

Metric sprockets

Simplex
Pilot bore



ISO 05B-1 8 mm Pitch

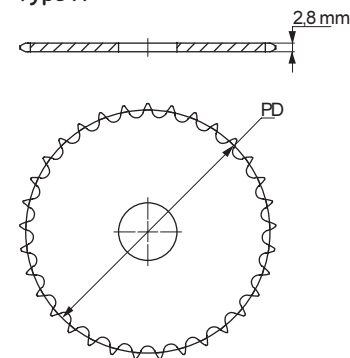
Pilot bore Type B

Type A

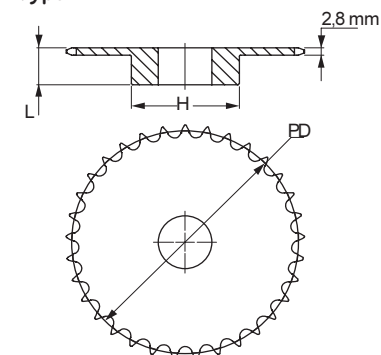
No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Pitch Diameter	Type	Bore Stock	Weight	Designation
			Min	Max	H	L								
	mm		mm	mm	mm	mm	kg			mm		mm	kg	
8	20,90	B	6	6	13	12	0,02	PHS 05B-1B8	8	20,90	A	6	0,01	PHS 05B-1A8
9	23,39	B	6	6	15	12	0,02	PHS 05B-1B9	9	23,39	A	6	0,01	PHS 05B-1A9
10	25,89	B	8	8	17	12	0,02	PHS 05B-1B10	10	25,89	A	8	0,01	PHS 05B-1A10
11	28,39	B	8	8	18	13	0,03	PHS 05B-1B11	11	28,39	A	8	0,01	PHS 05B-1A11
12	30,91	B	8	8	20	13	0,03	PHS 05B-1B12	12	30,91	A	8	0,01	PHS 05B-1A12
13	33,42	B	8	8	23	13	0,05	PHS 05B-1B13	13	33,42	A	8	0,01	PHS 05B-1A13
14	35,95	B	8	8	25	13	0,05	PHS 05B-1B14	14	35,95	A	8	0,02	PHS 05B-1A14
15	38,48	B	8	12	28	13	0,07	PHS 05B-1B15	15	38,48	A	8	0,02	PHS 05B-1A15
16	41,01	B	8	14	30	14	0,08	PHS 05B-1B16	16	41,01	A	8	0,02	PHS 05B-1A16
17	43,53	B	8	14	30	14	0,09	PHS 05B-1B17	17	43,53	A	8	0,03	PHS 05B-1A17
18	46,07	B	8	14	30	14	0,09	PHS 05B-1B18	18	46,07	A	8	0,03	PHS 05B-1A18
19	48,61	B	8	14	30	14	0,10	PHS 05B-1B19	19	48,61	A	8	0,03	PHS 05B-1A19
20	51,14	B	8	14	30	14	0,10	PHS 05B-1B20	20	51,14	A	8	0,04	PHS 05B-1A20
21	53,67	B	8	19	35	14	0,13	PHS 05B-1B21	21	53,67	A	8	0,04	PHS 05B-1A21
22	56,21	B	8	19	35	14	0,13	PHS 05B-1B22	22	56,21	A	8	0,05	PHS 05B-1A22
23	58,75	B	8	19	35	14	0,13	PHS 05B-1B23	23	58,75	A	8	0,05	PHS 05B-1A23
24	61,29	B	8	19	35	14	0,15	PHS 05B-1B24	24	61,29	A	8	0,06	PHS 05B-1A24
25	63,83	B	8	19	35	14	0,15	PHS 05B-1B25	25	63,83	A	8	0,06	PHS 05B-1A25
26	66,37	B	10	23	40	16	0,17	PHS 05B-1B26	26	66,37	A	10	0,07	PHS 05B-1A26
27	68,91	B	10	23	40	16	0,19	PHS 05B-1B27	27	68,91	A	10	0,07	PHS 05B-1A27
28	71,45	B	10	23	40	16	0,20	PHS 05B-1B28	28	71,45	A	10	0,08	PHS 05B-1A28
29	73,99	B	10	23	40	16	0,21	PHS 05B-1B29	29	73,99	A	10	0,08	PHS 05B-1A29
30	76,53	B	10	23	40	16	0,22	PHS 05B-1B30	30	76,53	A	10	0,09	PHS 05B-1A30
31	79,08	B	10	23	40	16	0,23	PHS 05B-1B31	31	79,08	A	10	0,10	PHS 05B-1A31
32	81,61	B	10	23	40	16	0,23	PHS 05B-1B32	32	81,61	A	10	0,11	PHS 05B-1A32
33	84,16	B	10	23	40	16	0,24	PHS 05B-1B33	33	84,16	A	10	0,12	PHS 05B-1A33
34	86,70	B	10	23	40	16	0,25	PHS 05B-1B34	34	86,70	A	10	0,12	PHS 05B-1A34
35	89,24	B	10	23	40	16	0,25	PHS 05B-1B35	35	89,24	A	10	0,12	PHS 05B-1A35
36	91,79	B	10	23	40	16	0,26	PHS 05B-1B36	36	91,79	A	10	0,13	PHS 05B-1A36
37	94,33	B	10	23	40	16	0,26	PHS 05B-1B37	37	94,33	A	10	0,14	PHS 05B-1A37
38	96,88	B	10	23	40	16	0,27	PHS 05B-1B38	38	96,88	A	10	0,15	PHS 05B-1A38
39	99,42	B	10	23	40	16	0,28	PHS 05B-1B39	39	99,42	A	10	0,16	PHS 05B-1A39
40	101,97	B	10	23	40	16	0,28	PHS 05B-1B40	40	101,97	A	10	0,16	PHS 05B-1A40
41	104,51	B	10	23	60	20	0,29	PHS 05B-1B41	41	104,51	A	12	0,17	PHS 05B-1A41
42	107,05	B	10	23	60	20	0,30	PHS 05B-1B42	42	107,05	A	12	0,18	PHS 05B-1A42
43	109,60	B	10	23	60	20	0,30	PHS 05B-1B43	43	109,60	A	12	0,19	PHS 05B-1A43
44	112,14	B	10	23	60	20	0,31	PHS 05B-1B44	44	112,14	A	12	0,20	PHS 05B-1A44
45	114,69	B	12	40	60	20	0,31	PHS 05B-1B45	45	114,69	A	12	0,21	PHS 05B-1A45
46	117,23	B	12	40	60	20	0,32	PHS 05B-1B46	46	117,23	A	12	0,21	PHS 05B-1A46
47	119,77	B	12	40	60	20	0,33	PHS 05B-1B47	47	119,77	A	12	0,32	PHS 05B-1A47
48	122,32	B	12	40	60	20	0,33	PHS 05B-1B48	48	122,32	A	12	0,34	PHS 05B-1A48
54	137,59	B	12	40	80	20	0,37	PHS 05B-1B54	54	137,59	A	14	0,67	PHS 05B-1A54
57	145,22	B	14	55	80	20	0,39	PHS 05B-1B57	57	145,22	A	14	1,47	PHS 05B-1A57
60	152,85	B	14	55	80	34	0,41	PHS 05B-1B60	60	152,85	A	14	1,53	PHS 05B-1A60
64	163,04	B	14	55	80	34	0,43	PHS 05B-1B64	64	163,04	A	16	1,62	PHS 05B-1A64
70	178,31	B	14	55	80	34	0,47	PHS 05B-1B70	70	178,31	A	16	1,74	PHS 05B-1A70
72	183,41	B	14	55	80	34	0,48	PHS 05B-1B72	72	183,41	A	20	1,79	PHS 05B-1A72
76	193,59	B	20	55	80	34	0,51	PHS 05B-1B76	76	193,59	A	20	1,87	PHS 05B-1A76
80	203,77	B	20	55	80	34	0,53	PHS 05B-1B80	80	203,77	A	20	1,95	PHS 05B-1A80
84	213,95	B	20	55	80	34	0,56	PHS 05B-1B84	84	213,95	A	20	2,04	PHS 05B-1A84
90	229,23	B	20	55	80	34	0,60	PHS 05B-1B90	90	229,23	A	20	2,16	PHS 05B-1A90
95	241,96	B	20	55	80	34	0,63	PHS 05B-1B95	95	241,96	A	20	2,27	PHS 05B-1A95
96	244,50	B	20	55	80	34	0,63	PHS 05B-1B96	96	244,50	A	20	2,29	PHS 05B-1A96
114	290,33	B	20	55	88	39	0,75	PHS 05B-1B114	114	290,33	A	20	2,67	PHS 05B-1A114

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.

Type A



Type B





Metric sprockets

Simplex

Pilot bore

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

ISO 06B-1 9,525 mm Pitch

Pilot bore Type B

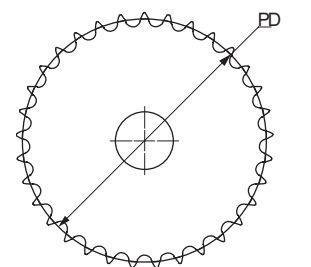
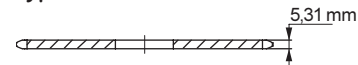
Type A

No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Pitch Diameter	Type	Bore Stock	Weight	Designation
			Min	Max	H	L								
	mm		mm	mm	mm	mm	kg			mm		mm	kg	
8	24,89	B	6	6	15+	20	0,03	PHS 06B-1B8	8	24,89	A	6	0,02	PHS 06B-1A8
9	27,85	B	8	8	18+	20	0,04	PHS 06B-1B9	9	27,85	A	8	0,02	PHS 06B-1A9
10	30,82	B	8	8	20	20	0,06	PHS 06B-1B10	10	30,82	A	8	0,02	PHS 06B-1A10
11	33,80	B	8	8	22	25	0,08	PHS 06B-1B11	11	33,80	A	8	0,03	PHS 06B-1A11
12	36,80	B	8	10	25	25	0,10	PHS 06B-1B12	12	36,80	A	8	0,04	PHS 06B-1A12
13	39,79	B	10	12	28	25	0,12	PHS 06B-1B13	13	39,79	A	8	0,05	PHS 06B-1A13
14	42,80	B	10	15	31	25	0,15	PHS 06B-1B14	14	42,80	A	8	0,05	PHS 06B-1A14
15	45,81	B	10	18	34	25	0,19	PHS 06B-1B15	15	45,81	A	8	0,06	PHS 06B-1A15
16	48,82	B	10	20	37	28	0,24	PHS 06B-1B16	16	48,82	A	10	0,07	PHS 06B-1A16
17	51,83	B	10	23	40	28	0,29	PHS 06B-1B17	17	51,83	A	10	0,07	PHS 06B-1A17
18	54,85	B	10	26	43	28	0,33	PHS 06B-1B18	18	54,85	A	10	0,08	PHS 06B-1A18
19	57,87	B	10	28	45	28	0,37	PHS 06B-1B19	19	57,87	A	10	0,09	PHS 06B-1A19
20	60,89	B	10	28	46	28	0,39	PHS 06B-1B20	20	60,89	A	10	0,10	PHS 06B-1A20
21	63,91	B	12	30	48	28	0,42	PHS 06B-1B21	21	63,91	A	10	0,11	PHS 06B-1A21
22	66,93	B	12	35	50	28	0,46	PHS 06B-1B22	22	66,93	A	10	0,13	PHS 06B-1A22
23	69,95	B	12	35	52	28	0,50	PHS 06B-1B23	23	69,95	A	10	0,14	PHS 06B-1A23
24	72,97	B	12	35	54	28	0,54	PHS 06B-1B24	24	72,97	A	10	0,15	PHS 06B-1A24
25	76,00	B	12	40	57	28	0,60	PHS 06B-1B25	25	76,00	A	10	0,17	PHS 06B-1A25
26	79,02	B	12	40	60	28	0,67	PHS 06B-1B26	26	79,02	A	10	0,18	PHS 06B-1A26
27	82,05	B	12	40	60	28	0,68	PHS 06B-1B27	27	82,05	A	10	0,19	PHS 06B-1A27
28	85,07	B	12	40	60	28	0,70	PHS 06B-1B28	28	85,07	A	10	0,21	PHS 06B-1A28
29	88,09	B	12	40	60	28	0,72	PHS 06B-1B29	29	88,09	A	10	0,23	PHS 06B-1A29
30	91,12	B	12	40	60	28	0,77	PHS 06B-1B30	30	91,12	A	10	0,25	PHS 06B-1A30
31	94,15	B	14	43	65	30	0,88	PHS 06B-1B31	31	94,15	A	12	0,26	PHS 06B-1A31
32	97,17	B	14	43	65	30	0,90	PHS 06B-1B32	32	97,17	A	12	0,28	PHS 06B-1A32
33	100,20	B	14	43	65	30	0,91	PHS 06B-1B33	33	100,20	A	12	0,30	PHS 06B-1A33
34	103,23	B	14	43	65	30	0,94	PHS 06B-1B34	34	103,23	A	12	0,32	PHS 06B-1A34
35	106,26	B	14	43	65	30	0,95	PHS 06B-1B35	35	106,26	A	12	0,34	PHS 06B-1A35
36	109,29	B	14	48	70	30	1,07	PHS 06B-1B36	36	109,29	A	12	0,35	PHS 06B-1A36
37	112,32	B	14	48	70	30	1,09	PHS 06B-1B37	37	112,32	A	12	0,38	PHS 06B-1A37
38	115,35	B	14	48	70	30	1,10	PHS 06B-1B38	38	115,35	A	12	0,39	PHS 06B-1A38
39	118,37	B	14	48	70	30	1,12	PHS 06B-1B39	39	118,37	A	12	0,42	PHS 06B-1A39
40	121,40	B	14	48	70	30	1,16	PHS 06B-1B40	40	121,40	A	12	0,44	PHS 06B-1A40
41	124,43	B	14	48	78	32	1,28	PHS 06B-1B41	41	124,43	A	16	0,46	PHS 06B-1A41
42	127,46	B	14	48	78	32	1,36	PHS 06B-1B42	42	127,46	A	16	0,48	PHS 06B-1A42
43	130,49	B	14	48	78	32	1,44	PHS 06B-1B43	43	130,49	A	16	0,51	PHS 06B-1A43
44	133,52	B	14	48	78	32	1,52	PHS 06B-1B44	44	133,52	A	16	0,54	PHS 06B-1A44
45	136,55	B	14	40	78	32	1,40	PHS 06B-1B45	45	136,55	A	16	0,56	PHS 06B-1A45
46	139,58	B	14	48	78	32	1,68	PHS 06B-1B46	46	139,58	A	16	0,59	PHS 06B-1A46
47	142,61	B	14	48	78	32	1,76	PHS 06B-1B47	47	142,61	A	16	0,61	PHS 06B-1A47
48	145,64	B	14	48	78	32	1,84	PHS 06B-1B48	48	145,64	A	16	0,63	PHS 06B-1A48
50	151,69	B	14	48	78	32	2,06	PHS 06B-1B50	50	151,69	A	16	0,65	PHS 06B-1A50
54	163,82	B	14	48	78	32	2,32	PHS 06B-1B54	54	163,82	A	16	0,68	PHS 06B-1A54
57	172,91	B	14	40	78	32	1,70	PHS 06B-1B57	57	172,91	A	16	1,71	PHS 06B-1A57
60	182,00	B	14	48	78	32	2,80	PHS 06B-1B60	60	182,00	A	16	0,91	PHS 06B-1A60
64	194,12	B	14	48	78	32	3,12	PHS 06B-1B64	64	194,12	A	20	0,97	PHS 06B-1A64
65	197,15	B	14	48	78	32	3,31	PHS 06B-1B65	65	197,15	A	20	1,01	PHS 06B-1A65
70	212,30	B	14	48	78	32	3,60	PHS 06B-1B70	70	212,30	A	20	1,06	PHS 06B-1A70
72	218,37	B	14	48	78	32	3,76	PHS 06B-1B72	72	218,37	A	20	1,09	PHS 06B-1A72
76	230,49	B	14	48	78	32	2,79	PHS 06B-1B76	76	230,49	A	20	1,64	PHS 06B-1A76
80	242,61	B	14	52	78	32	4,40	PHS 06B-1B80	80	242,61	A	20	1,53	PHS 06B-1A80
84	254,74	B	14	52	80	32	4,72	PHS 06B-1B84	84	254,74	A	20	1,60	PHS 06B-1A84
85	257,77	B	14	52	80	32	4,93	PHS 06B-1B85	85	257,77	A	20	1,66	PHS 06B-1A85
90	272,93	B	14	55	80	32	5,20	PHS 06B-1B90	90	272,93	A	20	1,72	PHS 06B-1A90
92	278,99	B	14	55	80	32	5,45	PHS 06B-1B92	92	278,99	A	20	2,16	PHS 06B-1A92
95	288,08	B	14	55	80	32	3,95	PHS 06B-1B95	95	288,08	A	20	2,60	PHS 06B-1A95
96	291,11	B	14	55	80	32	5,68	PHS 06B-1B96	96	291,11	A	20	2,20	PHS 06B-1A96
114	345,68	B	14	55	80	32	7,12	PHS 06B-1B114	114	345,68	A	20	3,13	PHS 06B-1A114

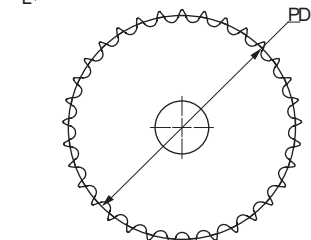
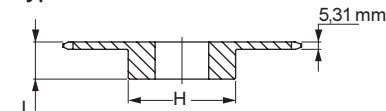
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

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

Type A



Type B



Metric sprockets

Simplex
Pilot bore



ISO 08B-1 12,70 mm Pitch

Pilot bore Type B

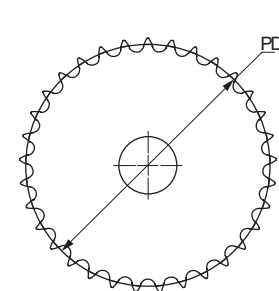
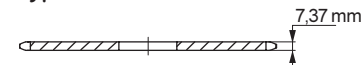
Type A

No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Pitch Diameter	Type	Bore Stock	Weight	Designation
			Min	Max	H	L								
	mm		mm	mm	mm	mm	kg			mm		mm	kg	
8	33,18	B	10	10	20	25	0,06	PHS 08B-1B8	8	33,18	A	8	0,03	PHS 08B-1A8
9	37,13	B	10	10	24	25	0,09	PHS 08B-1B9	9	37,13	A	8	0,04	PHS 08B-1A9
10	41,10	B	10	11	26	25	0,12	PHS 08B-1B10	10	41,10	A	8	0,06	PHS 08B-1A10
11	45,07	B	10	13	29	25	0,15	PHS 08B-1B11	11	45,07	A	10	0,07	PHS 08B-1A11
12	49,07	B	10	17	33	28	0,21	PHS 08B-1B12	12	49,07	A	10	0,09	PHS 08B-1A12
13	53,06	B	10	20	37	28	0,27	PHS 08B-1B13	13	53,06	A	10	0,10	PHS 08B-1A13
14	57,07	B	10	24	41	28	0,33	PHS 08B-1B14	14	57,07	A	10	0,12	PHS 08B-1A14
15	61,09	B	10	28	45	28	0,39	PHS 08B-1B15	15	61,09	A	10	0,13	PHS 08B-1A15
16	65,10	B	12	30	50	28	0,46	PHS 08B-1B16	16	65,10	A	10	0,16	PHS 08B-1A16
17	69,11	B	12	30	52	28	0,51	PHS 08B-1B17	17	69,11	A	10	0,18	PHS 08B-1A17
18	73,14	B	12	35	56	28	0,59	PHS 08B-1B18	18	73,14	A	10	0,20	PHS 08B-1A18
19	77,16	B	12	40	60	28	0,67	PHS 08B-1B19	19	77,16	A	10	0,23	PHS 08B-1A19
20	81,19	B	12	40	64	28	0,77	PHS 08B-1B20	20	81,19	A	10	0,25	PHS 08B-1A20
21	85,22	B	12	40	68	28	0,85	PHS 08B-1B21	21	85,22	A	12	0,26	PHS 08B-1A21
22	89,24	B	12	40	70	28	0,92	PHS 08B-1B22	22	89,24	A	12	0,30	PHS 08B-1A22
23	93,27	B	14	40	70	28	0,95	PHS 08B-1B23	23	93,27	A	12	0,34	PHS 08B-1A23
24	97,29	B	14	40	70	28	0,98	PHS 08B-1B24	24	97,29	A	12	0,37	PHS 08B-1A24
25	101,33	B	14	40	70	28	1,01	PHS 08B-1B25	25	101,33	A	12	0,41	PHS 08B-1A25
26	105,36	B	16	46	70	30	1,09	PHS 08B-1B26	26	105,36	A	16	0,44	PHS 08B-1A26
27	109,40	B	16	46	70	30	1,13	PHS 08B-1B27	27	109,40	A	16	0,48	PHS 08B-1A27
28	113,42	B	16	46	70	30	1,17	PHS 08B-1B28	28	113,42	A	16	0,51	PHS 08B-1A28
29	117,46	B	16	46	80	30	1,41	PHS 08B-1B29	29	117,46	A	16	0,55	PHS 08B-1A29
30	121,50	B	16	46	80	30	1,46	PHS 08B-1B30	30	121,50	A	16	0,59	PHS 08B-1A30
31	125,54	B	16	46	90	30	1,75	PHS 08B-1B31	31	125,54	A	16	0,63	PHS 08B-1A31
32	129,56	B	16	46	90	30	1,79	PHS 08B-1B32	32	129,56	A	16	0,68	PHS 08B-1A32
33	133,60	B	16	46	90	30	1,83	PHS 08B-1B33	33	133,60	A	16	0,72	PHS 08B-1A33
34	137,64	B	16	46	90	30	1,87	PHS 08B-1B34	34	137,64	A	16	0,78	PHS 08B-1A34
35	141,68	B	16	46	90	30	1,94	PHS 08B-1B35	35	141,68	A	16	0,81	PHS 08B-1A35
36	145,72	B	16	50	90	35	2,21	PHS 08B-1B36	36	145,72	A	16	0,87	PHS 08B-1A36
37	149,76	B	16	50	90	35	2,24	PHS 08B-1B37	37	149,76	A	16	0,92	PHS 08B-1A37
38	153,80	B	16	50	90	35	2,33	PHS 08B-1B38	38	153,80	A	16	0,97	PHS 08B-1A38
39	157,83	B	16	50	90	35	2,30	PHS 08B-1B39	39	157,83	A	16	1,02	PHS 08B-1A39
40	161,87	B	16	50	90	35	2,44	PHS 08B-1B40	40	161,87	A	16	1,08	PHS 08B-1A40
41	165,91	B	16	50	90	40	2,41	PHS 08B-1B41	41	165,91	A	20	1,10	PHS 08B-1A41
42	169,95	B	16	60	90	40	2,38	PHS 08B-1B42	42	169,95	A	20	1,00	PHS 08B-1A42
43	173,99	B	16	50	90	40	2,35	PHS 08B-1B43	43	173,99	A	20	1,24	PHS 08B-1A43
44	178,03	B	16	50	90	40	2,32	PHS 08B-1B44	44	178,03	A	20	1,28	PHS 08B-1A44
45	182,07	B	16	50	90	40	2,30	PHS 08B-1B45	45	182,07	A	20	1,00	PHS 08B-1A45
46	186,10	B	16	50	90	40	2,45	PHS 08B-1B46	46	186,10	A	20	1,43	PHS 08B-1A46
47	190,14	B	16	50	90	40	2,60	PHS 08B-1B47	47	190,14	A	20	1,50	PHS 08B-1A47
48	194,18	B	16	64	90	40	2,85	PHS 08B-1B48	48	194,18	A	20	1,57	PHS 08B-1A48
50	208,30	B	16	64	90	40	2,92	PHS 08B-1B50	50	208,30	A	20	1,81	PHS 08B-1A50
54	218,43	B	16	64	90	40	3,00	PHS 08B-1B54	54	218,43	A	20	2,00	PHS 08B-1A54
57	230,54	B	16	50	90	40	3,13	PHS 08B-1B57	57	230,54	A	20	2,22	PHS 08B-1A57
60	242,66	B	16	64	90	40	3,30	PHS 08B-1B60	60	242,66	A	20	2,50	PHS 08B-1A60
64	258,82	B	16	64	90	40	3,60	PHS 08B-1B64	64	258,82	A	25	2,87	PHS 08B-1A64
70	283,07	B	16	64	90	40	3,80	PHS 08B-1B70	70	283,07	A	25	3,43	PHS 08B-1A70
72	291,16	B	16	64	90	40	4,00	PHS 08B-1B72	72	291,16	A	25	3,62	PHS 08B-1A72
76	307,33	B	16	50	90	40	4,12	PHS 08B-1B76	76	307,33	A	25	3,99	PHS 08B-1A76
80	323,48	B	16	64	90	40	5,00	PHS 08B-1B80	80	323,48	A	25	4,46	PHS 08B-1A80
84	339,65	B	16	64	90	40	6,12	PHS 08B-1B84	84	339,65	A	25	4,93	PHS 08B-1A84
85	343,69	B	16	64	90	40	6,32	PHS 08B-1B85	85	343,69	A	25	5,05	PHS 08B-1A85
92	371,99	B	16	64	90	40	6,92	PHS 08B-1B92	92	371,99	A	25	5,88	PHS 08B-1A92
95	384,11	B	16	55	90	40	7,38	PHS 08B-1B95	95	384,11	A	25	6,23	PHS 08B-1A95
96	388,15	B	16	64	90	40	8,00	PHS 08B-1B96	96	388,15	A	25	6,35	PHS 08B-1A96
114	460,90	B	16	64	90	40	9,50	PHS 08B-1B114	114	460,90	A	25	8,47	PHS 08B-1A114

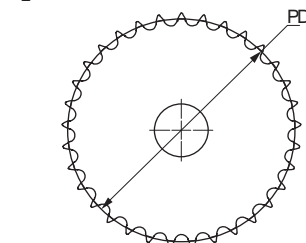
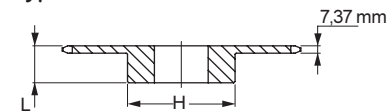
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

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

Type A



Type B





Metric sprockets

Simplex

Pilot bore

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

ISO 10B-1 15,88 mm Pitch

Pilot bore Type B

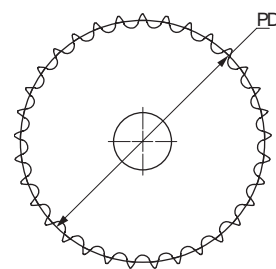
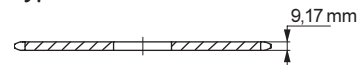
Type A

No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Pitch Diameter	Type	Bore Stock	Weight	Designation
			Min	Max	H	L								
	mm		mm	mm	mm	mm	kg			mm		mm	kg	
8	41,48	B	10	11	25	25	0,12	PHS 10B-1B8	8	41,48	A	10	0,07	PHS 10B-1A8
9	46,42	B	10	15	30	25	0,17	PHS 10B-1B9	9	46,42	A	10	0,10	PHS 10B-1A9
10	51,37	B	10	18	35	25	0,23	PHS 10B-1B10	10	51,37	A	10	0,12	PHS 10B-1A10
11	56,34	B	12	21	37	30	0,30	PHS 10B-1B11	11	56,34	A	10	0,15	PHS 10B-1A11
12	61,34	B	12	25	42	30	0,38	PHS 10B-1B12	12	61,34	A	10	0,18	PHS 10B-1A12
13	66,32	B	12	28	47	30	0,47	PHS 10B-1B13	13	66,32	A	10	0,21	PHS 10B-1A13
14	71,34	B	12	32	52	30	0,57	PHS 10B-1B14	14	71,34	A	10	0,24	PHS 10B-1A14
15	76,36	B	12	35	57	30	0,69	PHS 10B-1B15	15	76,36	A	10	0,28	PHS 10B-1A15
16	81,37	B	12	40	60	30	0,77	PHS 10B-1B16	16	81,37	A	12	0,31	PHS 10B-1A16
17	86,39	B	12	40	60	30	0,82	PHS 10B-1B17	17	86,39	A	12	0,36	PHS 10B-1A17
18	91,42	B	14	50	70	30	1,02	PHS 10B-1B18	18	91,42	A	12	0,41	PHS 10B-1A18
19	96,45	B	14	50	70	30	1,06	PHS 10B-1B19	19	96,45	A	12	0,46	PHS 10B-1A19
20	101,49	B	14	50	75	30	1,22	PHS 10B-1B20	20	101,49	A	12	0,52	PHS 10B-1A20
21	106,52	B	16	50	75	30	1,26	PHS 10B-1B21	21	106,52	A	12	0,57	PHS 10B-1A21
22	111,55	B	16	50	80	30	1,42	PHS 10B-1B22	22	111,55	A	12	0,62	PHS 10B-1A22
23	116,58	B	16	50	80	30	1,47	PHS 10B-1B23	23	116,58	A	12	0,67	PHS 10B-1A23
24	121,62	B	16	50	80	30	1,55	PHS 10B-1B24	24	121,62	A	12	0,74	PHS 10B-1A24
25	126,66	B	16	50	80	30	1,62	PHS 10B-1B25	25	126,66	A	12	0,81	PHS 10B-1A25
26	131,70	B	20	55	85	35	2,00	PHS 10B-1B26	26	131,70	A	16	0,88	PHS 10B-1A26
27	136,75	B	20	55	85	35	2,05	PHS 10B-1B27	27	136,75	A	16	0,96	PHS 10B-1A27
28	141,78	B	20	55	90	35	2,27	PHS 10B-1B28	28	141,78	A	16	1,02	PHS 10B-1A28
29	146,83	B	20	55	90	35	2,35	PHS 10B-1B29	29	146,83	A	16	1,09	PHS 10B-1A29
30	151,87	B	20	58	90	35	2,42	PHS 10B-1B30	30	151,87	A	16	1,20	PHS 10B-1A30
31	156,92	B	20	58	95	35	2,66	PHS 10B-1B31	31	156,92	A	16	1,28	PHS 10B-1A31
32	161,95	B	20	58	95	35	2,74	PHS 10B-1B32	32	161,95	A	16	1,38	PHS 10B-1A32
33	167,00	B	20	58	95	35	2,80	PHS 10B-1B33	33	167,00	A	16	1,46	PHS 10B-1A33
34	172,05	B	20	58	95	35	2,90	PHS 10B-1B34	34	172,05	A	16	1,55	PHS 10B-1A34
35	177,10	B	20	58	95	35	3,03	PHS 10B-1B35	35	177,10	A	16	1,63	PHS 10B-1A35
36	182,15	B	20	63	100	35	3,27	PHS 10B-1B36	36	182,15	A	20	2,00	PHS 10B-1A36
37	187,20	B	20	63	100	35	3,39	PHS 10B-1B37	37	187,20	A	20	1,85	PHS 10B-1A37
38	192,24	B	20	63	100	35	3,49	PHS 10B-1B38	38	192,24	A	20	1,93	PHS 10B-1A38
39	197,29	B	20	63	100	35	3,58	PHS 10B-1B39	39	197,29	A	20	2,05	PHS 10B-1A39
40	202,34	B	20	63	100	35	3,69	PHS 10B-1B40	40	202,34	A	20	2,15	PHS 10B-1A40
41	207,39	B	20	57	100	40	3,78	PHS 10B-1B41	41	207,39	A	20	2,25	PHS 10B-1A41
42	212,44	B	20	57	100	40	3,87	PHS 10B-1B42	42	212,44	A	20	2,38	PHS 10B-1A42
43	217,49	B	20	57	100	40	3,96	PHS 10B-1B43	43	217,49	A	20	2,49	PHS 10B-1A43
44	222,53	B	20	57	100	40	4,05	PHS 10B-1B44	44	222,53	A	20	2,61	PHS 10B-1A44
45	227,58	B	20	55	100	40	4,18	PHS 10B-1B45	45	227,58	A	20	2,74	PHS 10B-1A45
46	232,63	B	20	64	100	40	4,34	PHS 10B-1B46	46	232,63	A	20	2,87	PHS 10B-1A46
47	237,68	B	20	64	100	40	4,50	PHS 10B-1B47	47	237,68	A	20	2,99	PHS 10B-1A47
48	242,73	B	20	64	100	40	4,66	PHS 10B-1B48	48	242,73	A	20	3,13	PHS 10B-1A48
49	247,78	B	20	64	100	40	4,82	PHS 10B-1B49	49	247,78	A	20	3,28	PHS 10B-1A49
50	252,82	B	20	64	100	40	4,98	PHS 10B-1B50	50	252,82	A	20	3,43	PHS 10B-1A50
51	257,87	B	20	64	100	40	5,14	PHS 10B-1B51	51	257,87	A	20	3,57	PHS 10B-1A51
52	262,92	B	20	64	100	40	5,30	PHS 10B-1B52	52	262,92	A	20	3,72	PHS 10B-1A52
53	267,97	B	20	64	100	40	5,46	PHS 10B-1B53	53	267,97	A	20	3,87	PHS 10B-1A53
54	273,03	B	20	64	100	40	5,62	PHS 10B-1B54	54	273,03	A	20	4,02	PHS 10B-1A54
55	278,08	B	20	64	100	40	5,78	PHS 10B-1B55	55	278,08	A	20	4,16	PHS 10B-1A55
56	283,13	B	20	64	100	40	5,94	PHS 10B-1B56	56	283,13	A	25	4,31	PHS 10B-1A56
57	288,18	B	20	55	100	40	6,00	PHS 10B-1B57	57	288,18	A	25	4,46	PHS 10B-1A57
58	293,23	B	20	64	100	43	6,44	PHS 10B-1B58	58	293,23	A	25	4,64	PHS 10B-1A58
59	298,27	B	20	64	100	43	6,88	PHS 10B-1B59	59	298,27	A	25	4,83	PHS 10B-1A59
60	303,32	B	20	64	100	43	7,32	PHS 10B-1B60	60	303,32	A	25	5,01	PHS 10B-1A60
65	328,58	B	20	64	100	43	7,48	PHS 10B-1B65	65	328,58	A	25	5,92	PHS 10B-1A65
70	353,84	B	20	64	100	43	7,76	PHS 10B-1B70	70	353,84	A	25	6,83	PHS 10B-1A70
72	363,95	B	20	64	100	43	8,20	PHS 10B-1B72	72	363,95	A	25	7,20	PHS 10B-1A72
76	384,16	B	20	60	100	43	8,68	PHS 10B-1B76	76	384,16	A	25	7,93	PHS 10B-1A76
80	404,35	B	20	70	100	43	10,20	PHS 10B-1B80	80	404,35	A	25	8,89	PHS 10B-1A80
84	424,57	B	20	70	100	50	11,72	PHS 10B-1B84	84	424,57	A	30	9,85	PHS 10B-1A84
85	429,62	B	20	70	100	50	12,12	PHS 10B-1B85	85	429,62	A	30	10,09	PHS 10B-1A85
92	464,98	B	20	70	100	50	12,91	PHS 10B-1B92	92	464,98	A	30	11,76	PHS 10B-1A92
95	480,14	B	20	60	100	50	13,24	PHS 10B-1B95	95	480,14	A	30	12,48	PHS 10B-1A95
96	485,19	B	20	70	100	50	14,00	PHS 10B-1B96	96	485,19	A	30	12,72	PHS 10B-1A96
112	566,03	B	20	70	100	50	15,55	PHS 10B-1B112	112	566,03	A	30	16,55	PHS 10B-1A112
114	576,13	B	20	70	100	50	16,25	PHS 10B-1B114	114	576,13	A	30	17,03	PHS 10B-1A114
120	606,45	B	20	70	100	50	18,25	PHS 10B-1B120	120	606,45	A	30	18,50	PHS 10B-1A120

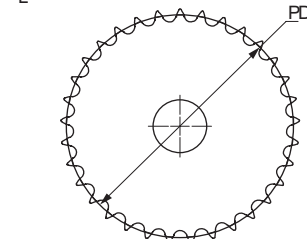
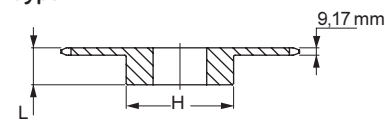
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

