3/4	8 1/2	4 1/2	254,00	PHS 200-1C35	35	29,28	A	1 1/2	227,00	PHS 200-1A35
40	33,27	C	1 1/2	6	9	5	320,00	PHS 200-1C40	40	33,27	A	1 1/2	301,00	PHS 200-1A40
45	37,25	C	1 1/2	6	9	5	364,00	PHS 200-1C45	45	37,25	A	1 1/2	390,00	PHS 200-1A45
54	44,42	C	1 1/2	6 1/2	9 1/2	5 1/2	512,00	PHS 200-1C54	54	44,42	A	1 1/2	555,00	PHS 200-1A54
60	49,20	C	1 1/2	6 1/2	9 1/2	5 1/2	654,00	PHS 200-1C60	60	49,20	A	1 1/2	692,00	PHS 200-1A60

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required. For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.



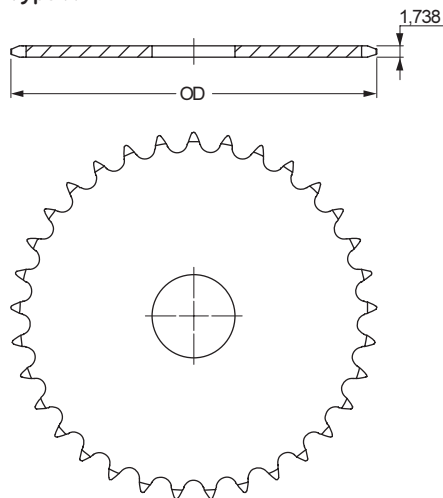
ANSI sprockets

Simplex
Pilot Bore

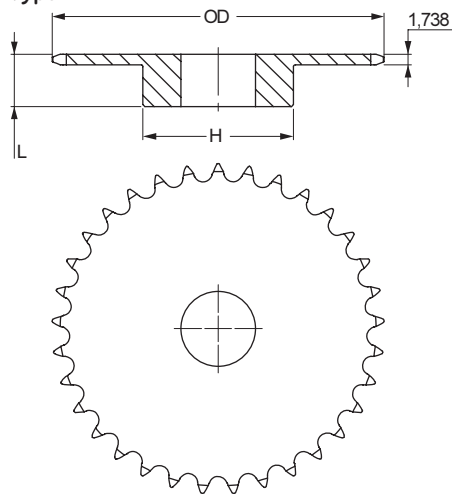
- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

ANSI 240-1 3" Pitch

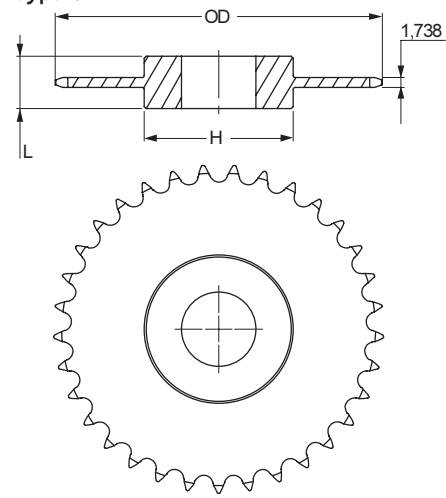
Type A



Type B



Type C



Pilot Bore Type B/C

Type A

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Outside Diameter	Type	Bore Stock	Weight	Designation		
			Min	Max	H	L									Inch	lbs
			Inch	Inch	Inch	Inch										
10	11.03	B	1 1/2	4 1/2	6 1/2	3 3/8	49,00	PHS 240-1B10	10	11.03	A	1 1/2	30,00	PHS 240-1A10		
11	12.02	B	1 1/2	4 3/4	7	3 7/8	66,00	PHS 240-1B11	11	12.02	A	1 1/2	37,00	PHS 240-1A11		
12	13.00	B	1 1/2	5 3/8	7 1/2	3 7/8	72,00	PHS 240-1B12	12	13.00	A	1 1/2	45,00	PHS 240-1A12		
13	13.97	B	1 1/2	5 3/8	7 1/2	3 7/8	81,00	PHS 240-1B13	13	13.97	A	1 1/2	54,00	PHS 240-1A13		
14	14.94	B	1 1/2	5 3/8	7 1/2	3 7/8	88,00	PHS 240-1B14	14	14.94	A	1 1/2	62,00	PHS 240-1A14		
15	15.91	B	1 1/2	5 3/8	7 1/2	3 7/8	98,00	PHS 240-1B15	15	15.91	A	1 1/2	68,00	PHS 240-1A15		
16	16.88	B	1 1/2	5 1/2	8	4 1/8	120,00	PHS 240-1B16	16	16.88	A	1 1/2	82,00	PHS 240-1A16		
17	17.85	B	1 1/2	5 1/2	8	4 1/8	137,00	PHS 240-1B17	17	17.85	A	1 1/2	93,00	PHS 240-1A17		
18	18.81	B	1 1/2	5 1/2	8	4 1/8	142,00	PHS 240-1B18	18	18.81	A	1 1/2	108,00	PHS 240-1A18		
19	19.78	B	1 1/2	5 1/2	8	4 1/8	154,00	PHS 240-1B19	19	19.78	A	1 1/2	120,00	PHS 240-1A19		
20	20.74	B	1 1/2	5 1/2	8	4 1/8	169,00	PHS 240-1B20	20	20.74	A	1 1/2	128,00	PHS 240-1A20		
21	21.71	B	1 1/2	5 1/2	8	4 1/8	186,00	PHS 240-1B21	21	21.71	A	1 1/2	148,00	PHS 240-1A21		
25	25.55	B	1 1/2	5 1/2	8	4 1/8	254,00	PHS 240-1B25	25	25.55	A	1 1/2	208,00	PHS 240-1A25		
30	30.34	C	1 1/2	6	9	6 1/4	398,00	PHS 240-1C30	30	30.34	A	1 1/2	310,00	PHS 240-1A30		
35	35.13	C	1 1/2	6	9	6 1/4	527,00	PHS 240-1C35	35	35.13	A	1 1/2	416,00	PHS 240-1A35		
40	39.92	C	1 1/2	7	10	6 3/4	672,00	PHS 240-1C40	40	39.92	A	1 1/2	548,00	PHS 240-1A40		
45	44.70	C	1 1/2	7	10	6 3/4	850,00	PHS 240-1C45	45	44.70	A	1 1/2	702,00	PHS 240-1A45		
54	53.31	C	1 1/2	7	10	6 3/4	1148,00	PHS 240-1C54	54	53.31	A	1 1/2	1022,00	PHS 240-1A54		
60	59.04	C	1 1/2	7	10	6 3/4	1419,00	PHS 240-1C60	60	59.04	A	1 1/2	1268,00	PHS 240-1A60		

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required. For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

ANSI sprockets

Simplex
Taper Bushed



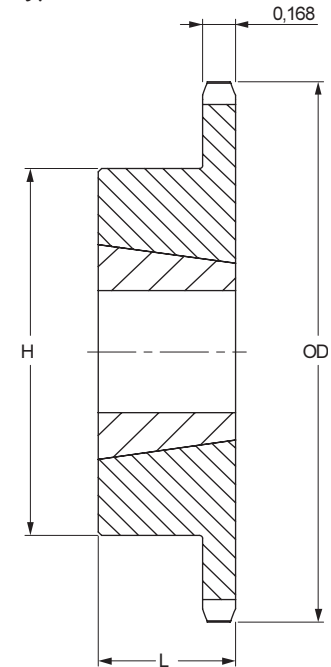
ANSI 35-1 3/8" Pitch

Taper Bushed Type B

No. Teeth	Diameter		Type	Bushing Size	Bore		Dimensions		Weight		Designation
	Outside	Pitch			Min	Max	L	H	Rim	Bushing	
18	2,35	2,16	B	1008	3/8	1	7/8	1 7/8	0,4	0,3	PHS 35-1TB18
19	2,47	2,28	B	1008	3/8	1	7/8	1 13/16	0,5	0,3	PHS 35-1TB19
20	2,59	2,40	B	1008	3/8	1	7/8	1 15/16	0,6	0,3	PHS 35-1TB20
21	2,71	2,52	B	1008	3/8	1	7/8	2 1/16	0,7	0,3	PHS 35-1TB21
22	2,88	2,63	B	1210	5/8	1 1/4	1	2 3/8	0,8	0,6	PHS 35-1TB22
23	2,95	2,75	B	1210	5/8	1 1/4	1	2 7/16	0,9	0,6	PHS 35-1TB23
24	3,07	2,87	B	1210	5/8	1 1/4	1	2 7/16	0,9	0,6	PHS 35-1TB24
25	3,19	2,99	B	1210	5/8	1 1/4	1	2 7/16	1,2	0,6	PHS 35-1TB25
26	3,31	3,11	B	1610	1/2	1 5/8	1	2 7/8	1,1	0,9	PHS 35-1TB26
28	3,55	3,35	B	1610	1/2	1 5/8	1	2 7/8	1,2	0,9	PHS 35-1TB28
30	3,79	3,59	B	1610	1/2	1 5/8	1	3 1/8	1,2	0,9	PHS 35-1TB30
32	4,03	3,83	B	1610	1/2	1 5/8	1	3 1/4	1,3	0,9	PHS 35-1TB32
35	4,39	4,18	B	1610	1/2	1 5/8	1	3 1/4	1,4	0,9	PHS 35-1TB35
36	4,51	4,30	B	1610	1/2	1 5/8	1	3 1/4	1,4	0,9	PHS 35-1TB36
40	4,99	4,79	B	1610	1/2	1 5/8	1	3 1/4	1,9	0,9	PHS 35-1TB40
42	5,23	5,02	B	1610	1/2	1 5/8	1	3 1/4	2,0	0,9	PHS 35-1TB42
45	5,59	5,38	B	1610	1/2	1 5/8	1	3 1/4	2,1	0,9	PHS 35-1TB45
48	5,95	5,73	B	1610	1/2	1 5/8	1	3 1/4	2,3	0,9	PHS 35-1TB48
54	6,66	6,45	B	1610	1/2	1 5/8	1	3 1/4	2,6	0,9	PHS 35-1TB54
60	7,38	7,17	B	1610	1/2	1 5/8	1	3 1/4	3,0	0,9	PHS 35-1TB60
70	8,57	8,36	B	1610	1/2	1 5/8	1	3 1/4	3,7	0,9	PHS 35-1TB70
72	8,81	8,60	B	1610	1/2	1 5/8	1	3 1/4	3,9	0,9	PHS 35-1TB72
80	9,77	9,55	B	1610	1/2	1 5/8	1	3 1/4	4,5	0,9	PHS 35-1TB80
84	10,25	10,03	B	1610	1/2	1 5/8	1	3 1/4	4,9	0,9	PHS 35-1TB84
96	11,68	11,46	B	1610	1/2	1 5/8	1	3 1/4	6,0	0,9	PHS 35-1TB96
112	13,59	13,37	B	1610	1/2	1 5/8	1	3 1/4	7,8	0,9	PHS 35-1TB112

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type B



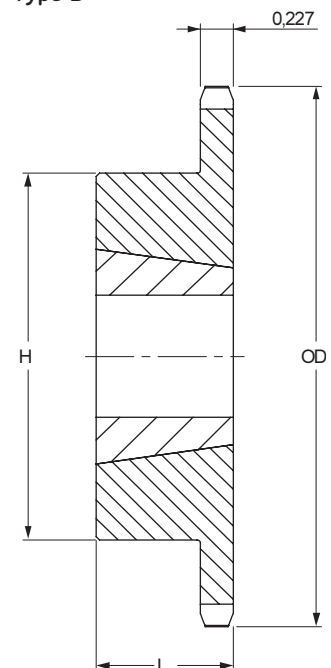
ANSI 41-1 1/2" Pitch

Taper Bushed Type B

No. Teeth	Diameter		Type	Bushing Size	Bore		Dimensions		Weight		Designation
	Outside	Pitch			Min	Max	L	H	Rim	Bushing	
14	2,49	2,25	B	1008	3/8	1	7/8	1 7/8	0,4	0,3	PHS 41-1TB14
15	2,65	2,40	B	1008	3/8	1	7/8	1 7/8	0,5	0,3	PHS 41-1TB15
16	2,81	2,50	B	1008	3/8	1	7/8	2	0,6	0,3	PHS 41-1TB16
17	2,97	2,72	B	1210	5/8	1 1/4	1	2 3/8	0,7	0,6	PHS 41-1TB17
18	3,14	2,88	B	1210	5/8	1 1/4	1	3 3/8	0,9	0,6	PHS 41-1TB18
19	3,30	3,04	B	1210	5/8	1 1/4	1	2 1/2	1,1	0,6	PHS 41-1TB19
20	3,46	3,20	B	1610	1/2	1 5/8	1	2 7/8	1,1	0,9	PHS 41-1TB20
21	3,62	3,36	B	1610	1/2	1 5/8	1	3	1,2	0,9	PHS 41-1TB21
22	3,78	3,51	B	1610	1/2	1 5/8	1	3	1,3	0,9	PHS 41-1TB22
23	3,94	3,67	B	1610	1/2	1 5/8	1	3	1,4	0,9	PHS 41-1TB23
24	4,10	3,83	B	1610	1/2	1 5/8	1	3	1,4	0,9	PHS 41-1TB24
25	4,26	3,99	B	1610	1/2	1 5/8	1	3	1,5	0,9	PHS 41-1TB25
26	4,42	4,15	B	1610	1/2	1 5/8	1	3	1,5	0,9	PHS 41-1TB26
28	4,74	4,47	B	1610	1/2	1 5/8	1	3	1,7	0,9	PHS 41-1TB28
30	5,06	4,78	B	1610	1/2	1 5/8	1	3	1,8	0,9	PHS 41-1TB30
32	5,38	5,10	B	1610	1/2	1 5/8	1	3	1,9	0,9	PHS 41-1TB32
35	5,86	5,58	B	1610	1/2	1 5/8	1	3	2,3	0,9	PHS 41-1TB35
36	6,02	5,74	B	1610	1/2	1 5/8	1	3	2,4	0,9	PHS 41-1TB36
40	6,65	6,37	B	1610	1/2	1 5/8	1	3	2,7	0,9	PHS 41-1TB40
45	7,45	7,17	B	1610	1/2	1 5/8	1	3	3,5	0,9	PHS 41-1TB45
48	7,93	7,64	B	1610	1/2	1 5/8	1	3	4,1	0,9	PHS 41-1TB48
54	8,88	8,60	B	1610	1/2	1 5/8	1	3	4,9	0,9	PHS 41-1TB54
60	9,84	9,55	B	1610	1/2	1 5/8	1	3	5,7	0,9	PHS 41-1TB60
70	11,43	11,14	B	1610	1/2	1 5/8	1	3	7,4	0,9	PHS 41-1TB70
72	11,75	11,46	B	1610	1/2	1 5/8	1	3	8,2	0,9	PHS 41-1TB72
80	13,03	12,74	B	1610	1/2	1 5/8	1	3	9,6	0,9	PHS 41-1TB80
96	15,57	15,28	B	1610	1/2	1 5/8	1	3	13,1	0,9	PHS 41-1TB96

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type B





ANSI sprockets

Simplex

Taper Bushed

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

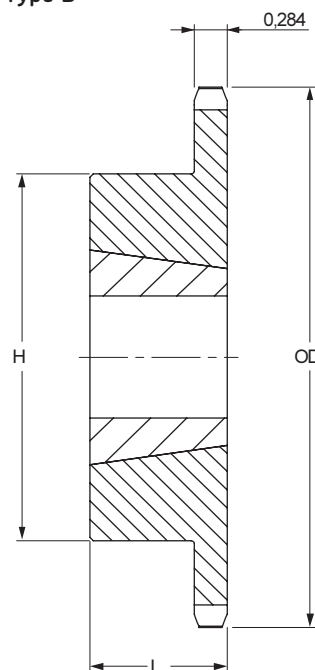
ANSI 40-1 1/2" Pitch

Taper Bushed Type B

No. Teeth	Diameter		Type	Bushing Size	Bore		Dimensions		Weight		Designation
	Outside	Pitch			Min	Max	L	H	Rim	Bushing	
	Inch	Inch			Inch	Inch	Inch	Inch	lbs	lbs	
14	2,49	2,25	B	1008	3/8	1	7/8	1 13/16	0,3	0,3	PHS 40-1TB14
15	2,65	2,40	B	1008	3/8	1	7/8	1 13/16	0,4	0,3	PHS 40-1TB15
16	2,81	2,56	B	1008	3/8	1	7/8	1 15/16	0,5	0,3	PHS 40-1TB16
17	2,98	2,72	B	1210	5/8	1 1/4	1	2 3/8	0,5	0,3	PHS 40-1TB17
18	3,13	2,88	B	1210	5/8	1 1/4	1	2 15/32	0,6	0,6	PHS 40-1TB18
19	3,30	3,04	B	1210	5/8	1 1/4	1	2 15/32	0,7	0,6	PHS 40-1TB19
20	3,46	3,20	B	1610	1/2	1 5/8	1	2 25/32	0,7	0,9	PHS 40-1TB20
21	3,62	3,36	B	1610	1/2	1 5/8	1	2 25/32	0,8	0,9	PHS 40-1TB21
22	3,78	3,51	B	1610	1/2	1 5/8	1	2 25/32	0,9	0,9	PHS 40-1TB22
23	3,94	3,67	B	1610	1/2	1 5/8	1	3	1,0	0,9	PHS 40-1TB23
24	4,10	3,83	B	1610	1/2	1 5/8	1	3 1/4	1,4	0,9	PHS 40-1TB24
25	4,26	3,99	B	1610	1/2	1 5/8	1	3 1/4	1,5	0,9	PHS 40-1TB25
26	4,42	4,15	B	1610	1/2	1 5/8	1	3 1/4	1,7	0,9	PHS 40-1TB26
28	4,74	4,47	B	1610	1/2	1 5/8	1	3	1,8	0,9	PHS 40-1TB28
30	5,06	4,78	B	1610	1/2	1 5/8	1	3	1,9	0,9	PHS 40-1TB30
32	5,38	5,10	B	1610	1/2	1 5/8	1	3	1,9	0,9	PHS 40-1TB32
35	5,86	5,58	B	1610	1/2	1 5/8	1	3	2,3	0,9	PHS 40-1TB35
36	6,01	5,74	B	1610	1/2	1 5/8	1	3	2,4	0,9	PHS 40-1TB36
40	6,65	6,37	B	1610	1/2	1 5/8	1	3	2,8	0,9	PHS 40-1TB40
42	6,97	6,69	B	1610	1/2	1 5/8	1	3	2,9	0,9	PHS 40-1TB42
45	7,45	7,17	B	1610	1/2	1 5/8	1	3	3,5	0,9	PHS 40-1TB45
48	7,93	7,64	B	1610	1/2	1 5/8	1	3	4,0	0,9	PHS 40-1TB48
54	8,88	8,60	B	1610	1/2	1 5/8	1	3	4,9	0,9	PHS 40-1TB54
60	9,84	9,55	B	1610	1/2	1 5/8	1	3	6,0	0,9	PHS 40-1TB60
70	11,43	11,14	B	2012	3/4	2	1 1/4	3 7/16	8,2	1,7	PHS 40-1TB70
72	11,75	11,46	B	2012	3/4	2	1 1/4	3 7/16	9,0	1,7	PHS 40-1TB72
80	13,03	12,74	B	2012	3/4	2	1 1/4	3 7/16	10,8	1,7	PHS 40-1TB80
84	13,66	13,37	B	2012	3/4	2	1 1/4	3 7/16	11,3	1,7	PHS 40-1TB84
96	15,57	15,28	B	2012	3/4	2	1 1/4	3 7/16	14,6	1,7	PHS 40-1TB96
112	18,12	17,83	B	2517	3/4	2 1/2	1 3/4	4 1/4	20,5	1,7	PHS 40-1TB112