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

Type A



Type B



Metric sprockets

Simplex
Pilot bore



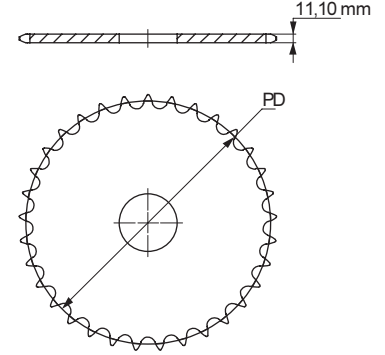
ISO 12B-1 19,05 mm Pitch

Pilot bore Type B

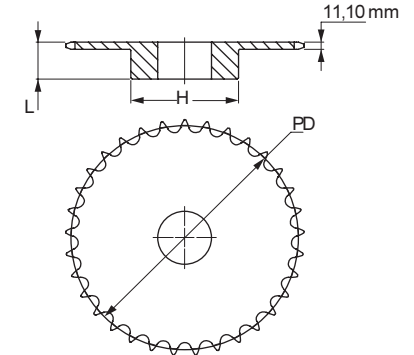
Type A

No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Pitch Diameter	Type	Bore Stock	Weight	Designation
			Min	Max	H	L								
	mm		mm	mm	mm	mm	kg			mm		mm	kg	
8	49,78	B	12	16	31	30	0,22	PHS 12B-1B8	8	49,78	A	12	0,13	PHS 12B-1A8
9	55,70	B	12	20	37	30	0,31	PHS 12B-1B9	9	55,70	A	12	0,16	PHS 12B-1A9
10	61,64	B	12	23	42	30	0,39	PHS 12B-1B10	10	61,64	A	12	0,21	PHS 12B-1A10
11	67,61	B	14	28	46	35	0,54	PHS 12B-1B11	11	67,61	A	14	0,25	PHS 12B-1A11
12	73,61	B	14	32	52	35	0,68	PHS 12B-1B12	12	73,61	A	14	0,30	PHS 12B-1A12
13	79,59	B	14	36	58	35	0,84	PHS 12B-1B13	13	79,59	A	14	0,37	PHS 12B-1A13
14	85,61	B	14	40	64	35	1,01	PHS 12B-1B14	14	85,61	A	14	0,43	PHS 12B-1A14
15	91,63	B	14	44	70	35	1,19	PHS 12B-1B15	15	91,63	A	14	0,50	PHS 12B-1A15
16	97,65	B	16	48	75	35	1,36	PHS 12B-1B16	16	97,65	A	14	0,56	PHS 12B-1A16
17	103,67	B	16	55	80	35	1,56	PHS 12B-1B17	17	103,67	A	14	0,65	PHS 12B-1A17
18	109,71	B	16	55	80	35	1,73	PHS 12B-1B18	18	109,71	A	14	0,73	PHS 12B-1A18
19	115,75	B	16	55	80	35	1,73	PHS 12B-1B19	19	115,75	A	14	0,82	PHS 12B-1A19
20	121,78	B	16	55	80	35	1,83	PHS 12B-1B20	20	121,78	A	14	0,90	PHS 12B-1A20
21	127,82	B	20	55	90	40	2,37	PHS 12B-1B21	21	127,82	A	16	0,99	PHS 12B-1A21
22	133,86	B	20	55	90	40	2,48	PHS 12B-1B22	22	133,86	A	16	1,08	PHS 12B-1A22
23	139,90	B	20	55	90	40	2,58	PHS 12B-1B23	23	139,90	A	16	1,21	PHS 12B-1A23
24	145,94	B	20	55	90	40	2,70	PHS 12B-1B24	24	145,94	A	16	1,33	PHS 12B-1A24
25	152,00	B	20	55	90	40	2,81	PHS 12B-1B25	25	152,00	A	16	1,43	PHS 12B-1A25
26	158,04	B	20	58	95	40	3,11	PHS 12B-1B26	26	158,04	A	16	1,57	PHS 12B-1A26
27	164,09	B	20	58	95	40	3,24	PHS 12B-1B27	27	164,09	A	16	1,69	PHS 12B-1A27
28	170,13	B	20	58	95	40	3,37	PHS 12B-1B28	28	170,13	A	16	1,83	PHS 12B-1A28
29	176,19	B	20	60	95	40	3,49	PHS 12B-1B29	29	176,19	A	16	1,97	PHS 12B-1A29
30	182,25	B	20	60	95	40	3,66	PHS 12B-1B30	30	182,25	A	16	2,11	PHS 12B-1A30
31	188,31	B	20	64	95	40	3,96	PHS 12B-1B31	31	188,31	A	20	2,26	PHS 12B-1A31
32	194,36	B	20	64	95	40	4,14	PHS 12B-1B32	32	194,36	A	20	2,37	PHS 12B-1A32
33	200,40	B	20	64	95	40	4,28	PHS 12B-1B33	33	200,40	A	20	2,58	PHS 12B-1A33
34	206,46	B	20	64	95	40	4,45	PHS 12B-1B34	34	206,46	A	20	2,72	PHS 12B-1A34
35	212,52	B	20	64	95	40	4,62	PHS 12B-1B35	35	212,52	A	20	2,90	PHS 12B-1A35
36	218,58	B	20	70	100	40	4,79	PHS 12B-1B36	36	218,58	A	20	3,04	PHS 12B-1A36
37	224,64	B	20	70	100	40	4,97	PHS 12B-1B37	37	224,64	A	20	3,27	PHS 12B-1A37
38	230,69	B	20	70	100	40	5,15	PHS 12B-1B38	38	230,69	A	20	3,42	PHS 12B-1A38
39	236,75	B	20	70	100	40	5,34	PHS 12B-1B39	39	236,75	A	20	3,61	PHS 12B-1A39
40	242,81	B	20	70	100	40	5,54	PHS 12B-1B40	40	242,81	A	20	3,80	PHS 12B-1A40
41	248,87	B	20	70	110	56	5,78	PHS 12B-1B41	41	248,87	A	25	3,97	PHS 12B-1A41
42	254,93	B	20	70	110	56	6,02	PHS 12B-1B42	42	254,93	A	25	4,18	PHS 12B-1A42
43	260,98	B	20	70	110	56	6,26	PHS 12B-1B43	43	260,98	A	25	4,43	PHS 12B-1A43
44	267,04	B	20	70	110	56	6,50	PHS 12B-1B44	44	267,04	A	25	4,60	PHS 12B-1A44
45	273,10	B	20	60	110	56	6,30	PHS 12B-1B45	45	273,10	A	25	4,77	PHS 12B-1A45
46	279,16	B	20	70	110	56	6,98	PHS 12B-1B46	46	279,16	A	25	5,07	PHS 12B-1A46
47	285,21	B	20	70	110	56	7,22	PHS 12B-1B47	47	285,21	A	25	5,30	PHS 12B-1A47
48	291,27	B	20	70	110	56	7,46	PHS 12B-1B48	48	291,27	A	25	5,55	PHS 12B-1A48
49	297,33	B	20	70	110	56	7,70	PHS 12B-1B49	49	297,33	A	25	5,81	PHS 12B-1A49
50	303,39	B	20	70	110	56	7,94	PHS 12B-1B50	50	303,39	A	25	6,06	PHS 12B-1A50
54	327,64	B	20	70	110	56	8,90	PHS 12B-1B54	54	327,64	A	25	7,08	PHS 12B-1A54
57	345,81	B	20	60	110	56	7,75	PHS 12B-1B57	57	345,81	A	25	7,84	PHS 12B-1A57
60	363,99	B	20	70	110	56	10,34	PHS 12B-1B60	60	363,99	A	25	8,82	PHS 12B-1A60
65	394,29	B	20	70	110	56	11,64	PHS 12B-1B65	65	394,29	A	25	10,46	PHS 12B-1A65
68	412,49	B	20	70	110	56	12,20	PHS 12B-1B68	68	412,49	A	30	11,44	PHS 12B-1A68
70	424,60	B	20	70	110	56	12,74	PHS 12B-1B70	70	424,60	A	30	12,10	PHS 12B-1A70
72	436,74	B	20	80	110	56	13,22	PHS 12B-1B72	72	436,74	A	30	12,75	PHS 12B-1A72
76	460,99	B	20	60	110	56	12,50	PHS 12B-1B76	76	460,99	A	30	14,06	PHS 12B-1A76
80	485,22	B	20	80	110	56	15,14	PHS 12B-1B80	80	485,22	A	30	15,73	PHS 12B-1A80
84	509,48	B	20	80	110	56	16,10	PHS 12B-1B84	84	509,48	A	30	17,40	PHS 12B-1A84
90	545,85	B	20	80	110	56	17,23	PHS 12B-1B90	90	545,85	A	30	19,91	PHS 12B-1A90
92	557,98	B	20	80	110	56	18,19	PHS 12B-1B92	92	557,98	A	30	20,75	PHS 12B-1A92
95	576,17	B	20	92	110	56	18,74	PHS 12B-1B95	95	576,17	A	30	22,00	PHS 12B-1A95
96	582,23	B	20	92	110	56	18,98	PHS 12B-1B96	96	582,23	A	30	22,42	PHS 12B-1A96
114	691,36	B	20	92	110	56	23,30	PHS 12B-1B114	114	691,36	A	30	29,94	PHS 12B-1A114

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.



Metric sprockets

Simplex

Pilot bore

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

ISO 16B-1 25,40 mm Pitch

Pilot bore Type B/C

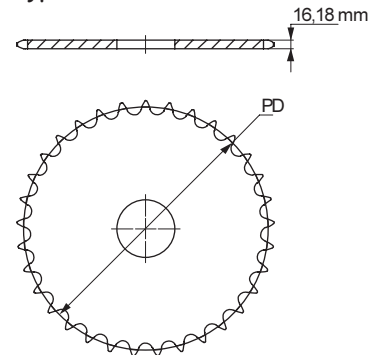
Type A

No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Pitch Diameter	Type	Bore Stock	Weight	Designation
			Min	Max	H	L								
	mm		mm	mm	mm	mm	kg			mm		mm	kg	
8	66,37	B	16	22	42	35	0,50	PHS 16B-1B8	8	66,37	A	12	0,34	PHS 16B-1A8
9	74,27	B	16	28	50	35	0,68	PHS 16B-1B9	9	74,27	A	12	0,44	PHS 16B-1A9
10	82,19	B	16	34	55	35	0,87	PHS 16B-1B10	10	82,19	A	12	0,96	PHS 16B-1A10
11	90,14	B	16	38	61	40	1,18	PHS 16B-1B11	11	90,14	A	16	0,68	PHS 16B-1A11
12	98,14	B	16	44	69	40	1,48	PHS 16B-1B12	12	98,14	A	16	0,81	PHS 16B-1A12
13	106,12	B	16	48	78	40	1,82	PHS 16B-1B13	13	106,12	A	16	1,00	PHS 16B-1A13
14	114,15	B	16	53	84	40	2,14	PHS 16B-1B14	14	114,15	A	16	1,13	PHS 16B-1A14
15	122,17	B	16	58	92	40	2,52	PHS 16B-1B15	15	122,17	A	16	1,30	PHS 16B-1A15
16	130,20	B	20	64	100	45	3,19	PHS 16B-1B16	16	130,20	A	20	1,49	PHS 16B-1A16
17	138,22	B	20	70	100	45	3,41	PHS 16B-1B17	17	138,22	A	20	1,68	PHS 16B-1A17
18	146,28	B	20	70	100	45	3,62	PHS 16B-1B18	18	146,28	A	20	1,91	PHS 16B-1A18
19	154,33	B	20	70	100	45	3,86	PHS 16B-1B19	19	154,33	A	20	2,12	PHS 16B-1A19
20	162,38	B	20	70	100	45	4,10	PHS 16B-1B20	20	162,38	A	20	2,39	PHS 16B-1A20
21	170,43	B	20	70	110	50	5,09	PHS 16B-1B21	21	170,43	A	20	2,64	PHS 16B-1A21
22	178,48	B	20	70	110	50	5,35	PHS 16B-1B22	22	178,48	A	20	2,91	PHS 16B-1A22
23	186,53	B	20	70	110	50	5,66	PHS 16B-1B23	23	186,53	A	20	3,16	PHS 16B-1A23
24	194,59	B	20	70	110	50	5,94	PHS 16B-1B24	24	194,59	A	20	3,43	PHS 16B-1A24
25	202,66	B	20	70	110	50	6,25	PHS 16B-1B25	25	202,66	A	20	3,72	PHS 16B-1A25
26	210,72	B	20	76	120	50	7,07	PHS 16B-1B26	26	210,72	A	20	4,08	PHS 16B-1A26
27	218,79	B	20	76	120	50	7,39	PHS 16B-1B27	27	218,79	A	20	4,40	PHS 16B-1A27
28	226,85	B	20	76	120	50	7,72	PHS 16B-1B28	28	226,85	A	20	4,79	PHS 16B-1A28
29	234,92	B	20	76	120	50	8,11	PHS 16B-1B29	29	234,92	A	20	5,14	PHS 16B-1A29
30	243,00	B	20	76	120	50	8,47	PHS 16B-1B30	30	243,00	A	20	5,53	PHS 16B-1A30
31	251,08	B	25	76	120	50	8,78	PHS 16B-1B31	31	251,08	A	25	5,89	PHS 16B-1A31
32	259,13	B	25	76	120	50	9,19	PHS 16B-1B32	32	259,13	A	25	6,33	PHS 16B-1A32
33	267,21	B	25	76	120	50	9,63	PHS 16B-1B33	33	267,21	A	25	6,70	PHS 16B-1A33
34	275,28	B	25	76	120	50	10,02	PHS 16B-1B34	34	275,28	A	25	7,00	PHS 16B-1A34
35	283,36	B	25	76	120	50	10,50	PHS 16B-1B35	35	283,36	A	25	7,60	PHS 16B-1A35
36	291,44	B	25	76	120	50	10,90	PHS 16B-1B36	36	291,44	A	25	8,08	PHS 16B-1A36
37	299,51	B	25	76	120	50	11,30	PHS 16B-1B37	37	299,51	A	25	8,50	PHS 16B-1A37
38	307,59	B	25	76	120	50	11,86	PHS 16B-1B38	38	307,59	A	25	8,98	PHS 16B-1A38
39	315,67	B	25	76	120	50	12,32	PHS 16B-1B39	39	315,67	A	25	9,34	PHS 16B-1A39
40	323,75	B	25	76	125	50	12,86	PHS 16B-1B40	40	323,75	A	25	9,94	PHS 16B-1A40
41	331,82	B	25	80	125	68	13,40	PHS 16B-1B41	41	331,82	A	25	10,50	PHS 16B-1A41
42	339,90	B	25	80	125	68	13,94	PHS 16B-1B42	42	339,90	A	25	11,02	PHS 16B-1A42
43	347,98	B	25	80	125	68	14,48	PHS 16B-1B43	43	347,98	A	25	11,64	PHS 16B-1A43
44	356,06	B	25	80	125	68	15,02	PHS 16B-1B44	44	356,06	A	25	12,08	PHS 16B-1A44
45	364,13	B	25	80	125	68	15,50	PHS 16B-1B45	45	364,13	A	25	12,60	PHS 16B-1A45
46	372,21	B	25	80	125	68	16,10	PHS 16B-1B46	46	372,21	A	25	13,20	PHS 16B-1A46
47	380,29	B	25	80	125	68	16,64	PHS 16B-1B47	47	380,29	A	25	13,94	PHS 16B-1A47
48	388,36	B	25	80	125	68	17,18	PHS 16B-1B48	48	388,36	A	25	14,54	PHS 16B-1A48
50	404,52	B	25	80	125	68	18,26	PHS 16B-1B50	50	404,52	A	25	15,86	PHS 16B-1A50
54	436,85	B	25	85	125	68	20,42	PHS 16B-1B54	54	436,85	A	30	18,51	PHS 16B-1A54
57	461,07	B	25	85	125	68	21,50	PHS 16B-1B57	57	461,07	A	30	20,50	PHS 16B-1A57
60	485,32	B	25	85	133	68	23,66	PHS 16B-1B60	60	485,32	A	30	22,95	PHS 16B-1A60
65	525,73	B	25	85	140	68	26,36	PHS 16B-1B65	65	525,73	A	30	27,03	PHS 16B-1A65
70	566,14	C	25	108	140	68	29,06	PHS 16B-1C70	70	566,14	A	30	31,11	PHS 16B-1A70
72	582,32	C	25	108	140	68	30,14	PHS 16B-1C72	72	582,32	A	30	32,74	PHS 16B-1A72
76	614,65	C	25	75	140	68	28,50	PHS 16B-1C76	76	614,65	A	30	36,00	PHS 16B-1A76
80	646,96	C	25	108	140	68	34,46	PHS 16B-1C80	80	646,96	A	30	40,42	PHS 16B-1A80
84	679,30	C	25	108	140	78	36,62	PHS 16B-1C84	84	679,30	A	30	44,84	PHS 16B-1A84
90	727,81	C	25	108	140	78	39,86	PHS 16B-1C90	90	727,81	A	30	51,47	PHS 16B-1A90
95	768,22	C	25	85	140	78	42,56	PHS 16B-1C95	95	768,22	A	30	57,00	PHS 16B-1A95
96	766,31	C	25	108	140	78	43,10	PHS 16B-1C96	96	766,31	A	30	58,11	PHS 16B-1A96
114	921,81	C	25	108	140	78	52,82	PHS 16B-1C114	114	921,81	A	30	78,00	PHS 16B-1A114

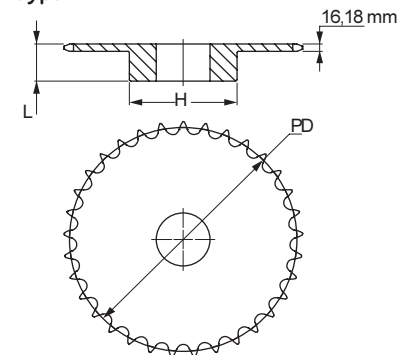
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

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

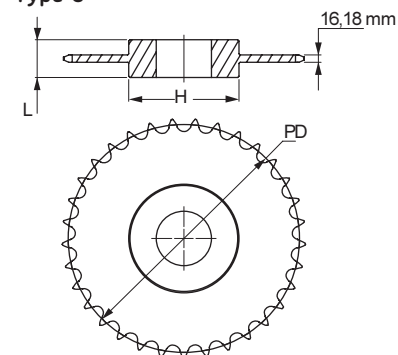
Type A



Type B



Type C



Metric sprockets

Simplex
Pilot bore



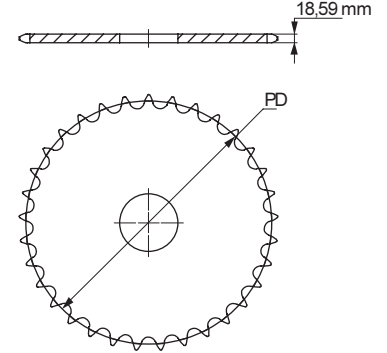
ISO 20B-1 31,75 mm Pitch

Pilot bore Type B/C

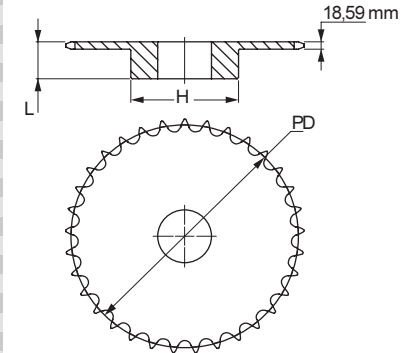
Type A

No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Pitch Diameter	Type	Bore Stock	Weight	Designation
			Min	Max	H	L								
	mm		mm	mm	mm	mm	kg			mm		mm	kg	
8	82,97	B	20	57	53	40	1,04	PHS 20B-1B8	8	82,97	A	16	0,63	PHS 20B-1A8
9	92,83	B	20	57	63	40	1,45	PHS 20B-1B9	9	92,83	A	16	0,95	PHS 20B-1A9
10	102,75	B	20	60	70	40	1,86	PHS 20B-1B10	10	102,75	A	16	1,27	PHS 20B-1A10
11	112,70	B	20	70	77	45	2,40	PHS 20B-1B11	11	112,70	A	16	1,59	PHS 20B-1A11
12	122,67	B	20	76	88	45	2,95	PHS 20B-1B12	12	122,67	A	20	1,91	PHS 20B-1A12
13	132,67	B	20	76	98	45	3,00	PHS 20B-1B13	13	132,67	A	20	2,18	PHS 20B-1A13
14	142,68	B	20	76	108	45	3,40	PHS 20B-1B14	14	142,68	A	20	2,49	PHS 20B-1A14
15	152,71	B	20	76	118	50	4,31	PHS 20B-1B15	15	152,71	A	20	2,68	PHS 20B-1A15
16	162,75	B	20	76	120	50	4,63	PHS 20B-1B16	16	162,75	A	20	3,08	PHS 20B-1A16
17	172,79	B	25	76	120	50	4,99	PHS 20B-1B17	17	172,79	A	20	3,54	PHS 20B-1A17
18	182,84	B	25	76	120	50	5,44	PHS 20B-1B18	18	182,84	A	20	3,81	PHS 20B-1A18
19	192,90	B	25	76	120	50	5,90	PHS 20B-1B19	19	192,90	A	20	4,31	PHS 20B-1A19
20	202,96	B	25	76	120	50	6,35	PHS 20B-1B20	20	202,96	A	20	4,58	PHS 20B-1A20
21	213,03	B	25	76	140	55	7,03	PHS 20B-1B21	21	213,03	A	25	5,17	PHS 20B-1A21
22	223,10	B	25	76	140	55	7,71	PHS 20B-1B22	22	223,10	A	25	5,72	PHS 20B-1A22
23	233,17	B	25	84	140	55	8,16	PHS 20B-1B23	23	233,17	A	25	5,99	PHS 20B-1A23
24	243,25	B	25	84	140	55	8,62	PHS 20B-1B24	24	243,25	A	25	6,62	PHS 20B-1A24
25	253,32	B	25	84	140	55	9,07	PHS 20B-1B25	25	253,32	A	25	6,94	PHS 20B-1A25
26	263,41	B	25	84	150	55	9,53	PHS 20B-1B26	26	263,41	A	25	7,62	PHS 20B-1A26
27	273,49	B	25	84	150	55	10,43	PHS 20B-1B27	27	273,49	A	25	8,35	PHS 20B-1A27
28	283,57	B	25	84	150	55	11,34	PHS 20B-1B28	28	283,57	A	25	8,85	PHS 20B-1A28
29	293,66	B	25	84	150	55	11,76	PHS 20B-1B29	29	293,66	A	25	9,43	PHS 20B-1A29
30	303,75	B	25	84	150	55	12,02	PHS 20B-1B30	30	303,75	A	25	9,98	PHS 20B-1A30
31	313,83	B	25	84	150	55	12,77	PHS 20B-1B31	31	313,83	A	25	10,73	PHS 20B-1A31
32	323,92	B	25	84	150	55	13,52	PHS 20B-1B32	32	323,92	A	25	11,49	PHS 20B-1A32
33	334,01	B	25	84	150	55	14,59	PHS 20B-1B33	33	334,01	A	25	12,24	PHS 20B-1A33
34	344,10	B	25	84	150	55	15,66	PHS 20B-1B34	34	344,10	A	25	13,00	PHS 20B-1A34
35	354,20	B	25	84	150	55	16,74	PHS 20B-1B35	35	354,20	A	25	13,75	PHS 20B-1A35
36	364,29	B	25	84	150	55	17,51	PHS 20B-1B36	36	364,29	A	25	14,50	PHS 20B-1A36
37	374,38	B	25	84	150	55	18,17	PHS 20B-1B37	37	374,38	A	25	15,25	PHS 20B-1A37
38	384,48	B	25	84	150	55	18,82	PHS 20B-1B38	38	384,48	A	25	16,01	PHS 20B-1A38
39	394,57	B	25	84	150	55	19,78	PHS 20B-1B39	39	394,57	A	25	16,76	PHS 20B-1A39
40	404,67	B	25	84	150	55	21,27	PHS 20B-1B40	40	404,67	A	25	17,52	PHS 20B-1A40
41	414,77	B	25	84	150	70	22,07	PHS 20B-1B41	41	414,77	A	30	18,27	PHS 20B-1A41
42	424,88	B	25	84	150	70	22,86	PHS 20B-1B42	42	424,88	A	30	19,03	PHS 20B-1A42
43	434,96	B	25	84	150	70	23,40	PHS 20B-1B43	43	434,96	A	30	19,78	PHS 20B-1A43
44	445,06	B	25	84	150	70	23,95	PHS 20B-1B44	44	445,06	A	30	20,53	PHS 20B-1A44
45	455,15	B	25	84	150	70	24,49	PHS 20B-1B45	45	455,15	A	30	21,29	PHS 20B-1A45
46	465,25	B	25	84	150	70	26,31	PHS 20B-1B46	46	465,25	A	30	22,04	PHS 20B-1A46
47	475,35	B	25	84	150	70	28,12	PHS 20B-1B47	47	475,35	A	30	22,79	PHS 20B-1A47
48	485,45	B	25	102	150	70	29,94	PHS 20B-1B48	48	485,45	A	30	23,55	PHS 20B-1A48
49	495,55	B	25	102	150	70	31,76	PHS 20B-1B49	49	495,55	A	30	24,30	PHS 20B-1A49
50	505,65	B	25	102	150	70	33,57	PHS 20B-1B50	50	505,65	A	30	25,06	PHS 20B-1A50
51	515,75	B	25	102	150	80	35,39	PHS 20B-1B51	51	515,75	A	30	24,43	PHS 20B-1A51
52	525,85	B	25	102	150	80	37,21	PHS 20B-1B52	52	525,85	A	30	25,85	PHS 20B-1A52
53	535,95	B	25	102	150	80	39,02	PHS 20B-1B53	53	535,95	A	30	27,27	PHS 20B-1A53
54	546,05	C	25	102	150	80	32,90	PHS 20B-1C54	54	546,05	A	30	25,70	PHS 20B-1A54
55	556,15	C	25	102	150	80	34,77	PHS 20B-1C55	55	556,15	A	30	30,12	PHS 20B-1A55
56	566,25	C	25	102	150	80	36,63	PHS 20B-1C56	56	566,25	A	30	31,34	PHS 20B-1A56
57	576,35	C	25	102	150	80	38,50	PHS 20B-1C57	57	576,35	A	30	32,96	PHS 20B-1A57
58	586,45	C	25	102	150	80	40,37	PHS 20B-1C58	58	586,45	A	30	35,80	PHS 20B-1A58
59	596,56	C	25	102	150	80	42,24	PHS 20B-1C59	59	596,56	A	30	37,22	PHS 20B-1A59
60	606,66	C	25	102	150	80	44,10	PHS 20B-1C60	60	606,66	A	30	38,64	PHS 20B-1A60
70	707,68	C	25	133	150	80	65,36	PHS 20B-1C70	70	707,68	A	30	52,85	PHS 20B-1A70
72	727,89	C	25	133	150	80	67,23	PHS 20B-1C72	72	727,89	A	30	55,70	PHS 20B-1A72
76	768,30	C	25	133	150	80	70,98	PHS 20B-1C76	76	768,30	A	30	61,38	PHS 20B-1A76
80	808,71	C	25	133	150	80	74,70	PHS 20B-1C80	80	808,71	A	30	67,06	PHS 20B-1A80
84	849,13	C	25	133	150	90	78,43	PHS 20B-1C84	84	849,13	A	30	72,75	PHS 20B-1A84
90	909,76	C	25	133	150	90	84,03	PHS 20B-1C90	90	909,76	A	30	81,27	PHS 20B-1A90
95	960,28	C	25	133	150	90	117,18	PHS 20B-1C95	95	960,28	A	30	102,42	PHS 20B-1A95
96	970,38	C	25	133	150	90	117,56	PHS 20B-1C96	96	970,38	A	30	103,84	PHS 20B-1A96
114	1152,27	C	25	133	150	90	124,40	PHS 20B-1C114	114	1152,27	A	30	130,84	PHS 20B-1A114

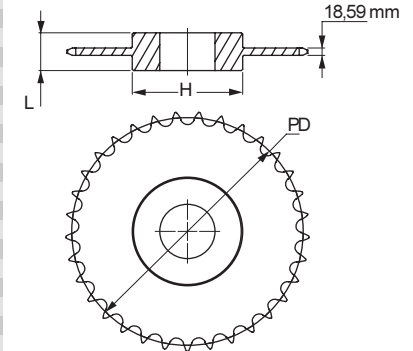
Type A



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.



Metric sprockets

Simplex

Pilot bore

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

ISO 24B-1 38,10 mm Pitch

Pilot bore Type B/C

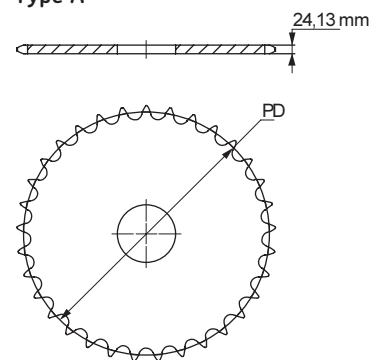
Type A

No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Pitch Diameter	Type	Bore Stock	Weight	Designation
			Min	Max	H	L								
	mm		mm	mm	mm	mm	kg			mm		mm	kg	
9	111,40	B	20	45	70	45	2,02	PHS 24B-1B9	9	111,40	A	20	1,69	PHS 24B-1A9
10	123,29	B	20	52	80	45	2,61	PHS 24B-1B10	10	123,29	A	20	1,88	PHS 24B-1A10
11	135,23	B	25	60	90	50	3,77	PHS 24B-1B11	11	135,23	A	20	2,06	PHS 24B-1A11
12	147,21	B	25	67	102	50	4,77	PHS 24B-1B12	12	147,21	A	20	2,68	PHS 24B-1A12
13	159,20	B	25	76	114	50	5,91	PHS 24B-1B13	13	159,20	A	20	3,06	PHS 24B-1A13
14	171,22	B	25	86	128	50	6,68	PHS 24B-1B14	14	171,22	A	20	3,72	PHS 24B-1A14
15	183,25	B	25	92	132	50	7,49	PHS 24B-1B15	15	183,25	A	20	4,31	PHS 24B-1A15
16	195,29	B	25	92	136	55	9,08	PHS 24B-1B16	16	195,29	A	25	4,86	PHS 24B-1A16
17	207,35	B	25	92	136	55	9,76	PHS 24B-1B17	17	207,35	A	25	5,44	PHS 24B-1A17
18	219,41	B	25	92	136	55	10,49	PHS 24B-1B18	18	219,41	A	25	6,13	PHS 24B-1A18
19	231,48	B	25	92	136	55	11,21	PHS 24B-1B19	19	231,48	A	25	7,03	PHS 24B-1A19
20	243,55	B	25	92	136	55	12,26	PHS 24B-1B20	20	243,55	A	25	7,94	PHS 24B-1A20
21	255,63	B	25	92	150	60	13,38	PHS 24B-1B21	21	255,63	A	25	8,62	PHS 24B-1A21
22	267,72	B	25	92	150	60	13,67	PHS 24B-1B22	22	267,72	A	25	9,76	PHS 24B-1A22
23	279,80	B	25	92	150	60	14,74	PHS 24B-1B23	23	279,80	A	25	10,43	PHS 24B-1A23
24	291,90	B	25	92	150	60	15,48	PHS 24B-1B24	24	291,90	A	25	11,35	PHS 24B-1A24
25	303,99	B	25	92	150	60	16,38	PHS 24B-1B25	25	303,99	A	25	12,47	PHS 24B-1A25
26	316,09	B	30	102	150	40	19,43	PHS 24B-1B26	26	316,09	A	30	13,39	PHS 24B-1A26
27	328,19	B	30	102	150	40	20,39	PHS 24B-1B27	27	328,19	A	30	14,53	PHS 24B-1A27
28	340,29	B	30	102	150	40	21,34	PHS 24B-1B28	28	340,29	A	30	15,89	PHS 24B-1A28
29	352,39	B	30	102	150	40	22,79	PHS 24B-1B29	29	352,39	A	30	17,02	PHS 24B-1A29
30	364,49	B	30	102	150	40	24,25	PHS 24B-1B30	30	364,49	A	30	18,39	PHS 24B-1A30
31	376,60	B	30	102	150	40	26,19	PHS 24B-1B31	31	376,60	A	30	20,02	PHS 24B-1A31
32	388,71	B	30	102	150	40	28,12	PHS 24B-1B32	32	388,71	A	30	21,66	PHS 24B-1A32
33	400,82	B	30	102	150	40	30,05	PHS 24B-1B33	33	400,82	A	30	23,29	PHS 24B-1A33
34	412,93	B	30	102	150	40	31,99	PHS 24B-1B34	34	412,93	A	30	24,93	PHS 24B-1A34
35	425,04	B	30	102	150	40	33,93	PHS 24B-1B35	35	425,04	A	30	26,56	PHS 24B-1A35
36	437,15	B	30	102	150	40	35,86	PHS 24B-1B36	36	437,15	A	30	28,19	PHS 24B-1A36
38	461,37	B	30	102	150	40	39,73	PHS 24B-1B38	38	461,37	A	30	31,46	PHS 24B-1A38
40	485,60	B	30	102	150	40	42,52	PHS 24B-1B40	40	485,60	A	30	36,23	PHS 24B-1A40
42	509,83	C	30	102	160	90	45,31	PHS 24B-1C42	42	509,83	A	30	40,99	PHS 24B-1A42
45	546,19	C	30	102	160	90	50,71	PHS 24B-1C45	45	546,19	A	30	48,14	PHS 24B-1A45
48	582,54	C	30	102	160	90	57,43	PHS 24B-1C48	48	582,54	A	30	55,29	PHS 24B-1A48
50	606,78	C	30	102	160	90	61,57	PHS 24B-1C50	50	606,78	A	30	60,05	PHS 24B-1A50
54	655,26	C	30	102	160	100	69,84	PHS 24B-1C54	54	655,26	A	30	69,58	PHS 24B-1A54
57	691,62	C	30	133	160	100	76,05	PHS 24B-1C57	57	691,62	A	30	76,73	PHS 24B-1A57
60	727,99	C	30	133	160	100	80,05	PHS 24B-1C60	60	727,99	A	30	85,19	PHS 24B-1A60
68	824,97	C	30	133	160	100	93,39	PHS 24B-1C68	68	824,97	A	40	107,74	PHS 24B-1A68
72	873,43	C	30	133	160	100	111,51	PHS 24B-1C72	72	873,43	A	40	119,02	PHS 24B-1A72
76	921,96	C	30	133	160	100	129,62	PHS 24B-1C76	76	921,96	A	40	130,30	PHS 24B-1A76
95	921,96	C	30	133	160	100	215,67	PHS 24B-1C95	95	921,96	A	40	183,88	PHS 24B-1A95
96	921,96	C	30	133	160	100	220,20	PHS 24B-1C96	96	921,96	A	40	186,70	PHS 24B-1A96
114	921,96	C	30	133	160	100	301,71	PHS 24B-1C114	114	921,96	A	40	237,46	PHS 24B-1A114

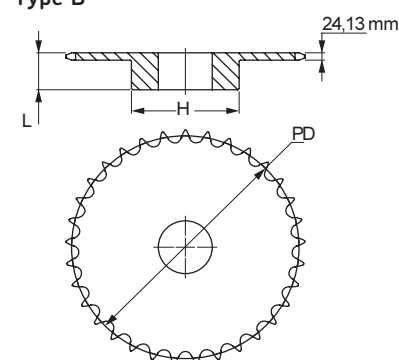
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

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

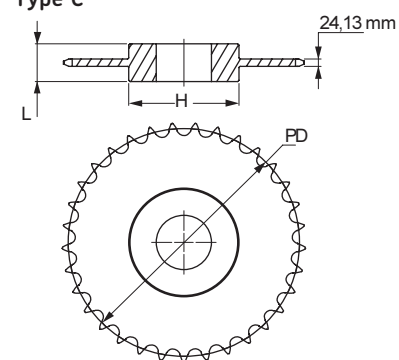
Type A



Type B



Type C





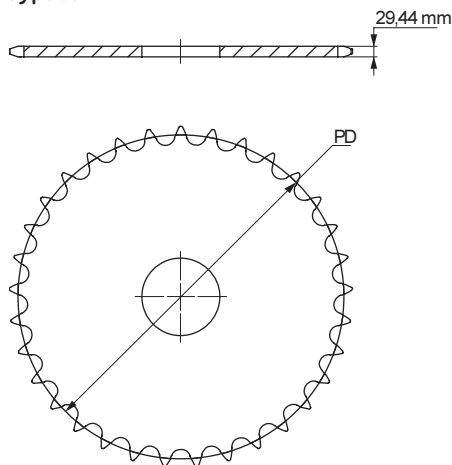
Metric sprockets



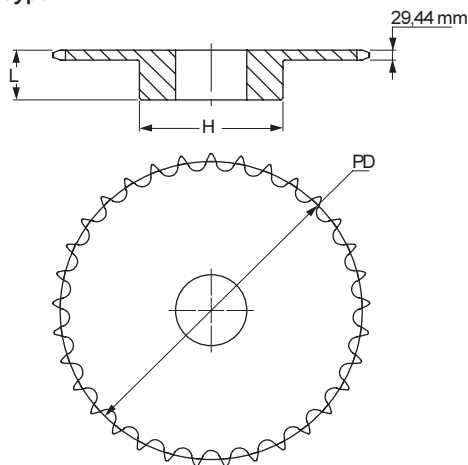
Simplex
Pilot bore

ISO 28B-1 44,45 mm Pitch

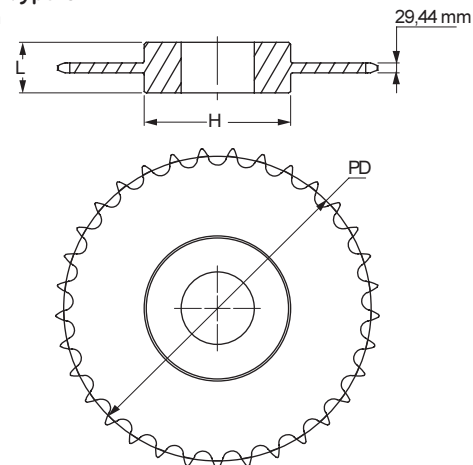
Type A



Type B



Type C



Pilot bore Type B/C

Type A

No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Pitch Diameter	Type	Bore Stock	Weight	Designation
			Min	Max	H	L								
	mm		mm	mm	mm	mm	kg			mm		mm	kg	
11	157,77	B	25	73	112	70	5,27	PHS 28B-1B11	11	157,77	A	20	3,18	PHS 28B-1A11
12	171,74	B	25	84	125	70	6,40	PHS 28B-1B12	12	171,74	A	20	3,95	PHS 28B-1A12
13	185,74	B	25	93	125	70	8,22	PHS 28B-1B13	13	185,74	A	20	4,31	PHS 28B-1A13
14	199,76	B	25	93	125	70	9,13	PHS 28B-1B14	14	199,76	A	20	4,77	PHS 28B-1A14
15	213,79	B	25	108	125	70	11,40	PHS 28B-1B15	15	213,79	A	20	5,45	PHS 28B-1A15
16	227,84	B	30	108	160	75	12,76	PHS 28B-1B16	16	227,84	A	30	6,81	PHS 28B-1A16
17	241,91	B	30	108	160	75	13,65	PHS 28B-1B17	17	241,91	A	30	7,71	PHS 28B-1A17
18	255,98	B	30	108	160	75	13,65	PHS 28B-1B18	18	255,98	A	30	8,63	PHS 28B-1A18
19	270,06	B	30	108	160	75	15,01	PHS 28B-1B19	19	270,06	A	30	9,53	PHS 28B-1A19
20	284,14	B	30	108	160	75	16,84	PHS 28B-1B20	20	284,14	A	30	10,44	PHS 28B-1A20
21	298,24	B	30	108	160	75	18,19	PHS 28B-1B21	21	298,24	A	30	11,79	PHS 28B-1A21
22	312,34	B	30	108	160	75	19,11	PHS 28B-1B22	22	312,34	A	30	13,17	PHS 28B-1A22
23	326,44	B	30	108	160	75	20,46	PHS 28B-1B23	23	326,44	A	30	14,06	PHS 28B-1A23
24	340,54	B	30	108	160	75	21,84	PHS 28B-1B24	24	340,54	A	30	15,44	PHS 28B-1A24
25	354,65	B	30	108	160	75	22,73	PHS 28B-1B25	25	354,65	A	30	16,78	PHS 28B-1A25
26	368,77	B	30	108	160	75	26,83	PHS 28B-1B26	26	368,77	A	30	18,61	PHS 28B-1A26
27	382,88	B	30	108	160	75	27,74	PHS 28B-1B27	27	382,88	A	30	20,43	PHS 28B-1A27
28	397,00	B	30	108	160	75	30,29	PHS 28B-1B28	28	397,00	A	30	20,88	PHS 28B-1A28
30	425,24	B	30	108	160	75	32,73	PHS 28B-1B30	30	425,24	A	30	25,17	PHS 28B-1A30
32	453,49	B	30	134	180	75	34,84	PHS 28B-1B32	32	453,49	A	30	31,02	PHS 28B-1A32
38	538,27	B	30	134	180	75	51,25	PHS 28B-1B38	38	538,27	A	30	48,58	PHS 28B-1A38
40	566,54	C	30	134	180	75	52,84	PHS 28B-1C40	40	566,54	A	30	52,80	PHS 28B-1A40
42	594,81	C	30	134	180	90	54,43	PHS 28B-1C42	42	594,81	A	30	57,02	PHS 28B-1A42
45	637,22	C	30	134	180	90	60,55	PHS 28B-1C45	45	637,22	A	30	63,35	PHS 28B-1A45
48	679,63	C	30	134	180	90	62,72	PHS 28B-1C48	48	679,63	A	30	69,68	PHS 28B-1A48
54	764,47	C	30	134	180	100	74,60	PHS 28B-1C54	54	764,47	A	30	82,34	PHS 28B-1A54
57	806,89	C	30	134	180	100	81,77	PHS 28B-1C57	57	806,89	A	40	88,67	PHS 28B-1A57
60	849,32	C	30	134	180	100	88,94	PHS 28B-1C60	60	849,32	A	40	97,97	PHS 28B-1A60
68	962,47	C	30	137	180	100	108,05	PHS 28B-1C68	68	962,47	A	40	122,79	PHS 28B-1A68
72	1019,04	C	30	137	180	100	117,61	PHS 28B-1C72	72	1019,04	A	40	135,19	PHS 28B-1A72
76	1075,62	C	30	137	180	100	127,17	PHS 28B-1C76	76	1075,62	A	40	147,60	PHS 28B-1A76
95	1344,39	C	30	137	180	100	172,57	PHS 28B-1C95	95	1344,39	A	40	206,53	PHS 28B-1A95

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.



Metric sprockets

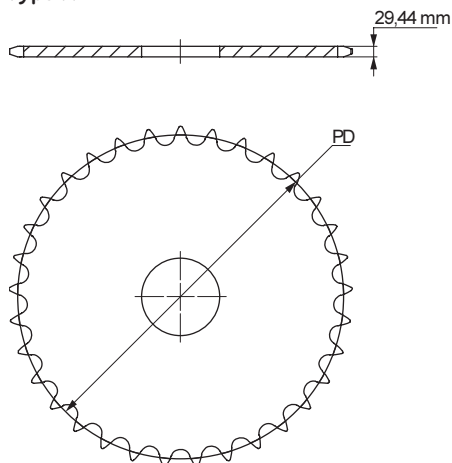
Simplex

Pilot bore

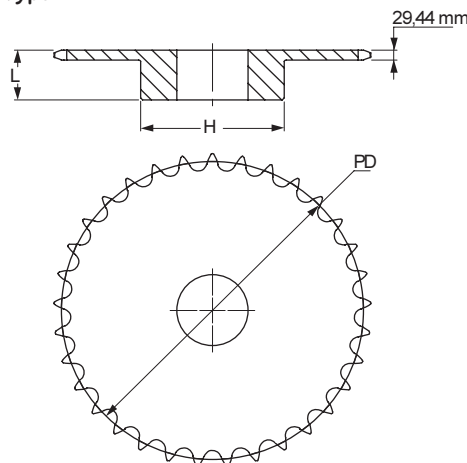
- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

ISO 32B-1 50,80 mm Pitch

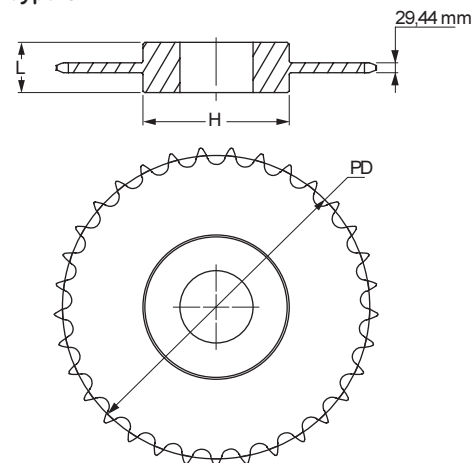
Type A



Type B



Type C



Pilot bore Type B/C

Type A

No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation	No. Teeth	Pitch Diameter	Type	Bore Stock	Weight	Designation
			Min	Max	H	L								
	mm		mm	mm	mm	mm	kg			mm		mm	kg	
11	180,31	B	30	83	120	90	9,04	PHS 32B-1B11	11	180,31	A	25	5,00	PHS 32B-1A11
12	196,28	B	30	89	133	90	11,11	PHS 32B-1B12	12	196,28	A	25	6,02	PHS 32B-1A12
13	212,27	B	30	102	145	90	12,61	PHS 32B-1B13	13	212,27	A	25	7,12	PHS 32B-1A13
14	228,29	B	30	102	145	90	14,97	PHS 32B-1B14	14	228,29	A	30	8,32	PHS 32B-1A14
15	244,33	B	30	102	145	90	17,32	PHS 32B-1B15	15	244,33	A	30	9,50	PHS 32B-1A15
16	260,39	B	30	103	160	90	18,78	PHS 32B-1B16	16	260,39	A	30	11,64	PHS 32B-1A16
17	276,46	B	30	103	160	90	20,23	PHS 32B-1B17	17	276,46	A	30	12,35	PHS 32B-1A17
18	292,55	B	30	103	160	90	21,88	PHS 32B-1B18	18	292,55	A	30	13,96	PHS 32B-1A18
19	308,64	B	30	103	160	90	23,53	PHS 32B-1B19	19	308,64	A	30	15,57	PHS 32B-1A19
20	324,74	B	30	133	180	90	25,37	PHS 32B-1B20	20	324,74	A	30	17,36	PHS 32B-1A20
21	340,84	B	30	133	180	90	27,20	PHS 32B-1B21	21	340,84	A	30	19,15	PHS 32B-1A21
22	356,96	B	30	133	180	90	29,23	PHS 32B-1B22	22	356,96	A	30	21,13	PHS 32B-1A22
23	373,07	B	30	133	180	90	31,25	PHS 32B-1B23	23	373,07	A	30	23,10	PHS 32B-1A23
24	389,19	B	30	133	180	90	35,33	PHS 32B-1B24	24	389,19	A	30	25,26	PHS 32B-1A24
25	405,32	B	30	133	180	90	36,80	PHS 32B-1B25	25	405,32	A	30	27,41	PHS 32B-1A25
26	421,45	B	30	133	180	90	39,41	PHS 32B-1B26	26	421,45	A	30	30,25	PHS 32B-1A26
27	437,58	B	30	133	180	90	42,02	PHS 32B-1B27	27	437,58	A	30	33,10	PHS 32B-1A27
28	453,72	B	30	133	180	90	44,62	PHS 32B-1B28	28	453,72	A	30	35,94	PHS 32B-1A28
30	485,99	B	30	133	180	90	49,84	PHS 32B-1B30	30	485,99	A	30	41,63	PHS 32B-1A30
32	518,28	B	30	139	180	90	58,02	PHS 32B-1B32	32	518,28	A	30	47,31	PHS 32B-1A32
38	615,17	B	30	139	180	90	86,78	PHS 32B-1B38	38	615,17	A	30	64,37	PHS 32B-1A38
40	647,47	C	30	139	180	90	91,35	PHS 32B-1C40	40	647,47	A	40	72,98	PHS 32B-1A40
42	679,78	C	30	139	180	90	95,91	PHS 32B-1C42	42	679,78	A	40	81,60	PHS 32B-1A42
45	728,25	C	30	139	180	100	116,97	PHS 32B-1C45	45	728,25	A	40	94,52	PHS 32B-1A45
48	790,72	C	30	139	180	100	130,43	PHS 32B-1C48	48	790,72	A	40	107,44	PHS 32B-1A48
54	873,68	C	30	139	180	100	157,34	PHS 32B-1C54	54	873,68	A	40	133,29	PHS 32B-1A54
57	922,16	C	30	139	180	100	190,79	PHS 32B-1C57	57	922,16	A	40	146,21	PHS 32B-1A57
60	990,65	C	30	139	200	110	184,25	PHS 32B-1C60	60	990,65	A	40	164,35	PHS 32B-1A60
68	1099,96	C	30	139	200	110	220,13	PHS 32B-1C68	68	1099,96	A	40	212,73	PHS 32B-1A68
72	1164,62	C	30	139	200	110	282,31	PHS 32B-1C72	72	1164,62	A	40	236,91	PHS 32B-1A72
90	1229,28	C	30	139	200	110	297,99	PHS 32B-1C90	90	1229,28	A	40	261,10	PHS 32B-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.



Metric sprockets



Simplex
Bored-to-size

ISO 06B-1 9,525 mm Pitch

Bored-to-size Type BS

No. Teeth	Pitch Diameter	L	Weight	Designation	Finished Bores (mm) Includes Keyway and Setscrew												
	mm	mm	kg		10*	11	12→	14→	16	18	19	20	22	24	25		
10	30,82	22	0,05	PHS 06B-1BS10X...	10*	11	12→	14→	16	18	19	20	22	24	25		
11	33,80	25	0,07	PHS 06B-1BS11X...	10*	11	12→	14→	16	18	19	20	22	24	25		
12	36,80	25	0,08	PHS 06B-1BS12X...	10*	11	12*	14	16	18	19	20	22	24	25		
13	39,79	25	0,09	PHS 06B-1BS13X...	10*	11	12*	14	16	18	19	20	22	24	25		
14	42,80	25	0,10	PHS 06B-1BS14X...	10*	11	12*	14	16	18	19	20	22	24	25		
15	45,81	25	0,11	PHS 06B-1BS15X...	10*	11	12*	14	16	18	19	20	22	24	25		
16	48,82	28	0,13	PHS 06B-1BS16X...	10*	11	12*	14	16	18	19	20	22	24	25		
17	51,83	28	0,16	PHS 06B-1BS17X...	10*	11	12*	14	16	18	19	20	22	24	25		
18	54,85	28	0,18	PHS 06B-1BS18X...	10*	11	12*	14	16	18	19	20	22	24	25		
19	57,87	28	0,20	PHS 06B-1BS19X...	10*	11	12*	14	16	18	19	20	22	24	25		
20	60,89	28	0,23	PHS 06B-1BS20X...	10*	11	12*	14	16	18	19	20	22	24	25		
21	63,91	28	0,34	PHS 06B-1BS21X...	10*	11	12*	14	16	18	19	20	22	24	25		
22	66,93	28	0,35	PHS 06B-1BS22X...	10*	11	12*	14	16	18	19	20	22	24	25		
23	69,95	28	0,35	PHS 06B-1BS23X...	10*	11	12*	14	16	18	19	20	22	24	25		
24	72,97	28	0,36	PHS 06B-1BS24X...	10*	11	12*	14	16	18	19	20	22	24	25		
25	76,00	28	0,36	PHS 06B-1BS25X...	10*	11	12*	14	16	18	19	20	22	24	25		
26	79,02	28	0,38	PHS 06B-1BS26X...	10*	11	12*	14	16	18	19	20	22	24	25		
27	82,05	28	0,38	PHS 06B-1BS27X...	10*	11	12*	14	16	18	19	20	22	24	25		
28	85,07	28	0,39	PHS 06B-1BS28X...	10*	11	12*	14	16	18	19	20	22	24	25		
29	88,10	28	0,40	PHS 06B-1BS29X...	10*	11	12*	14	16	18	19	20	22	24	25		
30	91,12	28	0,41	PHS 06B-1BS30X...	10*	11	12*	14	16	18	19	20	22	24	25		

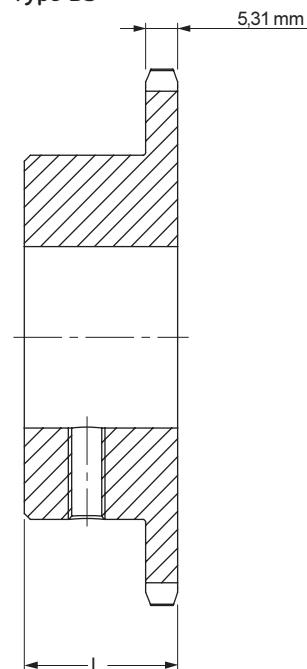
Hub diameters vary with bore size

* No Keyway

→Keyway with setscrews at 90° & 180°

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

Type BS



ISO 08B-1 12,70 mm Pitch

Bored-to-size Type BS

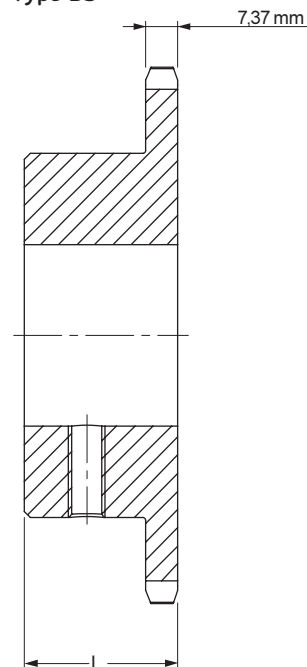
No. Teeth	Pitch Diameter	L	Weight	Designation	Finished Bores (mm) Includes Keyway and Setscrew													
	mm	mm	kg		12*	14	16	18	19	20	22	24	25	28	30	32	35	38
10	41,10	25	0,11	PHS 08B-1BS10X...	12*	14	16	18	19	20	22	24	25	28	30	32	35	38
11	45,07	25	0,13	PHS 08B-1BS11X...	12*	14	16	18	19	20	22	24	25	28	30	32	35	38
12	49,07	28	0,15	PHS 08B-1BS12X...	12*	14	16	18	19	20	22	24	25	28	30	32	35	38
13	53,06	28	0,20	PHS 08B-1BS13X...	12*	14	16	18	19	20	22	24	25	28	30	32	35	38
14	57,07	28	0,23	PHS 08B-1BS14X...	12*	14	16	18	19	20	22	24	25	28	30	32	35	38
15	61,09	28	0,24	PHS 08B-1BS15X...	12*	14	16	18	19	20	22	24	25	28	30	32	35	38
16	65,10	28	0,30	PHS 08B-1BS16X...	12*	14	16	18	19	20	22	24	25	28	30	32	35	38
17	69,11	28	0,40	PHS 08B-1BS17X...	12*	14	16	18	19	20	22	24	25	28	30	32	35	38
18	73,14	28	0,47	PHS 08B-1BS18X...	12*	14	16	18	19	20	22	24	25	28	30	32	35	38
19	77,16	28	0,53	PHS 08B-1BS19X...	12*	14	16	18	19	20	22	24	25	28	30	32	35	38
20	81,19	28	0,60	PHS 08B-1BS20X...	12*	14	16	18	19	20	22	24	25	28	30	32	35	38
21	85,22	28	0,69	PHS 08B-1BS21X...	12*	14	16	18	19	20	22	24	25	28	30	32	35	38
22	89,24	28	0,75	PHS 08B-1BS22X...	12*	14	16	18	19	20	22	24	25	28	30	32	35	38
23	93,27	28	0,87	PHS 08B-1BS23X...	12*	14	16	18	19	20	22	24	25	28	30	32	35	38
24	97,29	28	0,95	PHS 08B-1BS24X...	12*	14	16	18	19	20	22	24	25	28	30	32	35	38
25	101,33	28	1,01	PHS 08B-1BS25X...	12*	14	16	18	19	20	22	24	25	28	30	32	35	38
26	105,36	30	1,09	PHS 08B-1BS26X...	12*	14	16	18	19	20	22	24	25	28	30	32	35	38
27	109,40	30	1,13	PHS 08B-1BS27X...	12*	14	16	18	19	20	22	24	25	28	30	32	35	38
28	113,42	30	1,17	PHS 08B-1BS28X...	12*	14	16	18	19	20	22	24	25	28	30	32	35	38
30	121,50	30	1,46	PHS 08B-1BS30X...	12*	14	16	18	19	20	22	24	25	28	30	32	35	38

Hub diameters vary with bore size

* No Keyway

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

Type BS





Metric sprockets

Simplex

Bored-to-size

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

ISO 10B-1 15,88 mm Pitch

Bored-to-size Type BS

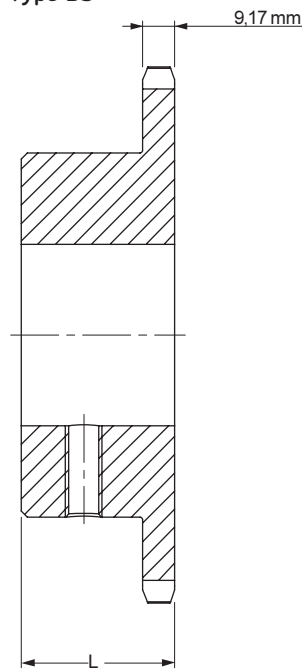
No. Teeth	Pitch Diameter	L	Weight	Designation	Finished Bores (mm) Includes Keyway and Setscrew															
	mm	mm	kg		16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
10	51,37	25	0,14	PHS 10B-1BS10X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
11	56,34	30	0,27	PHS 10B-1BS11X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
12	61,34	30	0,32	PHS 10B-1BS12X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
13	66,32	30	0,36	PHS 10B-1BS13X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
14	71,34	30	0,45	PHS 10B-1BS14X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
15	76,36	30	0,54	PHS 10B-1BS15X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
16	81,37	30	0,66	PHS 10B-1BS16X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
17	86,38	30	0,73	PHS 10B-1BS17X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
18	91,42	30	0,86	PHS 10B-1BS18X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
19	96,45	30	0,91	PHS 10B-1BS19X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
20	101,49	30	0,95	PHS 10B-1BS20X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
21	106,52	30	1,02	PHS 10B-1BS21X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
22	111,55	30	1,09	PHS 10B-1BS22X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
23	116,58	30	1,13	PHS 10B-1BS23X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
24	121,62	30	1,36	PHS 10B-1BS24X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
25	126,66	30	1,45	PHS 10B-1BS25X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
26	131,70	35	1,53	PHS 10B-1BS26X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
27	136,75	35	1,62	PHS 10B-1BS27X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
28	141,78	35	1,71	PHS 10B-1BS28X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
29	146,83	35	1,80	PHS 10B-1BS29X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50
30	151,87	35	1,88	PHS 10B-1BS30X...	16	18	19	20	22	24	25	28	30	32	35	38	40	42	48	50

Hub diameters vary with bore size

* Keyway with setscrews at 90° & 180°

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

Type BS



ISO 12B-1 19,05 mm Pitch

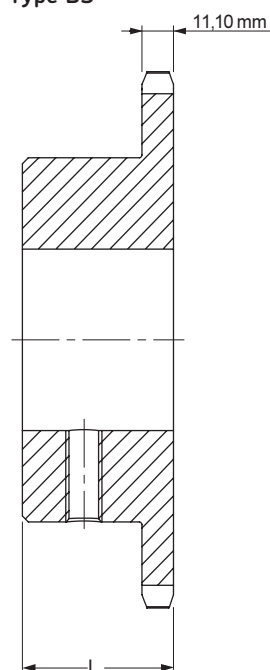
Bored-to-size Type BS

No. Teeth	Pitch Diameter	L	Weight	Designation	Finished Bores (mm) Includes Keyway and Setscrew															
	mm	mm	kg		19	20	22	24	25	28	30	32	35	38	40	42	45	48	50	
10	61,64	30	0,32	PHS 12B-1BS10X...	19	20	–	24	25	28	30	32	–	–	–	–	–	–	–	
11	67,61	35	0,41	PHS 12B-1BS11X...	19	20	–	24	25	28	30	32	–	–	–	–	–	–	–	
12	73,61	35	0,59	PHS 12B-1BS12X...	19	20	22	24	25	28	30	32	35	–	–	–	–	–	–	
13	79,59	35	0,59	PHS 12B-1BS13X...	19	20	22	24	25	28	30	32	35	38	–	–	–	–	–	
14	85,61	35	0,73	PHS 12B-1BS14X...	19	20	22	24	25	28	30	32	35	38	40	–	–	–	–	
15	91,63	35	0,77	PHS 12B-1BS15X...	19	20	22	24	25	28	30	32	35	38	40	–	–	–	–	
16	97,65	35	0,95	PHS 12B-1BS16X...	19	20	22	24	25	28	30	32	35	38	40	42	–	–	–	
17	103,67	35	1,09	PHS 12B-1BS17X...	–	–	–	–	25	28	30	32	35	38	40	42	–	–	–	
18	109,71	35	1,18	PHS 12B-1BS18X...	–	–	–	–	25	28	30	32	35	38	40	42	45	48	50	
19	115,75	35	1,54	PHS 12B-1BS19X...	–	–	–	–	25	28	30	32	35	38	40	42	45	48	50	
20	121,78	35	1,77	PHS 12B-1BS20X...	–	–	–	–	25	28	30	32	35	38	40	42	45	48	50	
21	127,82	35	2,00	PHS 12B-1BS21X...	–	–	–	–	25	28	30	32	35	38	40	42	45	48	50	
22	133,86	40	2,13	PHS 12B-1BS22X...	–	–	–	–	25	28	30	32	35	38	40	42	45	48	50	
23	139,90	40	2,27	PHS 12B-1BS23X...	–	–	–	–	25	28	30	32	35	38	40	42	45	48	50	
24	145,94	40	2,40	PHS 12B-1BS24X...	–	–	–	–	25	28	30	32	35	38	40	42	45	48	50	
25	152,00	40	2,45	PHS 12B-1BS25X...	–	–	–	–	25	28	30	32	35	38	40	42	45	48	50	
26	158,04	40	2,49	PHS 12B-1BS26X...	–	–	–	–	25	28	30	32	35	38	40	42	45	48	50	
27	164,09	40	2,53	PHS 12B-1BS27X...	–	–	–	–	25	28	30	32	35	38	40	42	45	48	50	
28	170,13	40	2,57	PHS 12B-1BS28X...	–	–	–	–	25	28	30	32	35	38	40	42	45	48	50	
29	176,19	40	2,61	PHS 12B-1BS29X...	–	–	–	–	25	28	30	32	35	38	40	42	45	48	50	
30	182,25	40	2,65	PHS 12B-1BS30X...	–	–	–	–	25	28	30	32	35	38	40	42	45	48	50	

Hub diameters vary with bore size

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

Type BS





Metric sprockets



Simplex

Bored-to-size

ISO 16B-1 25,40 mm Pitch

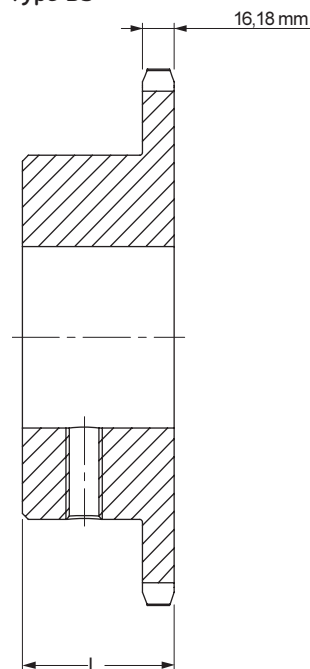
Bored-to-size Type BS

No. Teeth	Pitch Diameter	L	Weight	Designation	Finished Bores (mm)											
	mm	mm	kg		Includes Keyway and Setscrew											
11	90,14	40	0,82	PHS 16B-1BS11X...	25	28	30	32	35	38	40	42	—	—	—	—
12	98,14	40	1,36	PHS 16B-1BS12X...	25	28	30	32	35	38	40	42	—	—	—	—
13	106,12	40	1,59	PHS 16B-1BS13X...	25	28	30	32	35	38	40	42	45	48	50	—
14	114,15	40	1,86	PHS 16B-1BS14X...	25	28	30	32	35	38	40	42	45	48	50	—
15	122,17	40	2,36	PHS 16B-1BS15X...	25	28	30	32	35	38	40	42	45	48	50	—
16	130,20	45	2,49	PHS 16B-1BS16X...	25	28	30	32	35	38	40	42	45	48	50	—
17	138,22	45	2,72	PHS 16B-1BS17X...	25	28	30	32	35	38	40	42	45	48	50	—
18	146,28	45	2,95	PHS 16B-1BS18X...	25	28	30	32	35	38	40	42	45	48	50	—
19	154,33	45	3,18	PHS 16B-1BS19X...	25	28	30	32	35	38	40	42	45	48	50	—
20	162,38	45	3,63	PHS 16B-1BS20X...	25	28	30	32	35	38	40	42	45	48	50	—
21	170,43	45	4,04	PHS 16B-1BS21X...	25	28	30	32	35	38	40	42	45	48	50	—
22	178,48	45	4,31	PHS 16B-1BS22X...	25	28	30	32	35	38	40	42	45	48	50	—
23	186,53	50	4,63	PHS 16B-1BS23X...	25	28	30	32	35	38	40	42	45	48	50	—
24	194,59	50	4,90	PHS 16B-1BS24X...	25	28	30	32	35	38	40	42	45	48	50	—
25	202,66	50	5,17	PHS 16B-1BS25X...	25	28	30	32	35	38	40	42	45	48	50	—
26	210,72	50	5,44	PHS 16B-1BS26X...	25	28	30	32	35	38	40	42	45	48	50	—
27	218,79	50	5,71	PHS 16B-1BS27X...	25	28	30	32	35	38	40	42	45	48	50	—
28	226,85	50	5,98	PHS 16B-1BS28X...	25	28	30	32	35	38	40	42	45	48	50	—
29	234,92	50	6,25	PHS 16B-1BS29X...	25	28	30	32	35	38	40	42	45	48	50	—
30	243,00	65	6,52	PHS 16B-1BS30X...	25	28	30	32	35	38	40	42	45	48	50	—

Hub diameters vary with bore size

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

Type BS



ISO 20B-1 31,75 mm Pitch

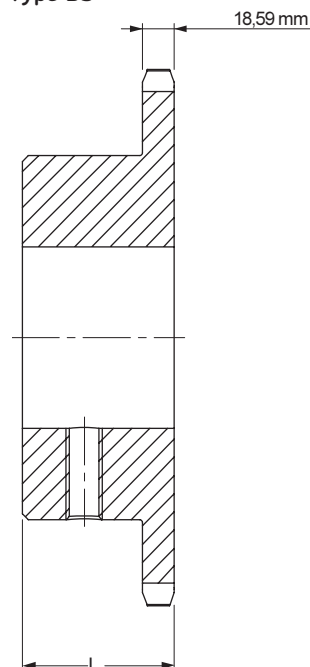
Bored-to-size Type BS

No. Teeth	Pitch Diameter	L	Weight	Designation	Finished Bores (mm)											
	mm	mm	kg		Includes Keyway and Setscrew											
9	92,84	40	1,36	PHS 20B-1BS9X...	25	28	30	32	35	38	—	—	—	—	—	—
10	102,74	40	1,77	PHS 20B-1BS10X...	25	28	30	32	35	38	—	—	—	—	—	—
11	112,68	45	2,22	PHS 20B-1BS11X...	25	28	30	32	35	38	40	42	45	50	60	—
12	122,68	45	2,72	PHS 20B-1BS12X...	25	28	30	32	35	38	40	42	45	50	60	—
13	132,65	45	2,81	PHS 20B-1BS13X...	25	28	30	32	35	38	40	42	45	50	60	—
14	142,68	45	2,99	PHS 20B-1BS14X...	—	—	—	—	32	35	38	40	42	45	50	60
15	152,72	45	3,81	PHS 20B-1BS15X...	—	—	—	—	32	35	38	40	42	45	50	60
16	162,75	50	4,08	PHS 20B-1BS16X...	—	—	—	—	—	38	40	42	45	50	60	65
17	172,78	50	4,49	PHS 20B-1BS17X...	—	—	—	—	—	38	40	42	45	50	60	65
18	182,85	50	4,81	PHS 20B-1BS18X...	—	—	—	—	—	38	40	42	45	50	60	65
19	192,91	50	5,49	PHS 20B-1BS19X...	—	—	—	—	—	38	40	42	45	50	60	65
20	202,98	50	5,99	PHS 20B-1BS20X...	—	—	—	—	—	38	40	42	45	50	60	65

Hub diameters vary with bore size

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

Type BS





Metric sprockets

Simplex

Taper Bushed

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

ISO 06B-1 9,525 mm Pitch

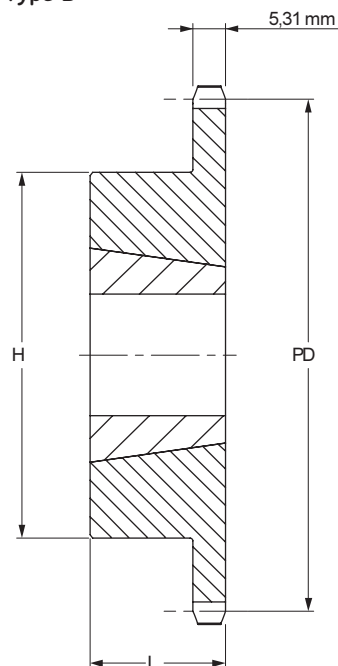
Taper Bushed Type B

No. Teeth	Pitch Diameter	Type	Bushing Size	Bore		Dimensions		Weight		Designation
				Min	Max	L	H	Rim	Bushing	
	mm			mm	mm	mm	mm	kg	kg	
16	48,82	B	1008	9	25,4	22	42,0+	0,12	0,09	PHS 06B-1TB16
17	51,83	B	1008	9	25,4	22	45,0	0,13	0,09	PHS 06B-1TB17
18	54,85	B	1008	9	25,4	22	45,0	0,14	0,09	PHS 06B-1TB18
19	57,87	B	1008	9	25,4	22	45,0	0,16	0,09	PHS 06B-1TB19
20	60,89	B	1008	9	25,4	22	46,0	0,18	0,09	PHS 06B-1TB20
21	63,91	B	1008	9	25,4	22	46,0	0,20	0,09	PHS 06B-1TB21
22	66,93	B	1108	9	28,0	22	52,0	0,24	0,12	PHS 06B-1TB22
23	69,95	B	1210	11	31,8	25	63,0+	0,30	0,21	PHS 06B-1TB23
24	72,97	B	1210	11	31,8	25	63,0	0,32	0,21	PHS 06B-1TB24
25	76,00	B	1210	11	31,8	25	63,0	0,35	0,21	PHS 06B-1TB25
26	79,02	B	1210	11	31,8	25	63,0	0,35	0,21	PHS 06B-1TB26
27	82,05	B	1210	11	31,8	25	63,0	0,38	0,21	PHS 06B-1TB27
28	85,07	B	1210	11	31,8	25	63,0	0,38	0,21	PHS 06B-1TB28
29	88,09	B	1210	11	31,8	25	63,0	0,40	0,21	PHS 06B-1TB29
30	91,12	B	1210	11	31,8	25	63,0	0,41	0,21	PHS 06B-1TB30
32	97,18	B	1210	11	31,8	25	63,0	0,58	0,21	PHS 06B-1TB32
35	106,26	B	1210	11	31,8	25	63,0	0,76	0,21	PHS 06B-1TB35
36	109,29	B	1210	11	31,8	25	63,0	0,82	0,21	PHS 06B-1TB36
38	115,35	B	1210	11	31,8	25	70,0	0,94	0,21	PHS 06B-1TB38
40	121,40	B	1210	11	31,8	25	70,0	1,06	0,21	PHS 06B-1TB40
45	136,55	B	1210	11	31,8	25	70,0	1,36	0,21	PHS 06B-1TB45
48	145,65	B	1210	11	31,8	25	70,0	1,54	0,21	PHS 06B-1TB48
54	163,82	B	1210	11	31,8	25	70,0	1,90	0,21	PHS 06B-1TB54
57	172,90	B	1210	11	31,8	25	70,0	1,60	0,21	PHS 06B-1TB57
60	182,00	B	1210	11	31,8	25	70,0	2,26	0,21	PHS 06B-1TB60
70	212,30	B	1210	11	31,8	25	70,0	2,86	0,21	PHS 06B-1TB70
76	230,49	B	1210	11	31,8	25	70,0	2,43	0,21	PHS 06B-1TB76
95	288,08	B	1210	11	31,8	25	110,0	2,72	0,21	PHS 06B-1TB95
114	345,68	B	1215	11	31,8	25	110,0	5,50	0,31	PHS 06B-1TB114