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type B



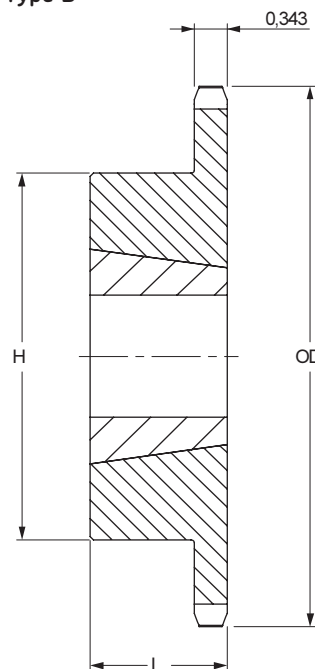
ANSI 50-1 5/8" Pitch

Taper Bushed Type B

No. Teeth	Diameter		Type	Bushing Size	Bore		Dimensions		Weight		Designation
	Outside	Pitch			Min	Max	L	H	Rim	Bushing	
	Inch	Inch			Inch	Inch	Inch	Inch	lbs	lbs	
12	2,71	2,42	B	1008	3/8	1	7/8	1 15/16	0,5	0,3	PHS 50-1TB12
13	2,91	2,61	B	1008	3/8	1	7/8	1 15/16	0,5	0,3	PHS 50-1TB13
14	3,11	2,81	B	1008	3/8	1	7/8	1 15/16	0,6	0,3	PHS 50-1TB14
15	3,31	3,01	B	1210	5/8	1 1/4	1	2 15/32	0,7	0,6	PHS 50-1TB15
16	3,52	3,20	B	1610	1/2	1 5/8	1	2 25/32	0,7	0,9	PHS 50-1TB16
17	3,72	3,40	B	1610	1/2	1 5/8	1	2 25/32	0,8	0,9	PHS 50-1TB17
18	3,92	3,60	B	1610	1/2	1 5/8	1	2 25/32	0,9	0,9	PHS 50-1TB18
19	4,12	3,80	B	1610	1/2	1 5/8	1	3	1,3	0,9	PHS 50-1TB19
20	4,32	4,00	B	1610	1/2	1 5/8	1	3 1/4	1,6	0,9	PHS 50-1TB20
21	4,52	4,19	B	1610	1/2	1 5/8	1	3	1,5	0,9	PHS 50-1TB21
22	4,72	4,39	B	1610	1/2	1 5/8	1	3	1,6	0,9	PHS 50-1TB22
23	4,92	4,59	B	2012	3/4	2	1 1/4	3 7/16	2,0	1,7	PHS 50-1TB23
24	5,12	4,79	B	2012	3/4	2	1 1/4	3 7/16	2,2	1,7	PHS 50-1TB24
25	5,32	4,99	B	2012	3/4	2	1 1/4	3 7/16	2,4	1,7	PHS 50-1TB25
26	5,52	5,18	B	2012	3/4	2	1 1/4	3 7/16	2,5	1,7	PHS 50-1TB26
27	5,72	5,38	B	2012	3/4	2	1 1/4	3 7/16	2,6	1,7	PHS 50-1TB27
28	5,92	5,58	B	2012	3/4	2	1 1/4	3 7/16	2,8	1,7	PHS 50-1TB28
30	6,32	5,98	B	2012	3/4	2	1 1/4	3 7/16	3,2	1,7	PHS 50-1TB30
32	6,72	6,38	B	2012	3/4	2	1 1/4	3 7/16	3,6	1,7	PHS 50-1TB32
35	7,32	6,97	B	2012	3/4	2	1 1/4	3 7/16	4,2	1,7	PHS 50-1TB35
36	7,52	7,17	B	2012	3/4	2	1 1/4	3 7/16	4,3	1,7	PHS 50-1TB36
40	8,32	7,97	B	2012	3/4	2	1 1/4	3 7/16	5,2	1,7	PHS 50-1TB40
42	8,71	8,36	B	2012	3/4	2	1 1/4	3 7/16	5,9	1,7	PHS 50-1TB42
45	9,31	8,96	B	2012	3/4	2	1 1/4	3 7/16	6,5	1,7	PHS 50-1TB45
48	9,91	9,56	B	2012	3/4	2	1 1/4	3 7/16	7,3	1,7	PHS 50-1TB48
54	11,11	10,75	B	2012	3/4	2	1 1/4	3 7/16	9,0	1,7	PHS 50-1TB54
60	12,30	11,94	B	2012	3/4	2	1 1/4	3 7/16	10,8	1,7	PHS 50-1TB60
70	14,29	13,93	B	2517	3/4	2 1/2	1 3/4	4 1/4	14,0	3,5	PHS 50-1TB70
72	14,69	14,33	B	2517	3/4	2 1/2	1 3/4	4 1/4	15,5	3,5	PHS 50-1TB72
80	16,28	15,92	B	2517	3/4	2 1/2	1 3/4	4 1/4	19,5	3,5	PHS 50-1TB80
84	17,08	16,71	B	2517	3/4	2 1/2	1 3/4	4 1/4	22,5	3,5	PHS 50-1TB84
96	19,47	19,10	B	2517	3/4	2 1/2	1 3/4	4 1/4	29,0	3,5	PHS 50-1TB96
112	22,65	22,29	B	2517	3/4	2 1/2	1 3/4	4 1/4	38,7	3,5	PHS 50-1TB112

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type B





ANSI sprockets



Simplex
Taper Bushed

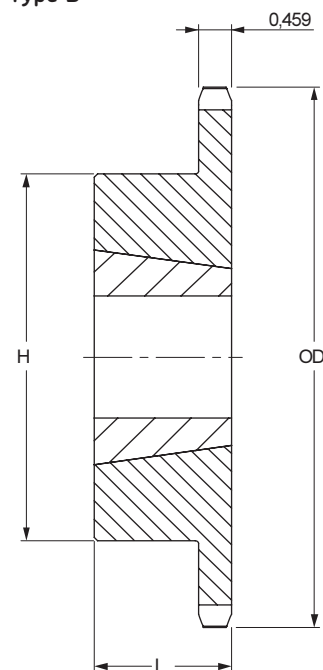
ANSI 60-1 3/4" Pitch

Taper Bushed Type B

No. Teeth	Diameter		Type	Bushing Size	Bore		Dimensions		Weight		Designation
	Outside	Pitch			Min	Max	L	H	Rim	Bushing	
	Inch	Inch			Inch	Inch	Inch	Inch	lbs	lbs	
11	3.00	2.66	B	1008	3/8	1	7/8	1 13/16	0.6	0.3	PHS 60-1TB11
12	3.25	2.90	B	1008	3/8	1	7/8	1 15/16	0.8	0.3	PHS 60-1TB12
13	3.49	3.13	B	1210	5/8	1 1/4	1	2 15/32	0.8	0.6	PHS 60-1TB13
14	3.74	3.37	B	1210	5/8	1 1/4	1	2 15/32	1.0	0.6	PHS 60-1TB14
15	3.98	3.61	B	1610	1/2	1 5/8	1	2 25/32	1.0	0.9	PHS 60-1TB15
16	4.22	3.84	B	1610	1/2	1 5/8	1	3	1.4	0.9	PHS 60-1TB16
17	4.46	4.08	B	1610	1/2	1 5/8	1	3 1/4	1.8	0.9	PHS 60-1TB17
18	4.70	4.32	B	1610	1/2	1 5/8	1	3 1/4	1.9	0.9	PHS 60-1TB18
19	4.95	4.56	B	1610	1/2	1 5/8	1	3 1/4	2.2	0.9	PHS 60-1TB19
20	5.18	4.79	B	2012	3/4	2	1 1/4	3 9/16	2.2	1.7	PHS 60-1TB20
21	5.43	5.03	B	2012	3/4	2	1 1/4	3 9/16	2.5	1.7	PHS 60-1TB21
22	5.67	5.27	B	2012	3/4	2	1 1/4	3 9/16	2.8	1.7	PHS 60-1TB22
23	5.91	5.51	B	2012	3/4	2	1 1/4	3 9/16	3.1	1.7	PHS 60-1TB23
24	6.15	5.75	B	2012	3/4	2	1 1/4	3 9/16	3.4	1.7	PHS 60-1TB24
25	6.39	5.98	B	2012	3/4	2	1 1/4	3 9/16	3.7	1.7	PHS 60-1TB25
26	6.63	6.22	B	2012	3/4	2	1 1/4	3 9/16	4.0	1.7	PHS 60-1TB26
27	6.87	6.42	B	2012	3/4	2	1 1/4	3 9/16	4.2	1.7	PHS 60-1TB27
28	7.11	6.70	B	2012	3/4	2	1 1/4	3 9/16	4.6	1.7	PHS 60-1TB28
30	7.59	7.17	B	2012	3/4	2	1 1/4	3 9/16	5.2	1.7	PHS 60-1TB30
32	8.06	7.65	B	2012	3/4	2	1 1/4	3 9/16	5.6	1.7	PHS 60-1TB32
35	8.78	8.37	B	2012	3/4	2	1 1/4	3 9/16	6.4	1.7	PHS 60-1TB35
36	9.02	8.61	B	2012	3/4	2	1 1/4	3 9/16	6.6	1.7	PHS 60-1TB36
40	9.98	9.56	B	2012	3/4	2	1 1/4	3 9/16	8.3	1.7	PHS 60-1TB40
42	10.46	10.04	B	2012	3/4	2	1 1/4	3 9/16	10.0	1.7	PHS 60-1TB42
45	11.18	10.75	B	2012	3/4	2	1 1/4	3 9/16	11.5	1.7	PHS 60-1TB45
48	11.89	11.47	B	2012	3/4	2	1 1/4	3 9/16	13.2	1.7	PHS 60-1TB48
54	13.33	12.90	B	2517	3/4	2 1/2	1 3/4	4 1/4	17.1	3.5	PHS 60-1TB54
60	14.76	14.33	B	2517	3/4	2 1/2	1 3/4	4 1/4	21.0	3.5	PHS 60-1TB60
70	17.15	16.72	B	2517	3/4	2 1/2	1 3/4	4 1/4	27.6	3.5	PHS 60-1TB70
72	17.63	17.19	B	2517	3/4	2 1/2	1 3/4	4 1/4	30.0	3.5	PHS 60-1TB72
80	19.54	19.10	B	2517	3/4	2 1/2	1 3/4	4 1/4	36.3	3.5	PHS 60-1TB80
84	20.49	20.06	B	2517	3/4	2 1/2	1 3/4	4 1/4	40.6	3.5	PHS 60-1TB84

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type B



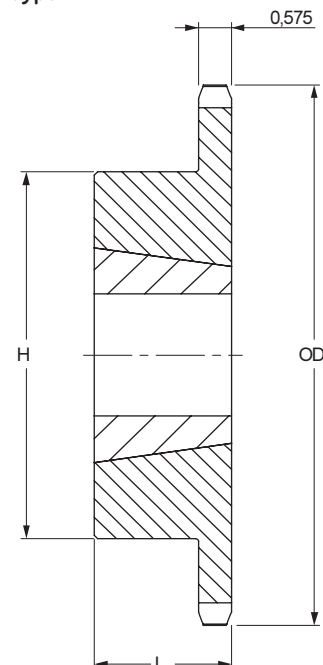
ANSI 80-1 1" Pitch

Taper Bushed Type B

No. Teeth	Diameter		Type	Bushing Size	Bore		Dimensions		Weight		Designation
	Outside	Pitch			Min	Max	L	H	Rim	Bushing	
	Inch	Inch			Inch	Inch	Inch	Inch	lbs	lbs	
10	3.68	3.24	B	1215	5/8	1 1/4	1 1/2	2 3/8	1.1	0.8	PHS 80-1TB10
11	4.01	3.55	B	1215	5/8	1 1/4	1 1/2	2 15/32	1.5	0.8	PHS 80-1TB11
12	4.33	3.86	B	1615	1/2	1 5/8	1 1/2	3	1.8	1.2	PHS 80-1TB12
13	4.66	4.18	B	1615	1/2	1 5/8	1 1/2	3	2.3	1.2	PHS 80-1TB13
14	4.98	4.49	B	1615	1/2	1 5/8	1 1/2	3 1/4	2.5	1.2	PHS 80-1TB14
15	5.30	4.81	B	1615	1/2	1 5/8	1 1/2	3 1/4	2.7	1.2	PHS 80-1TB15
16	5.63	5.13	B	2012	3/4	2	1 1/4	3 9/16	2.8	1.7	PHS 80-1TB16
17	5.95	5.44	B	2012	3/4	2	1 1/4	3 9/16	3.1	1.7	PHS 80-1TB17
18	6.27	5.76	B	2012	3/4	2	1 1/4	3 9/16	2.6	1.7	PHS 80-1TB18
19	6.59	6.08	B	2012	3/4	2	1 1/4	3 9/16	4.1	1.7	PHS 80-1TB19
20	6.91	6.39	B	2517	3/4	2 1/2	1 3/4	4 1/4	5.5	1.7	PHS 80-1TB20
21	7.24	6.71	B	2517	3/4	2 1/2	1 3/4	4 1/4	6.0	3.5	PHS 80-1TB21
22	7.55	7.03	B	2517	3/4	2 1/2	1 3/4	4 1/4	6.5	3.5	PHS 80-1TB22
23	7.88	7.34	B	2517	3/4	2 1/2	1 3/4	4 1/4	7.0	3.5	PHS 80-1TB23
24	8.20	7.66	B	2517	3/4	2 1/2	1 3/4	4 1/4	7.5	3.5	PHS 80-1TB24
25	8.52	7.98	B	2517	3/4	2 1/2	1 3/4	4 1/4	8.1	3.5	PHS 80-1TB25
26	8.84	8.30	B	2517	3/4	2 1/2	1 3/4	4 1/4	8.8	3.5	PHS 80-1TB26
27	9.16	8.61	B	2517	3/4	2 1/2	1 3/4	4 1/4	9.0	3.5	PHS 80-1TB27
28	9.47	8.93	B	2517	3/4	2 1/2	1 3/4	4 1/4	9.5	3.5	PHS 80-1TB28
30	10.11	9.57	B	2517	3/4	2 1/2	1 3/4	4 1/4	11.5	3.5	PHS 80-1TB30
32	10.75	10.20	B	2517	3/4	2 1/2	1 3/4	4 1/4	12.0	3.5	PHS 80-1TB32
35	11.71	11.16	B	2517	3/4	2 1/2	1 3/4	4 1/4	15.2	3.5	PHS 80-1TB35
36	12.03	11.47	B	2517	3/4	2 1/2	1 3/4	4 1/4	17.0	3.5	PHS 80-1TB36
40	13.31	12.75	B	2517	3/4	2 1/2	1 3/4	4 1/4	21.0	3.5	PHS 80-1TB40
45	14.90	14.34	B	2517	3/4	2 1/2	1 3/4	4 1/4	26.5	3.5	PHS 80-1TB45
48	15.86	15.29	B	2517	3/4	2 1/2	1 3/4	4 1/4	29.5	3.5	PHS 80-1TB48
54	17.77	17.20	B	2517	3/4	2 1/2	1 3/4	4 1/4	38.5	3.5	PHS 80-1TB54
60	19.68	19.11	B	2517	3/4	2 1/2	1 3/4	4 1/4	45.0	3.5	PHS 80-1TB60
70	22.87	22.29	B	3020	1 1/4	3	2	5 1/4	52.3	6.5	PHS 80-1TB70
80	26.05	25.47	B	3020	1 1/4	3	2	5 1/4	69.2	6.5	PHS 80-1TB80

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type B





ANSI sprockets

Simplex

Taper Bushed

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

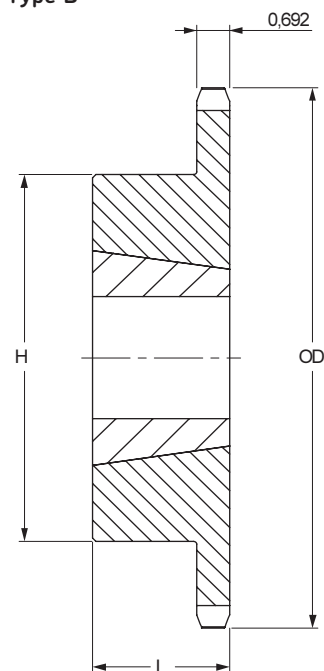
ANSI 100-1 1 1/4" Pitch

Taper Bushed Type B

No. Teeth	Diameter		Type	Bushing Size	Bore		Dimensions		Weight		Designation
	Outside	Pitch			Min	Max	L	H	Rim	Bushing	
11	5,01	4,44	B	1615	1/2	1 1/8	1 1/2	3	2,7	1,2	PHS 100-1TB11
12	5,42	4,83	B	1615	1/2	1 1/8	1 1/2	3 1/4	3,5	1,2	PHS 100-1TB12
13	5,82	5,22	B	2012	3/4	2	1 1/4	3 1/16	3,6	1,7	PHS 100-1TB13
14	6,23	5,62	B	2012	3/4	2	1 1/4	3 1/16	3,9	1,7	PHS 100-1TB14
15	6,63	6,01	B	2517	3/4	2 1/2	1 3/4	4 1/4	5,0	3,5	PHS 100-1TB15
16	7,03	6,41	B	2517	3/4	2 1/2	1 3/4	4 1/2	6,4	3,5	PHS 100-1TB16
17	7,44	6,80	B	2517	3/4	2 1/2	1 3/4	4 1/2	7,1	3,5	PHS 100-1TB17
18	7,84	7,20	B	2517	3/4	2 1/2	1 3/4	4 1/2	7,8	3,5	PHS 100-1TB18
19	8,24	7,59	B	2517	3/4	2 1/2	1 3/4	4 1/2	8,7	3,5	PHS 100-1TB19
20	8,64	7,99	B	2517	3/4	2 1/2	1 3/4	4 1/2	9,6	3,5	PHS 100-1TB20
21	9,04	8,39	B	2517	3/4	2 1/2	1 3/4	4 1/2	10,6	3,5	PHS 100-1TB21
22	9,44	8,78	B	2517	3/4	2 1/2	1 3/4	4 1/2	11,0	3,5	PHS 100-1TB22
24	10,24	9,58	B	2517	3/4	2 1/2	1 3/4	4 1/2	13,0	3,5	PHS 100-1TB24
26	11,04	10,37	B	2517	3/4	2 1/2	1 3/4	4 1/2	15,0	3,5	PHS 100-1TB26
28	11,84	11,16	B	3020	1 1/4	3	2	5 1/4	16,5	6,5	PHS 100-1TB28
30	12,64	11,96	B	3020	1 1/4	3	2	5 1/4	22,0	6,5	PHS 100-1TB30
32	13,44	12,75	B	3020	1 1/4	3	2	5 1/4	23,0	6,5	PHS 100-1TB32
35	14,64	13,95	B	3020	1 1/4	3	2	5 1/4	28,0	6,5	PHS 100-1TB35
36	15,04	14,34	B	3020	1 1/4	3	2	5 1/4	31,0	6,5	PHS 100-1TB36
40	16,63	15,93	B	3020	1 1/4	3	2	5 1/4	37,0	6,5	PHS 100-1TB40
45	18,63	17,92	B	3020	1 1/4	3	2	5 1/4	46,0	6,5	PHS 100-1TB45
48	19,82	19,11	B	3020	1 1/4	3	2	5 1/4	53,0	6,5	PHS 100-1TB48
54	22,21	21,50	B	3020	1 1/4	3	2	5 1/4	62,0	6,5	PHS 100-1TB54
60	24,60	23,88	B	3020	1 1/4	3	2	5 1/4	72,0	6,5	PHS 100-1TB60

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type B



ANSI 120-1 1 1/2" Pitch

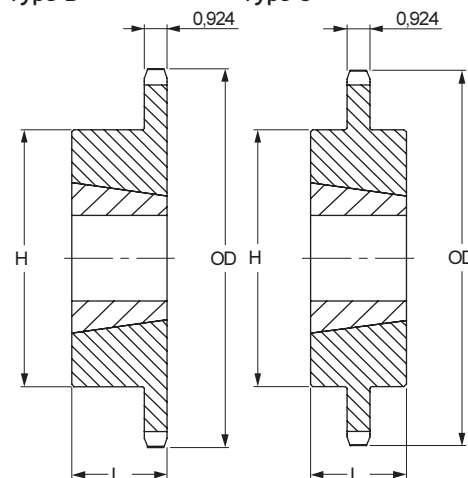
Taper Bushed Type B/C

No. Teeth	Diameter		Type	Bushing Size	Bore		Dimensions		Weight		Designation
	Outside	Pitch			Min	Max	L	H	Rim	Bushing	
12	6,50	5,80	B	2012	3/4	2	1 1/4	3 1/16	5,5	1,7	PHS 120-1TB12
13	6,90	6,27	B	2517	3/4	2 1/2	1 3/4	4 1/4	6,0	3,5	PHS 120-1TB13
14	7,47	6,74	B	2517	3/4	2 1/2	1 3/4	4 1/4	7,0	3,5	PHS 120-1TB14
15	7,96	7,21	B	2517	3/4	2 1/2	1 3/4	4 1/4	8,0	3,5	PHS 120-1TB15
16	8,44	7,69	B	3020	1 1/4	3	2	5 1/4	10,0	6,5	PHS 120-1TB16
17	8,92	8,16	B	3020	1 1/4	3	2	5 1/4	11,0	6,5	PHS 120-1TB17
18	9,41	8,64	B	3020	1 1/4	3	2	5 1/4	12,0	6,5	PHS 120-1TB18
19	9,89	9,11	B	3020	1 1/4	3	2	5 1/4	14,0	6,5	PHS 120-1TB19
20	10,37	9,59	B	3020	1 1/4	3	2	5 1/4	15,5	6,5	PHS 120-1TB20
21	10,85	10,06	B	3020	1 1/4	3	2	5 1/4	17,5	6,5	PHS 120-1TB21
24	12,29	11,49	B	3020	1 1/4	3	2	5 1/4	23,5	6,5	PHS 120-1TB24
26	13,25	12,44	B	3020	1 1/4	3	2	5 1/4	28,5	6,5	PHS 120-1TB26
30	15,17	14,35	B	3020	1 1/4	3	2	5 1/4	33,5	6,5	PHS 120-1TB30
35	17,57	16,73	C	3020	1 1/4	3	2	5 1/4	52,0	6,5	PHS 120-1TB35
45	22,35	21,50	C	3030	1 1/4	3	3	5 7/8	82,0	9,2	PHS 120-1TB45
60	29,52	28,66	C	3535	1 1/2	3 1/2	3 1/2	6 1/2	140,0	14,0	PHS 120-1TB60
70	34,30	33,43	C	3535	1 1/2	3 1/2	3 1/2	6 1/2	175,0	14,0	PHS 120-1TB70
80	39,08	38,21	C	3535	1 1/2	3 1/4	3 1/2	6 1/2	220,0	14,0	PHS 120-1TB80