+ Undercut in hub for chain clearance

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

Type B





Metric sprockets

Simplex
Taper Bushed



ISO 08B-1 12,70 mm Pitch

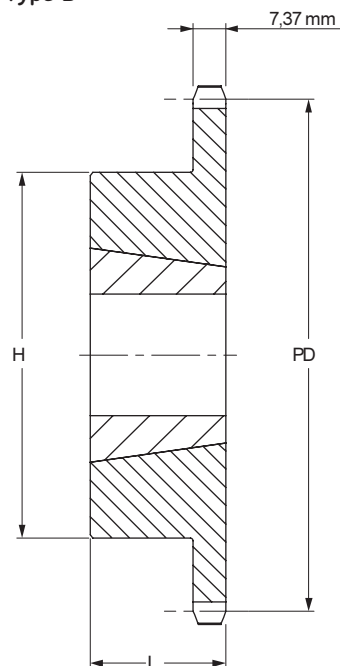
Taper Bushed Type B

No. Teeth	Pitch Diameter	Type	Bushing Size	Bore		Dimensions		Weight		Designation
				Min	Max	L	H	Rim	Bushing	
	mm			mm	mm	mm	mm	kg	kg	
14	57,07	B	1008	9	25,4	22	46+	0,12	0,14	PHS 08B-1TB14
15	61,09	B	1008	9	25,4	22	45,0	0,18	0,14	PHS 08B-1TB15
16	65,10	B	1108	9	28,0	22	52,0	0,24	0,16	PHS 08B-1TB16
17	69,11	B	1210	11	31,8	25	60+	0,24	0,27	PHS 08B-1TB17
18	73,14	B	1210	11	31,8	25	60+	0,30	0,27	PHS 08B-1TB18
19	77,16	B	1210	11	31,8	25	63,0	0,33	0,27	PHS 08B-1TB19
20	81,19	B	1610	11	31,8	25	71,0	0,32	0,41	PHS 08B-1TB20
21	85,22	B	1610	14	41,3	25	71,0	0,37	0,41	PHS 08B-1TB21
22	89,24	B	1610	14	41,3	25	76,0	0,50	0,41	PHS 08B-1TB22
23	93,27	B	1610	14	41,3	25	76,0	0,53	0,41	PHS 08B-1TB23
24	97,29	B	1610	14	41,3	25	76,0	0,54	0,41	PHS 08B-1TB24
25	101,33	B	1610	14	41,3	25	76,0	0,59	0,41	PHS 08B-1TB25
26	105,36	B	1610	14	41,3	25	76,0	0,61	0,41	PHS 08B-1TB26
27	109,40	B	1610	14	41,3	25	76,0	0,94	0,41	PHS 08B-1TB27
28	113,42	B	2012	14	50,8	25	90,0	0,86	0,77	PHS 08B-1TB28
29	117,46	B	2012	14	50,8	25	90,0	0,90	0,77	PHS 08B-1TB29
30	121,50	B	2012	14	50,8	32	90,0	0,94	0,59	PHS 08B-1TB30
32	129,57	B	2012	14	50,8	32	90,0	1,12	0,59	PHS 08B-1TB32
35	141,68	B	2012	14	50,8	32	90,0	1,30	0,59	PHS 08B-1TB35
36	145,72	B	2012	14	50,8	32	90,0	1,48	0,59	PHS 08B-1TB36
38	153,80	B	2012	14	50,8	32	90,0	1,67	0,59	PHS 08B-1TB38
40	161,87	B	2012	14	50,8	32	90,0	1,80	0,59	PHS 08B-1TB40
42	169,94	B	2012	14	50,8	32	100,0	1,93	0,59	PHS 08B-1TB42
45	182,07	B	2012	14	50,8	32	100,0	2,06	0,59	PHS 08B-1TB45
48	194,18	B	2012	14	50,8	32	100,0	2,36	0,59	PHS 08B-1TB48
54	218,42	B	2012	14	50,8	32	100,0	2,66	0,59	PHS 08B-1TB54
57	230,53	B	2012	14	50,8	32	100,0	3,07	0,59	PHS 08B-1TB57
60	242,66	B	2012	14	50,8	32	100,0	3,23	0,59	PHS 08B-1TB60
70	283,07	B	2012	14	50,8	32	100,0	3,39	0,59	PHS 08B-1TB70
72	291,15	B	2012	14	50,8	32	100,0	3,55	0,59	PHS 08B-1TB72
76	307,31	B	2012	14	50,8	32	100,0	3,71	0,59	PHS 08B-1TB76
80	323,49	B	2012	14	50,8	32	100,0	4,55	0,59	PHS 08B-1TB80
84	339,65	B	2012	14	50,8	32	100,0	5,39	0,59	PHS 08B-1TB84
95	384,10	B	2012	14	50,8	32	100,0	6,23	0,59	PHS 08B-1TB95
96	388,15	B	2012	14	50,8	32	100,0	7,00	0,59	PHS 08B-1TB96
114	460,90	B	2517	16	63,5	45	110,0	8,10	1,30	PHS 08B-1TB114

+ Undercut in hub for chain clearance

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

Type B





Metric sprockets

Simplex

Taper Bushed

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

ISO 10B-1 15,88 mm Pitch

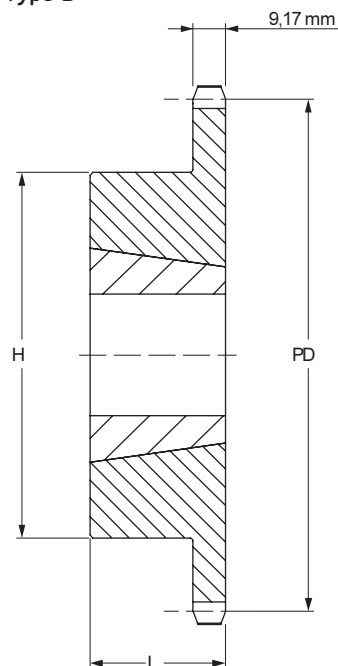
Taper Bushed Type B

No. Teeth	Pitch Diameter	Type	Bushing Size	Bore		Dimensions		Weight		Designation
				Min	Max	L	H	Rim	Bushing	
	mm			mm	mm	mm	mm	kg	kg	
12	61,34	B	1008	9	25,4	22	49,2+	0,21	0,09	PHS 10B-1TB12
13	66,32	B	1008	9	25,4	22	47,0	0,25	0,09	PHS 10B-1TB13
14	71,34	B	1108	9	25,4	22	52,0	0,27	0,12	PHS 10B-1TB14
15	76,36	B	1210	11	31,8	25	60,0	0,33	0,21	PHS 10B-1TB15
16	81,37	B	1610	14	41,3	25	70,6+	0,32	0,31	PHS 10B-1TB16
17	86,39	B	1610	14	41,3	25	71,0+	0,40	0,31	PHS 10B-1TB17
18	91,42	B	1610	14	41,3	25	75,0	0,50	0,31	PHS 10B-1TB18
19	96,45	B	1610	14	41,3	25	75,0	0,56	0,31	PHS 10B-1TB19
20	101,49	B	1610	14	41,3	25	76,0	0,64	0,31	PHS 10B-1TB20
21	106,52	B	1610	14	41,3	25	76,0	0,69	0,31	PHS 10B-1TB21
22	111,55	B	1610	14	41,3	25	76,0	0,75	0,31	PHS 10B-1TB22
23	116,58	B	1610	14	41,3	25	76,0	0,81	0,31	PHS 10B-1TB23
24	121,62	B	2012	14	50,8	32	90,0	1,00	0,59	PHS 10B-1TB24
25	126,66	B	2012	14	50,8	32	90,0	1,06	0,59	PHS 10B-1TB25
26	131,70	B	2012	14	50,8	32	90,0	1,14	0,59	PHS 10B-1TB26
27	136,75	B	2012	14	50,8	32	90,0	1,19	0,59	PHS 10B-1TB27
28	141,78	B	2012	14	50,8	32	90,0	1,28	0,59	PHS 10B-1TB28
29	146,83	B	2012	14	50,8	32	90,0	1,37	0,59	PHS 10B-1TB29
30	151,87	B	2012	14	50,8	32	90,0	1,65	0,59	PHS 10B-1TB30
32	161,96	B	2012	14	50,8	32	98,0	2,21	0,59	PHS 10B-1TB32
35	177,10	B	2012	14	50,8	32	98,0	3,05	0,59	PHS 10B-1TB35
36	182,15	B	2012	14	50,8	32	98,0	3,33	0,59	PHS 10B-1TB36
38	192,24	B	2012	14	50,8	32	100,0	3,89	0,59	PHS 10B-1TB38
40	202,33	B	2012	14	50,8	32	100,0	4,45	0,59	PHS 10B-1TB40
42	212,43	B	2012	14	50,8	32	100,0	5,01	0,59	PHS 10B-1TB42
45	227,58	B	2012	14	50,8	32	100,0	3,97	0,59	PHS 10B-1TB45
48	242,73	B	2012	14	50,8	32	100,0	6,69	0,59	PHS 10B-1TB48
54	273,03	B	2012	14	50,8	32	100,0	8,37	0,59	PHS 10B-1TB54
57	288,19	B	2012	14	50,8	32	100,0	5,45	0,59	PHS 10B-1TB57
60	303,33	B	2012	14	50,8	32	100,0	10,05	0,59	PHS 10B-1TB60
70	353,84	B	2012	16	63,5	45	100,0	12,85	1,30	PHS 10B-1TB70
72	363,95	B	2012	16	63,5	45	100,0	13,41	1,30	PHS 10B-1TB72
76	384,15	B	2012	14	50,8	45	100,0	7,43	0,59	PHS 10B-1TB76
80	404,35	B	2012	16	63,5	45	110,0	15,65	1,30	PHS 10B-1TB80
84	424,70	B	2012	16	63,5	45	110,0	16,77	1,30	PHS 10B-1TB84
95	480,14	B	2517	14	50,8	45	110,0	19,85	0,59	PHS 10B-1TB95
96	485,30	B	2517	16	63,5	45	110,0	20,13	1,30	PHS 10B-1TB96
114	576,13	B	2517	16	63,5	45	110,0	25,17	1,30	PHS 10B-1TB114

+ Undercut in hub for chain clearance

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

Type B



Metric sprockets

Simplex
Taper Bushed



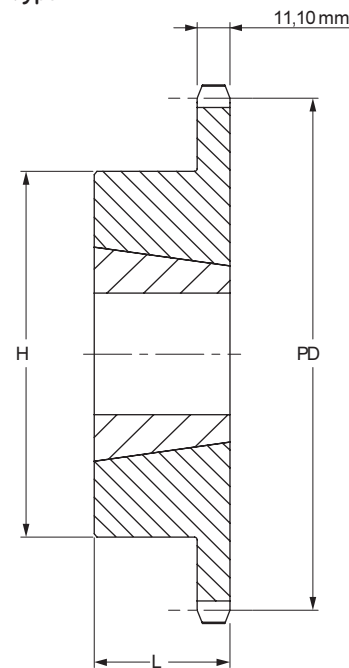
ISO 12B-1 19,05 mm Pitch

Taper Bushed Type B

No. Teeth	Pitch Diameter	Type	Bushing Size	Bore		Dimensions		Weight		Designation
	mm			Min	Max	L	H	Rim	Bushing	
11	67,61	B	1008	9	25,4	22	46,0	0,22	0,09	PHS 12B-1TB11
12	73,61	B	1008	9	25,4	22	49,2	0,30	0,09	PHS 12B-1TB12
13	79,59	B	1210	11	31,8	25	60,0	0,38	0,21	PHS 12B-1TB13
14	85,61	B	1610	14	41,3	25	70,0	0,46	0,31	PHS 12B-1TB14
15	91,63	B	1610	14	41,3	25	70,0	0,48	0,31	PHS 12B-1TB15
16	97,65	B	1610	14	41,3	25	75,0	0,60	0,31	PHS 12B-1TB16
17	103,67	B	1610	14	41,3	25	76,0	0,70	0,31	PHS 12B-1TB17
18	109,71	B	2012	14	50,8	32	90,0	0,86	0,59	PHS 12B-1TB18
19	115,75	B	2012	14	50,8	32	90,0	0,98	0,59	PHS 12B-1TB19
20	121,78	B	2012	14	50,8	32	95,0	1,25	0,59	PHS 12B-1TB20
21	127,82	B	2517	16	63,5	45	102,0	1,28	1,30	PHS 12B-1TB21
22	133,86	B	2517	16	63,5	45	102,0	1,37	1,30	PHS 12B-1TB22
23	139,90	B	2517	16	63,5	45	108,0	1,75	1,30	PHS 12B-1TB23
24	145,94	B	2517	16	63,5	45	108,0	1,85	1,30	PHS 12B-1TB24
25	152,00	B	2517	16	63,5	45	108,0	1,95	1,30	PHS 12B-1TB25
26	158,04	B	2517	16	63,5	45	108,0	2,09	1,30	PHS 12B-1TB26
27	164,09	B	2517	16	63,5	45	108,0	2,22	1,30	PHS 12B-1TB27
28	170,13	B	2517	16	63,5	45	108,0	2,36	1,30	PHS 12B-1TB28
29	176,19	B	2517	16	63,5	45	108,0	2,75	1,30	PHS 12B-1TB29
30	182,25	B	2517	16	63,5	45	108,0	2,89	1,30	PHS 12B-1TB30
32	194,36	B	2517	16	63,5	45	108,0	3,59	1,30	PHS 12B-1TB32
35	212,52	B	2517	16	63,5	45	108,0	4,41	1,30	PHS 12B-1TB35
36	218,58	B	2517	16	63,5	45	108,0	4,68	1,30	PHS 12B-1TB36
38	230,69	B	2517	16	63,5	45	108,0	4,60	1,30	PHS 12B-1TB38
40	242,81	B	2517	16	63,5	45	108,0	5,78	1,30	PHS 12B-1TB40
42	254,93	B	2517	16	63,5	45	108,0	6,33	1,30	PHS 12B-1TB42
45	273,10	B	2517	16	63,5	45	108,0	5,70	1,30	PHS 12B-1TB45
48	291,27	B	2517	16	63,5	45	108,0	7,97	1,30	PHS 12B-1TB48
54	327,64	B	2517	16	63,5	45	108,0	9,61	1,30	PHS 12B-1TB54
57	345,81	B	2517	16	63,5	45	108,0	6,49	1,30	PHS 12B-1TB57
60	363,99	B	2517	16	63,5	45	108,0	11,25	1,30	PHS 12B-1TB60
68	412,49	B	2517	16	63,5	45	108,0	13,44	1,30	PHS 12B-1TB68
70	424,60	B	2517	16	63,5	45	108,0	13,99	1,30	PHS 12B-1TB70
72	436,74	B	2517	16	63,5	45	108,0	14,54	1,30	PHS 12B-1TB72
76	460,99	B	2517	16	63,5	45	108,0	11,20	1,30	PHS 12B-1TB76
84	509,48	B	2517	16	63,5	45	108,0	17,82	1,30	PHS 12B-1TB84
95	576,17	B	2517	16	63,5	45	108,0	17,64	1,30	PHS 12B-1TB95
96	582,23	B	2517	16	63,5	45	108,0	21,11	1,30	PHS 12B-1TB96
114	691,36	B	2517	16	63,5	64	108,0	26,04	1,30	PHS 12B-1TB114

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

Type B





Metric sprockets

Simplex

Taper Bushed

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

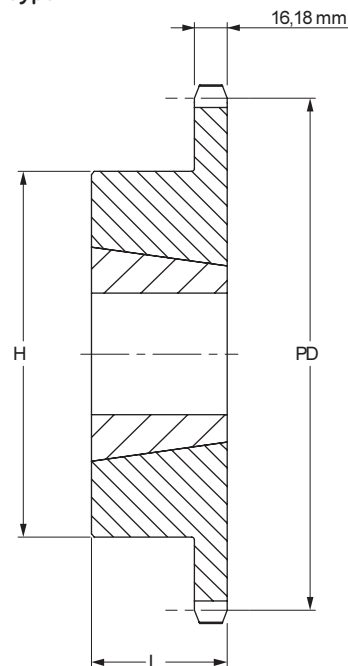
ISO 16B-1 25,40 mm Pitch

Taper Bushed Type B

No. Teeth	Pitch Diameter	Type	Bushing Size	Bore		Dimensions		Weight		Designation
				Min	Max	L	H	Rim	Bushing	
	mm			mm	mm	mm	mm	kg	kg	
10	82,19	B	1215	11	31,8	38	62,7	0,34	0,30	PHS 16B-1TB10
11	90,14	B	1215	11	31,8	38	62,7	0,57	0,30	PHS 16B-1TB11
12	98,14	B	1615	14	41,3	38	76,2	0,81	0,43	PHS 16B-1TB12
13	106,12	B	1615	14	41,3	38	73,0	1,03	0,43	PHS 16B-1TB13
14	114,15	B	1615	14	41,3	38	78,0	1,26	0,43	PHS 16B-1TB14
15	122,17	B	1615	14	41,3	38	76,0	1,40	0,43	PHS 16B-1TB15
16	130,20	B	2012	14	50,8	32	90,0	1,42	0,59	PHS 16B-1TB16
17	138,22	B	2012	14	50,8	32	90,0	1,60	0,59	PHS 16B-1TB17
18	146,28	B	2517	16	63,5	32	108,0	2,09	1,30	PHS 16B-1TB18
19	154,33	B	2517	16	63,5	45	108,0	2,30	1,30	PHS 16B-1TB19
20	162,38	B	2517	16	63,5	45	110,0	2,56	1,30	PHS 16B-1TB20
21	170,43	B	2517	16	63,5	45	110,0	2,80	1,30	PHS 16B-1TB21
22	178,48	B	2517	16	63,5	45	110,0	3,36	1,30	PHS 16B-1TB22
23	186,53	B	2517	16	63,5	45	110,0	3,34	1,30	PHS 16B-1TB23
24	194,59	B	2517	16	63,5	45	110,0	3,66	1,30	PHS 16B-1TB24
25	202,66	B	2517	16	63,5	45	110,0	3,96	1,30	PHS 16B-1TB25
26	210,72	B	2517	16	63,5	45	110,0	4,26	1,30	PHS 16B-1TB26
27	218,79	B	2517	16	63,5	45	110,0	4,63	1,30	PHS 16B-1TB27
28	226,85	B	2517	16	63,5	45	140,0	4,97	1,30	PHS 16B-1TB28
29	234,92	B	3020	25	76,2	51	140,0	6,24	2,24	PHS 16B-1TB29
30	243,00	B	3020	25	76,2	51	140,0	6,67	2,24	PHS 16B-1TB30
32	259,13	B	3020	25	76,2	51	140,0	8,37	2,24	PHS 16B-1TB32
35	283,36	B	3020	25	76,2	51	140,0	10,92	2,24	PHS 16B-1TB35
36	291,44	B	3020	25	76,2	51	140,0	11,77	2,24	PHS 16B-1TB36
38	307,59	B	3020	25	76,2	51	140,0	9,49	2,24	PHS 16B-1TB38
40	323,75	B	3020	25	76,2	51	140,0	15,17	2,24	PHS 16B-1TB40
45	364,13	B	3020	25	76,2	51	140,0	11,70	2,24	PHS 16B-1TB45
48	388,36	B	3020	25	76,2	51	140,0	18,91	2,24	PHS 16B-1TB48
54	436,85	B	3020	25	76,2	51	140,0	21,72	2,24	PHS 16B-1TB54
57	461,07	B	3020	25	76,2	51	140,0	15,00	2,24	PHS 16B-1TB57
60	485,32	B	3020	25	76,2	51	140,0	24,52	2,24	PHS 16B-1TB60
64	517,65	B	3020	25	76,2	51	140,0	26,39	2,24	PHS 16B-1TB64
70	566,14	B	3020	25	76,2	51	140,0	29,20	2,24	PHS 16B-1TB70
76	614,65	B	3020	25	76,2	51	140,0	23,00	2,24	PHS 16B-1TB76
80	646,96	B	3020	25	76,2	51	140,0	33,87	2,24	PHS 16B-1TB80
84	679,30	B	3020	25	76,2	51	140,0	35,74	2,24	PHS 16B-1TB84
95	768,22	B	3020	25	76,2	51	140,0	40,88	2,24	PHS 16B-1TB95
114	921,81	B	3020	25	76,2	76	140,0	49,77	2,24	PHS 16B-1TB114

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

Type B





Metric sprockets

Simplex
Taper Bushed



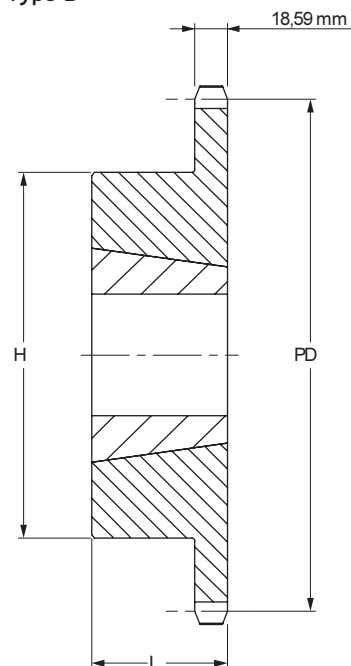
ISO 20B-1 31,75 mm Pitch

Taper Bushed Type B/C

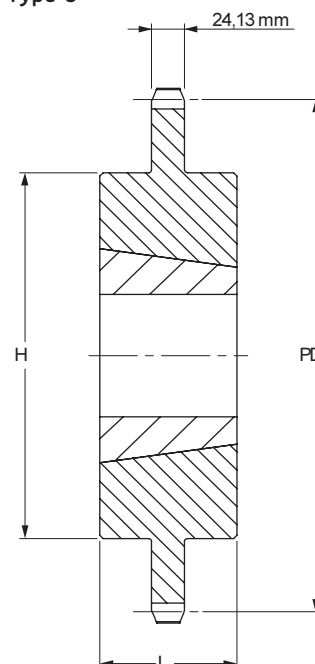
No. Teeth	Pitch Diameter	Type	Bushing Size	Bore		Dimensions		Weight		Designation
	mm			Min	Max	L	H	Rim	Bushing	
	mm			mm	mm	mm	mm	kg	kg	
11	112,70	B	1615	14	41,3	38	62,7	1,22	0,43	PHS 20B-1TB11
12	122,67	B	1615	14	41,3	38	70,6	1,41	0,43	PHS 20B-1TB12
13	132,67	B	2012	14	50,8	32	90,0	1,45	0,59	PHS 20B-1TB13
14	142,68	B	2012	14	50,8	32	90,5	1,63	0,59	PHS 20B-1TB14
15	152,71	B	2517	16	63,5	45	108,0	2,31	1,30	PHS 20B-1TB15
16	162,75	B	2517	16	63,5	45	108,0	2,72	1,30	PHS 20B-1TB16
17	172,79	B	2517	16	63,5	45	108,0	3,27	1,30	PHS 20B-1TB17
18	182,84	B	2517	16	63,5	45	108,0	3,63	1,30	PHS 20B-1TB18
19	192,90	B	2517	16	63,5	45	108,0	4,09	1,30	PHS 20B-1TB19
20	202,96	B	2517	16	63,5	45	108,0	4,40	1,30	PHS 20B-1TB20
21	213,03	B	2517	16	63,5	45	108,0	4,54	1,30	PHS 20B-1TB21
22	223,10	B	2517	16	63,5	45	108,0	4,77	1,30	PHS 20B-1TB22
23	233,17	B	2517	16	63,5	45	108,0	5,58	1,30	PHS 20B-1TB23
24	243,25	B	2517	16	63,5	45	108,0	6,13	1,30	PHS 20B-1TB24
25	253,32	B	2517	16	63,5	45	108,0	6,95	1,30	PHS 20B-1TB25
26	263,41	B	2517	16	63,5	51	108,0	7,35	1,30	PHS 20B-1TB26
28	283,57	B	3020	25	76,2	51	150,0	7,90	2,24	PHS 20B-1TB28
30	303,75	B	3020	25	76,2	51	150,0	9,62	2,24	PHS 20B-1TB30
32	323,92	B	3020	25	76,2	51	160,0	11,03	2,24	PHS 20B-1TB32
35	354,20	B	3020	25	76,2	51	160,0	13,15	2,24	PHS 20B-1TB35
36	364,29	B	3020	25	76,2	51	160,0	13,86	2,24	PHS 20B-1TB36
38	384,48	B	3020	25	76,2	51	160,0	15,98	2,24	PHS 20B-1TB38
40	404,67	B	3020	25	76,2	51	160,0	19,43	2,24	PHS 20B-1TB40
45	455,15	B	3020	25	76,2	51	160,0	25,18	2,24	PHS 20B-1TB45
48	485,45	B	3020	25	76,2	51	160,0	28,62	2,24	PHS 20B-1TB48
54	546,05	B	3020	25	76,2	51	160,0	35,52	2,24	PHS 20B-1TB54
57	576,35	B	3020	25	76,2	51	160,0	37,82	2,24	PHS 20B-1TB57
60	606,66	B	3020	25	76,2	51	160,0	41,27	2,24	PHS 20B-1TB60
70	707,68	C	3535	35	88,9	51	160,0	51,56	5,18	PHS 20B-1TB70
72	727,89	C	3535	35	88,9	51	160,0	53,97	5,18	PHS 20B-1TB72
76	768,30	C	3535	35	88,9	51	160,0	60,33	5,18	PHS 20B-1TB76
80	808,71	C	3535	35	88,9	51	160,0	66,23	5,18	PHS 20B-1TB80
84	849,13	C	3535	35	88,9	51	160,0	73,48	5,18	PHS 20B-1TB84
90	909,76	C	3535	35	88,9	51	160,0	94,33	5,18	PHS 20B-1TB90
95	960,28	C	3535	35	88,9	51	160,0	96,16	5,18	PHS 20B-1TB95

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

Type B



Type C





Metric sprockets

Simplex

Taper Bushed

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

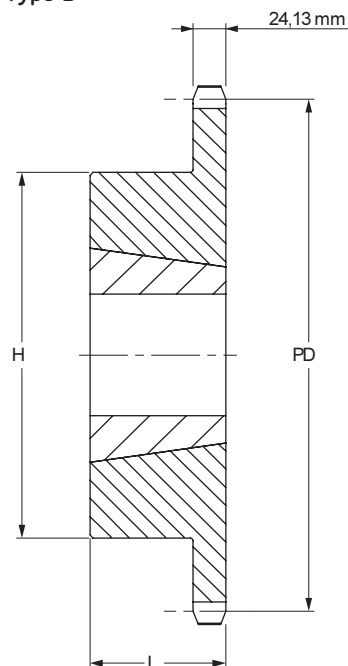
ISO 24B-1 38,10 mm Pitch

Taper Bushed Type B/C

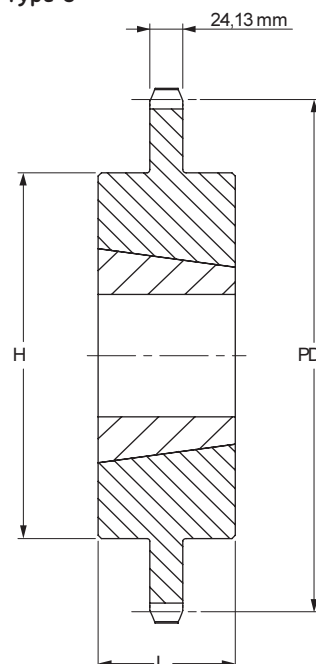
No. Teeth	Pitch Diameter	Type	Bushing Size	Bore		Dimensions		Weight		Designation
				Min	Max	L	H	Rim	Bushing	
	mm			mm	mm	mm	mm	kg	kg	
11	135,23	B	2012	14	50,8	31,8	90,5	2,28	0,59	PHS 24B-1TB11
12	147,21	B	2012	14	50,8	31,8	90,5	2,49	0,59	PHS 24B-1TB12
13	159,20	B	2517	16	63,5	44,5	107,9	2,77	1,30	PHS 24B-1TB13
14	171,22	B	2517	16	63,5	44,5	107,9	3,54	1,30	PHS 24B-1TB14
15	183,25	B	2517	16	63,5	44,5	107,9	4,31	1,30	PHS 24B-1TB15
16	195,29	B	3020	25	76,2	50,8	133,4	4,77	2,24	PHS 24B-1TB16
17	207,35	B	3020	25	76,2	50,8	133,4	5,45	2,24	PHS 24B-1TB17
18	219,41	B	3020	25	76,2	50,8	133,4	6,13	2,24	PHS 24B-1TB18
19	231,48	B	3020	25	76,2	50,8	133,4	6,81	2,24	PHS 24B-1TB19
20	243,55	B	3020	25	76,2	50,8	133,4	7,49	2,24	PHS 24B-1TB20
21	255,63	B	3020	25	76,2	50,8	133,4	7,94	2,24	PHS 24B-1TB21
22	267,72	B	3020	25	76,2	50,8	133,4	8,75	2,24	PHS 24B-1TB22
23	279,80	B	3020	25	76,2	50,8	133,4	9,53	2,24	PHS 24B-1TB23
24	291,90	B	3020	25	76,2	50,8	133,4	10,67	2,24	PHS 24B-1TB24
25	303,99	B	3020	25	76,2	50,8	133,4	11,80	2,24	PHS 24B-1TB25
26	316,09	B	3020	25	76,2	50,8	133,4	12,93	2,24	PHS 24B-1TB26
27	328,19	B	3020	25	76,2	50,8	133,4	13,50	2,24	PHS 24B-1TB27
28	340,29	B	3020	25	76,2	50,8	133,4	14,70	2,24	PHS 24B-1TB28
29	352,29	B	3020	25	76,2	50,8	133,4	14,75	2,24	PHS 24B-1TB29
30	364,49	B	3020	25	76,2	50,8	133,4	15,20	2,24	PHS 24B-1TB30
32	388,71	B	3020	25	76,2	50,8	133,4	15,76	2,24	PHS 24B-1TB32
38	461,37	B	3030	35	76,2	76,2	139,7	24,97	3,04	PHS 24B-1TB38
40	485,60	C	3030	35	76,2	76,2	139,7	28,46	3,04	PHS 24B-1TB40
42	509,83	C	3030	35	76,2	76,2	139,7	31,95	3,04	PHS 24B-1TB42
45	546,19	C	3030	35	76,2	76,2	139,7	37,19	3,04	PHS 24B-1TB45
48	582,54	C	3030	35	76,2	76,2	139,7	42,43	3,04	PHS 24B-1TB48
50	606,78	C	3030	35	76,2	76,2	139,7	45,92	3,04	PHS 24B-1TB50
54	655,26	C	3535	35	88,9	88,9	165,1	63,32	5,18	PHS 24B-1TB54
57	691,62	C	3535	35	88,9	88,9	165,1	71,46	5,18	PHS 24B-1TB57
60	727,99	C	3535	35	88,9	88,9	165,1	79,60	5,18	PHS 24B-1TB60
68	824,97	C	3535	35	88,9	88,9	165,1	101,31	5,18	PHS 24B-1TB68
72	873,46	C	3535	35	88,9	88,9	165,1	112,17	5,18	PHS 24B-1TB72
76	921,96	C	3535	35	88,9	88,9	165,1	123,02	5,18	PHS 24B-1TB76
95	1152,33	C	4040	40	101,6	101,6	196,9	196,67	8,27	PHS 24B-1TB95
96	1164,46	C	4040	40	101,6	101,6	196,9	201,03	8,27	PHS 24B-1TB96
114	1382,72	C	4040	40	101,6	101,6	196,9	279,50	8,27	PHS 24B-1TB114

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

Type B



Type C





Metric sprockets



Simplex
Taper Bushed

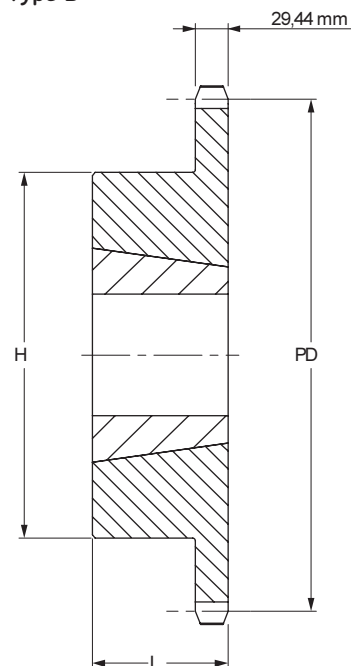
ISO 28B-1 44,45 mm Pitch

Taper Bushed Type B/C

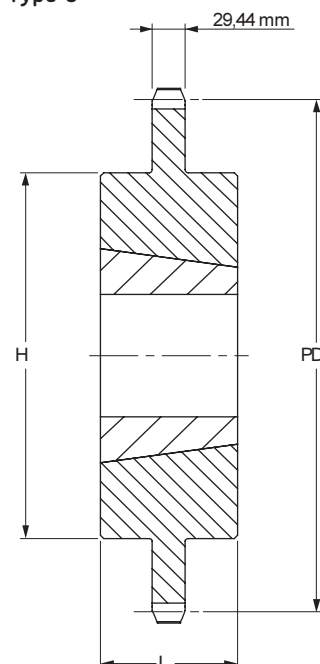
No. Teeth	Pitch Diameter	Type	Bushing Size	Bore		Dimensions		Weight		Designation
				Min	Max	L	H	Rim	Bushing	
	mm			mm	mm	mm	mm	kg	kg	
11	157,77	B	2517	16	63,5	44,5	107,9	3,53	1,30	PHS 28B-1TB11
12	171,74	B	2517	16	63,5	44,5	107,9	3,86	1,30	PHS 28B-1TB12
13	185,75	B	3020	25	76,2	50,8	133,4	5,90	2,24	PHS 28B-1TB13
14	199,76	B	3020	25	76,2	50,8	133,4	7,04	2,24	PHS 28B-1TB14
15	213,79	B	3020	25	76,2	50,8	133,4	8,17	2,24	PHS 28B-1TB15
16	227,84	B	3020	25	76,2	50,8	133,4	9,76	2,24	PHS 28B-1TB16
17	241,91	B	3020	25	76,2	50,8	133,4	11,35	2,24	PHS 28B-1TB17
18	255,98	B	3020	25	76,2	50,8	133,4	12,49	2,24	PHS 28B-1TB18
19	270,06	B	3020	25	76,2	50,8	133,4	13,62	2,24	PHS 28B-1TB19
20	284,15	B	3020	25	76,2	50,8	133,4	14,30	2,24	PHS 28B-1TB20
21	298,24	B	3020	25	76,2	50,8	133,4	14,98	2,24	PHS 28B-1TB21
22	312,34	B	3020	25	76,2	50,8	133,4	16,91	2,24	PHS 28B-1TB22
23	326,44	B	3020	25	76,2	50,8	133,4	18,84	2,24	PHS 28B-1TB23
24	340,55	B	3020	25	76,2	50,8	133,4	20,77	2,24	PHS 28B-1TB24
25	354,66	B	3020	25	76,2	50,8	133,4	22,70	2,24	PHS 28B-1TB25
26	368,77	B	3020	25	76,2	50,8	133,4	24,63	2,24	PHS 28B-1TB26
27	382,88	B	3020	25	76,2	50,8	133,4	26,56	2,24	PHS 28B-1TB27
28	397,00	B	3020	25	76,2	50,8	133,4	28,49	2,24	PHS 28B-1TB28
30	425,24	B	3020	25	76,2	50,8	133,4	32,35	2,24	PHS 28B-1TB30
32	453,49	B	3020	25	76,2	50,8	133,4	36,21	2,24	PHS 28B-1TB32
38	538,27	B	3535	35	88,9	88,9	165,1	45,40	3,56	PHS 28B-1TB38
40	566,54	C	3535	35	88,9	88,9	165,1	47,79	3,56	PHS 28B-1TB40
42	594,82	C	3535	35	88,9	88,9	165,1	50,18	3,56	PHS 28B-1TB42
45	637,22	C	4040	40	101,6	101,6	219,1	57,35	8,27	PHS 28B-1TB45
48	679,63	C	4040	40	101,6	101,6	219,1	61,17	8,27	PHS 28B-1TB48
54	764,46	C	4040	40	101,6	101,6	219,1	68,82	8,27	PHS 28B-1TB54
57	806,90	C	4040	40	101,6	101,6	219,1	72,64	8,27	PHS 28B-1TB57
60	849,32	C	4040	40	101,6	101,6	219,1	76,44	8,27	PHS 28B-1TB60
68	962,46	C	4040	40	101,6	101,6	219,1	86,63	8,27	PHS 28B-1TB68
72	1019,05	C	4040	40	101,6	101,6	219,1	91,73	8,27	PHS 28B-1TB72
76	1075,62	C	4040	40	101,6	101,6	219,1	96,83	8,27	PHS 28B-1TB76
95	1344,37	C	4040	40	101,6	101,6	219,1	121,03	8,27	PHS 28B-1TB95

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

Type B



Type C





Metric sprockets

Simplex

Taper Bushed

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

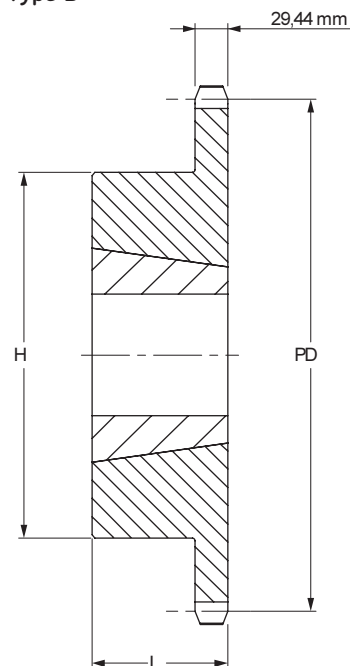
ISO 32B-1 50,80 mm Pitch

Taper Bushed Type B/C

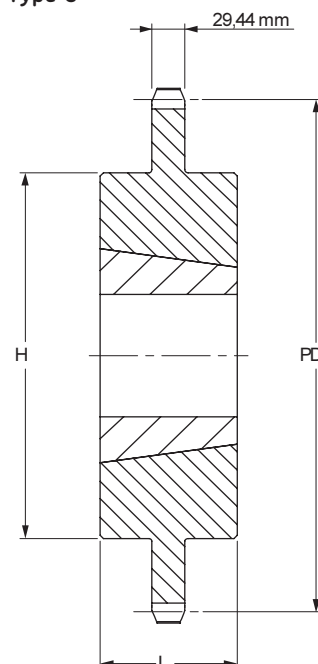
No. Teeth	Pitch Diameter	Type	Bushing Size	Bore		Dimensions		Weight		Designation
				Min	Max	L	H	Rim	Bushing	
	mm			mm	mm	mm	mm	kg	kg	
11	180,34	B	2517	16	63,5	44,5	107,9	4,51	1,30	PHS 32B-1TB11
12	196,29	B	3020	25	76,2	50,8	133,4	5,27	2,24	PHS 32B-1TB12
13	212,29	B	3020	25	76,2	50,8	133,4	6,38	2,24	PHS 32B-1TB13
14	228,29	B	3020	25	76,2	50,8	133,4	6,87	2,24	PHS 32B-1TB14
15	244,30	B	3535	35	88,9	88,9	165,1	11,80	5,18	PHS 32B-1TB15
16	260,40	B	3535	35	88,9	88,9	165,1	13,38	5,18	PHS 32B-1TB16
17	276,40	B	3535	35	88,9	88,9	165,1	14,98	5,18	PHS 32B-1TB17
18	292,55	B	3535	35	88,9	88,9	165,1	16,12	5,18	PHS 32B-1TB18
19	308,66	B	3535	35	88,9	88,9	165,1	17,25	5,18	PHS 32B-1TB19
20	324,71	B	3535	35	88,9	88,9	165,1	21,10	5,18	PHS 32B-1TB20
21	340,82	B	3535	35	88,9	88,9	165,1	24,94	5,18	PHS 32B-1TB21
22	356,98	B	3535	35	88,9	88,9	165,1	27,79	5,18	PHS 32B-1TB22
23	373,08	B	3535	35	88,9	88,9	165,1	30,64	5,18	PHS 32B-1TB23
24	389,18	B	3535	35	88,9	88,9	165,1	33,48	5,18	PHS 32B-1TB24
25	405,33	B	3535	35	88,9	88,9	165,1	36,32	5,18	PHS 32B-1TB25
26	421,44	B	3535	35	88,9	88,9	165,1	39,16	5,18	PHS 32B-1TB26
27	437,59	B	3535	35	88,9	88,9	165,1	42,00	5,18	PHS 32B-1TB27
28	453,69	B	3535	35	88,9	88,9	165,1	44,84	5,18	PHS 32B-1TB28
30	486,00	B	3535	35	88,9	88,9	165,1	50,52	5,18	PHS 32B-1TB30
32	518,26	B	3535	35	88,9	88,9	165,1	56,20	5,18	PHS 32B-1TB32
38	615,14	B	4040	40	101,6	101,6	219,1	68,10	8,27	PHS 32B-1TB38
40	647,49	C	4040	40	101,6	101,6	219,1	77,08	8,27	PHS 32B-1TB40
45	728,26	C	4040	40	101,6	101,6	219,1	99,53	8,27	PHS 32B-1TB45
48	776,72	C	4040	40	101,6	101,6	219,1	113,01	8,27	PHS 32B-1TB48
54	873,68	C	4040	40	101,6	114,3	219,1	139,95	8,27	PHS 32B-1TB54
57	922,17	C	4545	55	114,3	114,3	247,7	136,20	9,99	PHS 32B-1TB57
60	970,63	C	4545	55	114,3	114,3	247,7	158,84	9,99	PHS 32B-1TB60
64	1035,30	C	4545	55	114,3	114,3	247,7	189,03	9,99	PHS 32B-1TB64
70	1132,29	C	4545	55	114,3	114,3	247,7	234,32	9,99	PHS 32B-1TB70

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

Type B



Type C





Metric sprockets

Double Simplex



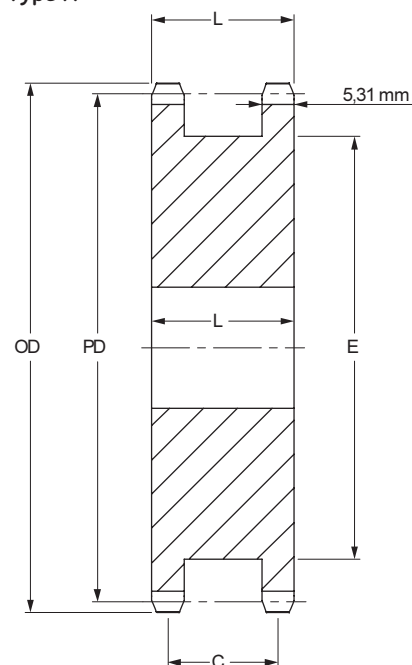
ISO 06B-1 9,525 mm Pitch

Double Simplex Type A

No. Teeth	Diameters		Type	Bore		Dimensions			Weight kg	Designation
	Outside	Pitch		Min	Max	L	C	E		
14	46,3	42,80	A	10	20	25,5	20,3	31	0,17	PHS 06B-1DSA14
15	49,3	45,81	A	10	23	25,5	20,3	34	0,20	PHS 06B-1DSA15
16	52,3	48,82	A	10	25	25,5	20,3	37	0,23	PHS 06B-1DSA16
17	55,3	51,83	A	12	27	25,5	20,3	40	0,27	PHS 06B-1DSA17
18	58,3	54,85	A	12	29	25,5	20,3	43	0,30	PHS 06B-1DSA18
19	61,3	57,87	A	12	31	25,5	20,3	46	0,35	PHS 06B-1DSA19
20	64,3	60,89	A	12	33	25,5	20,3	48	0,39	PHS 06B-1DSA20
21	68,0	63,91	A	15	35	25,5	20,3	52	0,44	PHS 06B-1DSA21
22	71,0	66,93	A	15	36	25,5	20,3	55	0,50	PHS 06B-1DSA22
23	73,5	69,95	A	15	38	25,5	20,3	59	0,55	PHS 06B-1DSA23
24	77,0	72,97	A	15	40	25,5	20,3	61	0,61	PHS 06B-1DSA24
25	80,0	76,02	A	15	43	25,5	20,3	65	0,67	PHS 06B-1DSA25

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

Type A



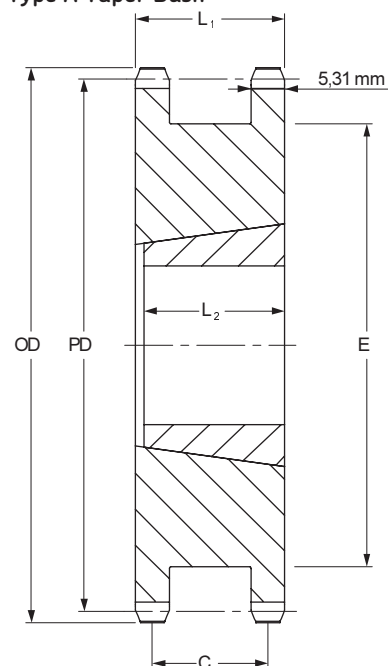
Double Simplex Taper Bushed Type A

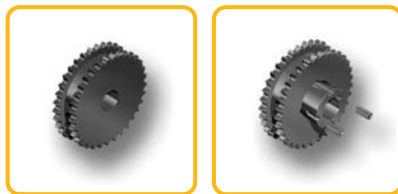
No. Teeth	Bushing Size	Diameters		Type	Bore		Dimensions				Weight* kg	Designation
		Outside	Pitch		Min	Max	L ₁	C	E	L ₂		
18	1008	58,3	54,85	A	9	25	23,5	18,17	43	22,2	0,19	PHS 06B-1DSTB18
19	1008	61,3	57,87	A	9	25	23,5	18,17	46	22,2	0,23	PHS 06B-1DSTB19
20	1108	64,3	60,89	A	9	28	23,5	18,17	48	22,2	0,25	PHS 06B-1DSTB20
21	1108	68,0	63,91	A	9	28	23,5	18,17	52	22,2	0,31	PHS 06B-1DSTB21
22	1108	71,0	66,93	A	9	28	23,5	18,17	55	22,2	0,36	PHS 06B-1DSTB22
23	1108	73,5	69,95	A	9	28	23,5	18,17	58	22,2	0,41	PHS 06B-1DSTB23
24	1108	77,0	72,97	A	9	28	23,5	18,17	61	22,2	0,47	PHS 06B-1DSTB24
25	1108	80,0	76,02	A	9	28	23,5	18,17	64	22,2	0,53	PHS 06B-1DSTB25

* Weight for rim only

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

Type A Taper Bush





Metric sprockets

Double Simplex

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

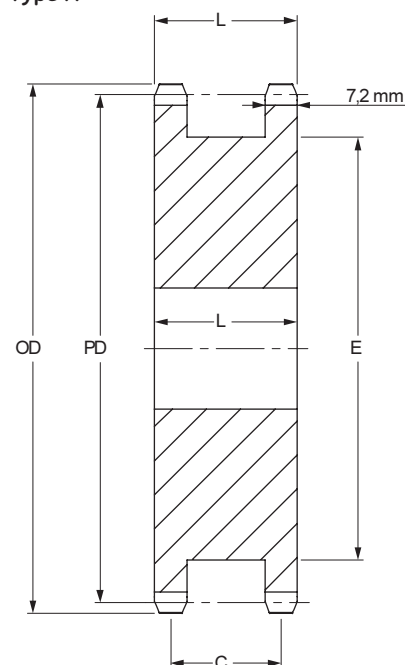
ISO 08B-1 12,70 mm Pitch

Double Simplex Type A

No. Teeth	Diameters		Type	Bore		Dimensions				Weight kg	Designation
	Outside	Pitch		Min	Max	L	C	E			
12	53,0	49,07	A	10	24	32,0	24,8	35	0,35		PHS 08B-1DSA12
13	57,4	53,06	A	10	26	32,0	24,8	37	0,41		PHS 08B-1DSA13
14	61,8	57,07	A	10	27	32,0	24,8	41	0,49		PHS 08B-1DSA14
15	65,5	61,09	A	10	30	32,0	24,8	45	0,55		PHS 08B-1DSA15
16	69,5	65,10	A	12	34	32,0	24,8	50	0,64		PHS 08B-1DSA16
17	73,6	69,11	A	12	36	32,0	24,8	53	0,73		PHS 08B-1DSA17
18	77,8	73,14	A	12	38	32,0	24,8	58	0,82		PHS 08B-1DSA18
19	81,7	77,16	A	12	41	32,0	24,8	62	1,00		PHS 08B-1DSA19
20	85,8	81,18	A	12	44	32,0	24,8	66	1,18		PHS 08B-1DSA20
21	89,7	85,22	A	15	46	32,0	24,8	70	1,32		PHS 08B-1DSA21
22	93,8	89,24	A	15	48	32,0	24,8	74	1,36		PHS 08B-1DSA22
23	98,2	93,27	A	15	52	32,0	24,8	78	1,59		PHS 08B-1DSA23
24	101,8	97,29	A	15	54	32,0	24,8	82	1,70		PHS 08B-1DSA24
25	105,8	101,33	A	15	57	32,0	24,8	86	1,82		PHS 08B-1DSA25

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

Type A



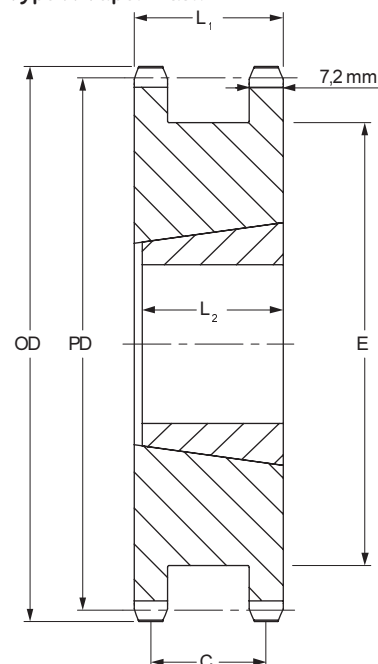
Double Simplex Taper Bushed Type A

No. Teeth	Bushing Size	Diameters		Type	Bore		Dimensions				Weight* kg	Designation
		Outside	Pitch		Min	Max	L ₁	C	E	L ₂		
14	1008	61,8	57,07	A	9	25	35,7	28,58	41	22,2	0,32	PHS 08B-1DSTB14
15	1008	65,3	61,09	A	9	25	35,7	28,58	45	22,2	0,40	PHS 08B-1DSTB15
16	1108	69,5	65,10	A	9	28	35,7	28,58	49	22,2	0,44	PHS 08B-1DSTB16
17	1215	73,6	69,11	A	11	32	35,7	28,58	53	38,1	0,43	PHS 08B-1DSTB17
18	1215	77,8	73,14	A	11	32	35,7	28,58	58	38,1	0,46	PHS 08B-1DSTB18
19	1215	81,7	77,15	A	11	32	35,7	28,58	63	38,1	0,50	PHS 08B-1DSTB19
20	1215	85,8	81,18	A	11	32	35,7	28,58	66	38,1	0,59	PHS 08B-1DSTB20
21	1615	89,7	85,22	A	14	42	35,7	28,58	70	38,1	0,59	PHS 08B-1DSTB21
22	1615	93,8	89,24	A	14	42	35,7	28,58	74	38,1	0,64	PHS 08B-1DSTB22
23	1615	98,2	93,27	A	14	42	35,7	28,58	78	38,1	0,68	PHS 08B-1DSTB23
24	1615	101,8	97,29	A	14	42	35,7	28,58	82	38,1	0,77	PHS 08B-1DSTB24
25	2012	105,8	101,33	A	14	50	35,7	28,58	86	31,8	0,86	PHS 08B-1DSTB25

* Weight for rim only

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

Type A Taper Bush





Metric sprockets

Double Simplex



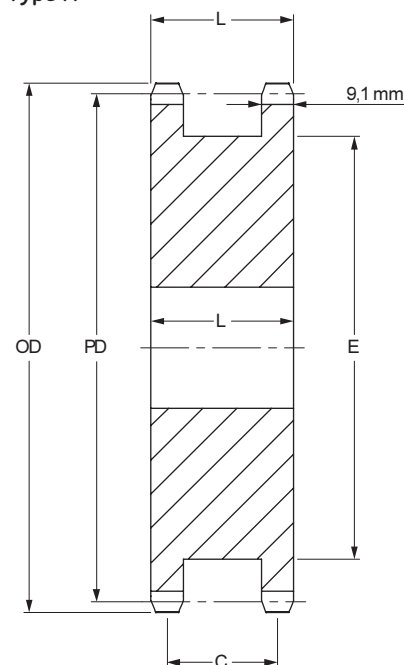
ISO 10B-1 15,88 mm Pitch

Double Simplex Type A

No. Teeth	Diameters		Type	Bore		Dimensions			Weight	Designation
	Outside	Pitch		Min	Max	L	C	E		
12	68,0	61,34	A	15	30	42,0	27,9	45	0,59	PHS 10B-1DSA12
13	73,0	66,32	A	15	34	42,0	27,9	48	0,70	PHS 10B-1DSA13
14	78,0	71,34	A	15	36	42,0	27,9	55	0,83	PHS 10B-1DSA14
15	83,0	76,36	A	15	40	42,0	27,9	58	0,95	PHS 10B-1DSA15
16	88,0	81,37	A	15	42	42,0	27,9	64	1,09	PHS 10B-1DSA16
17	93,0	86,39	A	15	44	42,0	27,9	68	1,32	PHS 10B-1DSA17
18	98,0	91,42	A	15	47	42,0	27,9	73	1,50	PHS 10B-1DSA18
19	103,3	96,45	A	19	52	42,0	27,9	79	1,68	PHS 10B-1DSA19
20	108,4	101,49	A	19	57	42,0	27,9	83	1,91	PHS 10B-1DSA20
21	113,4	106,52	A	19	57	42,0	27,9	89	2,18	PHS 10B-1DSA21
22	118,0	111,55	A	19	61	42,0	27,9	93	2,41	PHS 10B-1DSA22
23	123,4	116,58	A	19	65	42,0	27,9	99	2,64	PHS 10B-1DSA23
24	128,3	121,62	A	19	69	42,0	27,9	103	2,86	PHS 10B-1DSA24
25	134,0	126,66	A	19	72	42,0	27,9	109	3,16	PHS 10B-1DSA25

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

Type A



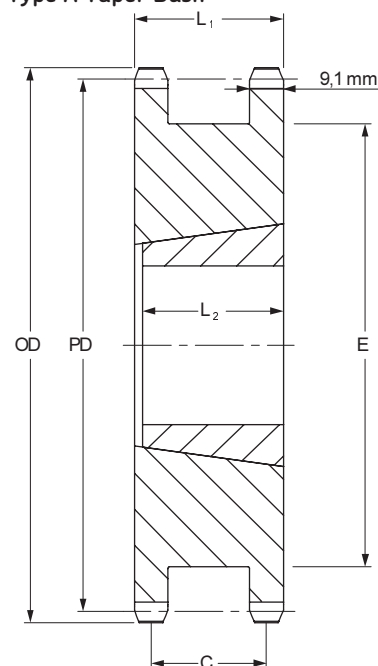
Double Simplex Taper Bushed Type A

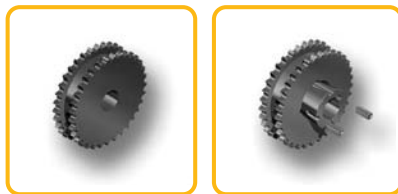
No. Teeth	Bushing Size	Diameters		Type	Bore		Dimensions				Weight*	Designation
		Outside	Pitch		Min	Max	L ₁	C	E	L ₂		
12	1108	68,0	61,34	A	9	28	42,0	33,34	45	22,2	0,46	PHS 10B-1DSTB12
13	1108	73,0	66,32	A	9	28	42,0	33,34	50	22,2	0,56	PHS 10B-1DSTB13
14	1108	78,0	71,34	A	9	28	42,0	33,34	55	38,1	0,70	PHS 10B-1DSTB14
15	1215	83,0	76,36	A	11	32	42,0	33,34	60	38,1	0,68	PHS 10B-1DSTB15
16	1215	88,0	81,37	A	11	32	42,0	33,34	65	38,1	0,78	PHS 10B-1DSTB16
17	1615	93,0	86,39	A	14	42	42,0	33,34	68	38,1	0,82	PHS 10B-1DSTB17
18	1615	98,3	91,42	A	14	42	42,0	33,34	73	38,1	1,04	PHS 10B-1DSTB18
19	1615	103,3	96,42	A	14	42	42,0	33,34	78	38,1	1,23	PHS 10B-1DSTB19
20	1615	108,4	101,49	A	14	42	42,0	33,34	83	31,8	1,35	PHS 10B-1DSTB20
21	2012	113,4	106,52	A	14	50	42,0	33,34	88	31,8	1,50	PHS 10B-1DSTB21
22	2012	118,0	111,55	A	14	50	42,0	33,34	93	31,8	1,59	PHS 10B-1DSTB22
23	2012	123,4	116,58	A	14	50	42,0	33,34	98	31,8	1,68	PHS 10B-1DSTB23
24	2012	128,3	121,62	A	14	50	42,0	33,34	103	31,8	1,77	PHS 10B-1DSTB24
25	2012	134,0	126,66	A	14	50	42,0	33,34	108	31,8	1,86	PHS 10B-1DSTB25

* Weight for rim only

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

Type A Taper Bush





Metric sprockets

Double Simplex

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

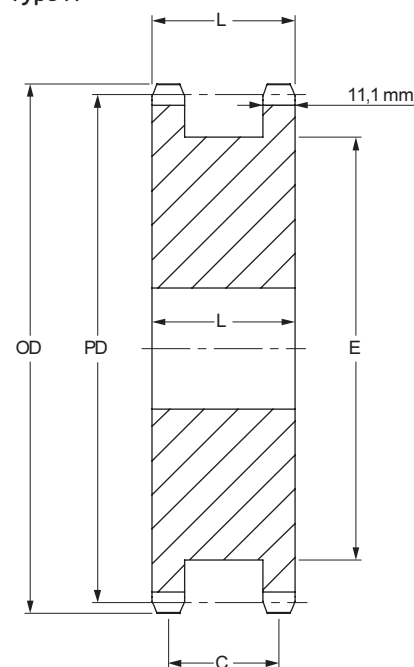
ISO 12B-1 19,05 mm Pitch

Double Simplex Type A

No. Teeth	Diameters		Type	Bore		Dimensions			Weight	Designation
	Outside	Pitch		Min	Max	L	C	E		
12	81,5	73,61	A	20	35	45,0	33,9	53	1,08	PHS 12B-1DSA12
13	87,5	79,59	A	20	38	45,0	33,9	59	1,29	PHS 12B-1DSA13
14	93,6	85,62	A	20	42	45,0	33,9	65	1,52	PHS 12B-1DSA14
15	99,8	91,61	A	20	38	45,0	33,9	71	1,73	PHS 12B-1DSA15
16	105,5	97,63	A	20	46	45,0	33,9	77	2,09	PHS 12B-1DSA16
17	111,5	103,67	A	20	55	45,0	33,9	71	2,41	PHS 12B-1DSA17
18	118,0	109,71	A	20	58	45,0	33,9	88	2,95	PHS 12B-1DSA18
19	124,2	115,75	A	20	62	45,0	33,9	71	3,09	PHS 12B-1DSA19
20	129,7	121,78	A	24	65	45,0	33,9	100	3,30	PHS 12B-1DSA20
21	136,0	127,82	A	24	70	45,0	33,9	71	3,62	PHS 12B-1DSA21
22	141,8	133,86	A	24	73	45,0	33,9	112	4,00	PHS 12B-1DSA22
23	149,0	139,90	A	24	77	45,0	33,9	71	4,60	PHS 12B-1DSA23
24	153,9	145,94	A	24	81	45,0	33,9	124	4,95	PHS 12B-1DSA24
25	160,3	151,94	A	24	85	45,0	33,9	71	5,30	PHS 12B-1DSA25

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

Type A



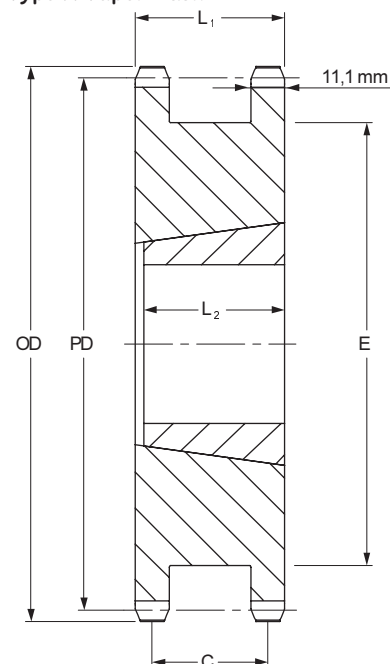
Double Simplex Taper Bushed Type A

No. Teeth	Bushing Size	Diameters		Type	Bore		Dimensions				Weight*	Designation
		Outside	Pitch		Min	Max	L ₁	C	E	L ₂	kg	
12	1215	81,5	73,61	A	11	32	49,2	38,10	53	31,8	0,95	PHS 12B-1DSTB12
13	1215	87,5	79,59	A	11	32	49,2	38,10	59	31,8	1,19	PHS 12B-1DSTB13
14	1215	93,6	85,62	A	11	32	49,2	38,10	65	31,8	1,32	PHS 12B-1DSTB14
15	1615	99,8	91,61	A	14	42	49,2	38,10	72	31,8	1,44	PHS 12B-1DSTB15
16	1615	105,5	97,63	A	14	42	49,2	38,10	77	31,8	1,74	PHS 12B-1DSTB16
17	1615	111,5	103,67	A	14	42	49,2	38,10	82	31,8	2,05	PHS 12B-1DSTB17
18	2012	118,0	109,71	A	14	50	49,2	38,10	88	31,8	2,27	PHS 12B-1DSTB18
19	2012	124,2	115,75	A	14	50	49,2	38,10	94	31,8	2,64	PHS 12B-1DSTB19
20	2517	129,7	121,78	A	16	65	49,2	38,10	100	44,5	2,55	PHS 12B-1DSTB20
21	2517	136,0	127,82	A	16	65	49,2	38,10	106	44,5	2,91	PHS 12B-1DSTB21
22	2517	141,8	133,86	A	16	65	49,2	38,10	112	44,5	3,11	PHS 12B-1DSTB22
23	2517	149,0	139,90	A	16	65	49,2	38,10	118	44,5	3,32	PHS 12B-1DSTB23
24	2517	153,9	145,94	A	16	65	49,2	38,10	124	44,5	3,53	PHS 12B-1DSTB24
25	2517	160,3	151,94	A	16	65	49,2	38,10	130	44,5	3,73	PHS 12B-1DSTB25

* Weight for rim only

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

Type A Taper Bush





Metric sprockets

Double Simplex



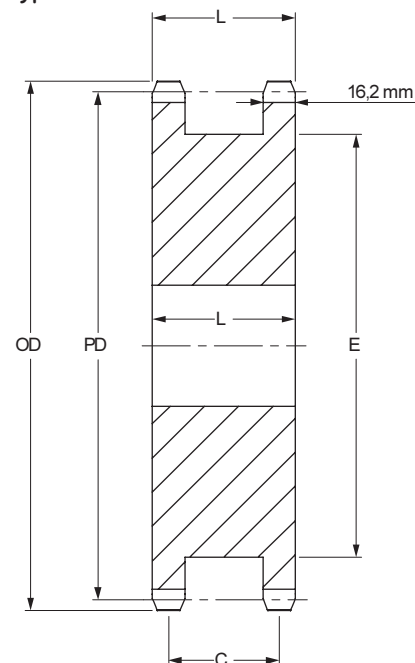
ISO 16B-1 25,40 mm Pitch

Double Simplex Type A

No. Teeth	Diameters		Type	Bore		Dimensions			Weight	Designation
	Outside	Pitch		Min	Max	L	C	E		
12	109,0	98,14	A	24	46	64,0	47,8	72	2,48	PHS 16B-1DSA12
13	117,0	106,12	A	24	50	64,0	47,8	78	3,09	PHS 16B-1DSA13
14	125,0	114,15	A	24	57	64,0	47,8	84	3,70	PHS 16B-1DSA14
15	133,0	122,17	A	24	60	64,0	47,8	95	4,35	PHS 16B-1DSA15
16	141,0	130,20	A	24	68	64,0	47,8	101	5,00	PHS 16B-1DSA16
17	149,0	138,22	A	24	71	64,0	47,8	111	5,75	PHS 16B-1DSA17
18	157,0	146,28	A	24	79	64,0	47,8	117	6,50	PHS 16B-1DSA18
19	165,2	154,33	A	24	82	64,0	47,8	127	7,40	PHS 16B-1DSA19
20	173,2	162,38	A	24	88	64,0	47,8	134	8,30	PHS 16B-1DSA20
21	181,2	170,43	A	24	95	64,0	47,8	143	9,20	PHS 16B-1DSA21
22	189,3	178,48	A	24	100	64,0	47,8	151	10,15	PHS 16B-1DSA22
23	197,5	186,59	A	24	107	64,0	47,8	160	11,20	PHS 16B-1DSA23
24	205,5	194,59	A	24	111	64,0	47,8	168	12,80	PHS 16B-1DSA24
25	213,5	178,49	A	24	115	64,0	47,8	176	14,40	PHS 16B-1DSA25

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

Type A



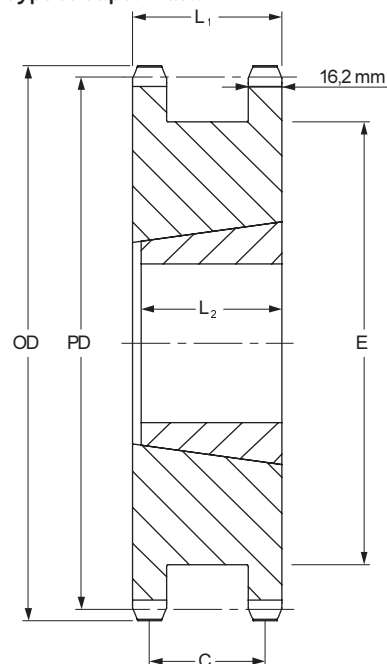
Double Simplex Taper Bushed Type A

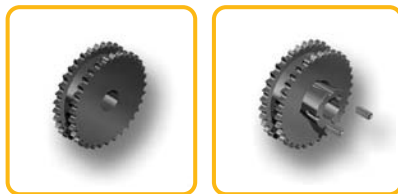
No. Teeth	Bushing Size	Diameters		Type	Bore		Dimensions				Weight*	Designation
		Outside	Pitch		Min	Max	L ₁	C	E	L ₂		
12	1615	109,0	98,14	A	14	42	63,5	46,50	72	38,1	1,92	PHS 16B-1DSTB12
13	1615	117,0	106,12	A	14	42	63,5	46,50	80	38,1	2,53	PHS 16B-1DSTB13
14	2012	125,0	114,15	A	14	50	63,5	46,50	88	31,8	2,53	PHS 16B-1DSTB14
15	2012	133,0	122,17	A	14	50	63,5	46,50	96	31,8	3,10	PHS 16B-1DSTB15
16	2012	141,0	130,20	A	14	50	63,5	46,50	104	31,8	3,68	PHS 16B-1DSTB16
17	2517	149,0	138,22	A	16	65	63,5	46,50	112	44,5	3,89	PHS 16B-1DSTB17
18	2517	157,0	146,28	A	16	65	63,5	46,50	120	44,5	4,65	PHS 16B-1DSTB18
19	3020	165,2	154,33	A	25	75	63,5	46,50	128	50,8	4,50	PHS 16B-1DSTB19
20	3020	173,2	162,38	A	25	75	63,5	46,50	135	50,8	5,10	PHS 16B-1DSTB20
21	3020	181,2	170,43	A	25	75	63,5	46,50	142	50,8	6,00	PHS 16B-1DSTB21
22	3020	189,3	178,48	A	25	75	63,5	46,50	151	50,8	6,20	PHS 16B-1DSTB22
23	3525	197,5	186,59	A	35	90	63,5	46,50	160	63,5	7,15	PHS 16B-1DSTB23
24	3525	205,5	194,59	A	35	90	63,5	46,50	167	63,5	8,10	PHS 16B-1DSTB24
25	3525	213,5	178,49	A	35	90	63,5	46,50	175	63,5	9,00	PHS 16B-1DSTB25

* Weight for rim only

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

Type A Taper Bush





Metric sprockets

Double Simplex

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

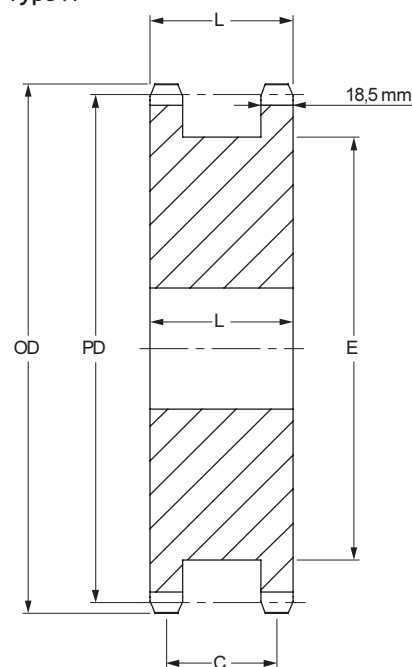
ISO 20B-1 31,75 mm Pitch

Double Simplex Type A

No. Teeth	Diameters		Type	Bore		Dimensions			Weight kg	Designation
	Outside	Pitch		Min	Max	L	C	E		
13	147,8	132,66	A	25	63,5	68,3	49,8	96	5,09	PHS 20B-1DSA13
14	158,2	142,67	A	25	69,85	68,3	49,8	106	6,14	PHS 20B-1DSA14
15	168,4	152,70	A	32	77,79	68,3	49,8	116	7,64	PHS 20B-1DSA15
16	178,6	162,74	A	32	82,55	68,3	49,8	114	8,77	PHS 20B-1DSA16
17	189,0	172,80	A	32	92,08	68,3	49,8	124	9,77	PHS 20B-1DSA17
18	199,1	182,83	A	32	95,25	68,3	49,8	134	10,45	PHS 20B-1DSA18
19	209,3	192,91	A	32	106,36	68,3	49,8	157	11,36	PHS 20B-1DSA19
20	219,5	202,97	A	32	106,36	68,3	49,8	167	12,05	PHS 20B-1DSA20
21	229,6	213,03	A	32	133,35	68,3	49,8	177	13,18	PHS 20B-1DSA21

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

Type A



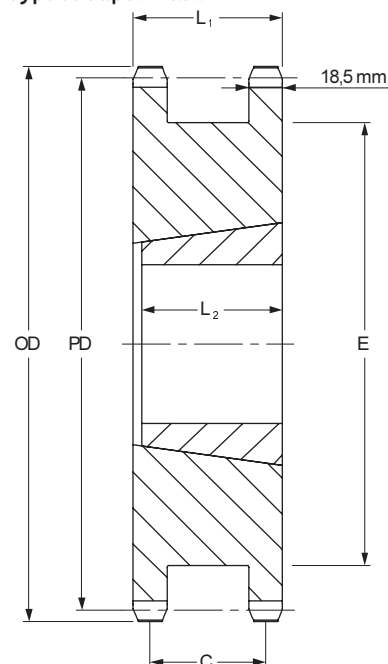
Double Simplex Taper Bushed Type A

No. Teeth	Bushings Size	Diameters		Type	Bore		Dimensions				Weight* kg	Designation
		Outside	Pitch		Min	Max	L ₁	C	E	L ₂		
15	2517	167,9	152,72	A	16	60	68,3	49,80	115	44,5	4,20	PHS 20B-1DSTB15
16	2517	177,9	162,75	A	16	60	68,3	49,80	127	44,5	5,91	PHS 20B-1DSTB16
17	3020	172,8	172,78	A	25	75	68,3	49,80	137	50,8	6,36	PHS 20B-1DSTB17
18	3020	182,8	182,85	A	25	75	68,3	49,80	147	50,8	7,27	PHS 20B-1DSTB18
19	3020	192,9	192,91	A	25	75	68,3	49,80	157	50,8	9,09	PHS 20B-1DSTB19
20	3020	218,1	202,98	A	25	75	68,3	49,80	167	50,8	10,85	PHS 20B-1DSTB20
21	3020	228,3	213,03	A	25	75	68,3	49,80	177	50,8	12,50	PHS 20B-1DSTB21

* Weight for rim only

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

Type A Taper Bush





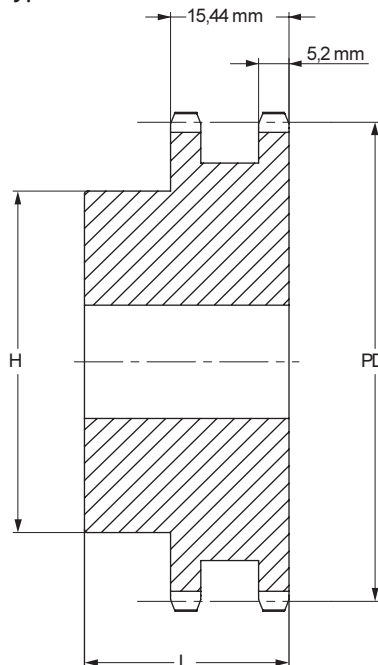
Metric sprockets



Duplex
Standard

ISO 06B-2 9,525 mm Pitch

Type B



Pilot bore Type B

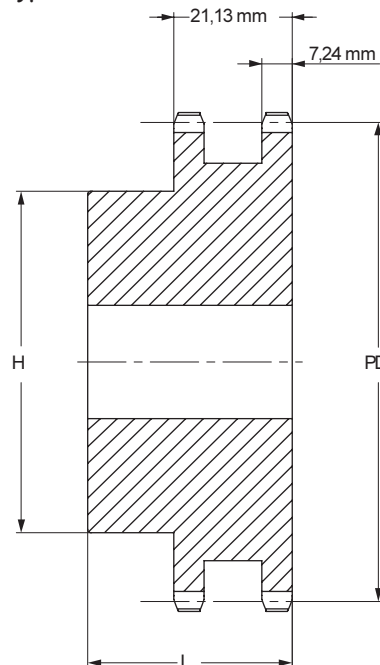
No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
			mm	mm	mm	mm		
12	36,80	B	10	12	25	25	0,11	PHS 06B-2B12
13	39,79	B	10	12	28	25	0,14	PHS 06B-2B13
14	42,80	B	10	18	31	25	0,17	PHS 06B-2B14
15	45,81	B	10	18	34	25	0,20	PHS 06B-2B15
16	48,82	B	12	20	37	30	0,26	PHS 06B-2B16
17	51,83	B	12	23	40	30	0,32	PHS 06B-2B17
18	54,85	B	12	25	43	30	0,37	PHS 06B-2B18
19	57,87	B	12	28	46	30	0,42	PHS 06B-2B19
20	60,89	B	12	25	49	30	0,48	PHS 06B-2B20
21	63,91	B	12	30	52	30	0,54	PHS 06B-2B21
22	66,93	B	12	28	55	30	0,61	PHS 06B-2B22
23	69,95	B	12	35	58	30	0,67	PHS 06B-2B23
24	72,97	B	12	32	61	30	0,74	PHS 06B-2B24
25	76,00	B	12	40	64	30	0,81	PHS 06B-2B25
26	79,02	B	12	32	67	30	0,92	PHS 06B-2B26
27	82,05	B	12	40	70	30	0,97	PHS 06B-2B27
28	85,07	B	12	32	73	30	1,08	PHS 06B-2B28
29	88,09	B	12	32	76	30	1,15	PHS 06B-2B29
30	91,12	B	12	40	79	30	1,23	PHS 06B-2B30
32	97,17	B	16	52	80	30	1,38	PHS 06B-2B32
35	106,26	B	16	52	80	30	1,61	PHS 06B-2B35
36	109,29	B	16	60	90	30	1,69	PHS 06B-2B36
38	115,35	B	16	50	90	30	1,84	PHS 06B-2B38
40	121,40	B	16	52	90	30	2,00	PHS 06B-2B40
42	127,46	B	16	60	90	40	2,15	PHS 06B-2B42
45	136,55	B	16	50	90	40	2,01	PHS 06B-2B45
48	145,64	B	16	60	90	40	2,61	PHS 06B-2B48
52	157,75	B	16	60	90	40	2,92	PHS 06B-2B52
57	172,91	B	16	50	90	40	2,34	PHS 06B-2B57
60	182,00	B	16	60	90	40	3,53	PHS 06B-2B60
68	206,24	B	16	60	90	40	4,14	PHS 06B-2B68
70	212,30	B	16	60	90	40	4,30	PHS 06B-2B70
72	218,37	B	16	60	90	40	4,45	PHS 06B-2B72
76	230,49	B	16	50	90	40	3,35	PHS 06B-2B76
84	254,74	B	16	60	90	40	5,37	PHS 06B-2B84
95	288,08	B	16	62	90	40	6,21	PHS 06B-2B95
96	291,11	B	16	62	90	40	6,29	PHS 06B-2B96
114	345,68	B	16	62	90	40	7,67	PHS 06B-2B114

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.