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type B

Type C





ANSI sprockets



Simplex
Taper Bushed

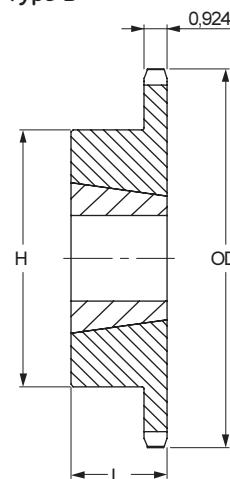
ANSI 140-1 1 3/4" Pitch

Taper Bushed Type B/C

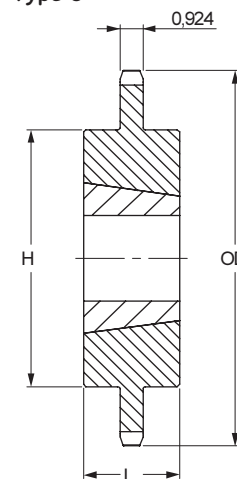
No. Teeth	Diameter		Type	Bushing Size	Bore		Dimensions		Weight		Designation
	Outside	Pitch			Min	Max	L	H	Rim	Bushing	
	Inch	Inch			Inch	Inch	Inch	Inch	lbs	lbs	
12	7,58	6,76	B	2517	3/4	2 1/2	1 3/4	4 1/4	7,0	3,5	PHS 140-1TB12
13	8,15	7,31	B	3020	1 1/4	3	2	5 1/4	8,0	6,5	PHS 140-1TB13
14	8,72	7,86	B	3020	1 1/4	3	2	5 1/4	10,0	6,5	PHS 140-1TB14
15	9,28	8,42	B	3020	1 1/4	3	2	5 1/4	12,0	6,5	PHS 140-1TB15
16	9,85	8,97	B	3020	1 1/4	3	2	5 1/4	14,0	6,5	PHS 140-1TB16
17	10,41	9,52	B	3020	1 1/4	3	2	5 1/4	16,0	6,5	PHS 140-1TB17
18	10,97	10,08	B	3020	1 1/4	3	2	5 1/4	18,0	6,5	PHS 140-1TB18
19	11,54	10,63	B	3020	1 1/4	3	2	5 1/4	20,0	6,5	PHS 140-1TB19
21	12,66	11,74	B	3020	1 1/4	3	2	5 1/4	24,0	6,5	PHS 140-1TB21
26	15,46	14,52	B	3020	1 1/4	3	2	5 1/4	40,0	6,5	PHS 140-1TB26
35	20,49	19,52	C	3535	1 1/2	3 1/2	3 1/2	6 1/2	78,0	14,0	PHS 140-1TB35
45	26,08	25,09	C	4040	1 3/4	4	4	7 3/4	118,0	22,0	PHS 140-1TB45
60	34,44	33,44	C	4040	1 3/4	4	4	7 3/4	188,0	22,0	PHS 140-1TB60
70	40,02	39,01	C	4040	1 3/4	4	4	7 3/4	241,0	22,0	PHS 140-1TB70

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type B



Type C



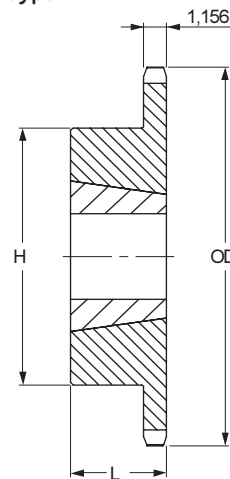
ANSI 160-1 2" Pitch

Taper Bushed Type B/C

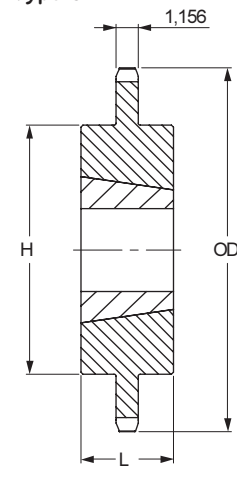
No. Teeth	Diameter		Type	Bushing Size	Bore		Dimensions		Weight		Designation
	Outside	Pitch			Min	Max	L	H	Rim	Bushing	
	Inch	Inch			Inch	Inch	Inch	Inch	lbs	lbs	
11	8,01	7,10	B	2517	3/4	2 1/2	1 3/4	4 1/4	9,0	3,5	PHS 160-1TB11
12	8,66	7,73	B	3020	1 1/4	3	2	5 1/4	11,0	6,5	PHS 160-1TB12
13	9,31	8,36	B	3020	1 1/4	3	2	5 1/4	13,0	6,5	PHS 160-1TB13
14	9,96	8,99	B	3020	1 1/4	3	2	5 1/4	16,0	6,5	PHS 160-1TB14
15	10,61	9,62	B	3535	1 1/2	3 1/2	3 1/2	6 1/2	25,0	14,0	PHS 160-1TB15
16	11,26	10,25	B	3535	1 1/2	3 1/2	3 1/2	6 1/2	28,0	14,0	PHS 160-1TB16
17	11,90	10,88	B	3535	1 1/2	3 1/2	3 1/2	6 1/2	32,0	14,0	PHS 160-1TB17
18	12,54	11,52	B	3535	1 1/2	3 1/2	3 1/2	6 1/2	35,0	14,0	PHS 160-1TB18
19	13,19	12,15	B	3535	1 1/2	3 1/2	3 1/2	6 1/2	39,0	14,0	PHS 160-1TB19
21	14,47	13,42	B	3535	1 1/2	3 1/2	3 1/2	6 1/2	48,0	14,0	PHS 160-1TB21
26	17,67	16,59	B	3535	1 1/2	3 1/2	3 1/2	6 1/2	68,0	14,0	PHS 160-1TB26
35	23,42	22,31	C	4040	1 3/4	4	4	7 3/4	118,0	14,0	PHS 160-1TB35
45	29,80	28,67	C	4040	1 3/4	4	4	7 3/4	186,0	22,0	PHS 160-1TB45
60	39,36	38,22	C	4545	2 3/8	4 1/2	4 1/2	7 3/4	292,0	30,0	PHS 160-1TB60

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type B



Type C





ANSI sprockets

Double Simplex

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

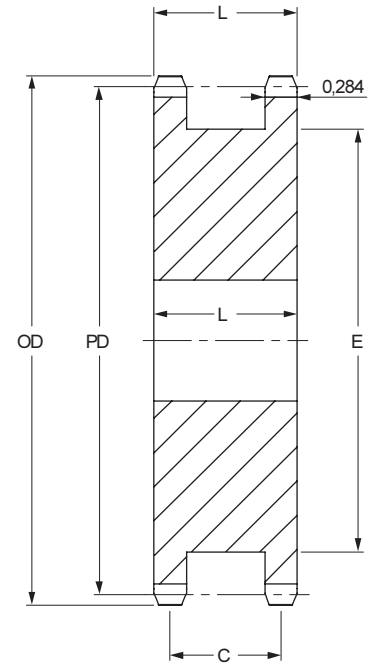
ANSI 40-1 1/2" Pitch

Double Simplex Type A

No. Teeth	Diameter		Type	Bore		Dimensions			Weight lbs	Designation
	Outside	Pitch		Min	Max	L	C	E		
15	2,65	2,40	A	1/2	1 1/4	1 13/32	1 1/8	1 13/16	1,2	PHS 40-1DSA15
16	2,81	2,56	A	1/2	1 1/4	1 13/32	1 1/8	2	1,4	PHS 40-1DSA16
17	2,98	2,72	A	1/2	1 5/16	1 13/32	1 1/8	2 1/8	1,6	PHS 40-1DSA17
18	3,14	2,88	A	1/2	1 1/2	1 13/32	1 1/8	2 5/16	1,8	PHS 40-1DSA18
19	3,30	3,04	A	5/8	1 11/16	1 13/32	1 1/8	2 1/2	2,2	PHS 40-1DSA19
20	3,46	3,20	A	5/8	1 3/4	1 13/32	1 1/8	2 5/8	2,6	PHS 40-1DSA20
21	3,62	3,36	A	5/8	1 3/4	1 13/32	1 1/8	2 25/32	2,9	PHS 40-1DSA21
22	3,78	3,51	A	5/8	1 13/16	1 13/32	1 1/8	2 15/16	3,0	PHS 40-1DSA22
23	3,94	3,67	A	5/8	2 1/16	1 13/32	1 1/8	2 3/32	3,5	PHS 40-1DSA23
24	4,10	3,83	A	5/8	2 1/4	1 13/32	1 1/8	2 17/64	4,0	PHS 40-1DSA24
25	4,26	3,99	A	5/8	2 1/4	1 13/32	1 1/8	2 7/16	4,5	PHS 40-1DSA25

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type A



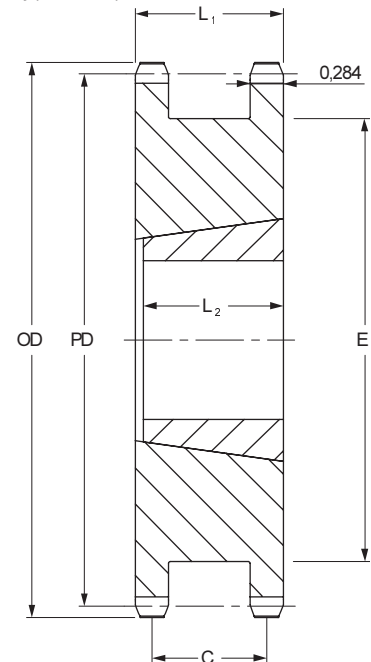
Double Simplex Taper Bushed Type A

No. Teeth	Bushing Size	Diameters		Type	Bore		Dimensions				Weight* lbs	Designation
		Outside	Pitch		Min	Max	L ₁	C	E	L ₂		
18	1215	3,14	2,88	A	1/2	1 1/4	1 13/32	1 1/8	2 5/16	1 1/2	1,0	PHS 40-1DSTB18
19	1215	3,30	3,04	A	1/2	1 1/4	1 13/32	1 1/8	2 1/2	1 1/2	1,1	PHS 40-1DSTB19
20	1215	3,46	3,20	A	1/2	1 1/4	1 13/32	1 1/8	2 5/8	1 1/2	1,3	PHS 40-1DSTB20
21	1615	3,62	3,36	A	1/2	1 5/8	1 13/32	1 1/8	2 25/32	1 1/2	1,3	PHS 40-1DSTB21
23	1615	3,94	3,67	A	1/2	1 5/8	1 13/32	1 1/8	3 3/32	1 1/2	1,5	PHS 40-1DSTB23
24	1615	4,10	3,83	A	1/2	1 5/8	1 13/32	1 1/8	3 17/64	1 1/2	1,7	PHS 40-1DSTB24

* Weight for rim only

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type A Taper Bush





ANSI sprockets

Double Simplex



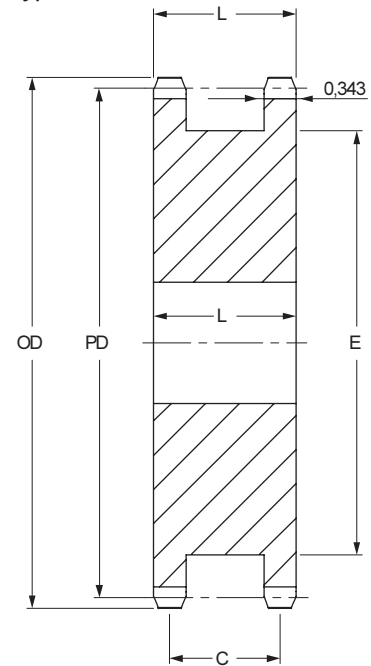
ANSI 50-1 5/8" Pitch

Double Simplex Type A

No. Teeth	Diameter		Type	Bore		Dimensions			Weight	Designation
	Outside	Pitch		Min	Max	L	C	E		
15	3,32	3,01	A	$\frac{5}{8}$	$1 \frac{1}{2}$	$1 \frac{21}{32}$	$1 \frac{1}{16}$	$2 \frac{3}{8}$	2,1	PHS 50-1DSA15
16	3,52	3,20	A	$\frac{5}{8}$	$1 \frac{11}{16}$	$1 \frac{21}{32}$	$1 \frac{1}{16}$	$2 \frac{1}{2}$	2,4	PHS 50-1DSA16
17	3,72	3,40	A	$\frac{5}{8}$	$1 \frac{3}{4}$	$1 \frac{21}{32}$	$1 \frac{1}{16}$	$2 \frac{11}{16}$	2,9	PHS 50-1DSA17
18	3,92	3,60	A	$\frac{5}{8}$	$1 \frac{7}{8}$	$1 \frac{21}{32}$	$1 \frac{1}{16}$	$2 \frac{57}{64}$	3,3	PHS 50-1DSA18
19	4,12	3,80	A	$\frac{5}{8}$	$2 \frac{1}{16}$	$1 \frac{21}{32}$	$1 \frac{1}{16}$	$3 \frac{5}{64}$	3,7	PHS 50-1DSA19
20	4,32	4,00	A	$\frac{5}{8}$	$2 \frac{1}{4}$	$1 \frac{21}{32}$	$1 \frac{1}{16}$	$3 \frac{9}{32}$	4,2	PHS 50-1DSA20
21	4,52	4,19	A	$\frac{5}{8}$	$2 \frac{3}{8}$	$1 \frac{21}{32}$	$1 \frac{1}{16}$	$3 \frac{31}{64}$	4,8	PHS 50-1DSA21
22	4,72	4,39	A	$\frac{5}{8}$	$2 \frac{7}{16}$	$1 \frac{21}{32}$	$1 \frac{1}{16}$	$3 \frac{11}{16}$	5,3	PHS 50-1DSA22
23	4,92	4,59	A	$\frac{5}{8}$	$2 \frac{5}{8}$	$1 \frac{21}{32}$	$1 \frac{1}{16}$	$3 \frac{57}{64}$	5,8	PHS 50-1DSA23
24	5,12	4,79	A	$\frac{5}{8}$	$2 \frac{3}{4}$	$1 \frac{21}{32}$	$1 \frac{1}{16}$	$4 \frac{5}{64}$	6,3	PHS 50-1DSA24

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type A



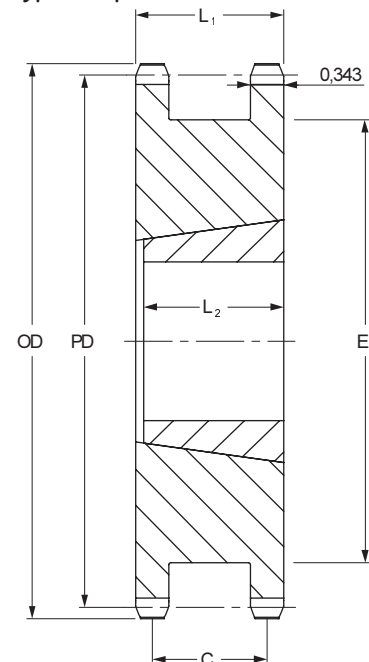
Double Simplex Taper Bushed Type A

No. Teeth	Bushing Size	Diameters		Type	Bore		Dimensions					Weight*	Designation
		Pitch	Min		Max	L ₁	C	E	L ₂	Inch			
											Inch		
16	1215	3,52	3,20	A	$\frac{1}{2}$	$1 \frac{5}{8}$	$1 \frac{21}{32}$	$1 \frac{1}{16}$	$2 \frac{31}{64}$	$1 \frac{1}{2}$	3,0	PHS 50-1DSTB16	
17	1615	3,72	3,40	A	$\frac{1}{2}$	$1 \frac{5}{8}$	$1 \frac{21}{32}$	$1 \frac{1}{16}$	$2 \frac{11}{16}$	$1 \frac{1}{2}$	1,8	PHS 50-1DSTB17	
18	1615	3,92	3,60	A	$\frac{1}{2}$	$1 \frac{5}{8}$	$1 \frac{21}{32}$	$1 \frac{1}{16}$	$2 \frac{57}{64}$	$1 \frac{1}{2}$	2,2	PHS 50-1DSTB18	
19	1615	4,12	3,80	A	$\frac{1}{2}$	$1 \frac{5}{8}$	$1 \frac{21}{32}$	$1 \frac{1}{16}$	$3 \frac{5}{64}$	$1 \frac{1}{2}$	2,7	PHS 50-1DSTB19	
20	1615	4,32	4,00	A	$\frac{1}{2}$	$1 \frac{5}{8}$	$1 \frac{21}{32}$	$1 \frac{1}{16}$	$3 \frac{9}{32}$	$1 \frac{1}{2}$	5,0	PHS 50-1DSTB20	
21	2012	4,52	4,19	A	$\frac{1}{2}$	2	$1 \frac{21}{32}$	$1 \frac{1}{16}$	$3 \frac{31}{64}$	$1 \frac{3}{4}$	3,3	PHS 50-1DSTB21	
23	2012	4,92	4,59	A	$\frac{1}{2}$	2	$1 \frac{21}{32}$	$1 \frac{1}{16}$	$3 \frac{57}{64}$	$1 \frac{3}{4}$	3,7	PHS 50-1DSTB23	
24	2012	5,12	4,79	A	$\frac{1}{2}$	2	$1 \frac{21}{32}$	$1 \frac{1}{16}$	$4 \frac{5}{64}$	$1 \frac{3}{4}$	4,1	PHS 50-1DSTB24	

* Weight for rim only

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type A Taper Bush





ANSI sprockets

Double Simplex

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

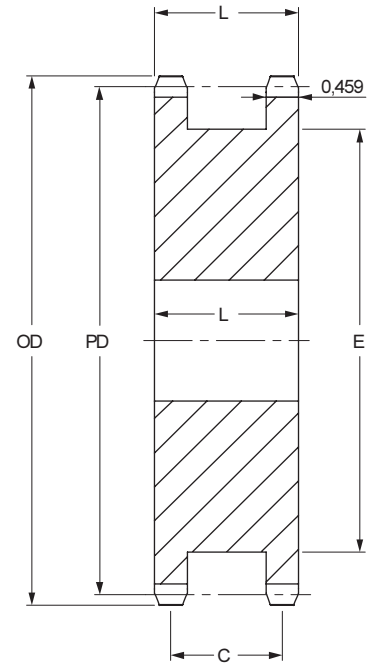
ANSI 60-1 3/4" Pitch

Double Simplex Type A

No. Teeth	Diameter		Type	Bore		Dimensions			Weight lbs	Designation
	Outside	Pitch		Min	Max	L	C	E		
13	3,49	3,13	A	3/4	1 1/4	1 15/16	1 31/64	2 11/32	2,6	PHS 60-1DSA13
14	3,74	3,37	A	3/4	1 5/16	1 15/16	1 31/64	2 7/16	3,2	PHS 60-1DSA14
15	3,98	3,61	A	3/4	1 1/2	1 15/16	1 31/64	2 7/8	3,8	PHS 60-1DSA15
16	4,22	3,84	A	3/4	1 11/16	1 15/16	1 31/64	3 3/64	4,5	PHS 60-1DSA16
17	4,46	4,08	A	3/4	1 3/4	1 15/16	1 31/64	3 1/4	5,3	PHS 60-1DSA17
18	4,70	4,32	A	3/4	1 7/8	1 15/16	1 31/64	3 1/2	6,5	PHS 60-1DSA18
19	4,95	4,56	A	3/4	2 1/16	1 15/16	1 31/64	3 45/64	6,8	PHS 60-1DSA19
20	5,19	4,79	A	3/4	2 1/4	1 15/16	1 31/64	3 63/64	7,0	PHS 60-1DSA20
21	5,43	5,03	A	3/4	2 3/4	1 15/16	1 31/64	4 3/16	7,5	PHS 60-1DSA21
22	5,67	5,27	A	3/4	2 3/4	1 15/16	1 31/64	4 7/16	11,0	PHS 60-1DSA22
23	5,91	5,51	A	3/4	2 3/4	1 15/16	1 31/64	4 21/32	11,5	PHS 60-1DSA23
24	6,15	5,75	A	3/4	2 3/4	1 15/16	1 31/64	4 38/32	12,0	PHS 60-1DSA24

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type A



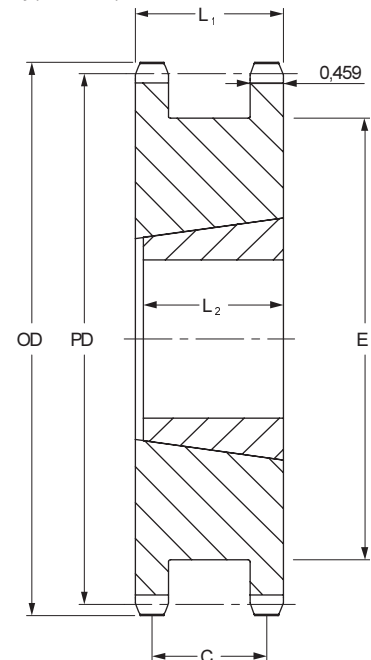
Double Simplex Taper Bushed Type A

No. Teeth	Bushing Size	Diameters		Type	Bore		Dimensions				Weight* lbs	Designation
		Outside	Pitch		Min	Max	L ₁	C	E	L ₂		
16	1615	4,22	3,84	A	1/2	1 5/8	1 15/16	1 31/64	2 63/64	1 1/2	4,5	PHS 60-1DSTB16
17	1615	4,46	4,00	A	1/2	1 5/8	1 15/16	1 31/64	3 7/32	1 3/2	4,5	PHS 60-1DSTB17
18	2012	4,70	4,32	A	1/2	2	1 15/16	1 31/64	3 25/32	1 1/4	5,0	PHS 60-1DSTB18
19	2012	4,95	4,56	A	1/2	2	1 15/16	1 31/64	3 45/64	1 1/4	5,8	PHS 60-1DSTB19
20	2517	5,19	4,79	A	1/2	2 1/2	1 15/16	1 31/64	3 61/64	1 3/4	5,6	PHS 60-1DSTB20
21	2517	5,43	5,03	A	1/2	2 1/2	1 15/16	1 31/64	4 3/16	1 3/4	6,4	PHS 60-1DSTB21
23	2517	5,91	5,51	A	1/2	2 1/2	1 15/16	1 31/64	4 43/64	1 3/4	7,3	PHS 60-1DSTB23
24	2517	6,15	5,75	A	1/2	2 1/2	1 15/16	1 31/64	4 38/32	1 3/4	8,2	PHS 60-1DSTB24