ISO 08B-2 12,70 mm Pitch

Type B



Pilot bore Type B

No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
			mm	mm	mm	mm		
10	41,10	B	10	18	28	32	0,15	PHS 08B-2B10
11	45,07	B	12	21	32	35	0,22	PHS 08B-2B11
12	49,07	B	12	19	35	35	0,29	PHS 08B-2B12
13	53,06	B	12	21	38	35	0,36	PHS 08B-2B13
14	57,07	B	12	28	42	35	0,44	PHS 08B-2B14
15	61,09	B	12	28	46	35	0,52	PHS 08B-2B15
16	65,10	B	14	33	50	35	0,61	PHS 08B-2B16
17	69,11	B	14	30	54	35	0,70	PHS 08B-2B17
18	73,14	B	14	38	58	35	0,81	PHS 08B-2B18
19	77,16	B	14	40	62	35	0,91	PHS 08B-2B19
20	81,19	B	14	40	66	35	1,10	PHS 08B-2B20
21	85,22	B	16	40	70	40	1,29	PHS 08B-2B21
22	89,24	B	16	45	70	40	1,37	PHS 08B-2B22
23	93,27	B	16	50	70	40	1,46	PHS 08B-2B23
24	97,29	B	16	50	75	40	1,64	PHS 08B-2B24
25	101,33	B	16	50	80	40	1,83	PHS 08B-2B25
26	105,36	B	16	56	85	40	1,96	PHS 08B-2B26
27	109,40	B	16	50	85	40	2,09	PHS 08B-2B27
28	113,42	B	16	60	90	40	2,31	PHS 08B-2B28
29	117,46	B	16	62	95	40	2,53	PHS 08B-2B29
30	121,50	B	16	50	100	40	2,75	PHS 08B-2B30
32	129,56	B	20	64	100	40	3,08	PHS 08B-2B32
34	137,64	B	20	64	100	40	3,24	PHS 08B-2B34
35	141,68	B	20	64	100	40	3,41	PHS 08B-2B35
36	145,72	B	20	73	100	40	3,74	PHS 08B-2B36
38	153,80	B	20	55	100	40	4,08	PHS 08B-2B38
40	161,87	B	20	73	100	50	4,00	PHS 08B-2B40
42	169,95	B	20	73	108	50	3,90	PHS 08B-2B42
45	182,07	B	20	55	108	50	3,70	PHS 08B-2B45
48	194,18	B	20	73	108	50	4,10	PHS 08B-2B48
54	218,43	B	20	73	108	50	4,70	PHS 08B-2B54
57	230,54	B	20	55	108	50	5,01	PHS 08B-2B57
60	242,66	B	20	73	108	50	5,34	PHS 08B-2B60
68	274,99	B	20	73	108	55	5,68	PHS 08B-2B68
72	291,16	B	20	73	108	55	6,02	PHS 08B-2B72
76	307,33	B	20	60	108	55	6,36	PHS 08B-2B76
84	339,65	B	20	80	120	55	8,31	PHS 08B-2B84
95	384,10	B	20	60	110	55	10,26	PHS 08B-2B95
96	388,15	B	20	80	110	55	11,00	PHS 08B-2B96
114	460,90	B	20	80	110	55	12,45	PHS 08B-2B114

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.



Metric sprockets

Duplex

Standard

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

ISO 10B-2 15,88 mm Pitch

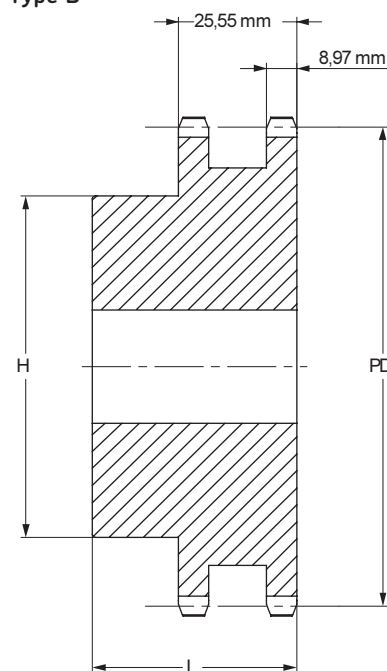
Pilot bore Type B

No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight kg	Designation
			Min	Max	H	L		
			mm	mm	mm	mm		
11	56,34	B	14	24	39	40	0,45	PHS 10B-2B11
12	61,34	B	14	25	44	40	0,57	PHS 10B-2B12
13	66,32	B	14	29	49	40	0,70	PHS 10B-2B13
14	71,34	B	14	35	54	40	0,84	PHS 10B-2B14
15	76,36	B	14	35	59	40	0,99	PHS 10B-2B15
16	81,37	B	16	40	64	45	1,23	PHS 10B-2B16
17	86,39	B	16	40	69	45	1,47	PHS 10B-2B17
18	91,42	B	16	48	74	45	1,68	PHS 10B-2B18
19	96,45	B	16	46	79	45	1,90	PHS 10B-2B19
20	101,49	B	16	56	84	45	2,10	PHS 10B-2B20
21	106,52	B	16	55	85	45	2,31	PHS 10B-2B21
22	111,55	B	16	60	90	45	2,58	PHS 10B-2B22
23	116,58	B	16	55	95	45	2,85	PHS 10B-2B23
24	121,62	B	16	64	100	45	3,14	PHS 10B-2B24
25	126,66	B	16	55	105	45	3,44	PHS 10B-2B25
26	131,70	B	20	73	110	45	3,69	PHS 10B-2B26
27	136,75	B	20	55	110	45	3,95	PHS 10B-2B27
28	141,78	B	20	76	115	45	4,25	PHS 10B-2B28
29	146,83	B	20	76	115	45	4,55	PHS 10B-2B29
30	151,87	B	20	58	120	45	4,87	PHS 10B-2B30
32	161,95	B	20	80	120	45	4,95	PHS 10B-2B32
35	177,10	B	20	80	120	45	5,08	PHS 10B-2B35
36	182,15	B	20	80	120	45	5,11	PHS 10B-2B36
38	192,24	B	20	58	120	45	5,20	PHS 10B-2B38
40	202,34	B	20	80	120	45	5,41	PHS 10B-2B40
45	227,58	B	20	60	120	50	5,94	PHS 10B-2B45
48	242,73	B	20	80	120	50	7,27	PHS 10B-2B48
57	288,18	B	20	60	120	50	8,61	PHS 10B-2B57
60	303,32	B	20	85	120	57	9,30	PHS 10B-2B60
70	353,84	B	20	85	120	57	9,99	PHS 10B-2B70
76	384,16	B	20	85	120	57	10,68	PHS 10B-2B76
80	404,35	B	20	85	130	58	11,00	PHS 10B-2B80
95	480,14	B	20	85	130	58	12,00	PHS 10B-2B95
114	576,13	B	20	85	130	58	13,00	PHS 10B-2B114

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.

Type B





Metric sprockets

Duplex
Standard



ISO 12B-2 19,05 mm Pitch

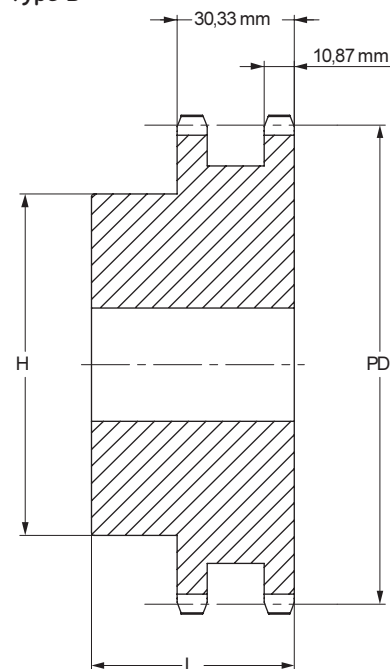
Pilot bore Type B/C

No. Teeth	Pitch Diameter mm	Type	Bore		Hub		Weight kg	Designation
			Min	Max	H	L		
10	61,65	B	12	32	42	45	0,57	PHS 12B-2B10
11	67,61	B	16	32	47	50	0,80	PHS 12B-2B11
12	73,61	B	16	32	53	50	1,03	PHS 12B-2B12
13	79,59	B	16	36	59	50	1,26	PHS 12B-2B13
14	85,61	B	16	42	65	50	1,52	PHS 12B-2B14
15	91,63	B	16	44	71	50	1,78	PHS 12B-2B15
16	97,65	B	20	51	77	50	2,08	PHS 12B-2B16
17	103,67	B	20	55	83	50	2,37	PHS 12B-2B17
18	109,71	B	20	60	89	50	2,72	PHS 12B-2B18
19	115,75	B	20	55	95	50	3,07	PHS 12B-2B19
20	121,78	B	20	64	100	50	3,39	PHS 12B-2B20
21	127,82	B	20	60	100	50	3,70	PHS 12B-2B21
22	133,86	B	20	64	100	50	4,11	PHS 12B-2B22
23	139,90	B	20	60	110	50	4,52	PHS 12B-2B23
24	145,94	B	20	73	110	50	4,96	PHS 12B-2B24
25	152,00	B	20	60	120	50	5,39	PHS 12B-2B25
26	158,04	B	20	80	120	50	5,74	PHS 12B-2B26
27	164,09	B	20	60	120	50	6,09	PHS 12B-2B27
28	170,13	B	20	80	120	50	6,45	PHS 12B-2B28
30	182,25	B	20	60	120	50	7,17	PHS 12B-2B30
32	194,36	B	20	85	120	50	8,41	PHS 12B-2B32
35	212,52	B	20	85	120	50	9,70	PHS 12B-2B35
36	218,58	B	25	85	120	50	10,12	PHS 12B-2B36
38	230,69	B	25	65	120	50	10,98	PHS 12B-2B38
40	242,81	B	25	85	120	50	11,84	PHS 12B-2B40
45	273,10	B	25	65	136	62	10,58	PHS 12B-2B45
48	291,27	B	25	85	136	62	15,26	PHS 12B-2B48
57	345,81	B	25	70	136	62	11,72	PHS 12B-2B57
60	363,99	B	25	85	136	62	20,40	PHS 12B-2B60
68	412,49	C	25	85	140	63	23,83	PHS 12B-2C68
76	460,99	C	25	80	140	63	18,50	PHS 12B-2C76
80	485,22	C	25	85	140	63	28,97	PHS 12B-2C80
95	576,17	C	25	93	140	63	35,39	PHS 12B-2C95
96	582,23	C	25	93	140	63	35,82	PHS 12B-2C96
114	691,36	C	25	93	140	63	43,53	PHS 12B-2C114

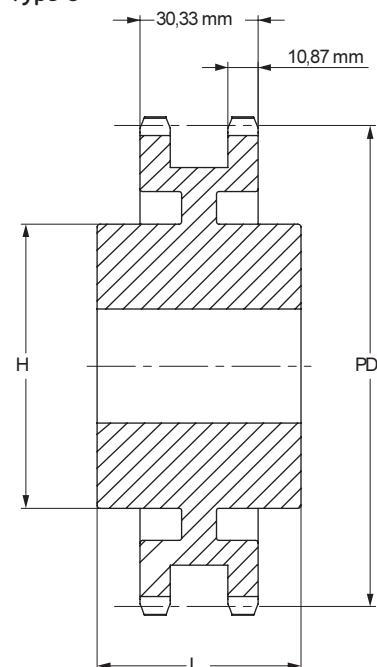
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

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

Type B



Type C





Metric sprockets

Duplex

Standard

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

ISO 16B-2 25,40 mm Pitch

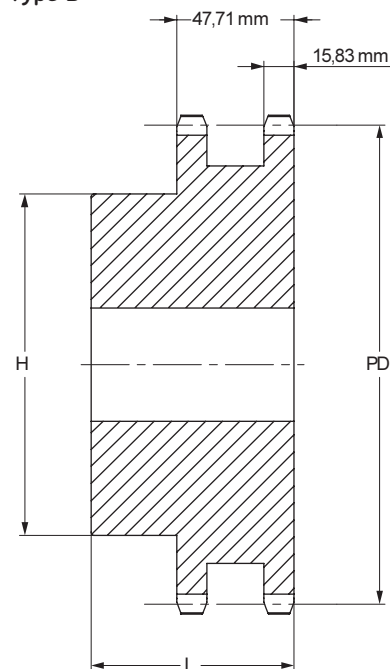
Pilot bore Type B/C

No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
	mm		mm	mm	mm	mm	kg	
11	90,14	B	20	42	64	70	1,86	PHS 16B-2B11
12	98,14	B	20	45	72	70	2,54	PHS 16B-2B12
13	106,12	B	20	48	80	70	3,22	PHS 16B-2B13
14	114,15	B	20	53	88	70	3,90	PHS 16B-2B14
15	122,17	B	20	58	96	70	4,58	PHS 16B-2B15
16	130,20	B	20	66	104	70	5,35	PHS 16B-2B16
17	138,22	B	20	70	112	70	6,12	PHS 16B-2B17
18	146,28	B	20	80	120	70	7,02	PHS 16B-2B18
19	154,33	B	20	70	128	70	7,91	PHS 16B-2B19
20	162,38	B	20	85	130	70	8,59	PHS 16B-2B20
21	170,43	B	25	75	130	70	9,26	PHS 16B-2B21
22	178,48	B	25	85	130	70	10,05	PHS 16B-2B22
23	186,53	B	25	75	130	70	10,84	PHS 16B-2B23
24	194,59	B	25	85	130	70	11,70	PHS 16B-2B24
25	202,66	B	25	75	130	70	12,56	PHS 16B-2B25
26	210,72	B	25	85	130	70	13,52	PHS 16B-2B26
27	218,79	B	25	75	130	70	14,48	PHS 16B-2B27
28	226,85	B	25	85	130	70	15,49	PHS 16B-2B28
29	234,92	B	25	85	130	70	16,51	PHS 16B-2B29
30	243,00	B	25	75	130	70	17,52	PHS 16B-2B30
32	259,13	B	25	95	140	70	20,13	PHS 16B-2B32
35	283,36	B	25	95	140	70	24,04	PHS 16B-2B35
36	291,44	B	25	95	140	70	25,34	PHS 16B-2B36
38	307,59	B	25	75	140	70	27,95	PHS 16B-2B38
42	339,90	B	25	95	140	70	32,35	PHS 16B-2B42
45	364,13	C	25	85	140	70	22,00	PHS 16B-2C45
57	461,07	C	25	85	150	85	34,50	PHS 16B-2C57
60	485,32	C	25	95	150	85	52,14	PHS 16B-2C60
68	549,98	C	25	96	160	90	60,93	PHS 16B-2C68
76	614,65	C	25	100	160	90	51,50	PHS 16B-2C76
80	646,96	C	25	102	160	90	74,13	PHS 16B-2C80
95	768,22	C	25	100	160	90	90,62	PHS 16B-2C95
114	921,81	C	25	102	160	90	111,51	PHS 16B-2C114

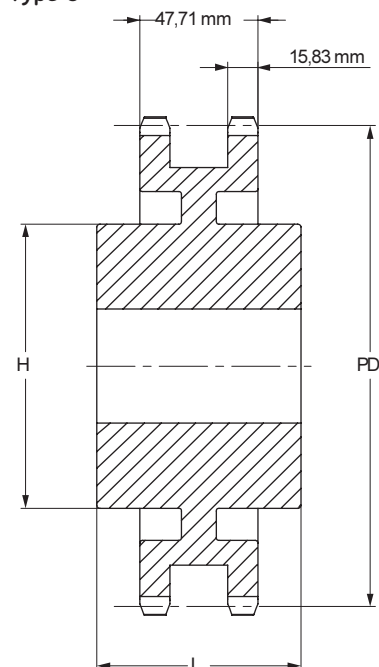
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

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

Type B



Type C





Metric sprockets

Duplex
Standard



ISO 20B-2 31,75 mm Pitch

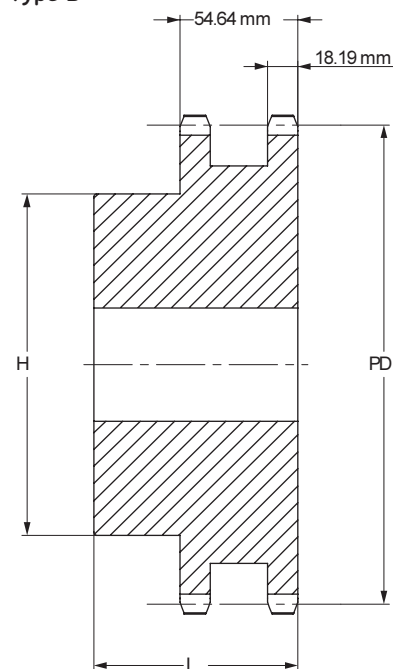
Pilot bore Type B/C

No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
	mm		mm	mm	mm	mm	kg	
10	102,75	B	20	45	70	75	2,90	PHS 20B-2B10
11	112,70	B	20	52	80	80	3,67	PHS 20B-2B11
12	122,67	B	20	60	90	80	4,31	PHS 20B-2B12
13	132,67	B	20	64	100	80	5,53	PHS 20B-2B13
14	142,68	B	20	73	110	80	6,62	PHS 20B-2B14
15	152,71	B	20	80	120	80	7,76	PHS 20B-2B15
16	162,75	B	25	80	120	80	9,12	PHS 20B-2B16
17	172,79	B	25	80	120	80	10,44	PHS 20B-2B17
18	182,84	B	25	80	120	80	11,71	PHS 20B-2B18
19	192,90	B	25	80	120	80	12,92	PHS 20B-2B19
20	202,96	B	25	80	120	80	15,43	PHS 20B-2B20
21	213,03	B	25	92	140	80	16,55	PHS 20B-2B21
22	223,10	B	25	92	140	80	17,70	PHS 20B-2B22
23	233,17	B	25	92	140	80	19,05	PHS 20B-2B23
24	243,25	B	25	96	140	80	20,43	PHS 20B-2B24
25	253,32	B	25	96	140	80	21,77	PHS 20B-2B25
26	263,41	B	25	96	150	80	23,15	PHS 20B-2B26
27	273,49	B	25	96	150	80	24,97	PHS 20B-2B27
28	283,57	B	25	96	150	80	26,78	PHS 20B-2B28
30	303,75	B	25	96	150	80	30,41	PHS 20B-2B30
32	323,92	B	25	96	150	80	32,22	PHS 20B-2B32
35	354,20	C	25	100	150	80	34,02	PHS 20B-2C35
36	364,29	C	30	100	150	80	34,70	PHS 20B-2C36
38	384,48	C	30	100	150	80	43,72	PHS 20B-2C38
42	424,86	C	30	100	160	90	43,55	PHS 20B-2C42
45	455,15	C	30	100	160	90	46,72	PHS 20B-2C45
57	576,35	C	30	100	160	100	64,10	PHS 20B-2C57
60	606,66	C	30	125	160	100	79,38	PHS 20B-2C60
68	687,48	C	30	125	180	100	87,74	PHS 20B-2C68
76	768,30	C	30	125	180	100	96,11	PHS 20B-2C76
80	808,71	C	30	125	180	100	100,30	PHS 20B-2C80
95	960,28	C	30	125	180	100	115,98	PHS 20B-2C95
114	1152,26	C	30	125	180	100	135,85	PHS 20B-2C114

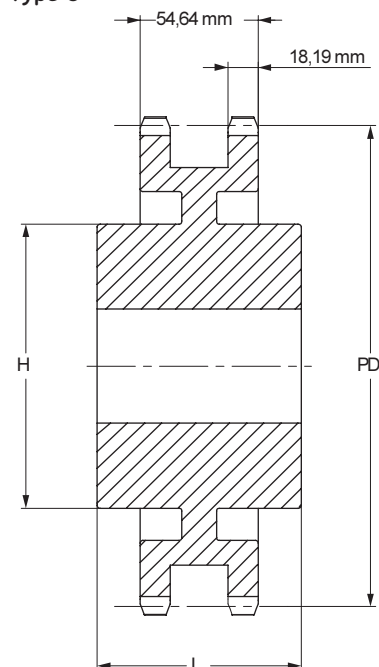
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

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

Type B



Type C





Metric sprockets

Duplex

Standard

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

ISO 24B-2 38,10 mm Pitch

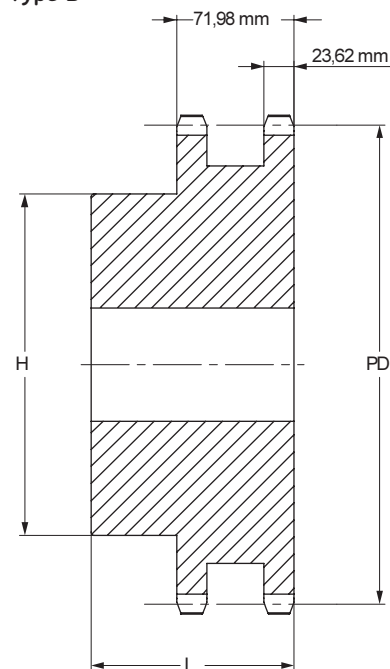
Pilot bore Type B/C

No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
	mm		mm	mm	mm	mm	kg	
11	135,23	B	25	60	90	100	6,50	PHS 24B-2B11
12	147,21	B	25	67	102	100	8,13	PHS 24B-2B12
13	159,20	B	25	76	114	100	9,92	PHS 24B-2B13
14	171,22	B	25	84	128	100	11,98	PHS 24B-2B14
15	183,25	B	25	93	132	100	14,13	PHS 24B-2B15
16	195,29	B	25	100	136	100	16,35	PHS 24B-2B16
17	207,35	B	25	100	136	100	17,85	PHS 24B-2B17
18	219,41	B	25	108	150	100	20,35	PHS 24B-2B18
19	231,48	B	25	108	160	100	22,56	PHS 24B-2B19
20	243,55	B	25	108	160	100	24,78	PHS 24B-2B20
21	255,63	B	25	108	160	100	26,99	PHS 24B-2B21
22	267,72	B	25	108	160	100	29,74	PHS 24B-2B22
23	279,80	B	25	108	160	100	32,87	PHS 24B-2B23
24	291,90	B	25	108	160	100	36,00	PHS 24B-2B24
25	303,99	B	25	108	160	100	39,13	PHS 24B-2B25
26	316,09	B	30	108	160	100	42,26	PHS 24B-2B26
27	328,19	B	30	108	160	100	45,40	PHS 24B-2B27
28	340,29	B	30	108	160	100	48,53	PHS 24B-2B28
29	352,39	B	30	108	160	100	51,66	PHS 24B-2B29
30	364,49	B	30	108	160	100	54,79	PHS 24B-2B30
32	388,71	B	30	108	160	100	61,05	PHS 24B-2B32
38	461,37	B	30	137	160	100	72,01	PHS 24B-2B38
40	485,60	C	30	137	160	100	75,80	PHS 24B-2C40
42	509,83	C	30	137	180	100	79,59	PHS 24B-2C42
45	546,19	C	30	137	180	100	85,28	PHS 24B-2C45
48	582,54	C	30	137	180	100	90,97	PHS 24B-2C48
50	606,78	C	30	137	180	100	94,76	PHS 24B-2C50
54	655,26	C	30	161	180	110	127,46	PHS 24B-2C54
57	691,62	C	30	161	180	110	140,74	PHS 24B-2C57
60	727,99	C	30	161	180	120	154,02	PHS 24B-2C60
68	824,97	C	30	161	200	120	189,45	PHS 24B-2C68
72	873,46	C	30	161	200	120	207,16	PHS 24B-2C72
76	921,96	C	30	161	200	120	224,87	PHS 24B-2C76
95	1152,33	C	30	161	200	120	309,00	PHS 24B-2C95
96	1164,46	C	30	161	200	120	313,43	PHS 24B-2C96
114	1382,72	C	30	161	200	120	393,13	PHS 24B-2C114

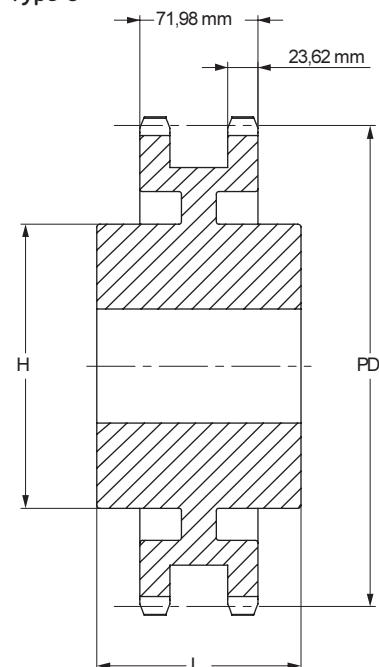
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

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

Type B



Type C





Metric sprockets

Duplex
Standard



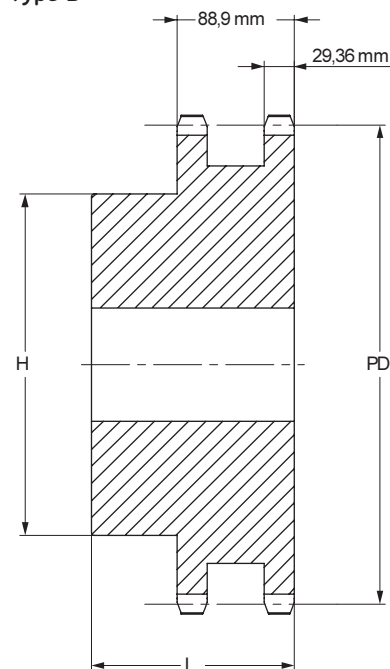
ISO 28B-2 44,45 mm Pitch

Pilot bore Type B/C

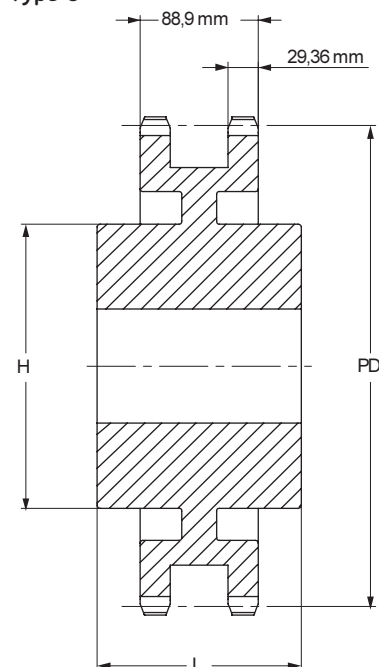
No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
	mm		mm	mm	mm	mm	kg	
11	157,77	B	25	73	112	120	10,21	PHS 28B-2B11
12	171,74	B	25	84	125	120	13,02	PHS 28B-2B12
13	185,75	B	25	84	125	120	16,00	PHS 28B-2B13
14	199,76	B	25	87	125	120	19,28	PHS 28B-2B14
15	213,79	B	25	96	145	120	22,91	PHS 28B-2B15
16	227,84	B	30	108	160	120	26,92	PHS 28B-2B16
17	241,91	B	30	114	160	120	30,83	PHS 28B-2B17
18	255,98	B	30	114	160	120	34,74	PHS 28B-2B18
19	270,06	B	30	133	180	120	38,93	PHS 28B-2B19
20	284,15	B	30	133	180	120	44,27	PHS 28B-2B20
21	298,24	B	30	133	180	120	45,08	PHS 28B-2B21
22	312,34	B	30	133	180	120	48,15	PHS 28B-2B22
23	326,44	B	30	133	180	120	51,59	PHS 28B-2B23
24	340,55	B	30	133	180	120	55,03	PHS 28B-2B24
25	354,66	B	30	133	180	120	58,47	PHS 28B-2B25
26	368,77	B	30	133	180	120	64,06	PHS 28B-2B26
28	397,00	B	30	133	180	120	76,05	PHS 28B-2B28
30	425,24	B	30	133	180	120	89,16	PHS 28B-2B30
32	453,49	B	30	133	180	120	103,38	PHS 28B-2B32
38	538,27	B	30	133	200	120	97,53	PHS 28B-2B38
40	566,54	C	30	137	200	120	109,47	PHS 28B-2C40
45	637,22	C	30	137	200	120	137,32	PHS 28B-2C45
48	679,63	C	30	137	200	120	153,61	PHS 28B-2C48
54	764,46	C	30	162	200	120	204,44	PHS 28B-2C54
57	806,90	C	30	162	200	120	210,02	PHS 28B-2C57
60	849,32	C	30	162	200	130	230,82	PHS 28B-2C60
68	962,46	C	30	162	200	130	273,98	PHS 28B-2C68
72	1019,05	C	30	162	200	130	305,70	PHS 28B-2C72
76	1075,62	C	30	162	200	130	323,56	PHS 28B-2C76

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.

Type B



Type C





Metric sprockets

Duplex

Standard

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

ISO 32B-2 50,80 mm Pitch

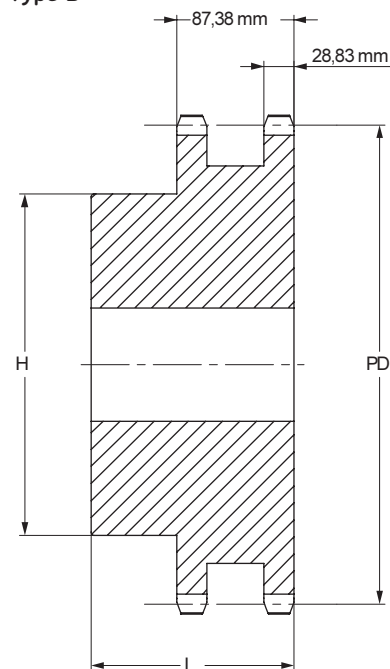
Pilot bore Type B/C

No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
	mm	mm	mm	mm	mm	mm	kg	
11	180,34	B	30	80	120	120	10,42	PHS 32B-2B11
12	196,29	B	30	89	133	120	16,32	PHS 32B-2B12
13	212,29	B	30	96	145	120	21,77	PHS 32B-2B13
14	228,29	B	30	103	145	120	26,31	PHS 32B-2B14
15	244,30	B	30	106	160	120	30,84	PHS 32B-2B15
16	260,40	B	30	120	160	120	34,02	PHS 32B-2B16
17	276,40	B	30	120	180	120	41,28	PHS 32B-2B17
18	292,55	B	30	120	180	120	43,55	PHS 32B-2B18
19	308,66	B	30	120	200	120	48,53	PHS 32B-2B19
20	324,71	B	30	130	200	120	53,98	PHS 32B-2B20
21	340,82	B	30	130	200	120	58,97	PHS 32B-2B21
22	356,98	B	30	130	200	120	63,96	PHS 32B-2B22
23	373,08	B	30	130	200	120	71,21	PHS 32B-2B23
24	389,18	B	30	130	200	120	77,57	PHS 32B-2B24
25	405,33	B	30	130	200	120	84,82	PHS 32B-2B25
26	421,44	B	30	130	200	120	91,17	PHS 32B-2B26
28	453,69	B	30	130	200	120	101,13	PHS 32B-2B28
30	486,00	B	30	130	200	120	116,57	PHS 32B-2B30
38	615,14	B	30	178	200	120	170,25	PHS 32B-2B38
40	647,49	C	30	178	200	120	177,46	PHS 32B-2C40
45	728,26	C	30	178	200	120	195,50	PHS 32B-2C45
48	776,72	C	30	178	200	120	204,51	PHS 32B-2C48
54	873,68	C	30	178	220	120	222,53	PHS 32B-2C54
57	922,16	C	30	178	220	120	231,54	PHS 32B-2C57
68	1099,96	C	30	178	220	130	255,83	PHS 32B-2C68
76	1229,28	C	30	178	220	130	292,83	PHS 32B-2C76

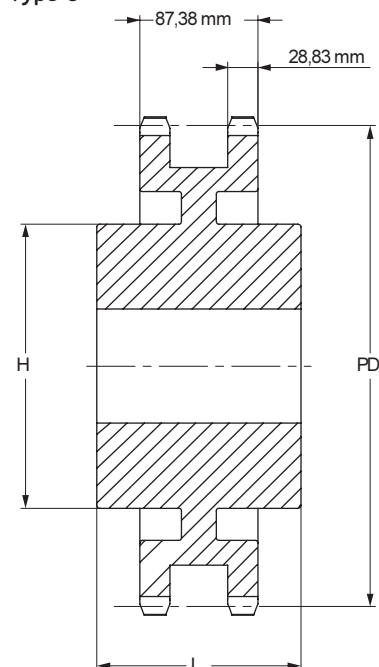
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

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

Type B



Type C



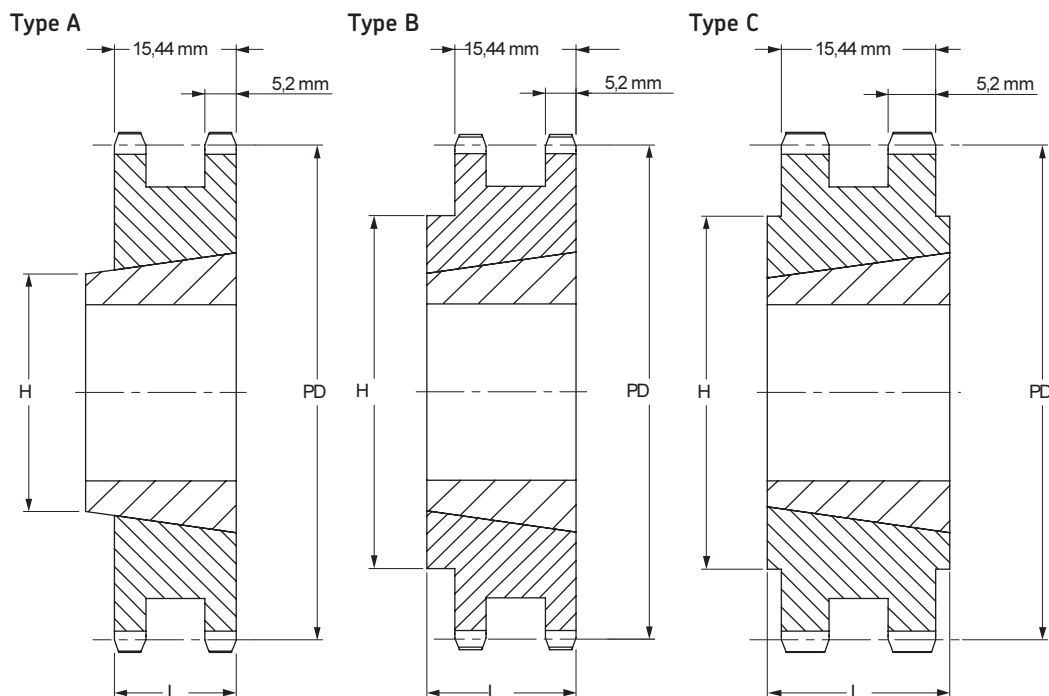


Metric sprockets

Duplex
Taper Bushed



ISO 06B-2 9,525 mm Pitch



Taper Bushed Type A/B/C

No. Teeth	Pitch Diameter	Type	Bushing Size	Bore		Dimensions		Weight		Designation
				Min	Max	L	H	Rim	Bushing	
	mm			mm	mm	mm	mm	kg	kg	
16	48,82	B	1108	9	25,4	22,0	41	0,06	0,12	PHS 06B-2TB16
17	51,83	B	1008	9	25,4	22,0	41	0,12	0,09	PHS 06B-2TB17
18	54,85	B	1008	9	25,4	22,0	45	0,18	0,09	PHS 06B-2TB18
19	57,87	B	1008	9	25,4	22,0	46	0,20	0,09	PHS 06B-2TB19
20	60,89	B	1008	9	25,4	22,0	48	0,24	0,09	PHS 06B-2TB20
21	63,91	B	1008	9	25,4	22,0	49	0,29	0,09	PHS 06B-2TB21
22	66,93	B	1108	9	25,4	22,0	52	0,30	0,12	PHS 06B-2TB22
23	69,95	B	1210	11	31,8	25,0	59	0,26	0,21	PHS 06B-2TB23
24	72,97	B	1210	11	31,8	25,0	63	0,34	0,21	PHS 06B-2TB24
25	76,00	B	1210	11	31,8	25,0	64	0,41	0,21	PHS 06B-2TB25
26	79,02	B	1210	11	31,8	25,0	65	0,45	0,21	PHS 06B-2TB26
27	82,05	B	1210	11	31,8	25,0	70	0,50	0,21	PHS 06B-2TB27
28	85,07	B	1210	11	31,8	25,0	70	0,54	0,21	PHS 06B-2TB28
29	88,09	B	1210	11	31,8	25,0	70	0,51	0,21	PHS 06B-2TB29
30	91,12	B	1210	11	31,8	25,0	75	0,61	0,21	PHS 06B-2TB30
32	97,17	B	1610	14	41,3	25,0	80	0,75	0,31	PHS 06B-2TB32
35	106,26	B	1610	14	41,3	25,0	80	0,95	0,31	PHS 06B-2TB35
38	115,35	B	1610	14	41,3	25,0	80	1,16	0,31	PHS 06B-2TB38
40	121,40	B	1610	14	41,3	25,0	80	1,30	0,31	PHS 06B-2TB40
45	136,55	B	1610	14	41,3	25,0	80	1,64	0,31	PHS 06B-2TB45
48	145,64	B	1610	14	41,3	25,0	80	1,85	0,31	PHS 06B-2TB48
54	163,82	B	1610	14	41,3	25,0	80	2,26	0,31	PHS 06B-2TB54
57	172,91	B	1610	14	41,3	25,0	80	1,75	0,31	PHS 06B-2TB57
60	182,00	B	1610	14	41,3	25,0	80	2,67	0,31	PHS 06B-2TB60
70	212,30	B	1610	14	41,3	25,0	80	3,36	0,31	PHS 06B-2TB70
76	230,49	B	1610	14	41,3	25,0	80	3,19	0,31	PHS 06B-2TB76
95	288,08	B	1610	14	41,3	25,0	90	5,08	0,31	PHS 06B-2TB95
114	345,68	B	1615	14	50,8	38,0	95	6,39	0,59	PHS 06B-2TB114

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



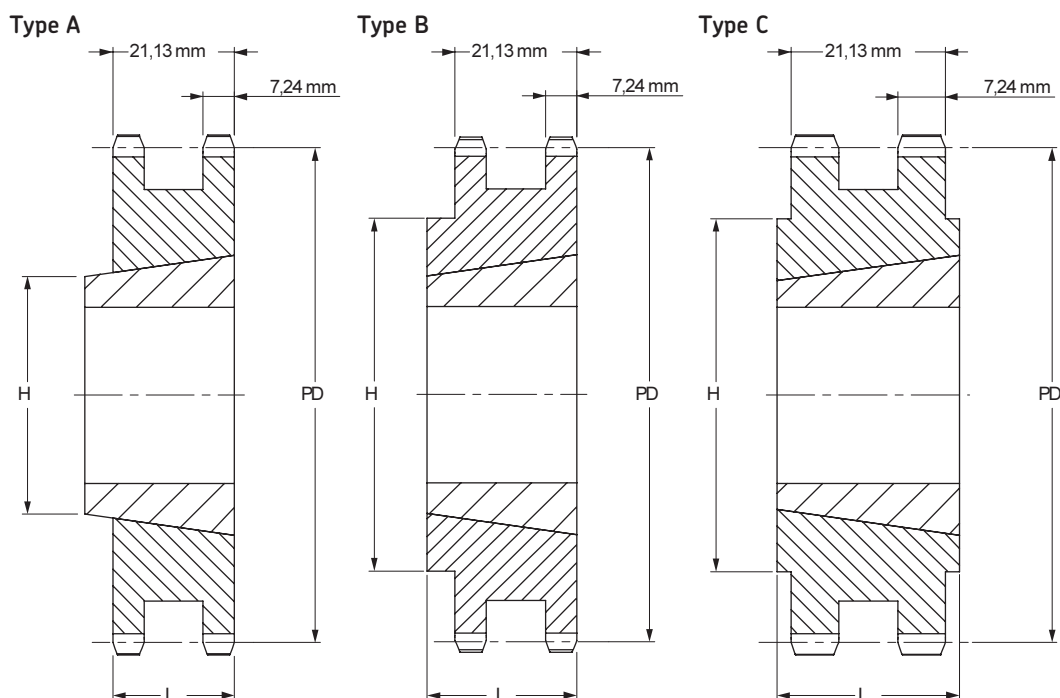
Metric sprockets

Duplex

Taper Bushed

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

ISO 08B-2 12,70 mm Pitch



Taper Bushed Type A/B/C

No. Teeth	Pitch Diameter	Type	Bushing Size	Bore		Dimensions		Weight		Designation
	mm			Min	Max	L	H	Rim	Bushing	
15	61,09	A	1008	9	25,4	22,0	46	0,23	0,09	PHS 08B-2TB15
16	65,10	A	1108	9	28,0	22,0	50	0,25	0,12	PHS 08B-2TB16
17	69,11	A	1210	11	31,8	25,0	56	0,26	0,21	PHS 08B-2TB17
18	73,14	B	1210	11	31,8	25,0	60	0,31	0,21	PHS 08B-2TB18
19	77,16	B	1210	11	31,8	25,0	62	0,43	0,21	PHS 08B-2TB19
20	81,19	B	1610	14	41,3	25,0	68	0,45	0,31	PHS 08B-2TB20
21	85,22	B	1610	14	41,3	25,0	70	0,48	0,31	PHS 08B-2TB21
22	89,24	B	1610	14	41,3	25,0	76	0,54	0,31	PHS 08B-2TB22
23	93,27	B	1610	14	41,3	25,0	79	0,66	0,31	PHS 08B-2TB23
24	97,29	B	1610	14	50,8	32,0	84	0,60	0,59	PHS 08B-2TB24
25	101,33	B	2012	14	50,8	32,0	87	0,74	0,59	PHS 08B-2TB25
26	105,36	B	2012	14	50,8	32,0	87	0,81	0,59	PHS 08B-2TB26
27	109,40	B	2012	14	50,8	32,0	87	0,92	0,59	PHS 08B-2TB27
28	113,42	B	2012	14	50,8	32,0	87	1,03	0,59	PHS 08B-2TB28
29	117,46	B	2012	14	50,8	32,0	87	1,16	0,59	PHS 08B-2TB29
30	121,50	B	2012	14	50,8	32,0	87	1,25	0,59	PHS 08B-2TB30
35	141,68	B	2012	14	50,8	32,0	100	1,65	0,59	PHS 08B-2TB35
36	145,72	B	2012	14	50,8	32,0	100	2,05	0,59	PHS 08B-2TB36
38	153,80	B	2012	14	50,8	32,0	100	2,53	0,59	PHS 08B-2TB38
42	169,94	C	2517	16	63,5	32,0	100	3,13	1,30	PHS 08B-2TB42
45	182,07	C	2012	14	50,8	32,0	100	3,73	0,59	PHS 08B-2TB45
48	194,18	C	2517	16	63,5	32,0	100	3,84	1,30	PHS 08B-2TB48
54	218,42	C	2517	16	63,5	32,0	100	3,95	1,30	PHS 08B-2TB54
57	230,53	C	2012	14	50,8	32,0	100	4,07	0,59	PHS 08B-2TB57
60	242,66	C	2517	16	63,5	32,0	100	4,20	1,30	PHS 08B-2TB60
68	274,99	C	2517	16	63,5	32,0	100	4,33	1,30	PHS 08B-2TB68
70	283,07	C	2517	16	63,5	32,0	100	4,46	1,30	PHS 08B-2TB70
72	291,15	C	2517	16	63,5	32,0	100	4,59	1,30	PHS 08B-2TB72
76	307,31	C	2012	14	50,8	32,0	100	4,72	0,59	PHS 08B-2TB76
84	339,65	C	2517	16	63,5	32,0	100	6,45	1,30	PHS 08B-2TB84
95	384,10	C	2012	14	50,8	32,0	100	8,18	0,59	PHS 08B-2TB95
96	388,15	C	2517	16	63,5	32,0	110	9,00	1,30	PHS 08B-2TB96
114	460,90	C	2517	16	63,5	45,0	110	10,50	1,30	PHS 08B-2TB114

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

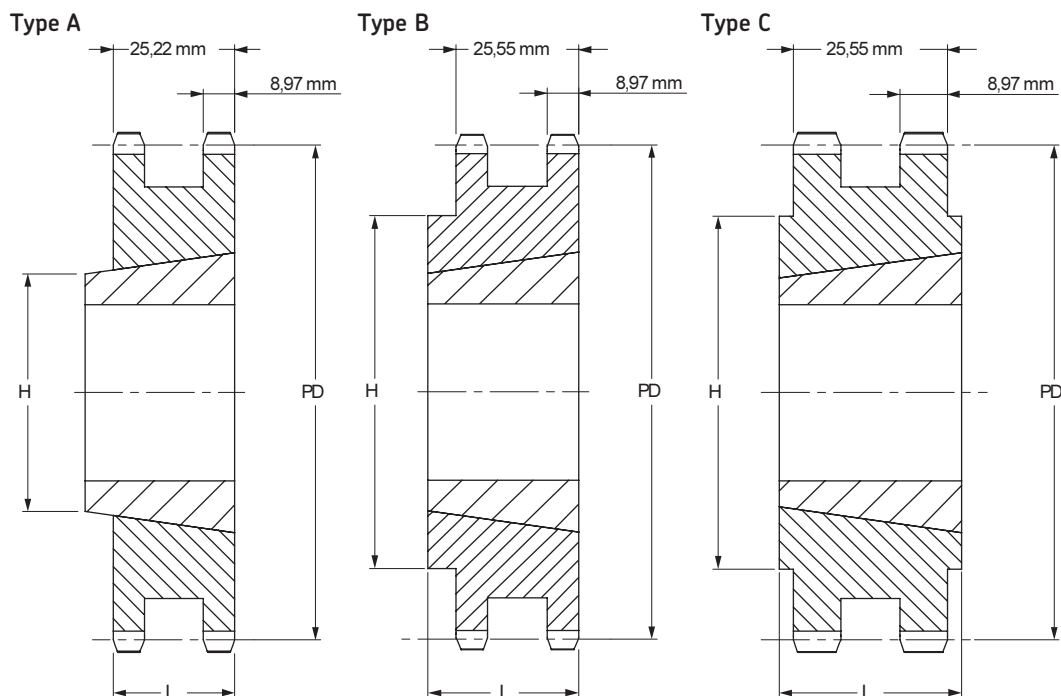


Metric sprockets

Duplex
Taper Bushed



ISO 10B-2 15,88 mm Pitch



Taper Bushed Type A/B/C

No. Teeth	Pitch Diameter	Type	Bushing Size	Bore		Dimensions		Weight		Designation
				Min	Max	L	H	Rim	Bushing	
				mm	mm	mm	mm	kg	kg	
14	71,34	A	1008	9	25,4	25,5	—	0,43	0,09	PHS 10B-2TB14
15	76,36	A	1210	11	31,8	25,5	—	0,39	0,21	PHS 10B-2TB15
16	81,37	A	1610	14	41,3	25,5	—	0,35	0,31	PHS 10B-2TB16
17	86,39	A	1610	14	41,3	25,5	—	0,46	0,31	PHS 10B-2TB17
18	91,42	A	1610	14	41,3	25,5	—	0,62	0,31	PHS 10B-2TB18
19	96,45	A	1610	14	41,3	25,5	—	0,75	0,31	PHS 10B-2TB19
20	101,49	B	1610	14	41,3	25,5	—	0,87	0,31	PHS 10B-2TB20
21	106,52	B	1610	14	41,3	25,5	—	1,05	0,31	PHS 10B-2TB21
22	111,55	B	1610	14	41,3	25,5	—	1,20	0,31	PHS 10B-2TB22
23	116,58	B	1610	14	41,3	25,5	—	1,38	0,31	PHS 10B-2TB23
24	121,62	B	2012	14	50,8	32,0	90	1,43	0,59	PHS 10B-2TB24
25	126,66	B	2012	14	50,8	32,0	90	1,62	0,59	PHS 10B-2TB25
26	131,70	B	2012	14	50,8	32,0	90	1,79	0,59	PHS 10B-2TB26
27	136,75	B	2012	14	50,8	32,0	90	2,00	0,59	PHS 10B-2TB27
28	141,78	B	2012	14	50,8	32,0	90	2,20	0,59	PHS 10B-2TB28
29	146,83	B	2012	14	50,8	32,0	90	2,43	0,59	PHS 10B-2TB29
30	151,87	B	2012	14	50,8	32,0	90	2,66	0,59	PHS 10B-2TB30
36	182,15	C	2517	16	63,5	45,0	110	4,33	1,30	PHS 10B-2TB36
38	192,24	C	2517	14	50,8	45,0	110	4,88	0,59	PHS 10B-2TB38
42	212,44	C	2517	16	63,5	45,0	110	5,99	1,30	PHS 10B-2TB42
45	227,58	C	2517	16	63,5	45,0	110	6,83	1,30	PHS 10B-2TB45
48	242,73	C	2517	16	63,5	45,0	110	7,66	1,30	PHS 10B-2TB48
57	288,18	C	2517	16	63,5	45,0	110	10,15	1,30	PHS 10B-2TB57
60	303,32	C	2517	16	63,5	45,0	110	10,99	1,30	PHS 10B-2TB60
68	343,74	C	2517	16	63,5	45,0	110	13,21	1,30	PHS 10B-2TB68
76	384,16	C	2517	16	63,5	45,0	110	15,43	1,30	PHS 10B-2TB76
84	424,57	C	2517	16	63,5	45,0	110	17,65	1,30	PHS 10B-2TB84
95	480,14	C	2517	16	63,5	45,0	110	20,70	1,30	PHS 10B-2TB95
114	576,13	C	2517	16	63,5	45,0	110	25,97	1,30	PHS 10B-2TB114

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



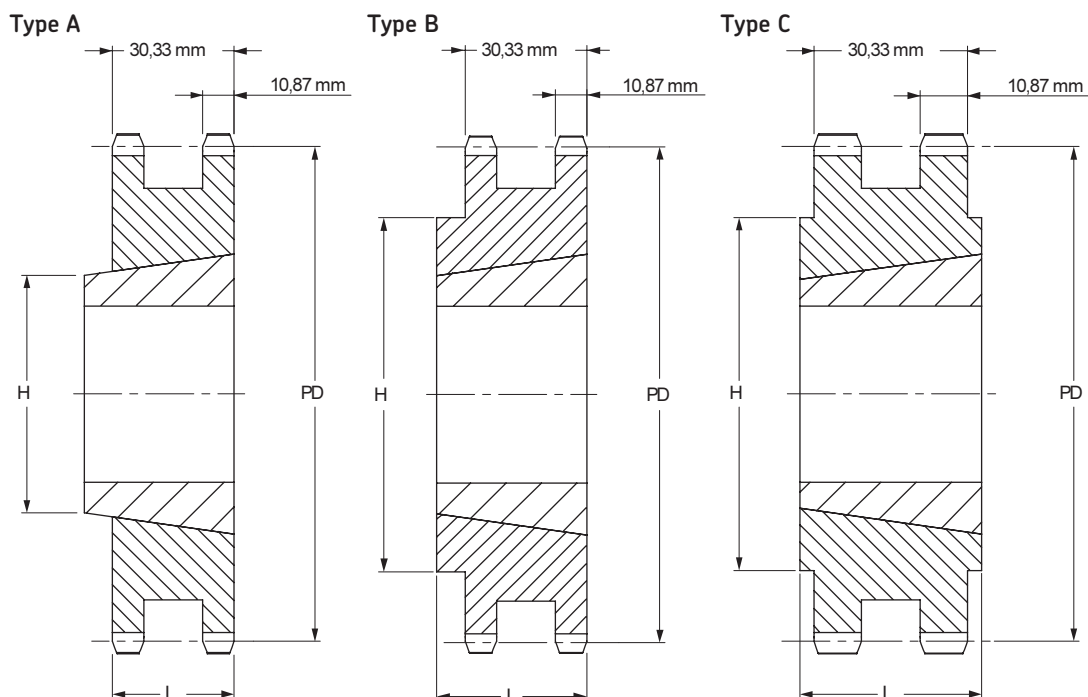
Metric sprockets

Duplex

Taper Bushed

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

ISO 12B-2 19,05 mm Pitch



Taper Bushed Type A/B/C

No. Teeth	Pitch Diameter	Type	Bushing Size	Bore		Dimensions		Weight		Designation
	Min			Max	L	H	Rim	Bushing		
	mm			mm	mm	mm	kg	kg		
12	73,61	A	1215	11	31,8	30,3	–	0,19	0,30	PHS 12B-2TB12
13	79,59	A	1610	14	41,3	30,3	–	0,36	0,30	PHS 12B-2TB13
14	85,61	A	1610	14	41,3	30,3	–	0,53	0,30	PHS 12B-2TB14
15	91,63	A	1610	14	41,3	30,3	–	0,70	0,31	PHS 12B-2TB15
16	97,65	A	1610	14	41,3	30,3	–	0,87	0,31	PHS 12B-2TB16
17	103,67	A	1610	14	41,3	30,3	–	1,10	0,31	PHS 12B-2TB17
18	109,71	B	2012	14	50,8	31,8	90	1,05	0,59	PHS 12B-2TB18
19	115,75	B	2012	14	50,8	32,0	90	1,29	0,59	PHS 12B-2TB19
20	121,78	B	2517	16	63,5	45,0	102	1,34	1,30	PHS 12B-2TB20
21	127,82	B	2517	16	63,5	45,0	108	1,71	1,30	PHS 12B-2TB21
22	133,86	B	2517	16	63,5	45,0	108	2,03	1,30	PHS 12B-2TB22
23	139,90	B	2517	16	63,5	45,0	108	2,51	1,30	PHS 12B-2TB23
24	145,94	B	2517	16	63,5	45,0	108	2,58	1,30	PHS 12B-2TB24
25	152,00	B	2517	16	63,5	45,0	108	3,38	1,30	PHS 12B-2TB25
26	158,04	B	2517	16	63,5	45,0	108	3,24	1,30	PHS 12B-2TB26
27	164,09	B	2517	16	63,5	45,0	108	4,00	1,30	PHS 12B-2TB27
28	170,13	B	2517	16	63,5	45,0	108	3,92	1,30	PHS 12B-2TB28
30	182,25	B	2517	16	63,5	45,0	108	5,14	1,30	PHS 12B-2TB30
32	194,36	B	2517	16	63,5	44,5	130	5,92	1,30	PHS 12B-2TB32
35	212,52	B	2517	16	63,5	44,5	130	7,08	1,30	PHS 12B-2TB35
38	230,69	B	3020	25	76,2	51,0	140	6,95	2,24	PHS 12B-2TB38
40	242,81	C	3020	25	76,2	51,0	140	9,03	2,24	PHS 12B-2TB40
42	254,93	C	3020	25	76,2	51,0	140	9,81	2,24	PHS 12B-2TB42
45	273,10	C	3020	25	76,2	51,0	140	9,33	2,24	PHS 12B-2TB45
54	327,64	C	3020	25	76,2	51,0	140	14,47	2,24	PHS 12B-2TB54
57	345,81	C	3020	25	76,2	51,0	140	10,50	2,24	PHS 12B-2TB57
60	363,99	C	3020	25	76,2	51,0	140	16,80	2,24	PHS 12B-2TB60
65	394,29	C	3020	25	76,2	51,0	140	18,75	2,24	PHS 12B-2TB65
70	424,60	C	3020	25	76,2	51,0	140	20,69	2,24	PHS 12B-2TB70
76	460,99	C	3020	25	76,2	51,0	140	17,06	2,24	PHS 12B-2TB76
84	509,48	C	3020	25	76,2	51,0	140	26,13	2,24	PHS 12B-2TB84
95	576,17	C	3020	25	76,2	51,0	140	28,50	2,24	PHS 12B-2TB95
114	691,36	C	3020	25	76,2	76,0	140	37,80	2,24	PHS 12B-2TB114

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

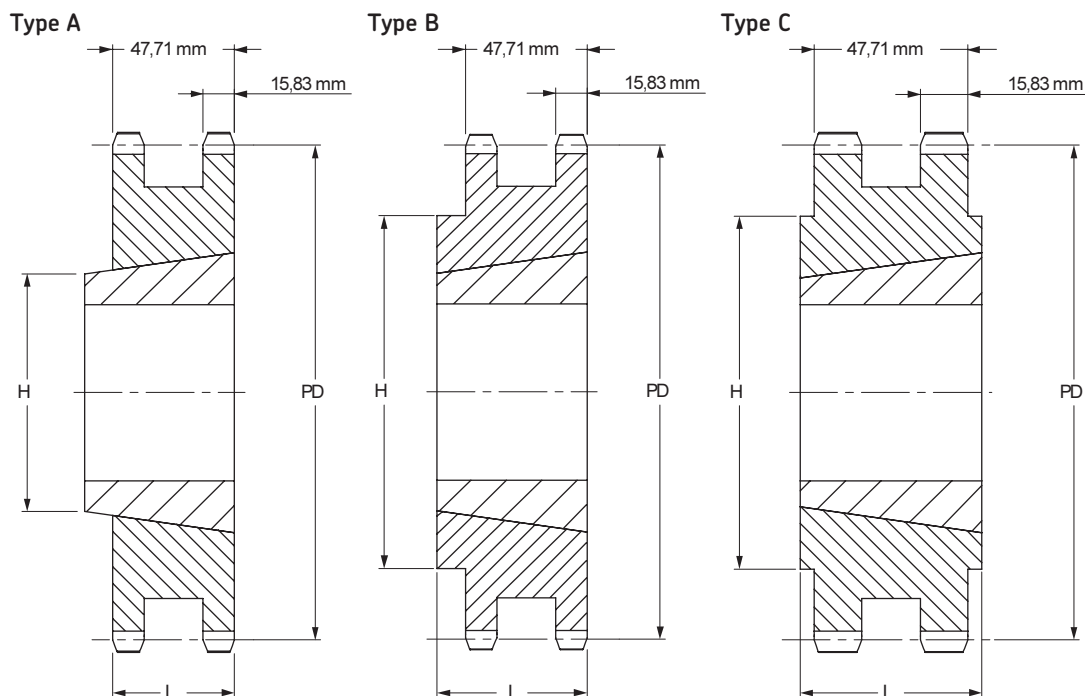


Metric sprockets

Duplex
Taper Bushed



ISO 16B-2 25,40 mm Pitch



Taper Bushed Type A/B/C

No. Teeth	Pitch Diameter	Type	Bushing Size	Bore		Dimensions		Weight		Designation
				Min	Max	L	H	Rim	Bushing	
				mm	mm	mm	mm	kg	kg	
13	106,12	A	1615	14	42,0	47,7	—	0,51	0,59	PHS 16B-2TB13
14	114,15	A	2012	14	50,8	47,7	—	1,01	0,59	PHS 16B-2TB14
15	122,17	A	2012	14	50,8	47,7	—	2,12	0,59	PHS 16B-2TB15
16	130,20	A	2517	16	63,5	47,7	—	2,01	1,30	PHS 16B-2TB16
17	138,22	A	2517	16	63,5	47,7	—	2,51	1,30	PHS 16B-2TB17
18	146,28	A	2517	16	63,5	47,7	—	3,13	1,30	PHS 16B-2TB18
19	154,33	A	2517	16	63,5	47,7	—	3,76	1,30	PHS 16B-2TB19
20	162,38	B	2517	16	63,5	47,7	140	4,43	1,30	PHS 16B-2TB20
21	170,43	B	3020	25	76,2	51,0	140	4,13	2,24	PHS 16B-2TB21
22	178,48	B	3020	25	76,2	51,0	140	4,95	2,24	PHS 16B-2TB22
23	186,53	B	3020	25	76,2	51,0	140	5,80	2,24	PHS 16B-2TB23
24	194,59	B	3020	25	76,2	51,0	140	6,68	2,24	PHS 16B-2TB24
25	202,66	B	3020	25	76,2	51,0	140	7,65	2,24	PHS 16B-2TB25
26	210,72	B	3020	25	76,2	51,0	140	8,50	2,24	PHS 16B-2TB26
27	218,79	B	3020	25	76,2	51,0	140	9,47	2,24	PHS 16B-2TB27
28	226,85	B	3020	25	76,2	51,0	140	10,46	2,24	PHS 16B-2TB28
29	234,92	B	3020	25	76,2	51,0	140	11,48	2,24	PHS 16B-2TB29
30	243,00	B	3020	25	76,2	51,0	140	12,50	3,04	PHS 16B-2TB30
35	283,36	C	3030	35	76,2	76,0	140	16,36	3,04	PHS 16B-2TB35
38	307,59	C	3020	25	63,5	51,0	140	13,48	3,04	PHS 16B-2TB38
42	339,90	C	3030	35	76,2	76,0	140	22,52	2,24	PHS 16B-2TB42
45	364,13	C	3030	35	76,2	76,0	140	18,30	3,04	PHS 16B-2TB45
57	461,07	C	3525	35	100,0	63,5	175	27,00	3,56	PHS 16B-2TB57
76	614,65	C	3525	35	100,0	63,5	175	43,50	3,56	PHS 16B-2TB76
95	768,22	C	3525	40	101,6	102,0	215	67,00	5,54	PHS 16B-2TB95
114	921,81	C	4040	40	101,6	102,0	215	85,88	5,54	PHS 16B-2TB114

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



Metric sprockets

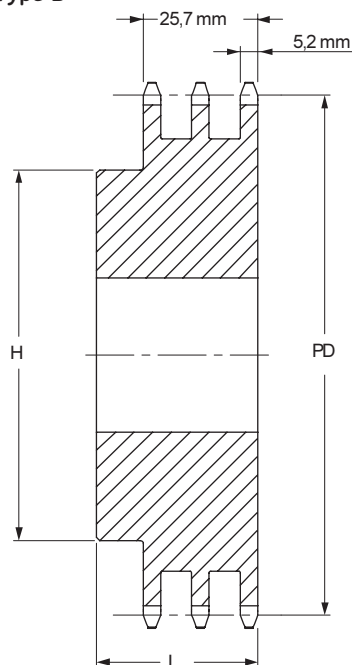
Triplex

Standard

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

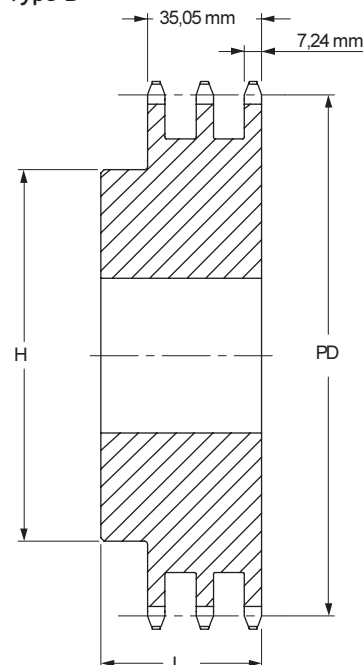
ISO 06B-3 9,525 mm Pitch

Type B



ISO 08B-3 12,70 mm Pitch

Type B



Pilot bore Type B

No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
	mm		mm	mm	mm	mm	kg	
12	36,80	B	10	16	25	35	0,23	PHS 06B-3B12
13	39,79	B	10	18	28	35	0,27	PHS 06B-3B13
14	42,80	B	12	18	31	35	0,32	PHS 06B-3B14
15	45,81	B	12	20	34	35	0,36	PHS 06B-3B15
16	48,82	B	12	20	37	35	0,45	PHS 06B-3B16
17	51,83	B	12	24	40	35	0,54	PHS 06B-3B17
18	54,85	B	12	25	43	35	0,64	PHS 06B-3B18
19	57,87	B	12	28	46	35	0,72	PHS 06B-3B19
20	60,89	B	12	30	49	35	0,77	PHS 06B-3B20
21	63,91	B	14	30	52	40	0,86	PHS 06B-3B21
22	66,93	B	14	35	55	40	0,95	PHS 06B-3B22
23	69,95	B	14	38	58	40	1,04	PHS 06B-3B23
24	72,97	B	14	39	61	40	1,18	PHS 06B-3B24
25	76,02	B	14	40	64	40	1,27	PHS 06B-3B25
26	79,02	B	14	42	67	40	1,31	PHS 06B-3B26
27	82,02	B	14	45	70	40	1,36	PHS 06B-3B27
28	85,07	B	14	48	73	40	1,50	PHS 06B-3B28
29	88,09	B	14	50	76	40	1,68	PHS 06B-3B29
30	91,12	B	14	52	79	40	1,72	PHS 06B-3B30
32	97,17	B	16	52	80	40	2,00	PHS 06B-3B32
35	106,26	B	16	52	85	40	2,25	PHS 06B-3B35
36	109,29	B	16	60	90	40	2,33	PHS 06B-3B36
38	115,35	B	16	60	90	40	2,49	PHS 06B-3B38
40	121,40	B	16	60	90	40	2,65	PHS 06B-3B40
42	127,46	B	16	60	90	56	2,81	PHS 06B-3B42
45	136,55	B	16	60	90	56	3,00	PHS 06B-3B45
48	145,64	B	16	60	90	56	3,20	PHS 06B-3B48
52	157,75	B	16	60	90	56	3,46	PHS 06B-3B52
57	172,91	B	16	60	90	56	4,77	PHS 06B-3B57
60	181,99	B	16	60	90	56	5,02	PHS 06B-3B60
68	206,24	B	16	60	90	56	5,69	PHS 06B-3B68
70	212,30	B	16	60	90	56	5,86	PHS 06B-3B70
72	218,37	B	16	60	90	56	6,02	PHS 06B-3B72
76	230,49	B	16	64	90	56	8,48	PHS 06B-3B76
84	254,74	B	16	64	90	56	9,37	PHS 06B-3B84
95	288,08	B	16	64	90	56	13,61	PHS 06B-3B95
96	291,11	B	16	64	90	56	13,75	PHS 06B-3B96
114	345,69	B	16	64	90	56	17,48	PHS 06B-3B114

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	Pitch Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
	mm		mm	mm	mm	mm	kg	
11	45,07	B	14	22	32	50	0,32	PHS 08B-3B11
12	49,07	B	14	24	35	50	0,45	PHS 08B-3B12
13	53,06	B	14	25	38	50	0,59	PHS 08B-3B13
14	57,07	B	14	28	42	50	0,72	PHS 08B-3B14
15	61,09	B	14	31	46	50	0,81	PHS 08B-3B15
16	65,10	B	16	35	50	50	0,90	PHS 08B-3B16
17	69,11	B	16	36	54	50	1,04	PHS 08B-3B17
18	73,14	B	16	38	58	50	1,22	PHS 08B-3B18
19	77,16	B	16	40	62	50	1,41	PHS 08B-3B19
20	81,19	B	16	40	66	50	1,58	PHS 08B-3B20
21	85,22	B	16	45	70	55	1,81	PHS 08B-3B21
22	89,24	B	16	45	70	55	2,03	PHS 08B-3B22
23	93,27	B	16	45	70	55	2,27	PHS 08B-3B23
24	97,29	B	16	50	75	55	2,44	PHS 08B-3B24
25	101,33	B	16	52	80	55	2,54	PHS 08B-3B25
26	105,36	B	20	56	85	55	2,85	PHS 08B-3B26
27	109,40	B	20	56	85	55	2,85	PHS 08B-3B27
28	113,42	B	20	60	90	55	3,16	PHS 08B-3B28
29	117,46	B	20	62	95	55	3,34	PHS 08B-3B29
30	121,50	B	20	64	100	55	3,48	PHS 08B-3B30
35	141,68	B	20	73	110	55	4,79	PHS 08B-3B35
36	145,72	B	25	80	120	55	5,43	PHS 08B-3B36
38	153,80	B	25	80	120	55	6,49	PHS 08B-3B38
42	169,95	B	25	80	120	60	7,17	PHS 08B-3B42
45	182,07	B	25	80	120	60	7,69	PHS 08B-3B45
48	194,18	B	25	80	120	60	8,20	PHS 08B-3B48
52	210,34	B	25	80	120	60	8,88	PHS 08B-3B52
54	218,43	B	25	80	120	60	9,22	PHS 08B-3B54
57	230,54	B	25	80	120	60	12,62	PHS 08B-3B57
60	242,66	B	25	85	120	60	13,84	PHS 08B-3B60
68	274,99	B	25	85	120	60	15,69	PHS 08B-3B68
72	291,16	B	25	85	120	60	16,61	PHS 08B-3B72
76	307,33	B	25	85	120	60	22,23	PHS 08B-3B76
84	339,65	B	25	85	120	60	24,57	PHS 08B-3B84
95	384,11	B	25	85	120	60	33,11	PHS 08B-3B95
114	460,90	B	25	85	120	60	41,90	PHS 08B-3B114

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.