* Weight for rim only

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type A Taper Bush





ANSI sprockets

Double Simplex



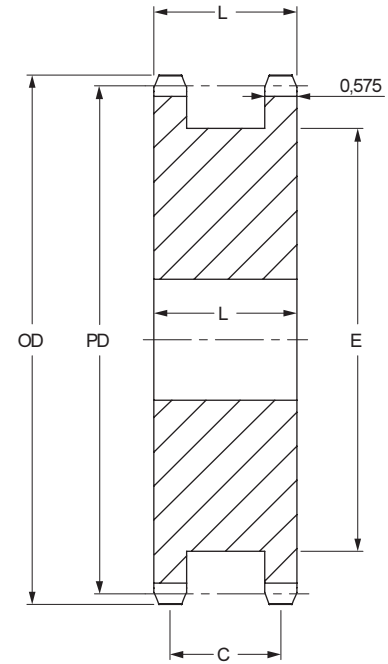
ANSI 80-1 1" Pitch

Double Simplex Type A

No. Teeth	Diameter		Type	Bore		Dimensions			Weight	Designation
	Outside	Pitch		Min	Max	L	C	E		
13	4,66	4,18	A	1	2	2 3/16	1 5/8	3 1/64	6,5	PHS 80-1DSA13
14	4,98	4,49	A	1	2 1/4	2 3/16	1 5/8	3 13/32	7,7	PHS 80-1DSA14
15	5,30	4,81	A	1	2 5/8	2 3/16	1 5/8	3 13/16	9,1	PHS 80-1DSA15
16	5,63	5,13	A	1	2 13/16	2 3/16	1 5/8	4	9,5	PHS 80-1DSA16
17	5,95	5,44	A	1	2 13/16	2 3/16	1 5/8	4 5/16	10,8	PHS 80-1DSA17
18	6,27	5,76	A	1	3 1/8	2 3/16	1 5/8	4 43/64	12,1	PHS 80-1DSA18
19	6,59	6,08	A	1	3 1/4	2 3/16	1 5/8	4 61/64	12,8	PHS 80-1DSA19
20	6,91	6,39	A	1	3 1/2	2 3/16	1 5/8	5 9/32	14,0	PHS 80-1DSA20
21	7,24	6,71	A	1	3 3/4	2 3/16	1 5/8	5 19/32	16,5	PHS 80-1DSA21
22	7,56	7,03	A	1	3 7/8	2 3/16	1 5/8	5 59/64	18,4	PHS 80-1DSA22
23	7,88	7,34	A	1	3 7/8	2 3/16	1 5/8	6 15/64	20,5	PHS 80-1DSA23

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type A



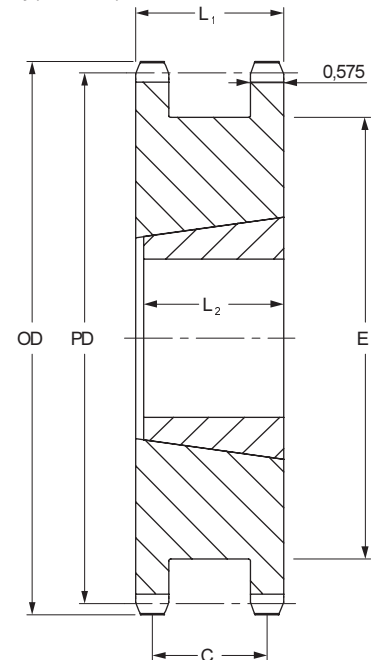
Double Simplex Taper Bushed Type A

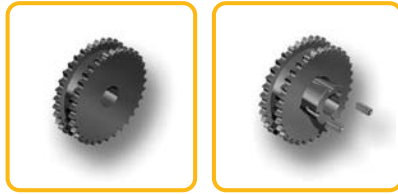
No. Teeth	Bushing Size	Diameters		Type	Bore		Dimensions				Weight*	Designation
		Outside	Pitch		Min	Max	L ₁	C	E	L ₂		
17	2517	5,95	5,44	A	1 1/2	2 1/2	2 3/16	1 5/8	4 5/16	1 3/4	7,6	PHS 80-1DSTB17
18	2517	6,27	5,76	A	1 1/2	2 3/2	2 3/16	1 5/8	4 3/4	1 3/4	8,7	PHS 80-1DSTB18
19	3020	6,59	6,08	A	1 5/16	3	2 3/16	1 5/8	4 61/64	2	9,7	PHS 80-1DSTB19
20	3020	6,91	6,39	A	1 5/16	3	2 3/16	1 5/8	5 9/32	2	10,0	PHS 80-1DSTB20
21	3020	7,24	6,71	A	1 5/16	3	2 3/16	1 5/8	5 19/32	2	12,0	PHS 80-1DSTB21
22	3020	7,56	7,03	A	1 5/16	3	2 3/16	1 5/8	5 19/32	2	13,0	PHS 80-1DSTB22
23	3020	7,88	7,34	A	1 5/16	3	2 3/16	1 5/8	6 15/64	2	14,5	PHS 80-1DSTB23

* Weight for rim only

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type A Taper Bush





ANSI sprockets

Double Simplex

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

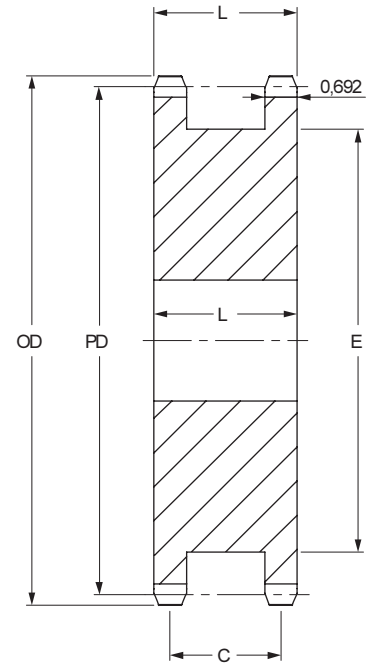
ANSI 100-1 1 1/4" Pitch

Double Simplex Type A

No. Teeth	Diameter		Type	Bore		Dimensions			Weight lbs	Designation
	Outside	Pitch		Min	Max	L	C	E		
13	5,82	5,22	A	1	2 1/2	2 11/16	2	3 25/32	11,2	PHS 100-1DSA13
14	6,23	5,62	A	1 1/4	2 3/4	2 11/16	2	4 3/16	13,5	PHS 100-1DSA14
15	6,63	6,01	A	1 1/4	3 1/16	2 11/16	2	4 19/32	16,8	PHS 100-1DSA15
16	7,03	6,41	A	1 1/4	3 1/4	2 11/16	2	5	19,3	PHS 100-1DSA16
17	7,44	6,80	A	1 1/4	3 5/8	2 11/16	2	5 13/32	21,5	PHS 100-1DSA17
18	7,84	7,20	A	1 1/4	3 3/4	2 11/16	2	5 53/64	23,0	PHS 100-1DSA18
19	8,24	7,59	A	1 1/4	4 3/16	2 11/16	2	6 13/64	25,0	PHS 100-1DSA19
20	8,64	7,99	A	1 1/4	4 3/8	2 11/16	2	6 39/64	26,5	PHS 100-1DSA20
21	9,04	8,39	A	1 1/4	5 1/4	2 11/16	2	7	29,0	PHS 100-1DSA21

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type A



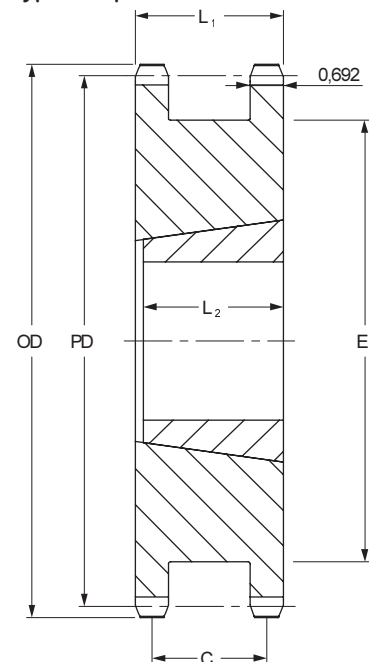
Double Simplex Taper Bushed Type A

No. Teeth	Bushing Size	Diameters		Type	Bore		Dimensions				Weight* lbs	Designation
		Outside	Pitch		Min	Max	L1	C	E	L2		
15	2517	6,63	6,01	A	3/4	2 1/2	2 11/16	2	4 19/32	1 3/4	12,5	PHS 100-1DSTB15
16	2517	7,03	6,41	A	3/4	2 1/2	2 11/16	2	5	1 3/4	13,0	PHS 100-1DSTB16
17	3020	7,44	6,80	A	15/16	3	2 11/16	2	5 13/32	2	14,0	PHS 100-1DSTB17
18	3020	7,84	7,20	A	15/16	3	2 11/16	2	5 53/64	2	16,0	PHS 100-1DSTB18
19	3020	8,24	7,59	A	15/16	3	2 11/16	2	6 13/64	2	20,0	PHS 100-1DSTB19
20	3020	8,64	7,99	A	15/16	3	2 11/16	2	6 39/64	1 3/4	27,5	PHS 100-1DSTB20
21	3020	9,04	8,39	A	15/16	3	2 11/16	2	7	2	27,5	PHS 100-1DSTB21

* Weight for rim only

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type A Taper Bush



ANSI sprockets

Double Simplex



ANSI 120-1 1 1/2" Pitch

Double Simplex Type A

No. Teeth	Diameter		Type	Bore		Dimensions			Weight	Designation
	Outside	Pitch		Min	Max	L	C	E		
	Inch	Inch		Inch	Inch	Inch	Inch	Inch		
15	7,96	7,21	A	1 ⁷ / ₁₆	3 ³ / ₄	3 ¹¹ / ₃₂	2 ⁷ / ₁₆	5 ¹ / ₂	30	PHS 120-1DSA15
16	8,44	7,69	A	1 ⁷ / ₁₆	4	3 ¹¹ / ₃₂	2 ⁷ / ₁₆	6	34	PHS 120-1DSA16
17	8,92	8,16	A	1 ⁷ / ₁₆	4 ⁷ / ₁₆	3 ¹¹ / ₃₂	2 ⁷ / ₁₆	6 ³¹ / ₆₄	37	PHS 120-1DSA17
18	9,41	8,64	A	1 ⁷ / ₁₆	5 ³ / ₁₆	3 ¹¹ / ₃₂	2 ⁷ / ₁₆	6 ³¹ / ₆₄	42	PHS 120-1DSA18
19	9,89	9,11	A	1 ⁷ / ₁₆	5 ¹ / ₂	3 ¹¹ / ₃₂	2 ⁷ / ₁₆	7 ²⁹ / ₆₄	47	PHS 120-1DSA19
20	10,37	9,59	A	1 ⁷ / ₁₆	5 ¹⁵ / ₁₆	3 ¹¹ / ₃₂	2 ⁷ / ₁₆	7 ¹⁵ / ₁₆	51	PHS 120-1DSA20

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

ANSI 140-1 1 3/4" Pitch

Double Simplex Type A

No. Teeth	Diameter		Type	Bore		Dimensions			Weight	Designation
	Outside	Pitch		Min	Max	L	C	E		
	Inch	Inch		Inch	Inch	Inch	Inch	Inch		
14	8,72	7,86	A	1 ⁷ / ₁₆	3 ⁷ / ₈	3 ³⁹ / ₆₄	2 ¹¹ / ₁₆	5 ⁷ / ₈	35	PHS 140-1DSA14
15	9,28	8,42	A	1 ⁷ / ₁₆	4 ⁷ / ₁₆	3 ³⁹ / ₆₄	2 ¹¹ / ₁₆	6 ²⁹ / ₆₄	43	PHS 140-1DSA15
16	9,85	8,97	A	1 ⁷ / ₁₆	5 ¹ / ₄	3 ³⁹ / ₆₄	2 ¹¹ / ₁₆	7 ¹ / ₆₄	49	PHS 140-1DSA16
17	10,41	9,52	A	1 ⁷ / ₁₆	5 ⁷ / ₁₆	3 ³⁹ / ₆₄	2 ¹¹ / ₁₆	7 ³⁷ / ₆₄	58	PHS 140-1DSA17
18	10,98	10,08	A	1 ⁷ / ₁₆	6 ¹ / ₈	3 ³⁹ / ₆₄	2 ¹¹ / ₁₆	8 ⁹ / ₆₄	66	PHS 140-1DSA18

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

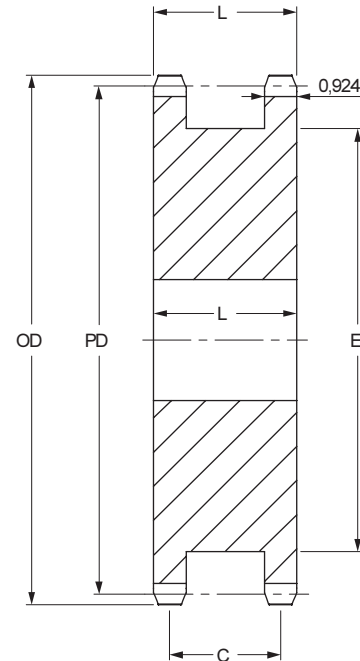
ANSI 160-1 2" Pitch

Double Simplex Type A

No. Teeth	Diameter		Type	Bore		Dimensions			Weight	Designation
	Outside	Pitch		Min	Max	L	C	E		
	Inch	Inch		Inch	Inch	Inch	Inch	Inch		
15	10,61	9,62	A	1 ¹¹ / ₁₆	5 ¹ / ₂	4 ¹ / ₄	3 ³ / ₃₂	7 ³ / ₈	69	PHS 160-1DSA15
16	11,26	10,25	A	1 ¹¹ / ₁₆	6	4 ¹ / ₄	3 ³ / ₃₂	8 ¹ / ₆₄	75	PHS 160-1DSA16
17	11,90	10,88	A	1 ¹¹ / ₁₆	6 ¹ / ₂	4 ¹ / ₄	3 ³ / ₃₂	8 ²¹ / ₃₂	92	PHS 160-1DSA17
18	12,54	11,52	A	1 ¹¹ / ₁₆	6 ³ / ₁₆	4 ¹ / ₄	3 ³ / ₃₂	9 ⁵ / ₁₆	97	PHS 160-1DSA18

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type A



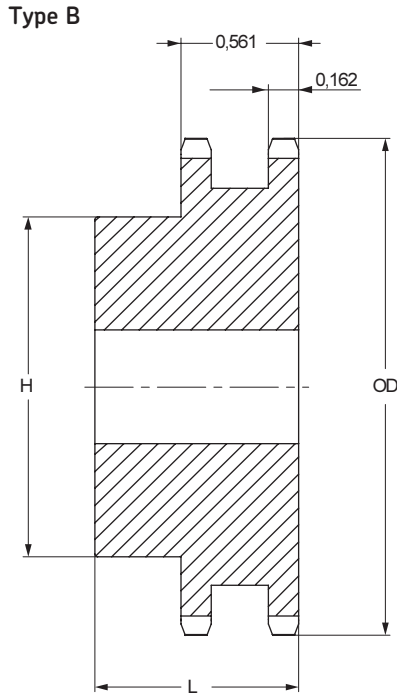


ANSI sprockets

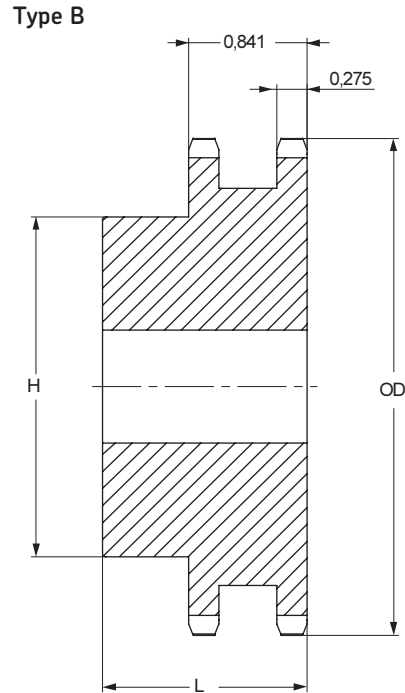
Duplex
Pilot Bore

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

ANSI 35-2 3/8" Pitch



ANSI 40-2 1/2" Pitch



Pilot Bore Type B

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
			Inch	Inch	Inch	Inch		
12	1,63	B	1/2	3/16	63/64	1 1/4	0,32	PHS 35-2B12
13	1,75	B	1/2	11/16	1 7/64	1 1/4	0,36	PHS 35-2B13
14	1,87	B	1/2	7/8	1 1/4	1 1/4	0,44	PHS 35-2B14
15	1,99	B	1/2	15/16	1 23/32	1 3/4	0,56	PHS 35-2B15
16	2,11	B	1/2	15/16	1 15/32	1 3/4	0,64	PHS 35-2B16
17	2,23	B	1/2	11/16	1 23/32	1 3/4	0,74	PHS 35-2B17
18	2,35	B	1/2	13/16	1 23/32	1 3/4	0,84	PHS 35-2B18
19	2,47	B	1/2	15/16	1 7/8	1 3/4	0,96	PHS 35-2B19
20	2,59	B	3/4	15/16	1 15/16	1 3/8	1,08	PHS 35-2B20
21	2,71	B	3/4	1 3/8	2 1/16	1 3/8	1,24	PHS 35-2B21
22	2,83	B	3/4	1 7/16	2 3/16	1 3/8	1,42	PHS 35-2B22
23	2,95	B	3/4	1 1/2	2 1/4	1 3/8	1,54	PHS 35-2B23
24	3,07	B	3/4	1 1/2	2 1/4	1 3/8	1,62	PHS 35-2B24
25	3,19	B	3/4	1 1/2	2 1/4	1 3/8	1,66	PHS 35-2B25
26	3,31	B	3/4	1 3/4	2 1/2	1 3/8	1,98	PHS 35-2B26
30	3,79	B	3/4	1 3/4	2 1/2	1 3/8	2,34	PHS 35-2B30
36	4,51	B	3/4	1 3/4	2 1/2	1 3/8	3,00	PHS 35-2B36
42	5,23	B	3/4	1 3/4	2 1/2	1 3/8	3,80	PHS 35-2B42
48	5,95	B	3/4	1 3/4	2 1/2	1 3/8	4,66	PHS 35-2B48
52	6,43	B	3/4	1 3/4	2 1/2	1 3/8	5,40	PHS 35-2B52
60	7,38	B	3/4	1 3/4	2 1/2	1 3/8	6,84	PHS 35-2B60
68	8,34	B	3/4	2 3/8	3 1/2	1 1/2	10,01	PHS 35-2B68
72	8,81	B	3/4	2 3/8	3 1/2	1 1/2	11,04	PHS 35-2B72
76	9,29	B	3/4	2 3/8	3 1/2	1 1/2	11,94	PHS 35-2B76
84	10,25	B	3/4	2 3/8	3 1/2	1 1/2	14,98	PHS 35-2B84
95	11,56	B	1	2 3/8	3 1/2	1 1/2	17,42	PHS 35-2B95
96	11,68	B	1	2 3/8	3 1/2	1 1/2	18,14	PHS 35-2B96
102	12,40	B	1	2 3/8	3 1/2	1 1/2	19,92	PHS 35-2B102

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required. For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Pilot Bore Type B

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
			Inch	Inch	Inch	Inch		
11	2,00	B	1/2	3/4	1 7/16	1 1/2	0,62	PHS 40-2B11
12	2,17	B	1/2	15/16	1 7/16	1 1/2	0,76	PHS 40-2B12
13	2,33	B	1/2	1	1 1/2	1 1/2	0,86	PHS 40-2B13
14	2,49	B	1/2	1 1/8	1 23/16	1 1/2	1,08	PHS 40-2B14
15	2,65	B	1/2	1 1/4	1 23/16	1 1/2	1,24	PHS 40-2B15
16	2,81	B	5/8	1 3/8	2	1 1/2	1,42	PHS 40-2B16
17	2,98	B	5/8	1 7/16	2 1/8	1 1/2	1,64	PHS 40-2B17
18	3,14	B	5/8	1 1/2	2 3/16	1 1/2	1,92	PHS 40-2B18
19	3,30	B	5/8	1 3/4	2 1/2	1 1/2	2,22	PHS 40-2B19
20	3,46	B	5/8	1 7/8	2 5/8	1 5/8	2,64	PHS 40-2B20
21	3,62	B	5/8	1 7/8	2 3/4	1 5/8	2,94	PHS 40-2B21
22	3,78	B	5/8	1 7/8	2 3/4	1 5/8	3,18	PHS 40-2B22
23	3,94	B	5/8	2	3	1 5/8	3,52	PHS 40-2B23
24	4,10	B	5/8	2 1/4	3 1/4	1 5/8	4,04	PHS 40-2B24
25	4,26	B	5/8	2 1/4	3 1/4	1 5/8	4,26	PHS 40-2B25
26	4,42	B	5/8	2 1/4	3 1/4	1 5/8	4,48	PHS 40-2B26
30	5,06	B	7/8	2 1/4	3 1/4	1 5/8	5,34	PHS 40-2B30
35	5,86	B	7/8	2 1/4	3 1/4	1 5/8	6,80	PHS 40-2B35
36	6,02	B	15/16	2 1/2	3 3/4	1 5/8	7,20	PHS 40-2B36
40	6,65	B	15/16	2 1/2	3 3/4	1 5/8	9,40	PHS 40-2B40
42	6,97	B	15/16	2 1/2	3 3/4	1 3/4	10,20	PHS 40-2B42
45	7,45	B	15/16	2 1/2	3 3/4	1 3/4	11,36	PHS 40-2B45
48	7,93	B	15/16	2 1/2	3 3/4	1 3/4	12,66	PHS 40-2B48
52	8,57	B	15/16	2 1/2	3 3/4	1 3/4	14,46	PHS 40-2B52
54	8,89	B	15/16	2 1/2	3 3/4	1 3/4	15,48	PHS 40-2B54
60	9,84	B	15/16	2 1/2	3 3/4	1 3/4	18,60	PHS 40-2B60
68	11,12	B	1 3/16	2 3/4	4 1/4	2 1/8	24,96	PHS 40-2B68
72	11,75	B	1 3/16	2 3/4	4 1/4	2 1/8	27,88	PHS 40-2B72
76	12,39	B	1 3/16	2 3/4	4 1/4	2 1/8	30,18	PHS 40-2B76
84	13,66	B	1 3/16	2 3/4	4 1/4	2 1/8	36,24	PHS 40-2B84
95	15,41	B	1 3/16	2 3/4	4 1/4	2 1/8	38,84	PHS 40-2B95
96	15,57	B	1 3/16	2 3/4	4 1/4	2 1/8	39,50	PHS 40-2B96
102	16,53	B	1 3/16	2 3/4	4 1/4	2 1/8	42,72	PHS 40-2B102
112	18,12	B	1 3/16	2 3/4	4 1/4	2 1/8	55,54	PHS 40-2B112

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required. For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.



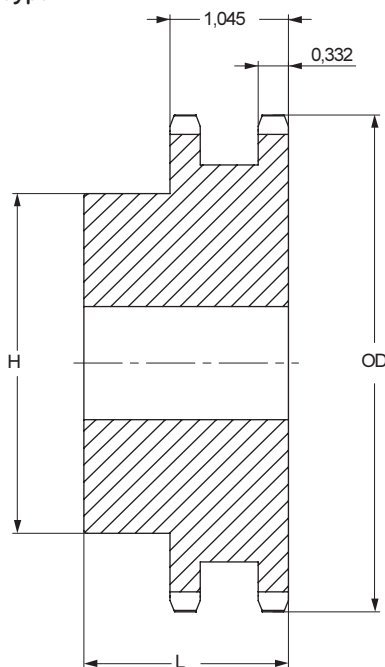
ANSI sprockets



Duplex
Pilot Bore

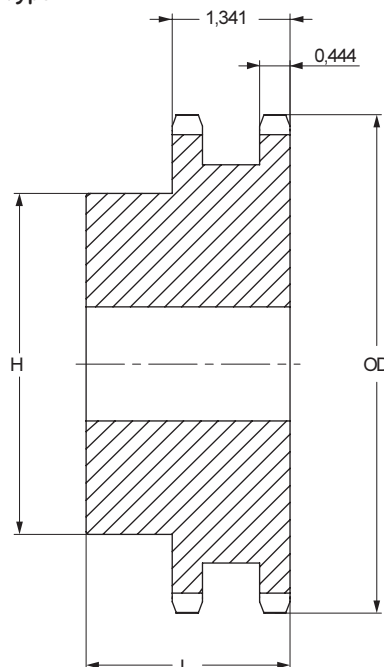
ANSI 50-2 5/8" Pitch

Type B

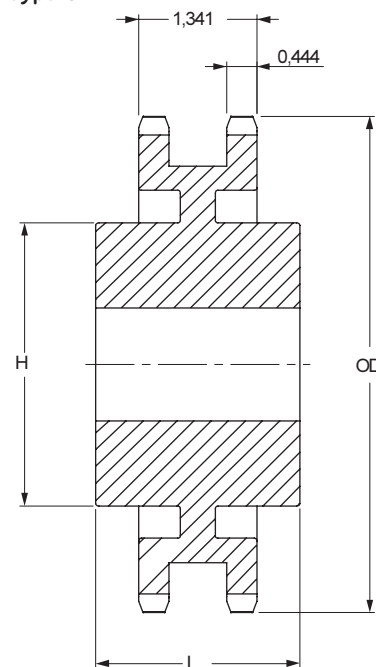


ANSI 60-2 3/4" Pitch

Type B



Type C



Pilot Bore Type B

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
			Inch	Inch	Inch	Inch		
11	2,50	B	5/8	1 1/16	1 15/32	1 3/4	0,96	PHS 50-2B11
12	2,71	B	5/8	1 1/8	1 11/16	1 3/4	1,25	PHS 50-2B12
13	2,91	B	5/8	1 5/16	1 7/8	1 3/4	1,56	PHS 50-2B13
14	3,11	B	5/8	1 3/8	2 1/16	1 3/4	1,86	PHS 50-2B14
15	3,32	B	3/4	1 1/2	2 5/16	1 3/4	2,22	PHS 50-2B15
16	3,52	B	3/4	1 3/4	2 1/2	1 3/4	2,62	PHS 50-2B16
17	3,72	B	3/4	1 7/8	2 11/16	1 3/4	3,04	PHS 50-2B17
18	3,92	B	3/4	1 15/16	2 15/16	1 3/4	3,58	PHS 50-2B18
19	4,12	B	1	2 1/8	3 3/8	1 3/4	3,90	PHS 50-2B19
20	4,32	B	1	2 1/4	3 1/4	1 3/4	4,26	PHS 50-2B20
21	4,52	B	1	2 3/8	3 1/2	1 3/4	4,90	PHS 50-2B21
22	4,72	B	1	2 3/8	3 9/16	1 7/8	5,58	PHS 50-2B22
23	4,92	B	1	2 1/2	3 5/8	1 7/8	6,10	PHS 50-2B23
24	5,12	B	1	2 1/2	3 3/8	1 7/8	6,50	PHS 50-2B24
25	5,32	B	1	2 1/2	3 5/8	1 7/8	6,94	PHS 50-2B25
26	5,52	B	1	2 1/2	3 3/4	1 7/8	7,54	PHS 50-2B26
30	6,32	B	1	2 1/2	3 3/4	1 7/8	9,40	PHS 50-2B30
32	6,72	B	1	2 3/4	3 3/4	1 7/8	10,46	PHS 50-2B32
35	7,32	B	1	2 1/2	3 3/4	1 7/8	12,28	PHS 50-2B35
36	7,52	B	1 3/16	2 3/4	4	2 1/8	13,94	PHS 50-2B36
40	8,32	B	1 3/16	2 3/4	4	2 1/8	16,54	PHS 50-2B40
42	8,72	B	1 3/16	2 3/4	4	2 3/8	17,92	PHS 50-2B42
45	9,31	B	1 3/16	2 3/4	4	2 3/8	20,30	PHS 50-2B45
48	9,91	B	1 3/16	2 3/4	4 1/4	2 3/8	24,08	PHS 50-2B48
52	10,71	B	1 3/16	2 3/4	4 1/4	2 3/8	27,42	PHS 50-2B52
54	11,11	B	1 3/16	2 3/4	4 1/4	2 3/8	29,16	PHS 50-2B54
60	12,30	B	1 3/16	3	4 1/2	2 3/8	35,88	PHS 50-2B60
68	13,89	B	1 3/16	3	4 1/2	2 3/8	44,98	PHS 50-2B68
72	14,69	B	1 3/16	3	4 1/2	2 3/8	50,22	PHS 50-2B72
76	15,49	B	1 3/16	3	4 1/2	2 3/8	55,64	PHS 50-2B76
84	17,08	B	1 5/16	3	4 1/2	2 3/8	51,64	PHS 50-2B84
95	19,27	B	1 5/16	3	4 1/2	2 3/8	64,32	PHS 50-2B95
96	19,47	B	1 5/16	3	4 1/2	2 3/8	67,42	PHS 50-2B96
102	20,66	B	1 5/16	3	4 1/2	2 3/8	72,68	PHS 50-2B102
112	22,65	B	1 5/16	3 1/16	5 1/4	2 3/8	90,22	PHS 50-2B112

Pilot Bore Type B/C

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
			Inch	Inch	Inch	Inch		
11	3,00	B	1	1 1/4	1 13/16	2 1/8	1,62	PHS 60-2B11
12	3,25	B	1	1 1/4	2 1/8	2 1/8	2,20	PHS 60-2B12
13	3,49	B	1	1 1/2	2 1/4	2 1/8	2,60	PHS 60-2B13
14	3,74	B	1	1 1/4	2 3/2	2 1/8	3,24	PHS 60-2B14
15	3,98	B	1	1 1/8	2 13/16	2 1/8	3,96	PHS 60-2B15
16	4,22	B	1	2	3	2 1/8	4,62	PHS 60-2B16
17	4,46	B	1	2 1/4	3 1/4	2 1/8	5,40	PHS 60-2B17
18	4,70	B	1	2 3/8	3 1/2	2 1/8	6,24	PHS 60-2B18
19	4,95	B	1	2 1/2	3 13/16	2 1/8	7,00	PHS 60-2B19
20	5,19	B	1	2 1/2	3 3/4	2 1/8	7,72	PHS 60-2B20
21	5,43	B	1	2 3/4	4 1/8	2 1/8	8,82	PHS 60-2B21
22	5,67	B	1	2 3/4	4 1/4	2 1/8	9,68	PHS 60-2B22
23	5,91	B	1	2 3/4	4 1/4	2 1/8	10,30	PHS 60-2B23
24	6,15	B	1	2 3/4	4 1/4	2 1/8	11,14	PHS 60-2B24
25	6,39	B	1	2 3/4	4 1/4	2 1/8	11,96	PHS 60-2B25
26	6,63	B	1	2 3/4	4 1/4	2 1/8	12,70	PHS 60-2B26
30	7,59	B	1	2 3/4	4 1/4	2 1/8	16,36	PHS 60-2B30
32	8,07	B	1 1/4	3	4 1/2	2 3/8	19,52	PHS 60-2B32
35	8,78	B	1 1/4	3	4 1/2	2 3/8	22,80	PHS 60-2B35
36	9,02	B	1 1/4	3	4 3/2	2 3/8	23,82	PHS 60-2B36
40	9,98	B	1 1/4	3 1/4	4 3/4	2 3/8	30,84	PHS 60-2B40
42	10,46	B	1 1/4	3 1/4	4 3/4	2 3/8	33,08	PHS 60-2B42
45	11,18	B	1 1/4	3 1/4	4 3/4	2 3/8	37,08	PHS 60-2B45
52	12,85	B	1 1/4	3 1/4	4 3/4	2 3/8	48,70	PHS 60-2B52
60	14,76	B	1 1/4	3 1/4	4 3/4	2 3/8	63,10	PHS 60-2B60
68	16,67	C	1 1/4	3 1/16	5	3	53,68	PHS 60-2C68
72	17,63	C	1 1/4	3 1/16	5	3	53,74	PHS 60-2C72
76	18,58	C	1 1/4	3 1/16	5	3	60,28	PHS 60-2C76
95	23,12	C	1 1/4	3 1/4	5 1/2	3 1/2	87,14	PHS 60-2C95

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required. For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required. For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8



ANSI sprockets

Duplex
Pilot Bore

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

ANSI 80-2 1" Pitch

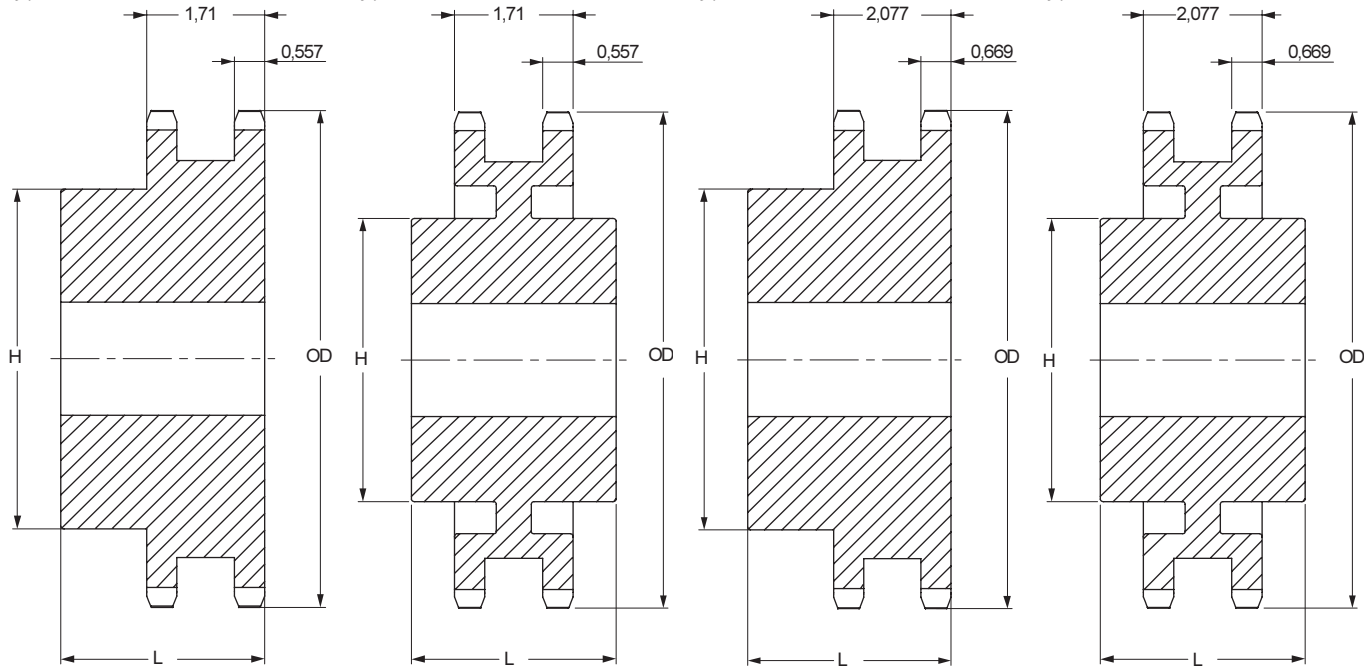
ANSI 100-2 1 1/4" Pitch

Type B

Type C

Type B

Type C



Pilot Bore Type B/C

Pilot Bore Type B/C

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight lbs	Designation
			Min	Max	H	L		
			Inch	Inch	Inch	Inch		
10	3,68	B	1	1 1/2	2 3/16	2 3/4	3,60	PHS 80-2B10
11	4,01	B	1	1 3/4	2 1/2	2 1/2	4,00	PHS 80-2B11
12	4,33	B	1	1 7/8	2 27/32	2 1/2	5,10	PHS 80-2B12
13	4,66	B	1	2 1/4	3 3/32	2 3/2	6,30	PHS 80-2B13
14	4,98	B	1	2 3/8	3 15/32	2 1/2	7,60	PHS 80-2B14
15	5,30	B	1	2 1/2	3 51/64	2 1/2	9,00	PHS 80-2B15
16	5,63	B	1	2 3/4	4	2 3/4	11,00	PHS 80-2B16
17	5,95	B	1	3	4 27/64	2 3/4	13,20	PHS 80-2B17
18	6,27	B	1	3 1/4	4 47/64	2 3/4	15,00	PHS 80-2B18
19	6,59	B	1	3 5/16	5	2 3/4	17,00	PHS 80-2B19
20	6,91	B	1	3 7/16	5	2 3/4	18,20	PHS 80-2B20
21	7,24	B	1	3 5/16	5	2 3/4	19,60	PHS 80-2B21
22	7,56	B	1	3 7/16	5	2 3/4	21,00	PHS 80-2B22
23	7,88	B	1	3 5/16	5	2 3/4	22,80	PHS 80-2B23
24	8,20	B	1	3 1/2	5 1/4	2 3/4	25,10	PHS 80-2B24
25	8,52	B	1	3 1/2	5 3/4	3	28,30	PHS 80-2B25
26	8,84	B	1	3 1/2	5 1/4	3	29,90	PHS 80-2B26
30	10,11	B	1	3 3/4	5 3/4	3	39,50	PHS 80-2B30
32	10,75	B	1	3 3/4	5 3/4	3	43,80	PHS 80-2B32
35	11,71	B	1	3 3/4	5 3/4	3	49,10	PHS 80-2B35
36	12,03	B	1	3 3/4	5 3/4	3 1/8	54,20	PHS 80-2B36
42	13,94	B	1	3 3/4	5 3/4	3 3/8	71,50	PHS 80-2B42
45	14,90	B	1	3 3/4	5 3/4	3 1/8	73,50	PHS 80-2B45
52	17,13	C	1	3 3/4	5 3/4	3 3/4	78,40	PHS 80-2C52
60	19,68	C	1	3 3/4	5 3/4	3 3/4	93,30	PHS 80-2C60
68	22,23	C	1	3 3/4	5 3/4	6	96,20	PHS 80-2C68
76	24,78	C	1	3 3/4	5 3/4	6	113,00	PHS 80-2C76
95	30,83	C	1	3 3/4	6	4 1/4	165,00	PHS 80-2C95

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight lbs	Designation
			Min	Max	H	L		
			Inch	Inch	Inch	Inch		
9	4,18	B	1	1 5/8	2 3/8	2 7/8	4,60	PHS 100-2B9
10	4,60	B	1	1 7/8	2 3/4	2 7/8	6,20	PHS 100-2B10
11	5,01	B	1	2 1/8	3 3/8	2 7/8	7,90	PHS 100-2B11
12	5,42	B	1	2 1/4	3 3/8	2 7/8	9,30	PHS 100-2B12
13	5,82	B	1	2 1/2	3 13/16	2 7/8	11,40	PHS 100-2B13
14	6,23	B	1	2 3/4	4 47/64	2 7/8	13,60	PHS 100-2B14
15	6,63	B	1	2 3/4	4 5/8	3 1/8	17,10	PHS 100-2B15
16	7,03	B	1	3 1/8	5 3/16	3 1/8	20,10	PHS 100-2B16
17	7,44	B	1	3 1/2	5 1/4	3 1/8	23,10	PHS 100-2B17
18	7,84	B	1	3 1/2	5 1/4	3 1/8	25,40	PHS 100-2B18
19	8,24	B	1	3 3/4	5 1/2	3 3/8	29,60	PHS 100-2B19
20	8,64	B	1	3 3/4	5 1/2	3 3/8	32,40	PHS 100-2B20
21	9,04	B	1	3 3/4	5 1/2	3 3/8	35,30	PHS 100-2B21
22	9,44	B	1	3 3/4	5 1/2	3 3/8	38,40	PHS 100-2B22
23	9,84	B	1	3 3/4	5 1/2	3 3/8	41,30	PHS 100-2B23
24	10,25	B	1	3 3/4	5 1/2	3 3/8	45,10	PHS 100-2B24
25	10,65	B	1	3 3/4	5 3/4	3 3/8	48,50	PHS 100-2B25
26	11,05	B	1	3 3/4	5 3/4	3 3/8	51,50	PHS 100-2B26
30	12,64	B	1	3 3/4	5 3/4	3 3/8	65,00	PHS 100-2B30
35	14,64	C	1	3 3/4	6	4 1/4	75,00	PHS 100-2C35
45	18,63	C	1	3 3/4	6	4 1/2	103,00	PHS 100-2C45
60	24,60	C	1	3 3/4	7 1/2	5	175,00	PHS 100-2C60
70	28,58	C	1	3 3/4	7 1/2	5	197,00	PHS 100-2C70
80	32,57	C	1	3 3/4	7 1/2	5	231,00	PHS 100-2C80

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required. For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required. For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

ANSI sprockets

Duplex
Pilot Bore



ANSI 120-2 1 1/2" Pitch

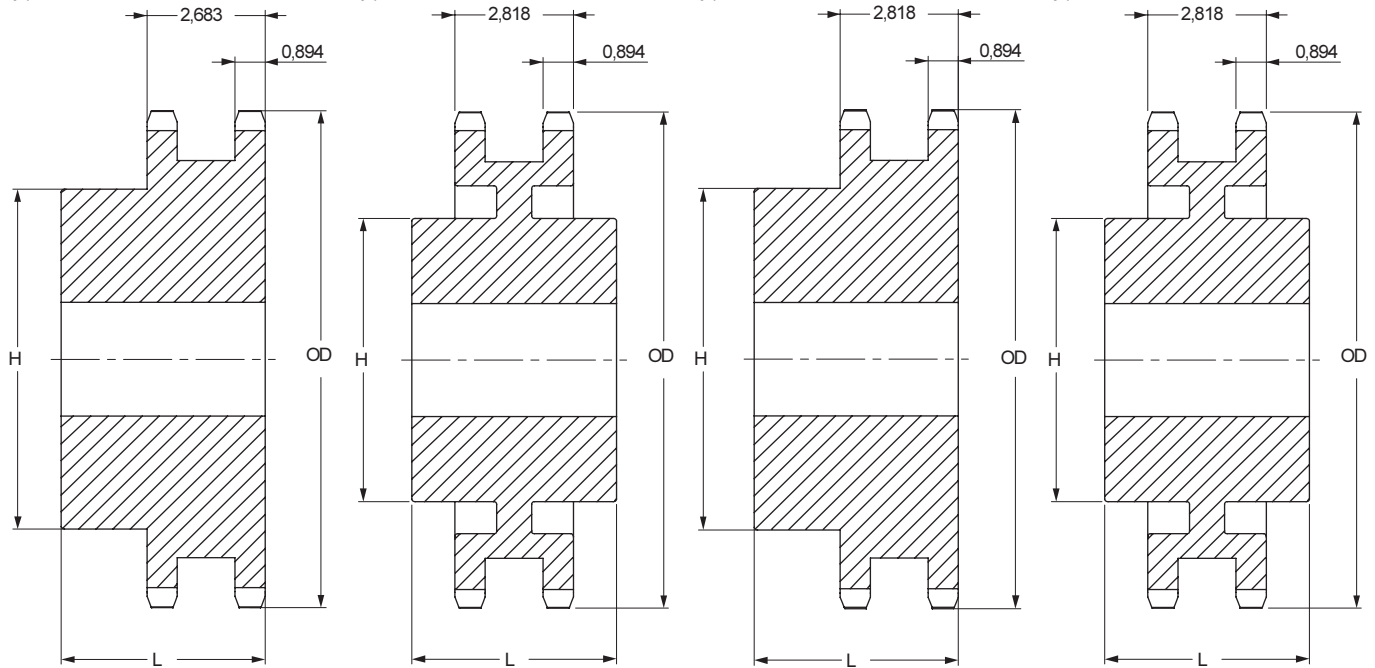
ANSI 140-2 1 3/4" Pitch

Type B

Type C

Type B

Type C



Pilot Bore Type B/C

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight lbs	Designation
			Min	Max	H	L		
			Inch	Inch	Inch	Inch		
11	6,01	B	1 1/2	2 3/8	3 3/16	3 3/4	13,60	PHS 120-2B11
12	6,50	B	1 1/2	2 3/4	4 1/16	3 3/4	17,30	PHS 120-2B12
13	6,99	B	1 1/2	3	4 1/2	3 3/4	21,10	PHS 120-2B13
14	7,47	B	1 1/2	3 5/16	5	3 3/4	25,60	PHS 120-2B14
15	7,96	B	1 1/2	3 1/2	5 1/4	3 3/4	29,90	PHS 120-2B15
16	8,44	B	1 1/2	3 3/2	5 3/4	3 3/4	33,80	PHS 120-2B16
17	8,92	B	1 1/2	3 1/2	5 1/4	3 3/4	36,90	PHS 120-2B17
18	9,41	B	1 1/2	3 3/2	5 3/4	3 3/4	41,90	PHS 120-2B18
19	9,89	B	1 1/2	3 1/2	5 3/4	3 3/4	46,50	PHS 120-2B19
20	10,37	B	1 1/2	3 1/2	5 1/2	3 3/4	50,20	PHS 120-2B20
21	10,85	B	1 1/2	3 1/2	5 1/2	3 3/4	55,60	PHS 120-2B21
22	11,33	B	1 1/2	3 3/16	5 3/4	4	64,00	PHS 120-2B22
23	11,81	B	1 1/2	4 1/2	6 1/2	4	75,00	PHS 120-2B23
24	12,29	B	1 1/2	4 3/2	6 3/2	4	79,00	PHS 120-2B24
25	12,77	B	1 1/2	4 1/2	6 1/2	4	84,00	PHS 120-2B25
26	13,25	B	1 1/2	4 3/2	6 1/2	4	90,00	PHS 120-2B26
30	15,17	B	1 1/2	4 1/2	6 1/2	4	119,00	PHS 120-2B30
35	17,57	C	1 1/2	5 3/8	7 1/2	6	148,00	PHS 120-2C35
45	22,35	C	1 1/2	5 3/8	7 1/2	6	188,00	PHS 120-2C45
60	29,52	C	1 1/2	6 3/8	9 1/2	6 1/4	307,00	PHS 120-2C60

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required. For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Pilot Bore Type B/C

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight lbs	Designation
			Min	Max	H	L		
			Inch	Inch	Inch	Inch		
13	8,15	B	1 5/8	3 7/16	5	3 3/4	29,00	PHS 140-2B13
14	8,72	B	1 5/8	3 3/4	5 1/2	3 3/4	34,80	PHS 140-2B14
15	9,28	B	1 5/8	4 1/2	6 1/2	3 3/4	42,50	PHS 140-2B15
16	9,85	B	1 5/8	5 1/4	7	4	48,10	PHS 140-2B16
17	10,41	B	1 5/8	5 1/4	7	4	57,50	PHS 140-2B17
18	10,98	B	1 3/4	5 1/4	7	4	65,60	PHS 140-2B18
19	11,54	B	1 3/4	5 1/4	7	4	72,00	PHS 140-2B19
20	12,10	B	1 3/4	5 1/4	7	4	76,00	PHS 140-2B20
21	12,66	B	1 3/4	5 1/4	7	4	82,00	PHS 140-2B21
22	13,22	B	1 3/4	5 1/4	7	4	94,00	PHS 140-2B22
23	13,78	B	1 3/4	5 1/4	7	4	100,00	PHS 140-2B23
24	14,34	B	1 3/4	5 1/4	7	4	104,00	PHS 140-2B24
25	14,90	B	1 3/4	5 1/4	7	4	120,00	PHS 140-2B25
26	15,46	B	1 3/4	5 1/4	7	4	128,00	PHS 140-2B26
35	20,49	C	1 1/2	5 3/8	7 1/2	6	180,00	PHS 140-2C35
45	26,08	C	1 1/2	5 3/8	7 1/2	6	232,00	PHS 140-2C45
60	34,44	C	1 1/2	6 3/8	9 1/2	6 1/4	372,00	PHS 140-2C60

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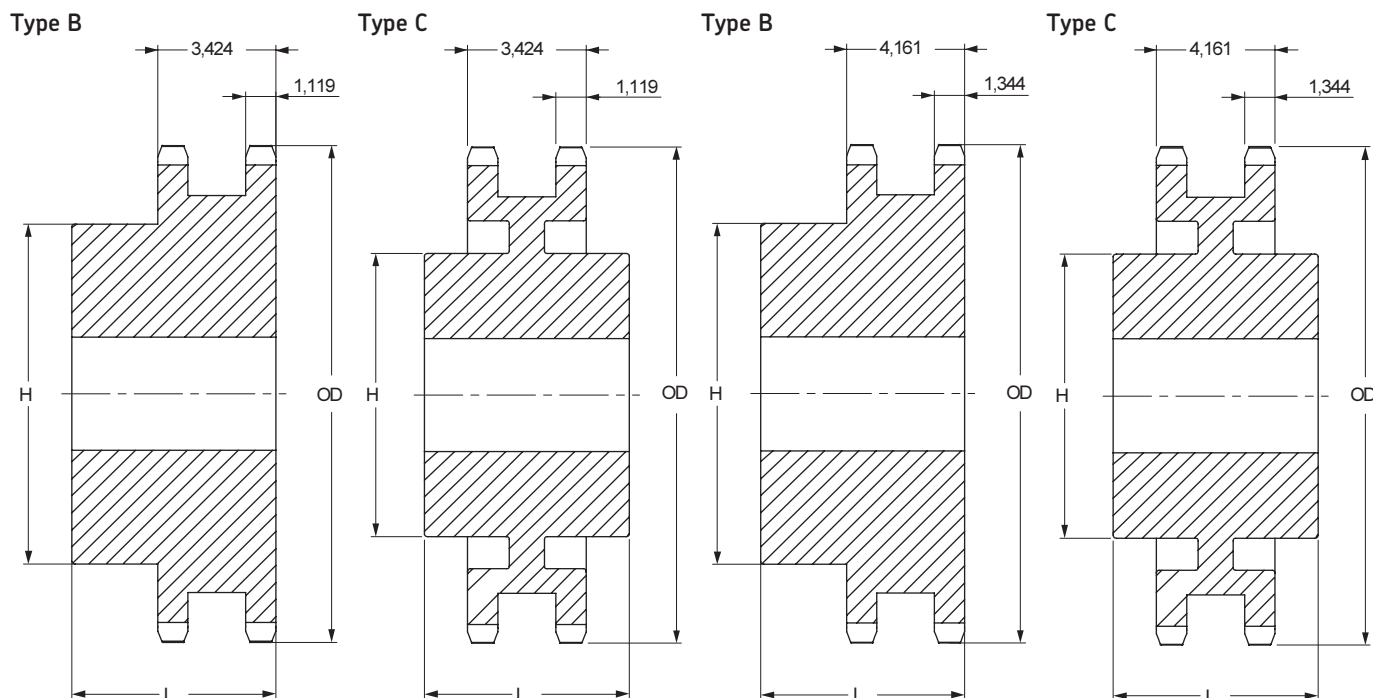
ANSI sprockets

Duplex
Pilot Bore

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

ANSI 160-2 2" Pitch

ANSI 200-2 2 1/2" Pitch



Pilot Bore Type B/C

Pilot Bore Type B/C

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
			Inch	Inch	Inch	Inch		
13	9,31	B	2	4	6	4 3/4	48,00	PHS 160-2B13
14	9,96	B	2	4 3/4	6 3/4	4 3/4	58,00	PHS 160-2B14
15	10,61	B	2	5 1/4	7	4 3/4	68,00	PHS 160-2B15
16	11,26	B	2	5 3/4	7	4 3/4	75,00	PHS 160-2B16
17	11,90	B	2	5 3/4	7	4 3/4	91,00	PHS 160-2B17
18	12,54	B	2	5 3/4	7	4 3/4	96,00	PHS 160-2B18
19	13,19	B	2	5 3/4	7	4 3/4	107,00	PHS 160-2B19
20	13,83	B	2	5 3/4	7	4 3/4	119,00	PHS 160-2B20
21	14,47	B	2	5 3/8	7 1/2	4 3/4	130,00	PHS 160-2B21
22	15,11	B	2	5 3/8	7 1/2	4 3/4	141,00	PHS 160-2B22
23	15,75	B	2	5 3/8	7 1/2	4 3/4	157,00	PHS 160-2B23
24	16,39	B	2	5 3/8	7 1/2	4 3/4	171,00	PHS 160-2B24
25	17,03	B	2	5 3/8	7 1/2	4 3/4	187,00	PHS 160-2B25
26	17,67	B	2	5 3/8	7 1/2	4 3/4	201,00	PHS 160-2B26
35	23,42	C	1 1/2	6 3/4	9 1/2	6 5/8	306,00	PHS 160-2C35
45	29,80	C	1 1/2	7	10	7 1/8	431,00	PHS 160-2C45
60	39,36	C	1 1/2	7	10	7 1/8	564,00	PHS 160-2C60

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
			Inch	Inch	Inch	Inch		
11	10,02	B	2	3 3/4	5 1/2	5 7/8	57,00	PHS 200-2B11
12	10,83	B	2	4 1/2	6 1/2	6 1/4	80,00	PHS 200-2B12
13	11,64	B	2	5 1/4	7	6 3/8	96,00	PHS 200-2B13
14	12,46	B	2	5 1/2	8	6 3/8	119,00	PHS 200-2B14
15	13,26	B	2	5 3/4	8 1/2	6 3/8	138,00	PHS 200-2B15
16	14,07	B	2	5 3/4	8 1/2	6 5/8	161,00	PHS 200-2B16
17	14,87	B	2	5 3/4	8 1/2	6 5/8	178,00	PHS 200-2B17
18	15,68	B	2	5 3/4	8 1/2	6 5/8	196,00	PHS 200-2B18
19	16,48	B	2	5 3/4	8 1/2	6 5/8	217,00	PHS 200-2B19
20	17,29	B	2	5 3/4	8 1/2	6 5/8	236,00	PHS 200-2B20
21	18,09	B	2	5 3/4	8 1/2	6 5/8	250,00	PHS 200-2B21
22	18,89	B	2	5 3/4	8 1/2	6 5/8	284,00	PHS 200-2B22
23	19,69	B	2	5 3/4	8 1/2	6 5/8	308,00	PHS 200-2B23
24	20,49	B	2	5 3/4	8 1/2	6 5/8	330,00	PHS 200-2B24
25	21,29	B	2	5 3/4	8 1/2	6 5/8	358,00	PHS 200-2B25
26	22,09	B	2	5 3/4	8 1/2	6 5/8	386,00	PHS 200-2B26
45	37,25	C	1 1/2	7	10	8 1/2	665,00	PHS 200-2C45
60	49,20	C	1 1/2	7	10	9	972,00	PHS 200-2C60

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required. For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required. For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.



ANSI sprockets



Duplex
Taper Bushed

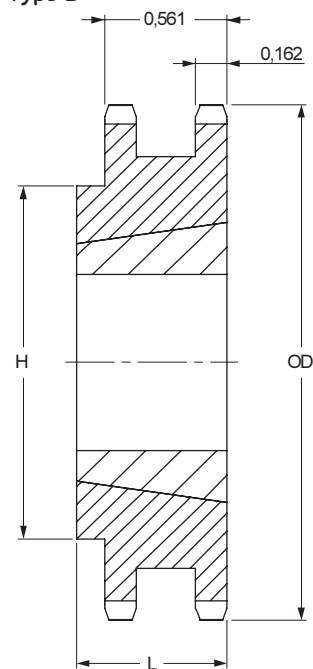
ANSI 35-2 3/8" Pitch

Taper Bushed Type B

No. Teeth	Diameter		Type	Bushing Number	Bore		Dimensions		Weight		Designation
	Outside	Pitch			Min	Max	L	H	Rim	Bushing	
19	2,47	2,28	B	1008	$\frac{3}{8}$	1	$\frac{7}{8}$	1 $\frac{53}{64}$	0,6	0,3	PHS 35-2TB19
20	2,59	2,40	B	1008	$\frac{3}{8}$	1	$\frac{7}{8}$	1 $\frac{15}{16}$	0,8	0,3	PHS 35-2TB20
21	2,71	2,52	B	1008	$\frac{3}{8}$	1	$\frac{7}{8}$	2 $\frac{1}{16}$	1,4	0,3	PHS 35-2TB21
22	2,83	2,63	B	1008	$\frac{3}{8}$	1	$\frac{7}{8}$	2 $\frac{3}{16}$	1,7	0,3	PHS 35-2TB22
23	3,07	2,87	B	1210	$\frac{5}{8}$	1 $\frac{1}{4}$	1	2 $\frac{7}{16}$	1,8	0,6	PHS 35-2TB24
26	3,31	3,11	B	1210	$\frac{5}{8}$	1 $\frac{1}{4}$	1	2 $\frac{5}{8}$	2,0	0,6	PHS 35-2TB26
30	3,79	3,59	B	1610	$\frac{1}{2}$	1 $\frac{5}{8}$	1	3 $\frac{1}{8}$	1,8	0,9	PHS 35-2TB30
32	4,03	3,83	B	1610	$\frac{1}{2}$	1 $\frac{5}{8}$	1	3 $\frac{1}{4}$	2,0	0,9	PHS 35-2TB32
35	4,39	4,18	B	1610	$\frac{1}{2}$	1 $\frac{5}{8}$	1	3 $\frac{1}{4}$	2,3	0,9	PHS 35-2TB35
40	4,99	4,78	B	1610	$\frac{1}{2}$	1 $\frac{5}{8}$	1	3 $\frac{1}{4}$	2,9	0,9	PHS 35-2TB40
45	5,59	5,38	B	1610	$\frac{1}{2}$	1 $\frac{5}{8}$	1	3 $\frac{1}{4}$	3,2	0,9	PHS 35-2TB45
48	5,95	5,73	B	1610	$\frac{1}{2}$	1 $\frac{5}{8}$	1	3 $\frac{5}{8}$	3,5	0,9	PHS 35-2TB48
54	6,66	6,45	B	1610	$\frac{1}{2}$	1 $\frac{5}{8}$	1	3 $\frac{5}{8}$	3,9	0,9	PHS 35-2TB54
60	7,38	7,17	B	1610	$\frac{1}{2}$	1 $\frac{5}{8}$	1	3 $\frac{5}{8}$	4,9	0,9	PHS 35-2TB60
70	8,57	8,36	B	1610	$\frac{1}{2}$	1 $\frac{5}{8}$	1	3 $\frac{5}{8}$	6,3	0,9	PHS 35-2TB70
80	9,77	9,55	B	1610	$\frac{1}{2}$	1 $\frac{5}{8}$	1	3 $\frac{5}{8}$	7,9	0,9	PHS 35-2TB80
96	11,68	11,46	B	1610	$\frac{1}{2}$	1 $\frac{5}{8}$	1	3 $\frac{5}{8}$	9,9	0,9	PHS 35-2TB96
112	13,59	13,37	B	1610	$\frac{1}{2}$	1 $\frac{5}{8}$	1	3 $\frac{5}{8}$	10,9	0,9	PHS 35-2TB112

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type B





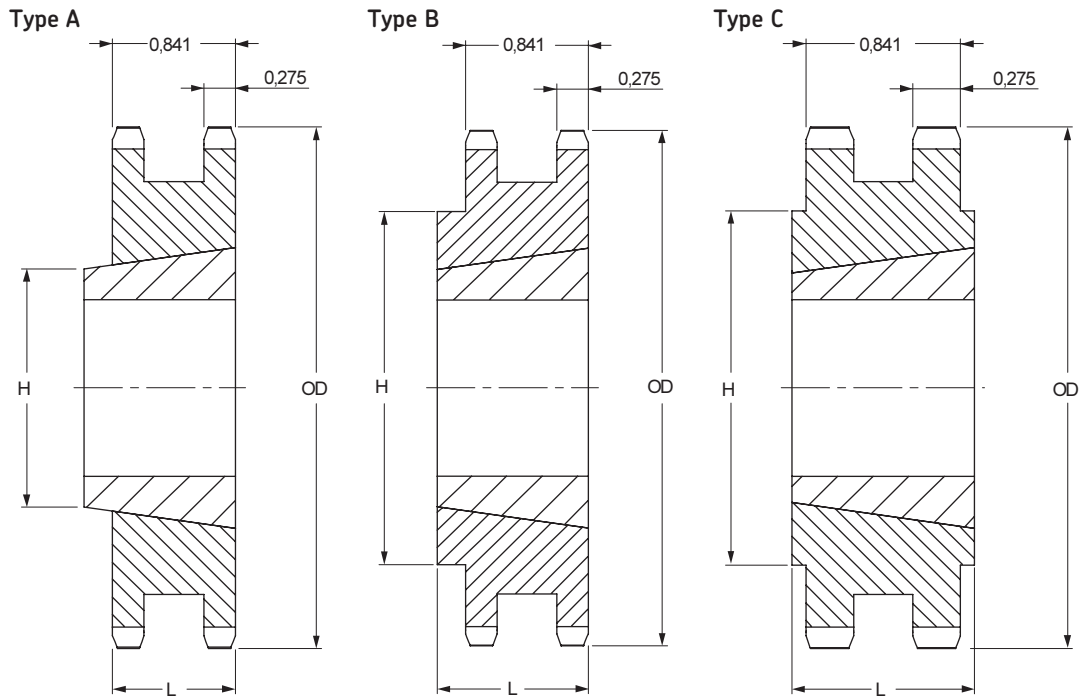
ANSI sprockets

Duplex

Taper Bushed

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

ANSI 40-2 1/2" Pitch



Taper Bushed Type A/B/C

No. Teeth	Diameter		Type	Bushing Number	Bore		Dimensions		Weight		Designation
	Outside	Pitch			Min	Max	L	H	Rim	Bushing	
	Inch	Inch			Inch	Inch	Inch	Inch	lbs	lbs	
15	2,65	2,40	A	1008	$\frac{3}{8}$	1	$\frac{7}{8}$	1 $\frac{17}{64}$	0,5	0,3	PHS 40-2TB15
16	2,81	2,56	A	1008	$\frac{3}{8}$	1	$\frac{7}{8}$	1 $\frac{17}{64}$	0,6	0,3	PHS 40-2TB16
17	2,98	2,72	A	1008	$\frac{3}{8}$	1	$\frac{7}{8}$	1 $\frac{17}{64}$	0,7	0,3	PHS 40-2TB17
18	3,13	2,88	B	1210	$\frac{5}{8}$	1 $\frac{1}{4}$	1	2 $\frac{3}{16}$	0,7	0,6	PHS 40-2TB18
19	3,30	3,04	B	1210	$\frac{5}{8}$	1 $\frac{1}{4}$	1	2 $\frac{3}{16}$	0,9	0,6	PHS 40-2TB19
20	3,46	3,20	B	1610	$\frac{1}{2}$	1 $\frac{5}{8}$	1	2 $\frac{5}{8}$	0,9	0,9	PHS 40-2TB20
21	3,62	3,36	B	1610	$\frac{1}{2}$	1 $\frac{5}{8}$	1	2 $\frac{3}{4}$	1,0	0,9	PHS 40-2TB21
23	3,94	3,67	B	1610	$\frac{1}{2}$	1 $\frac{5}{8}$	1	3	1,3	0,9	PHS 40-2TB23
25	4,26	3,99	B	2012	$\frac{3}{4}$	2	1 $\frac{1}{4}$	3 $\frac{13}{32}$	1,6	1,7	PHS 40-2TB25
30	5,06	4,78	B	2012	$\frac{3}{4}$	2	1 $\frac{1}{4}$	4 $\frac{15}{64}$	3,4	1,7	PHS 40-2TB30
36	6,01	5,74	B	2012	$\frac{3}{4}$	2	1 $\frac{1}{4}$	5 $\frac{5}{32}$	5,9	1,7	PHS 40-2TB36
42	6,97	6,69	C	2517	$\frac{3}{4}$	2 $\frac{1}{2}$	1 $\frac{3}{4}$	4 $\frac{1}{4}$	7,0	3,5	PHS 40-2TB42
48	7,93	7,64	C	2517	$\frac{3}{4}$	2 $\frac{1}{2}$	1 $\frac{3}{4}$	4 $\frac{1}{4}$	9,6	3,5	PHS 40-2TB48
52	8,57	8,28	C	2517	$\frac{3}{4}$	2 $\frac{1}{2}$	1 $\frac{3}{4}$	4 $\frac{1}{4}$	11,4	3,5	PHS 40-2TB52
60	9,84	9,55	C	2517	$\frac{3}{4}$	2 $\frac{1}{2}$	1 $\frac{3}{4}$	4 $\frac{1}{4}$	15,4	3,5	PHS 40-2TB60
68	11,12	10,83	C	2517	$\frac{3}{4}$	2 $\frac{1}{2}$	1 $\frac{3}{4}$	4 $\frac{1}{4}$	20,5	3,5	PHS 40-2TB68
76	12,39	12,10	C	2517	$\frac{3}{4}$	2 $\frac{1}{2}$	1 $\frac{3}{4}$	4 $\frac{1}{4}$	25,7	3,5	PHS 40-2TB76
84	13,66	13,37	C	2517	$\frac{3}{4}$	2 $\frac{1}{2}$	1 $\frac{3}{4}$	4 $\frac{1}{4}$	31,6	3,5	PHS 40-2TB84
95	15,41	15,12	C	2517	$\frac{3}{4}$	2 $\frac{1}{2}$	1 $\frac{3}{4}$	4 $\frac{1}{4}$	34,1	3,5	PHS 40-2TB95
102	16,53	16,24	C	2517	$\frac{3}{4}$	2 $\frac{1}{2}$	1 $\frac{3}{4}$	4 $\frac{1}{4}$	36,8	3,5	PHS 40-2TB102

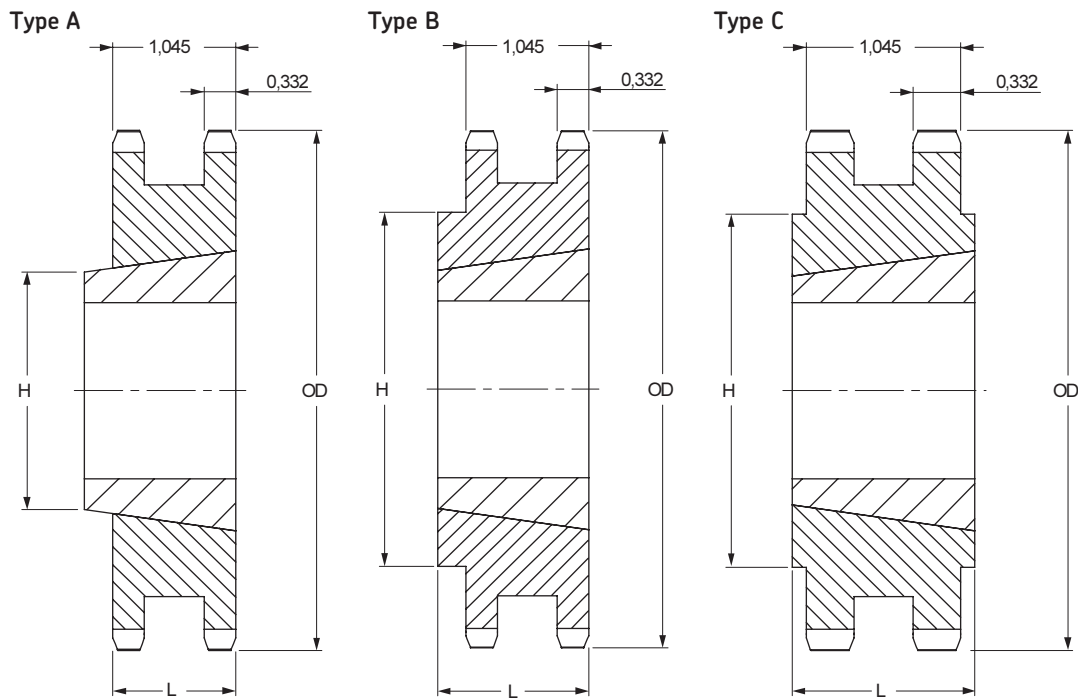
For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

ANSI sprockets

Duplex
Taper Bushed



ANSI 50-2 5/8" Pitch



Taper Bushed Type A/B/C

No. Teeth	Diameter		Type	Bushing Number	Bore		Dimensions		Weight		Designation
	Outside	Pitch			Min	Max	L	H	Rim	Bushing	
	Inch	Inch			Inch	Inch	Inch	Inch	lbs	lbs	
14	3,11	2,81	A	1008	$\frac{3}{8}$	1	$\frac{7}{8}$	—	0,8	0,3	PHS 50-2TB14
15	3,31	3,01	A	1210	$\frac{5}{8}$	$1 \frac{1}{4}$	1	—	0,9	0,6	PHS 50-2TB15
16	3,52	3,20	A	1210	$\frac{5}{8}$	$1 \frac{1}{4}$	1	—	1,1	0,6	PHS 50-2TB16
17	3,72	3,41	A	1610	$\frac{1}{2}$	$1 \frac{5}{8}$	1	—	1,1	0,6	PHS 50-2TB17
18	3,92	3,60	A	1610	$\frac{1}{2}$	$1 \frac{5}{8}$	1	—	1,3	0,9	PHS 50-2TB18
19	4,12	3,80	A	1610	$\frac{1}{2}$	$1 \frac{5}{8}$	1	—	1,6	0,9	PHS 50-2TB19
20	4,32	4,00	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{1}{4}$	1,5	1,7	PHS 50-2TB20
21	4,52	4,19	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{1}{2}$	1,9	1,7	PHS 50-2TB21
25	5,32	4,99	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$4 \frac{9}{32}$	3,8	1,7	PHS 50-2TB25
30	6,32	5,98	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$5 \frac{9}{32}$	7,5	3,5	PHS 50-2TB30
36	7,52	7,17	C	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	9,4	3,5	PHS 50-2TB36
42	8,71	8,36	C	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	13,4	3,5	PHS 50-2TB42
48	9,91	9,56	C	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	18,6	3,5	PHS 50-2TB48
52	10,71	10,35	C	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{3}{8}$	22,2	3,5	PHS 50-2TB52
60	12,30	11,94	C	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{3}{8}$	30,3	3,5	PHS 50-2TB60
68	13,89	13,53	C	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{3}{8}$	39,4	3,5	PHS 50-2TB68
76	15,49	15,12	C	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{3}{8}$	41,2	3,5	PHS 50-2TB76
84	17,08	16,71	C	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{3}{8}$	45,3	3,5	PHS 50-2TB84
95	19,27	18,90	C	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{3}{8}$	58,8	3,5	PHS 50-2TB95
102	20,66	20,30	C	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{3}{8}$	67,1	3,5	PHS 50-2TB102

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.



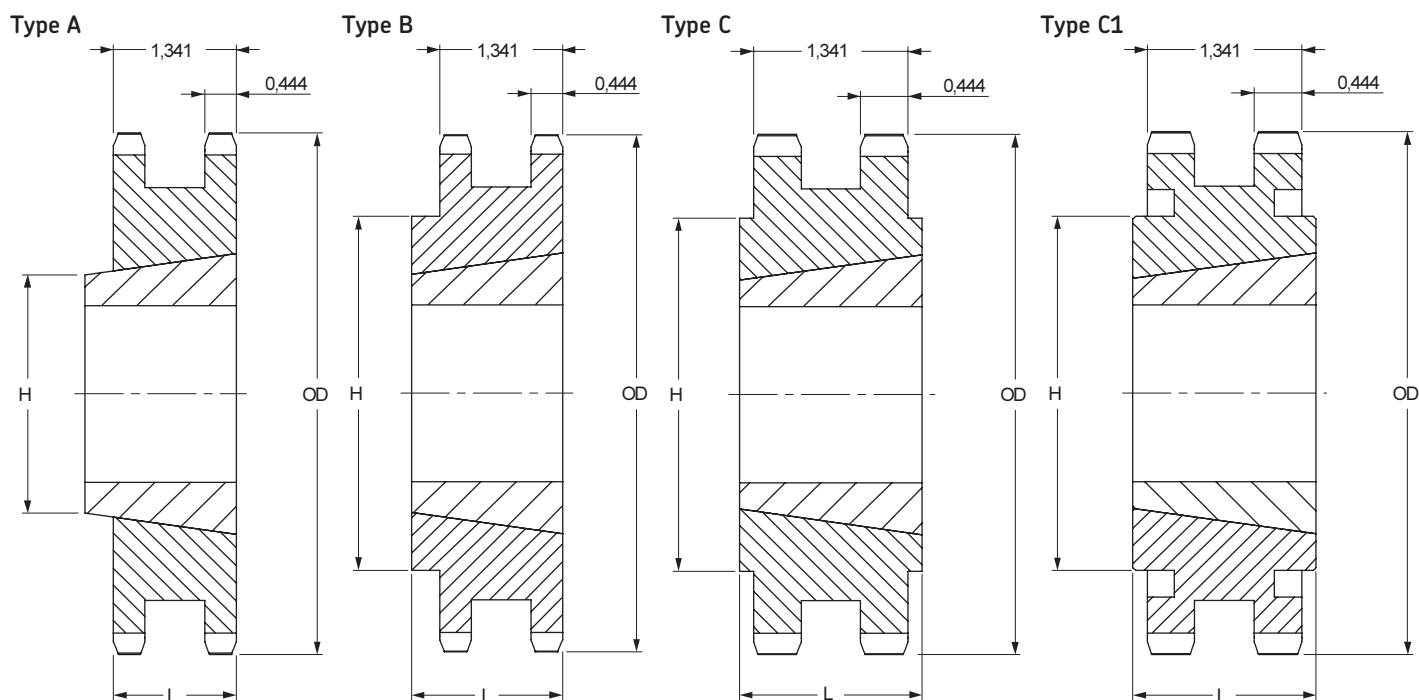
ANSI sprockets

Duplex

Taper Bushed

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

ANSI 60-2 3/4" Pitch



Taper Bushed Type A/B/C/C1

No. Teeth	Diameter		Type	Bushing Number	Bore		Dimensions		Weight		Designation
	Outside	Pitch			Min	Max	L	H	Rim	Bushing	
	Inch	Inch			Inch	Inch	Inch	Inch	lbs	lbs	
13	3,49	3,13	B	1215	5/8	1 1/4	1 1/2	2 1/4	1,2	1,6	PHS 60-2TB13
14	3,74	3,37	B	1215	5/8	1 1/4	1 1/2	2 1/2	1,6	1,7	PHS 60-2TB14
15	3,98	3,61	B	1615	1/2	1 5/8	1 1/2	2 13/16	1,3	1,8	PHS 60-2TB15
16	4,22	3,84	B	1615	1/2	1 5/8	1 1/2	3	2,2	2,3	PHS 60-2TB16
17	4,46	4,08	B	1615	1/2	1 5/8	1 1/2	3 1/4	2,5	2,8	PHS 60-2TB17
18	4,70	4,32	A	2012	3/4	2	1 1/4	-	3,0	2,4	PHS 60-2TB18
19	4,95	4,56	A	2012	3/4	2	1 1/4	-	3,5	2,9	PHS 60-2TB19
20	5,18	4,79	B	2517	3/4	1 1/2	1 3/4	3 61/64	4,0	2,9	PHS 60-2TB20
21	5,43	5,03	B	2517	3/4	1 1/2	1 3/4	4 3/16	5,0	3,8	PHS 60-2TB21
25	6,39	4,98	B	2517	3/4	1 1/2	1 3/4	5 3/32	7,5	7,4	PHS 60-2TB25
30	7,59	7,17	B	2517	3/4	1 1/2	1 3/4	6 11/32	13,5	13,3	PHS 60-2TB30
36	9,02	8,61	C	2517	3/4	1 1/2	1 3/4	4 3/4	17,5	17,4	PHS 60-2TB36
42	10,46	10,04	C	2517	3/4	1 1/2	1 3/4	4 3/4	25,5	25,0	PHS 60-2TB42
45	11,18	10,75	C	2517	3/4	1 1/2	1 3/4	4 3/4	29,5	29,3	PHS 60-2TB45
52	12,85	12,42	C	2517	3/4	1 1/2	1 3/4	4 3/4	41,0	40,3	PHS 60-2TB52
60	14,76	14,33	C1	2517	3/4	1 1/2	1 3/4	4 3/4	32,5	33,5	PHS 60-2TB60
68	16,67	16,24	C1	2517	3/4	1 1/2	1 3/4	4 1/2	36,5	43,2	PHS 60-2TB68
76	18,58	18,15	C1	3020	1 1/4	3	2	5 1/4	42,5	47,8	PHS 60-2TB76
95	23,12	22,68	C1	3020	1 1/4	3	2	5 1/4	48,5	69,8	PHS 60-2TB95

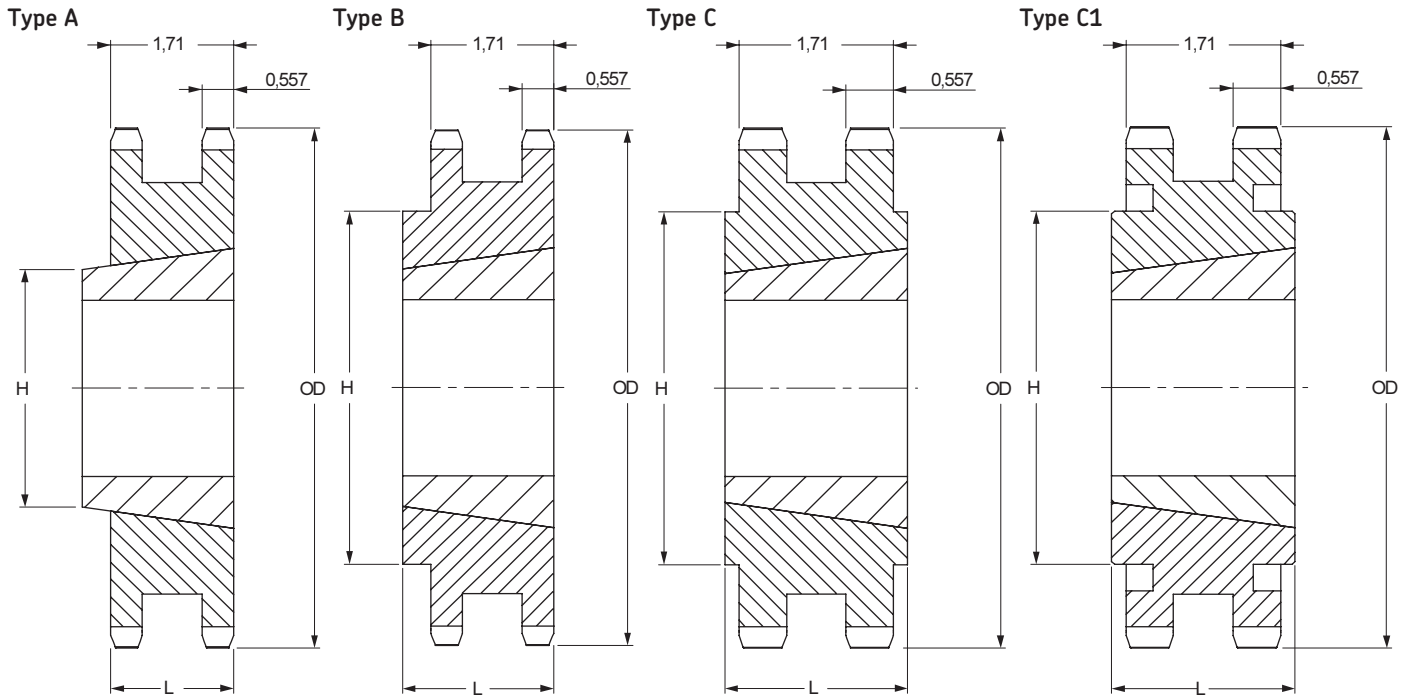
For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

ANSI sprockets

Duplex
Taper Bushed



ANSI 80-2 1" Pitch



Taper Bushed Type A/B/C/C1

No. Teeth	Diameter		Type	Bushing Number	Bore		Dimensions		Weight		Designation
	Outside	Pitch			Min	Max	L	H	Rim	Bushing	
13	4,66	4,18	A	1615	1/2	1 5/8	1 1/2	-	3,4	1,2	PHS 80-2TB13
14	4,98	4,49	A	2012	3/4	2	1 1/4	-	3,5	1,7	PHS 80-2TB14
15	5,30	4,81	A	2012	3/4	2	1 1/4	-	4,3	1,7	PHS 80-2TB15
16	5,63	5,13	A	2517	3/4	2 1/2	1 3/4	3 1/8	3,8	3,5	PHS 80-2TB16
17	5,95	5,44	A	2517	3/4	2 1/2	1 3/4	3 1/8	5,1	3,5	PHS 80-2TB17
18	6,27	5,76	A	2517	3/4	2 1/2	1 3/4	3 1/8	6,4	3,5	PHS 80-2TB18
19	6,59	6,08	B	3020	1 1/4	3	2	5	5,6	6,5	PHS 80-2TB19
20	6,91	6,39	B	3020	1 1/4	3	2	5 1/4	7,1	6,5	PHS 80-2TB20
21	7,24	6,71	B	3020	1 1/4	3	2	5 9/16	8,9	6,5	PHS 80-2TB21
25	8,52	7,98	B	3020	1 1/4	3	2	6 7/8	16,5	6,5	PHS 80-2TB25
30	10,11	9,57	C	3020	1 1/4	3	2	5 1/4	25,1	6,5	PHS 80-2TB30
36	12,03	11,47	C	3020	1 1/4	3	2	5 1/4	39,4	6,5	PHS 80-2TB36
42	13,94	13,39	C	3020	1 1/4	3	2	5 1/4	36,4	6,5	PHS 80-2TB42
45	14,90	14,34	C1	3020	1 1/4	3	2	5 1/4	41,4	6,5	PHS 80-2TB45
52	17,13	16,56	C1	3020	1 1/4	3	2	5 1/4	56,2	6,5	PHS 80-2TB52
60	19,68	19,11	C1	3020	1 1/4	3	2	5 1/4	66,3	6,5	PHS 80-2TB60
68	22,23	21,65	C1	3020	1 1/4	3	2	5 1/4	72,0	6,5	PHS 80-2TB68
76	24,78	24,20	C1	3020	1 1/4	3	2	5 1/4	89,1	6,5	PHS 80-2TB76
95	30,83	30,25	C1	3020	1 1/4	3	2	5 1/4	112,0	6,5	PHS 80-2TB95

For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

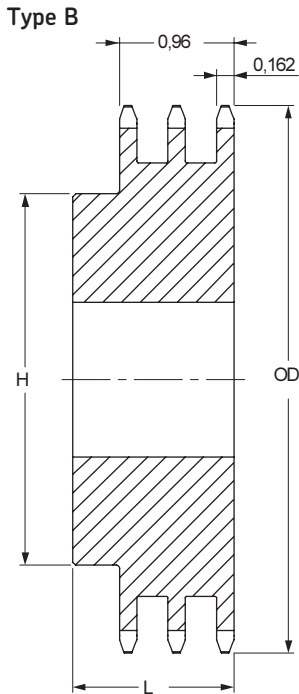


ANSI sprockets

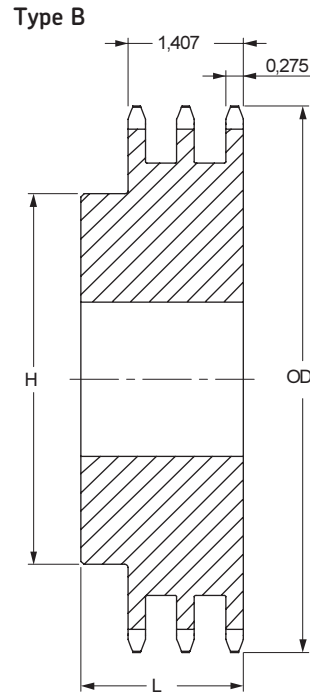
Triplex
Pilot Bore

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

ANSI 35-3 3/8" Pitch



ANSI 40-3 1/2" Pitch



Pilot Bore Type B

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
			Inch	Inch	Inch	Inch		
13	1,75	B	1/2	11/16	1 7/64	1 3/4	0,5	PHS 35-3B13
14	1,87	B	1/2	7/8	1 3/4	1 3/4	0,6	PHS 35-3B14
15	1,99	B	1/2	15/16	1 13/32	1 3/4	0,8	PHS 35-3B15
17	2,23	B	1/2	11/16	1 29/32	1 3/4	1,0	PHS 35-3B17
18	2,35	B	1/2	13/16	1 23/32	1 3/4	1,2	PHS 35-3B18
20	2,59	B	3/4	15/16	1 15/16	1 7/8	1,5	PHS 35-3B20
21	2,71	B	3/4	1 3/8	2 1/16	1 7/8	1,7	PHS 35-3B21
22	2,83	B	3/4	1 7/16	2 3/16	1 7/8	2,0	PHS 35-3B22
23	2,95	B	3/4	1 1/2	2 1/4	1 7/8	2,1	PHS 35-3B23
24	3,07	B	3/4	1 1/2	2 1/4	1 7/8	2,3	PHS 35-3B24
25	3,19	B	3/4	1 1/2	2 1/4	1 7/8	2,4	PHS 35-3B25
26	3,31	B	3/4	1 1/2	2 1/2	1 7/8	2,8	PHS 35-3B26
30	3,79	B	3/4	1 3/4	2 1/2	1 7/8	3,4	PHS 35-3B30
36	4,51	B	3/4	1 3/4	2 1/2	1 7/8	4,5	PHS 35-3B36
42	5,23	B	3/4	1 3/4	2 1/2	1 7/8	5,9	PHS 35-3B42
48	5,95	B	3/4	1 3/4	2 1/2	1 7/8	7,4	PHS 35-3B48
52	6,43	B	3/4	1 3/4	2 1/2	1 7/8	8,5	PHS 35-3B52
60	7,38	B	3/4	1 3/4	2 1/2	1 7/8	11,2	PHS 35-3B60
68	8,34	B	3/4	2 3/8	3 1/2	1 7/8	15,4	PHS 35-3B68
72	8,81	B	3/4	2 3/8	3 1/2	1 7/8	17,3	PHS 35-3B72
76	9,29	B	3/4	2 3/8	3 1/2	1 7/8	18,9	PHS 35-3B76
84	10,25	B	1	2 3/8	3 1/2	1 7/8	22,8	PHS 35-3B84
95	11,56	B	1	2 1/2	3 3/4	2 1/8	29,3	PHS 35-3B95
96	11,68	B	1	2 1/2	3 3/4	2 1/8	30,1	PHS 35-3B96
102	12,40	B	1	2 1/2	3 3/4	2 1/8	33,4	PHS 35-3B102
16	2,11	B	1/2	15/16	1 13/32	1 3/4	0,8	PHS 35-3B16
19	2,47	B	1/2	15/16	1 7/8	1 3/4	1,4	PHS 35-3B19

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required. For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Pilot Bore Type B

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
			Inch	Inch	Inch	Inch		
11	2,00	B	1/2	3/4	1 7/16	2 1/8	0,8	PHS 40-3B11
12	2,17	B	3/2	15/16	1 3/16	2 1/8	1,1	PHS 40-3B12
13	2,33	B	1/2	1	1 1/2	2 1/8	1,2	PHS 40-3B13
14	2,49	B	1/2	1 1/8	1 13/16	2 1/8	1,5	PHS 40-3B14
15	2,65	B	1/2	1 1/4	1 13/16	2 1/8	1,8	PHS 40-3B15
16	2,81	B	5/8	1 3/8	2	2 1/8	2,0	PHS 40-3B16
19	3,30	B	5/8	1 3/4	2 1/2	2 1/8	3,1	PHS 40-3B19
20	3,46	B	5/8	1 7/8	2 5/8	2 1/4	3,7	PHS 40-3B20
22	3,78	B	5/8	1 7/8	2 7/8	2 1/4	4,5	PHS 40-3B22
23	3,94	B	5/8	2	3	2 1/4	5,0	PHS 40-3B23
24	4,10	B	5/8	2 1/4	3 1/4	2 1/4	5,6	PHS 40-3B24
25	4,26	B	5/8	2 1/4	3 3/4	2 1/4	6,0	PHS 40-3B25
26	4,42	B	5/8	2 1/4	3 3/4	2 1/4	6,4	PHS 40-3B26
30	5,06	B	7/8	2 1/4	3 3/4	2 1/4	7,8	PHS 40-3B30
35	5,86	B	7/8	2 1/4	3 3/4	2 1/4	10,3	PHS 40-3B35
36	6,02	B	15/16	2 1/2	3 3/4	2 3/8	11,7	PHS 40-3B36
42	6,97	B	15/16	2 1/2	3 3/4	2 3/8	15,4	PHS 40-3B42
48	7,93	B	15/16	2 1/2	3 3/4	2 3/8	19,4	PHS 40-3B48
52	8,57	B	15/16	2 1/2	3 3/4	2 3/8	22,4	PHS 40-3B52
60	9,84	B	15/16	2 1/2	3 3/4	2 3/8	30,0	PHS 40-3B60
68	11,12	B	1 1/16	2 3/4	4	2 5/8	38,4	PHS 40-3B68
95	15,41	B	1 3/16	2 3/4	4 1/4	2 3/4	62,2	PHS 40-3B95
17	2,98	B	5/8	1 7/16	2 1/8	2 1/8	2,3	PHS 40-3B17
18	3,14	B	5/8	1 1/2	2 1/8	2 1/8	2,7	PHS 40-3B18
21	3,62	B	5/8	1 7/8	2 3/4	2 1/8	4,1	PHS 40-3B21
72	11,75	B	1 3/16	2 3/4	4	2 5/8	42,5	PHS 40-3B72
76	12,39	B	1 3/16	2 3/4	4	2 5/8	46,9	PHS 40-3B76
84	13,66	B	1 3/16	2 3/4	4 1/4	2 3/4	57,3	PHS 40-3B84
102	16,53	B	1 3/16	2 3/4	4 1/4	2 3/4	68,4	PHS 40-3B102

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required. For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.



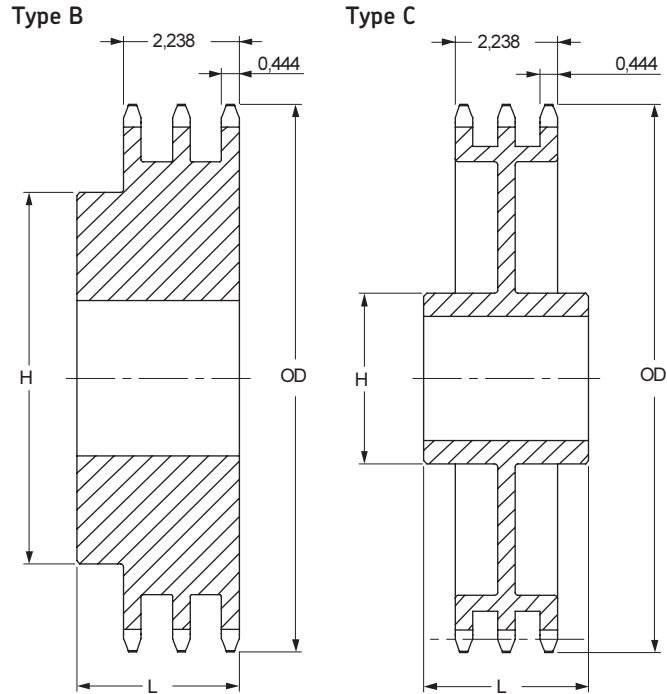
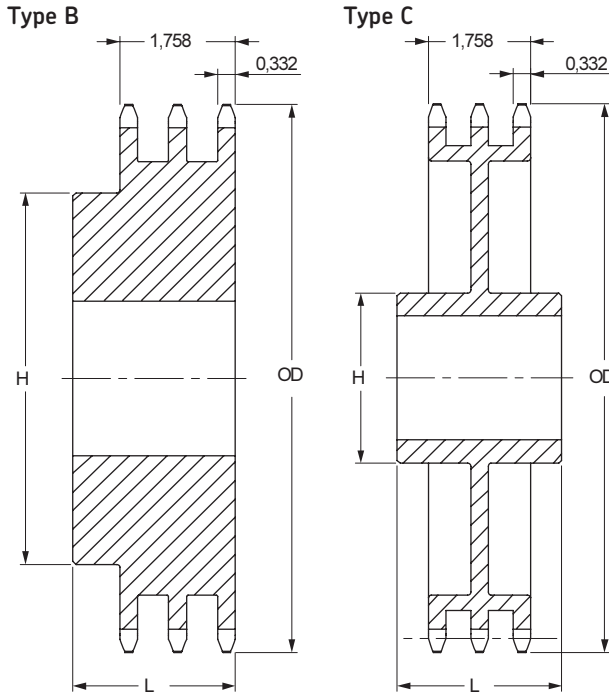
ANSI sprockets

Triplex
Pilot Bore



ANSI 50-3 5/8" Pitch

ANSI 60-3 3/4" Pitch



Pilot Bore Type B/C

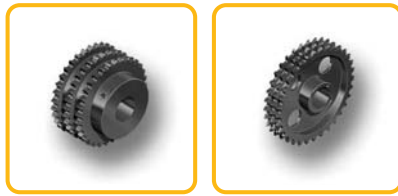
Pilot Bore Type B/C

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
			Inch	Inch	Inch	Inch		
11	2,50	B	5/8	15/16	1 15/32	2 1/2	1,4	PHS 50-3B11
12	2,71	B	5/8	1 1/8	1 11/16	2 1/2	1,8	PHS 50-3B12
13	2,91	B	5/8	1 1/16	1 7/8	2 1/2	2,3	PHS 50-3B13
14	3,11	B	5/8	1 3/8	2 1/16	2 1/2	2,7	PHS 50-3B14
15	3,32	B	3/4	1 1/2	2 5/16	2 1/2	3,2	PHS 50-3B15
16	3,52	B	3/4	1 3/4	2 1/2	2 1/2	3,8	PHS 50-3B16
17	3,72	B	3/4	1 7/8	2 11/16	2 1/2	4,4	PHS 50-3B17
18	3,92	B	3/4	1 15/16	2 15/16	2 1/2	5,1	PHS 50-3B18
19	4,12	B	1	2 1/8	3 1/8	2 1/2	5,6	PHS 50-3B19
20	4,32	B	1	2 1/4	3 3/4	2 5/8	6,4	PHS 50-3B20
21	4,52	B	1	2 3/8	3 1/2	2 5/8	7,4	PHS 50-3B21
22	4,72	B	1	2 3/8	3 9/16	2 5/8	7,9	PHS 50-3B22
23	4,92	B	1	2 1/2	3 5/8	2 5/8	8,8	PHS 50-3B23
24	5,12	B	1	2 1/2	3 5/8	2 5/8	9,4	PHS 50-3B24
25	5,32	B	1	2 1/2	3 5/8	2 5/8	10,2	PHS 50-3B25
26	5,52	B	1	2 1/2	3 3/4	2 5/8	11,0	PHS 50-3B26
30	6,32	B	1	2 1/2	3 3/4	2 5/8	14,2	PHS 50-3B30
35	7,32	B	1	2 1/2	3 3/4	2 5/8	19,0	PHS 50-3B35
36	7,52	B	1 3/16	2 3/4	4	2 3/4	20,6	PHS 50-3B36
42	8,72	B	1 3/16	2 3/4	4	2 3/4	27,5	PHS 50-3B42
48	9,91	B	1 3/16	2 3/4	4	3 1/8	36,6	PHS 50-3B48
52	10,71	B	1 3/16	2 3/4	4	3 1/8	42,5	PHS 50-3B52
60	12,30	B	1 5/16	3	4 1/2	3 1/8	56,8	PHS 50-3B60
68	13,89	B	1 5/16	3	4 1/2	3 1/8	73,2	PHS 50-3B68
72	14,69	C	1 3/16	3	4 3/4	3 1/2	54,4	PHS 50-3C72
76	15,49	C	1 3/16	3	4 3/4	3 1/2	51,2	PHS 50-3C76
84	17,08	C	1 3/16	3	4 3/4	3 1/2	65,3	PHS 50-3C84
95	19,27	C	1 5/16	3	4 3/4	3 1/4	74,4	PHS 50-3C95
102	20,66	C	1 5/16	3	4 3/4	3 1/4	79,9	PHS 50-3C102

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
			Inch	Inch	Inch	Inch		
11	3,00	B	1	1 1/4	1 13/16	3	2,5	PHS 60-3B11
13	3,49	B	1	1 1/2	2 1/4	3	3,9	PHS 60-3B13
14	3,74	B	1	1 1/4	2 1/2	3	4,5	PHS 60-3B14
15	3,98	B	1	1 7/8	2 13/16	3	5,4	PHS 60-3B15
16	4,22	B	1	2	3	3	6,5	PHS 60-3B16
18	4,70	B	1	2 3/8	3 1/2	3	8,5	PHS 60-3B18
19	4,95	B	1	2 1/2	3 13/16	3	10,0	PHS 60-3B19
20	5,19	B	1	2 1/2	3 3/4	3	11,2	PHS 60-3B20
21	5,43	B	1	2 3/4	4 1/8	3	12,5	PHS 60-3B21
22	5,67	B	1	2 3/4	4 1/4	3	13,2	PHS 60-3B22
23	5,91	B	1	2 3/4	4 1/4	3	14,6	PHS 60-3B23
25	6,39	B	1	2 3/4	4 1/4	3	17,0	PHS 60-3B25
30	7,59	B	1	2 3/4	4 1/4	3	23,2	PHS 60-3B30
35	8,78	B	1 1/4	3	4 1/2	3 1/4	34,5	PHS 60-3B35
42	10,46	B	1 1/4	3 1/4	4 3/4	3 5/8	49,0	PHS 60-3B42
45	11,18	B	1 1/4	3 1/4	4 3/4	3 5/8	57,0	PHS 60-3B45
52	12,85	C	1 1/4	3 1/4	4 3/4	3 1/2	73,0	PHS 60-3C52
60	14,76	C	1 1/4	3 1/4	4 3/4	3 1/2	63,0	PHS 60-3C60
68	16,67	C	1 1/4	3 1/4	5	3 1/2	73,0	PHS 60-3C68
72	17,63	C	1 1/4	3 1/4	5	3 1/2	85,0	PHS 60-3C72
76	18,58	C	1 1/2	3 1/4	5 1/2	3 1/2	82,0	PHS 60-3C76
12	3,25	B	1	1 7/16	2 1/8	3	3,3	PHS 60-3B12
17	4,46	B	1	2 1/4	3 1/4	3	7,7	PHS 60-3B17
24	6,15	B	1	2 3/4	4 1/4	3	15,8	PHS 60-3B24
26	6,63	B	1	2 3/4	4 1/4	3	18,6	PHS 60-3B26
36	9,02	B	1 1/4	3	4 1/2	3 1/4	37,0	PHS 60-3B36
95	23,12	C	1 1/2	3 3/4	5 1/2	4	105,0	PHS 60-3C95

Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required. For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

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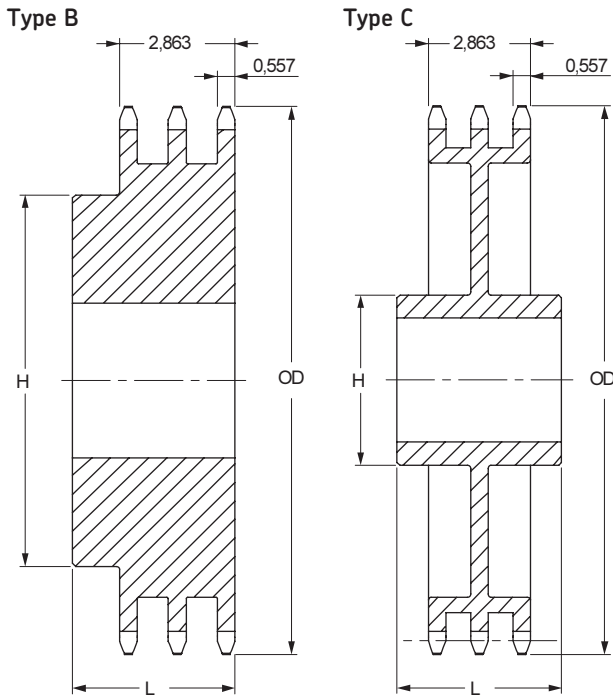


ANSI sprockets

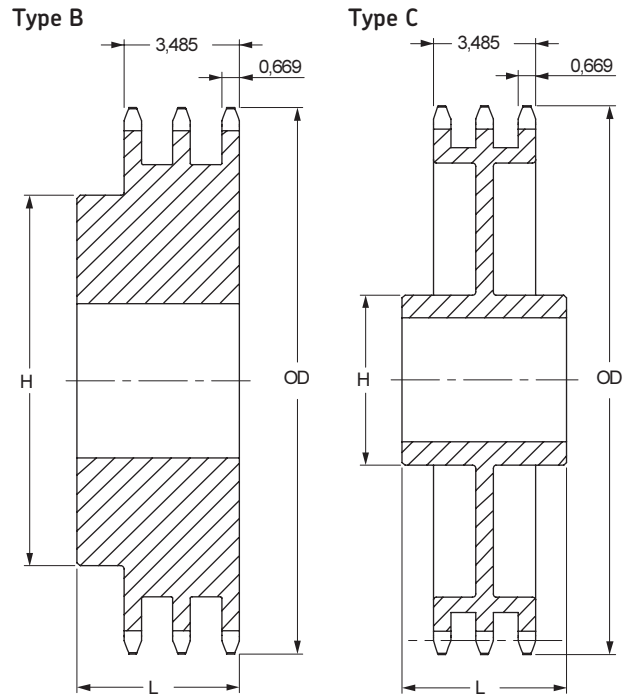
Triplex
Pilot Bore

- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

ANSI 80-3 1" Pitch



ANSI 100-3 1 1/4" Pitch



Pilot Bore Type B/C

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
			Inch	Inch	Inch	Inch		
11	4.01	B	1	1 3/4	2 1/2	3 5/8	5.9	PHS 80-3B11
12	4.33	B	1	1 7/8	2 27/32	3 5/8	7.5	PHS 80-3B12
13	4.66	B	1	2 1/4	3 5/32	3 5/8	9.2	PHS 80-3B13
14	4.98	B	1	2 3/8	3 13/32	3 5/8	11.0	PHS 80-3B14
15	5.30	B	1	2 1/2	3 51/64	3 5/8	13.1	PHS 80-3B15
16	5.63	B	1	2 3/4	4	3 7/8	15.8	PHS 80-3B16
17	5.95	B	1	3	4 27/64	3 7/8	18.6	PHS 80-3B17
18	6.27	B	1	3 1/4	4 47/64	3 7/8	21.2	PHS 80-3B18
19	6.59	B	1	3 5/16	5	3 7/8	23.7	PHS 80-3B19
20	6.91	B	1	3 3/16	5	3 7/8	26.0	PHS 80-3B20
21	7.24	B	1	3 1/16	5	3 7/8	28.4	PHS 80-3B21
22	7.56	B	1	3 5/16	5	3 7/8	31.0	PHS 80-3B22
23	7.88	B	1	3 3/16	5	3 7/8	33.6	PHS 80-3B23
24	8.20	B	1	3 1/2	5 1/4	3 7/8	37.1	PHS 80-3B24
25	8.52	B	1	3 1/2	5 1/4	3 7/8	40.1	PHS 80-3B25
26	8.84	B	1	3 3/2	5 1/4	3 7/8	42.9	PHS 80-3B26
30	10.11	B	1 3/4	3 3/4	5 3/4	4 1/4	54.5	PHS 80-3B30
35	11.71	B	1 3/4	3 3/4	5 3/4	4 1/4	79.5	PHS 80-3B35
36	12.03	B	1 3/4	3 3/4	5 3/4	4 1/4	83.9	PHS 80-3B36
42	13.94	C	1 3/4	3 13/16	6	4 1/2	84.9	PHS 80-3C42
45	14.90	C	1 3/4	3 13/16	6	4 1/2	92.4	PHS 80-3C45
52	17.13	C	1 3/2	3 13/16	6	4 1/2	107.0	PHS 80-3C52
60	19.68	C	1 1/2	4 1/4	6 1/4	4 3/4	128.0	PHS 80-3C60
68	22.23	C	1 1/2	4 1/4	6 1/4	4 3/4	140.0	PHS 80-3C68
76	24.78	C	1 1/2	4 1/4	6 1/4	4 3/4	165.0	PHS 80-3C76
95	30.83	C	1 1/2	4 1/2	6 3/4	5	240.0	PHS 80-3C95

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Pilot Bore Type B/C

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
			Inch	Inch	Inch	Inch		
11	5.01	B	1	2 1/8	3 1/8	4 1/4	11.7	PHS 100-3B11
12	5.42	B	1 1/8	2 1/4	3 3/8	4 1/4	13.7	PHS 100-3B12
13	5.82	B	1 1/8	2 1/2	3 13/16	4 1/4	16.9	PHS 100-3B13
14	6.23	B	1 3/8	2 3/4	4 3/16	4 1/4	20.2	PHS 100-3B14
15	6.63	B	1 1/4	3 1/8	4 5/8	4 1/2	25.0	PHS 100-3B15
16	7.03	B	1 1/4	3 5/16	5	4 1/2	29.3	PHS 100-3B16
17	7.44	B	1 1/4	3 1/2	5 1/4	4 1/2	33.8	PHS 100-3B17
18	7.84	B	1 1/4	3 1/2	5 1/4	4 3/4	38.6	PHS 100-3B18
19	8.24	B	1 1/4	3 3/4	5 1/2	4 3/4	43.3	PHS 100-3B19
20	8.64	B	1 1/4	3 3/4	5 1/2	4 3/4	47.9	PHS 100-3B20
21	9.04	B	1 1/4	3 3/4	5 1/2	4 3/4	52.3	PHS 100-3B21
22	9.44	B	1 1/4	3 3/4	5 1/2	4 3/4	57.5	PHS 100-3B22
23	9.84	B	1 1/4	3 3/4	5 1/2	4 3/4	62.5	PHS 100-3B23
24	10.25	B	1 1/4	3 3/4	5 1/2	4 3/4	69.0	PHS 100-3B24
25	10.65	B	1 1/4	3 3/4	5 1/2	4 3/4	73.0	PHS 100-3B25
26	11.05	B	1 1/2	3 13/16	5 3/4	4 3/4	79.0	PHS 100-3B26
30	12.64	B	1 1/2	3 13/16	5 3/4	4 3/4	103.0	PHS 100-3B30
35	14.64	C	1 1/2	4	6	5	108.0	PHS 100-3C35
45	18.63	C	1 1/2	4	6	5	143.0	PHS 100-3C45
60	24.60	C	1 1/2	5 3/8	7 1/2	5	217.0	PHS 100-3C60
70	28.58	C	1 1/2	5 3/8	7 1/2	5	262.0	PHS 100-3C70
80	32.57	C	1 1/2	5 3/8	7 1/2	5	313.0	PHS 100-3C80

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