Metric sprockets

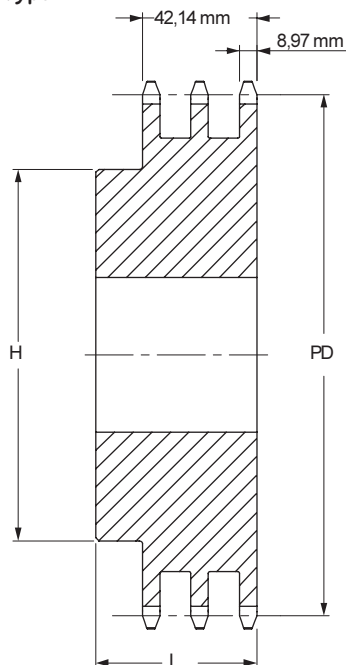
Triplex
Standard



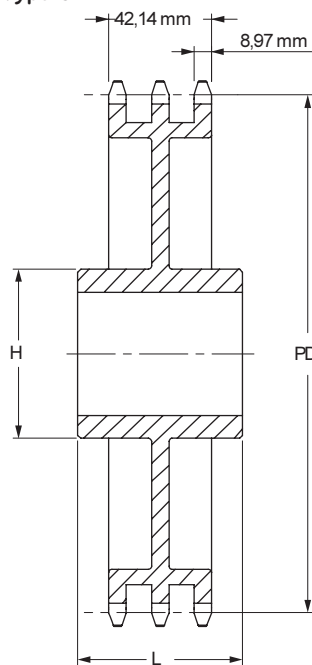
ISO 10B-3 15,88 mm Pitch

ISO 12B-3 19,05 mm Pitch

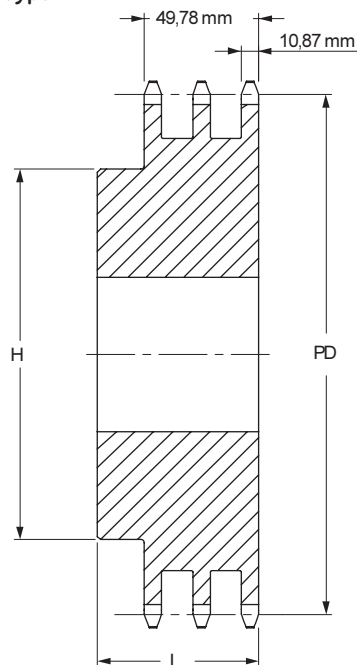
Type B



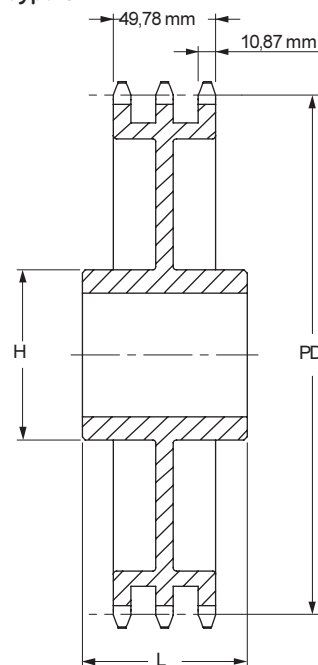
Type C



Type B



Type C



Pilot bore Type B/C

No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
			mm	mm	mm	mm		
11	56,34	B	16	24	39	55	0,68	PHS 10B-3B11
12	61,34	B	16	29	44	55	0,82	PHS 10B-3B12
13	66,32	B	16	34	49	55	1,05	PHS 10B-3B13
14	71,34	B	16	35	54	55	1,23	PHS 10B-3B14
15	76,36	B	16	38	59	55	1,36	PHS 10B-3B15
16	81,37	B	16	42	64	60	1,55	PHS 10B-3B16
17	86,38	B	16	45	69	60	1,81	PHS 10B-3B17
18	91,42	B	16	48	74	60	2,09	PHS 10B-3B18
19	96,45	B	16	52	79	60	2,40	PHS 10B-3B19
20	101,49	B	16	56	84	60	2,72	PHS 10B-3B20
21	106,52	B	20	56	85	60	3,04	PHS 10B-3B21
22	111,55	B	20	60	90	60	3,36	PHS 10B-3B22
23	116,58	B	20	62	95	60	3,67	PHS 10B-3B23
24	121,62	B	20	64	100	60	4,00	PHS 10B-3B24
25	126,66	B	20	68	105	60	4,31	PHS 10B-3B25
26	131,70	B	20	73	110	60	5,18	PHS 10B-3B26
27	136,75	B	20	73	110	60	5,63	PHS 10B-3B27
28	141,78	B	20	76	115	60	6,04	PHS 10B-3B28
29	146,83	B	20	76	115	60	6,22	PHS 10B-3B29
30	151,87	B	20	80	120	60	6,36	PHS 10B-3B30
32	161,95	B	20	80	120	60	7,26	PHS 10B-3B32
35	177,10	B	20	80	120	60	8,60	PHS 10B-3B35
36	182,15	B	25	80	120	60	9,34	PHS 10B-3B36
38	192,24	B	25	80	120	60	11,03	PHS 10B-3B38
45	227,58	B	25	80	130	60	14,94	PHS 10B-3B45
48	242,73	B	25	80	130	60	16,62	PHS 10B-3B48
57	288,18	B	25	80	130	64	21,77	PHS 10B-3B57
60	303,32	B	25	80	130	67	22,22	PHS 10B-3B60
76	384,16	C	25	80	130	67	23,13	PHS 10B-3C76
80	404,35	C	25	80	130	67	25,14	PHS 10B-3C80
95	480,14	C	25	80	130	67	32,66	PHS 10B-3C95
114	576,13	C	25	80	130	67	44,76	PHS 10B-3C114

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

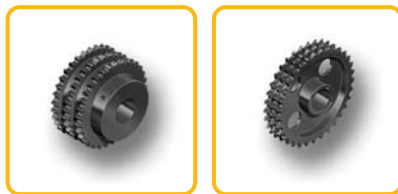
For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Pilot bore Type B/C

No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
			mm	mm	mm	mm		
11	67,61	B	20	32	47	70	1,13	PHS 12B-3B11
12	73,61	B	20	36	53	70	1,50	PHS 12B-3B12
13	79,59	B	20	38	59	70	1,77	PHS 12B-3B13
14	85,61	B	20	42	65	70	2,04	PHS 12B-3B14
15	91,63	B	20	45	71	70	2,45	PHS 12B-3B15
16	97,65	B	20	51	77	70	2,95	PHS 12B-3B16
17	103,67	B	20	54	83	70	3,49	PHS 12B-3B17
18	109,71	B	20	60	89	70	3,86	PHS 12B-3B18
19	115,75	B	20	62	95	70	4,54	PHS 12B-3B19
20	121,78	B	20	64	100	70	5,08	PHS 12B-3B20
21	127,82	B	20	64	100	70	5,67	PHS 12B-3B21
22	133,86	B	20	64	100	70	5,99	PHS 12B-3B22
23	139,90	B	20	73	110	70	6,62	PHS 12B-3B23
24	145,94	B	20	73	110	70	7,17	PHS 12B-3B24
25	152,00	B	20	80	120	70	7,71	PHS 12B-3B25
26	158,04	B	20	80	120	70	8,44	PHS 12B-3B26
27	164,09	B	20	80	120	70	8,99	PHS 12B-3B27
28	170,13	B	20	80	120	70	9,49	PHS 12B-3B28
29	176,19	B	20	80	120	70	9,99	PHS 12B-3B29
30	182,25	B	20	80	120	70	10,53	PHS 12B-3B30
35	212,52	B	25	85	130	70	18,95	PHS 12B-3B35
36	218,58	B	25	85	130	70	19,49	PHS 12B-3B36
38	230,69	B	25	85	130	70	20,57	PHS 12B-3B38
45	273,10	B	25	85	140	70	24,36	PHS 12B-3B45
48	291,27	B	25	85	140	70	25,98	PHS 12B-3B48
57	345,81	B	25	82	140	70	33,73	PHS 12B-3B57
60	363,99	C	25	82	140	70	35,51	PHS 12B-3C60
68	412,49	C	25	82	140	70	40,24	PHS 12B-3C68
76	460,99	C	25	95	140	70	37,19	PHS 12B-3C76
80	485,22	C	25	95	140	70	39,15	PHS 12B-3C80
95	576,17	C	25	95	140	70	47,63	PHS 12B-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.



Metric sprockets

Triplex

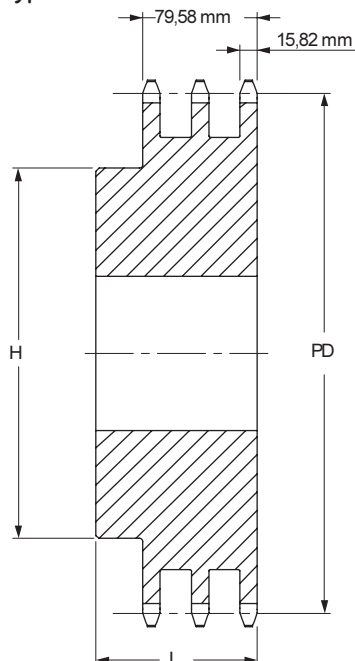
Standard

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

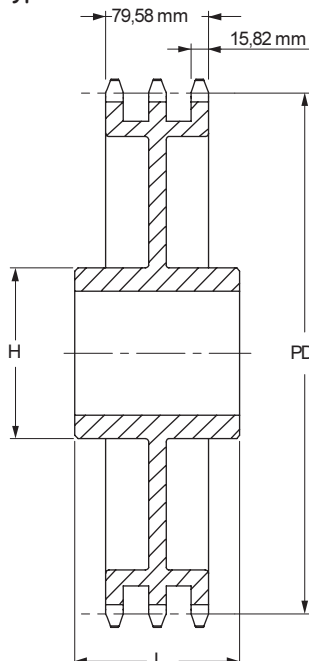
ISO 16B-3 25,40 mm Pitch

ISO 20B-3 31,75 mm Pitch

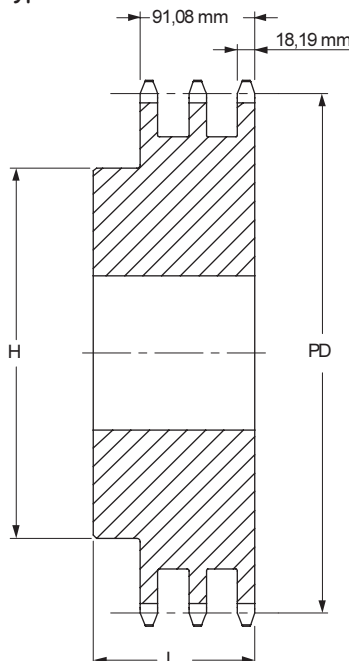
Type B



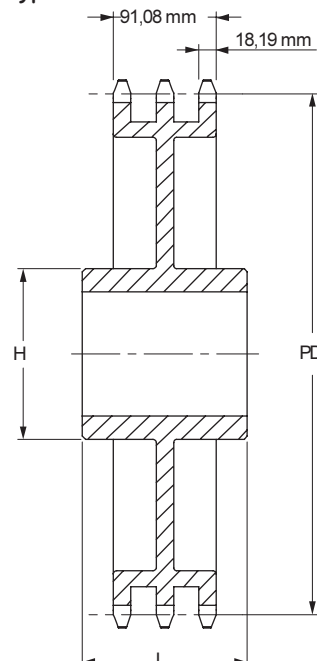
Type C



Type B



Type C



Pilot bore Type B/C

No. Teeth	Pitch Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
			mm	mm	mm	mm		
10	90,14	B	20	42	56	95	1,85	PHS 16B-3B10
11	90,14	B	25	42	64	100	3,59	PHS 16B-3B11
12	98,14	B	25	45	72	100	3,59	PHS 16B-3B12
13	106,12	B	25	52	80	100	4,13	PHS 16B-3B13
14	114,15	B	25	58	88	100	4,68	PHS 16B-3B14
15	122,17	B	25	62	96	100	5,54	PHS 16B-3B15
16	130,20	B	25	66	104	100	6,81	PHS 16B-3B16
17	138,22	B	25	74	112	100	8,07	PHS 16B-3B17
18	146,28	B	25	80	120	100	9,99	PHS 16B-3B18
19	154,33	B	25	84	128	100	10,89	PHS 16B-3B19
20	162,38	B	25	85	130	100	11,80	PHS 16B-3B20
21	170,43	B	25	85	130	100	13,61	PHS 16B-3B21
22	178,48	B	25	85	130	100	14,07	PHS 16B-3B22
23	186,53	B	25	85	130	100	14,97	PHS 16B-3B23
24	194,59	B	25	85	130	100	16,34	PHS 16B-3B24
25	202,66	B	25	85	130	100	17,70	PHS 16B-3B25
26	210,72	B	30	85	130	100	19,98	PHS 16B-3B26
27	218,79	B	30	85	130	100	21,57	PHS 16B-3B27
28	226,85	B	30	85	130	100	23,15	PHS 16B-3B28
29	234,92	B	30	85	130	100	24,74	PHS 16B-3B29
30	243,00	B	30	95	136	100	26,33	PHS 16B-3B30
35	283,36	B	30	95	140	100	36,06	PHS 16B-3B35
36	291,44	B	30	95	140	100	38,06	PHS 16B-3B36
38	307,59	C	30	97	140	100	38,22	PHS 16B-3C38
42	339,89	C	30	97	160	100	38,51	PHS 16B-3C42
45	364,13	C	30	97	160	100	41,77	PHS 16B-3C45
57	461,07	C	30	107	180	110	54,80	PHS 16B-3C57
60	485,32	C	30	107	180	110	58,06	PHS 16B-3C60
68	549,98	C	30	107	180	110	63,50	PHS 16B-3C68
76	614,65	C	30	107	180	110	74,52	PHS 16B-3C76
95	768,22	C	30	114	180	110	100,70	PHS 16B-3C95
114	921,81	C	30	114	180	110	120,84	PHS 16B-3C114

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	Pitch Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
			mm	mm	mm	mm		
10	102,75	B	20	47	70	110	3,95	PHS 20B-3B10
11	112,70	B	20	52	80	115	5,26	PHS 20B-3B11
12	122,67	B	20	60	90	115	6,21	PHS 20B-3B12
13	132,67	B	20	64	100	115	9,26	PHS 20B-3B13
14	142,68	B	20	73	110	115	9,76	PHS 20B-3B14
15	152,71	B	20	80	120	115	10,81	PHS 20B-3B15
16	162,75	B	25	80	120	115	12,76	PHS 20B-3B16
17	172,79	B	25	80	120	115	14,76	PHS 20B-3B17
18	182,84	B	25	80	120	115	16,71	PHS 20B-3B18
19	192,90	B	25	80	120	115	19,13	PHS 20B-3B19
20	202,96	B	25	80	120	115	21,57	PHS 20B-3B20
21	213,03	B	25	92	140	115	23,36	PHS 20B-3B21
22	223,10	B	25	92	140	115	25,65	PHS 20B-3B22
23	233,17	B	25	92	140	115	27,90	PHS 20B-3B23
24	243,25	B	25	95	140	115	27,19	PHS 20B-3B24
25	253,32	B	25	95	140	115	27,90	PHS 20B-3B25
26	263,41	B	25	95	150	115	31,90	PHS 20B-3B26
27	273,49	B	25	95	150	115	35,90	PHS 20B-3B27
28	283,57	B	25	95	150	115	39,90	PHS 20B-3B28
30	303,75	B	25	95	150	115	47,90	PHS 20B-3B30
32	323,92	B	30	95	150	115	51,57	PHS 20B-3B32
35	354,20	C	30	97	150	115	57,29	PHS 20B-3C35
36	364,29	C	30	97	150	115	59,35	PHS 20B-3C36
38	384,48	C	30	97	150	115	62,56	PHS 20B-3C38
42	424,86	C	30	97	160	110	70,12	PHS 20B-3C42
45	455,15	C	30	97	160	110	75,84	PHS 20B-3C45
57	576,35	C	30	102	180	123	100,11	PHS 20B-3C57
60	606,66	C	30	102	180	123	104,86	PHS 20B-3C60
68	687,48	C	30	102	200	123	117,54	PHS 20B-3C68
76	768,30	C	30	102	200	123	130,21	PHS 20B-3C76
80	808,71	C	30	102	200	123	136,55	PHS 20B-3C80
95	960,28	C	30	102	200	123	160,31	PHS 20B-3C95
114	1152,27	C	30	102	200	126	190,41	PHS 20B-3C114

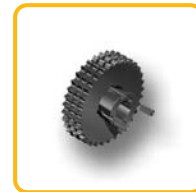
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

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



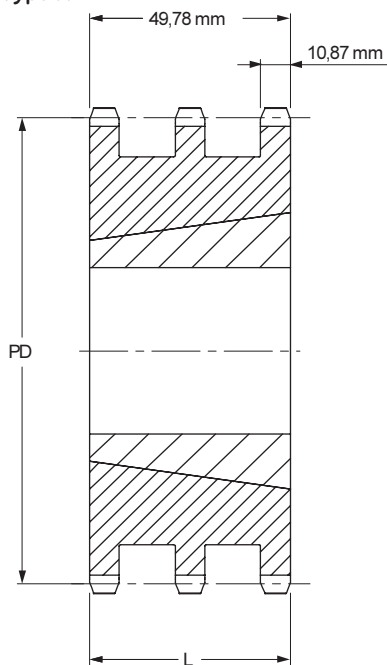
Metric sprockets

Triplex
Taper Bushed

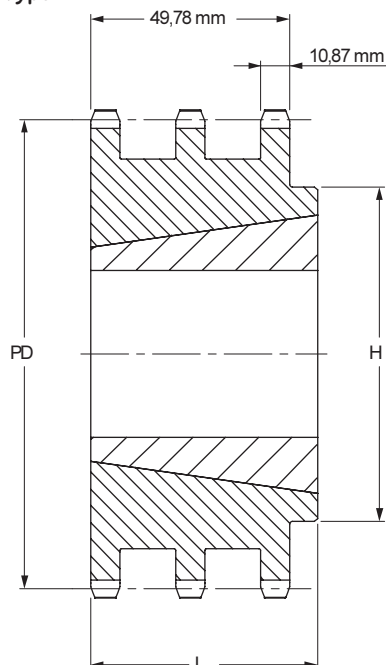


ISO 12B-3 19,05 mm Pitch

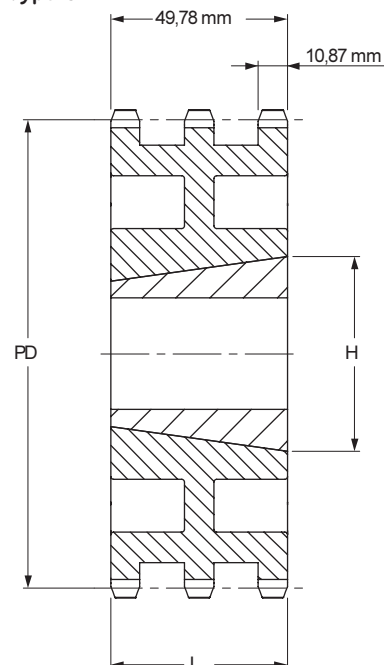
Type A



Type B



Type C



Taper Bushed Type A/B/C

No. Teeth	Pitch Diameter	Type	Bushing Size	Bore		Hub		Weight	Designation
				Min	Max	L	H		
	mm			mm	mm	mm	mm	kg	
17	103,67	A	2012	14	50	—	—	1,28	PHS 12B-3TB17
19	115,75	A	2517	16	65	—	—	2,02	PHS 12B-3TB19
21	127,82	A	2517	16	65	—	—	2,09	PHS 12B-3TB21
23	139,90	A	2517	16	65	—	—	3,00	PHS 12B-3TB23
25	152,00	A	3020	25	75	—	—	3,97	PHS 12B-3TB25
27	164,09	B	3020	25	75	140	51	3,83	PHS 12B-3TB27
30	182,25	B	3020	25	75	140	51	5,72	PHS 12B-3TB30
38	230,69	B	3020	25	75	140	51	7,76	PHS 12B-3TB38
45	273,10	C	3020	25	75	140	51	10,04	PHS 12B-3TB45
57	345,81	C	3020	25	75	140	51	14,42	PHS 12B-3TB57
76	460,99	C	3020	25	75	140	51	25,50	PHS 12B-3TB76
95	576,17	C	3030	25	75	140	76	36,58	PHS 12B-3TB95
114	691,36	C	3030	25	75	140	76	47,66	PHS 12B-3TB114

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.



Metric sprockets

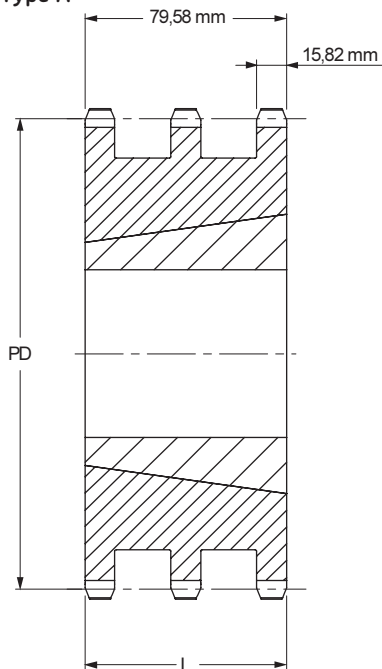
Triplex

Taper Bushed

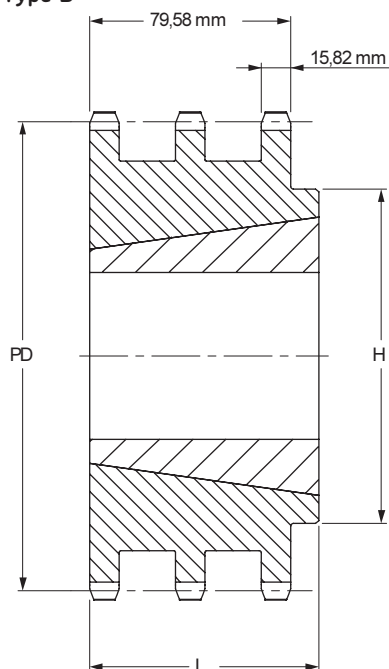
- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

ISO 16B-3 25,40 mm Pitch

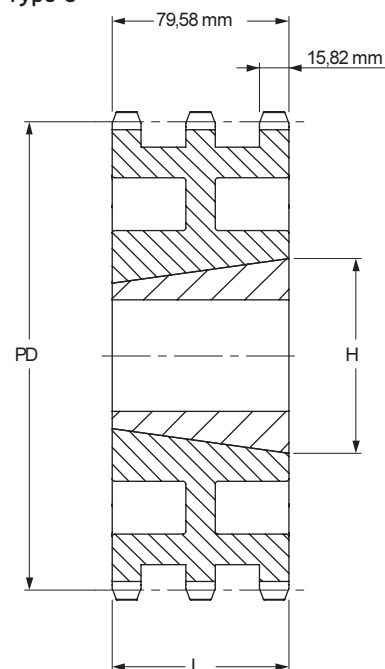
Type A



Type B



Type C



Taper Bushed Type A/B/C

No. Teeth	Pitch Diameter	Type	Bushing Size	Bore		Hub		Weight	Designation
				Min	Max	L	H		
	mm			mm	mm	mm	mm	kg	
17	138,22	A	2517	16	65	—	—	4,20	PHS 16B-3TB17
19	154,33	B	3020	35	75	—	76,2	4,30	PHS 16B-3TB19
21	170,43	B	3020	35	75	—	76,2	6,60	PHS 16B-3TB21
23	186,53	B	3525	35	100	—	65,0	7,00	PHS 16B-3TB23
25	202,66	B	3525	35	100	—	65,0	9,80	PHS 16B-3TB25
27	218,79	B	3525	35	100	—	65,0	12,80	PHS 16B-3TB27
30	243,00	B	3525	35	100	—	65,0	18,00	PHS 16B-3TB30
38	307,59	B	3535	35	100	178	89,0	21,50	PHS 16B-3TB38
45	364,13	C	4040	40	115	216	102,0	33,50	PHS 16B-3TB45
57	461,07	C	4040	40	115	216	102,0	39,50	PHS 16B-3TB57
76	614,65	C	4040	40	115	216	102,0	59,50	PHS 16B-3TB76

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.



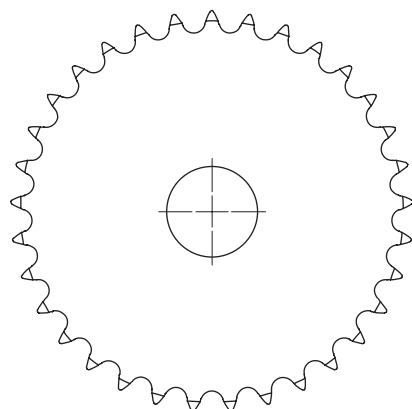
ANSI sprockets

Simplex
Pilot Bore

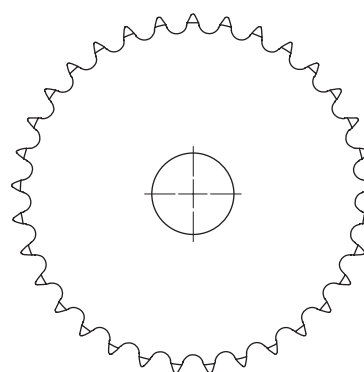
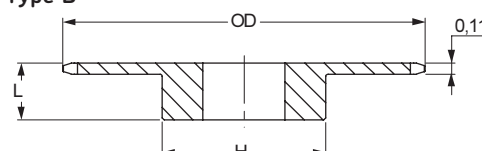


ANSI 25-1 1/4" Pitch

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		Inch	Inch	Inch	Inch	lbs			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	15/16	1/2	0.08	PHS 25-1B14	14	1.25	-	-	-	-
15	1.33	B	1/4	9/16	57/64	1/2	0.10	PHS 25-1B15	15	1.33	-	-	-	-
16	1.41	B	1/4	9/16	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	3/4	0.04	PHS 25-1A18
19	1.65	B	1/4	13/16	1 7/32	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 9/32	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

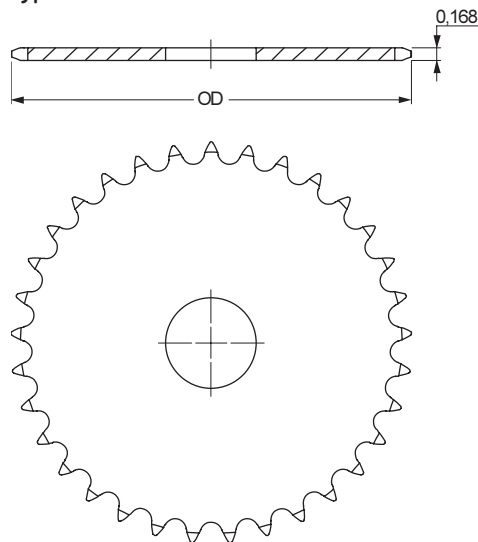
Simplex

Pilot Bore

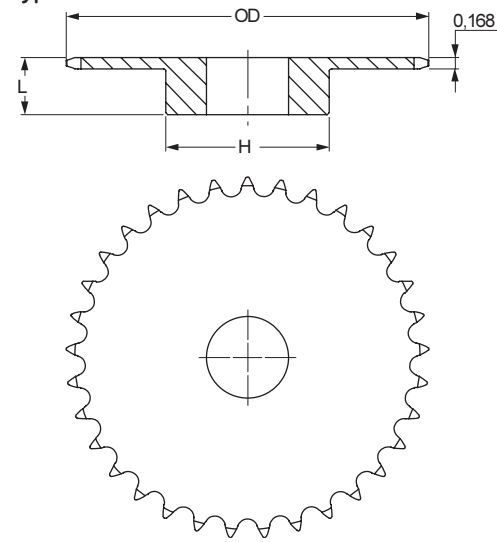
- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

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								
	Inch		Inch	Inch	Inch	Inch	lbs			Inch		Inch	lbs	
8	1.13	B	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{4}$	$\frac{3}{4}$	0.07	PHS 35-1B8	8	1.13	—	—	—	—
9	1.26	B	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{27}{32}$	$\frac{3}{4}$	0.09	PHS 35-1B9	9	1.26	—	—	—	—
10	1.38	B	$\frac{3}{8}$	$\frac{9}{16}$	$\frac{31}{32}$	$\frac{3}{4}$	0.14	PHS 35-1B10	10	1.38	—	—	—	—
11	1.50	B	$\frac{3}{8}$	$\frac{9}{16}$	$1 \frac{1}{16}$	$\frac{3}{4}$	0.17	PHS 35-1B11	11	1.50	—	—	—	—
12	1.63	B	$\frac{1}{2}$	$\frac{9}{16}$	$1 \frac{7}{32}$	$\frac{3}{4}$	0.20	PHS 35-1B12	12	1.63	—	—	—	—
13	1.75	B	$\frac{1}{2}$	$\frac{11}{16}$	$1 \frac{1}{4}$	$\frac{3}{4}$	0.23	PHS 35-1B13	13	1.75	—	—	—	—
14	1.87	B	$\frac{1}{2}$	$\frac{7}{8}$	$1 \frac{1}{4}$	$\frac{3}{4}$	0.25	PHS 35-1B14	14	1.87	—	—	—	—
15	1.99	B	$\frac{1}{2}$	$\frac{7}{8}$	$1 \frac{11}{32}$	$\frac{3}{4}$	0.29	PHS 35-1B15	15	1.99	A	$\frac{1}{2}$	0.10	PHS 35-1A15
16	2.11	B	$\frac{1}{2}$	$\frac{15}{16}$	$1 \frac{15}{32}$	$\frac{3}{4}$	0.35	PHS 35-1B16	16	2.11	A	$\frac{1}{2}$	0.12	PHS 35-1A16
17	2.23	B	$\frac{1}{2}$	$1 \frac{1}{16}$	$1 \frac{19}{32}$	$\frac{3}{4}$	0.42	PHS 35-1B17	17	2.23	A	$\frac{1}{2}$	0.12	PHS 35-1A17
18	2.35	B	$\frac{1}{2}$	$1 \frac{1}{16}$	$1 \frac{23}{32}$	$\frac{3}{4}$	0.48	PHS 35-1B18	18	2.35	A	$\frac{1}{2}$	0.14	PHS 35-1A18
19	2.47	B	$\frac{1}{2}$	$1 \frac{1}{4}$	$1 \frac{27}{32}$	$\frac{3}{4}$	0.54	PHS 35-1B19	19	2.47	A	$\frac{1}{2}$	0.16	PHS 35-1A19
20	2.59	B	$\frac{1}{2}$	$1 \frac{1}{16}$	$1 \frac{15}{16}$	$\frac{3}{4}$	0.59	PHS 35-1B20	20	2.59	A	$\frac{1}{2}$	0.20	PHS 35-1A20
21	2.71	B	$\frac{1}{2}$	$1 \frac{3}{8}$	$2 \frac{1}{8}$	$\frac{3}{4}$	0.80	PHS 35-1B21	21	2.71	A	$\frac{1}{2}$	0.20	PHS 35-1A21
22	2.83	B	$\frac{1}{2}$	$1 \frac{3}{8}$	$2 \frac{7}{8}$	$\frac{3}{4}$	0.80	PHS 35-1B22	22	2.83	A	$\frac{1}{2}$	0.22	PHS 35-1A22
23	2.95	B	$\frac{1}{2}$	$1 \frac{3}{8}$	$2 \frac{7}{8}$	$\frac{3}{4}$	0.82	PHS 35-1B23	23	2.95	A	$\frac{1}{2}$	0.24	PHS 35-1A23
24	3.07	B	$\frac{1}{2}$	$1 \frac{3}{8}$	$2 \frac{7}{8}$	$\frac{3}{4}$	0.88	PHS 35-1B24	24	3.07	A	$\frac{1}{2}$	0.26	PHS 35-1A24
25	3.19	B	$\frac{1}{2}$	$1 \frac{3}{8}$	$2 \frac{7}{8}$	$\frac{3}{4}$	0.88	PHS 35-1B25	25	3.19	A	$\frac{1}{2}$	0.28	PHS 35-1A25
26	3.31	B	$\frac{1}{2}$	$1 \frac{3}{8}$	$2 \frac{7}{8}$	$\frac{3}{4}$	0.90	PHS 35-1B26	26	3.31	A	$\frac{1}{2}$	0.28	PHS 35-1A26
27	3.43	B	$\frac{1}{2}$	$1 \frac{3}{8}$	$2 \frac{7}{8}$	$\frac{3}{4}$	0.94	PHS 35-1B27	27	3.43	A	$\frac{1}{2}$	0.34	PHS 35-1A27
28	3.55	B	$\frac{1}{2}$	$1 \frac{3}{8}$	$2 \frac{7}{8}$	$\frac{3}{4}$	0.94	PHS 35-1B28	28	3.55	A	$\frac{1}{2}$	0.34	PHS 35-1A28
30	3.79	B	$\frac{1}{2}$	$1 \frac{3}{8}$	$2 \frac{7}{8}$	$\frac{3}{4}$	1.02	PHS 35-1B30	30	3.79	A	$\frac{1}{2}$	0.46	PHS 35-1A30
32	4.03	B	$\frac{1}{2}$	$1 \frac{3}{8}$	$2 \frac{7}{8}$	$\frac{3}{4}$	1.24	PHS 35-1B32	32	4.03	A	$\frac{5}{8}$	0.46	PHS 35-1A32
35	4.39	B	$\frac{5}{8}$	$1 \frac{1}{2}$	$2 \frac{1}{4}$	$\frac{7}{8}$	1.50	PHS 35-1B35	35	4.39	A	$\frac{5}{8}$	0.60	PHS 35-1A35
36	4.51	B	$\frac{5}{8}$	$1 \frac{1}{2}$	$2 \frac{1}{4}$	$\frac{7}{8}$	1.56	PHS 35-1B36	36	4.51	A	$\frac{5}{8}$	0.62	PHS 35-1A36
40	4.99	B	$\frac{5}{8}$	$1 \frac{1}{2}$	$2 \frac{1}{4}$	1	1.62	PHS 35-1B40	40	4.99	A	$\frac{19}{32}$	0.70	PHS 35-1A40
42	5.23	B	$\frac{5}{8}$	$1 \frac{1}{2}$	$2 \frac{1}{4}$	1	1.68	PHS 35-1B42	42	5.23	A	$\frac{19}{32}$	0.78	PHS 35-1A42
45	5.59	B	$\frac{5}{8}$	$1 \frac{1}{2}$	$2 \frac{1}{4}$	1	1.78	PHS 35-1B45	45	5.59	A	$\frac{19}{32}$	0.88	PHS 35-1A45
48	5.95	B	$\frac{5}{8}$	$1 \frac{1}{2}$	$2 \frac{1}{4}$	1	1.88	PHS 35-1B48	48	5.95	A	$\frac{19}{32}$	1.21	PHS 35-1A48
54	6.66	B	$\frac{5}{8}$	$1 \frac{1}{2}$	$2 \frac{1}{4}$	1	2.20	PHS 35-1B54	54	6.66	A	$\frac{19}{32}$	1.32	PHS 35-1A54
60	7.38	B	$\frac{3}{4}$	$1 \frac{1}{2}$	$2 \frac{1}{4}$	1	2.48	PHS 35-1B60	60	7.38	A	$\frac{23}{32}$	1.66	PHS 35-1A60
70	8.58	B	$\frac{3}{4}$	$1 \frac{1}{2}$	$2 \frac{1}{4}$	1	3.12	PHS 35-1B70	70	8.58	A	$\frac{23}{32}$	2.30	PHS 35-1A70
72	8.81	B	$\frac{3}{4}$	$1 \frac{1}{2}$	$2 \frac{1}{4}$	1	3.42	PHS 35-1B72	72	8.81	A	$\frac{23}{32}$	2.56	PHS 35-1A72
80	9.77	B	$\frac{3}{4}$	$1 \frac{1}{2}$	$2 \frac{1}{4}$	1	3.82	PHS 35-1B80	80	9.77	A	$\frac{23}{32}$	3.16	PHS 35-1A80
84	10.25	B	$\frac{3}{4}$	$1 \frac{1}{2}$	$2 \frac{1}{4}$	1	4.24	PHS 35-1B84	84	10.25	A	$\frac{23}{32}$	3.26	PHS 35-1A84
96	11.68	B	$\frac{3}{4}$	$1 \frac{1}{2}$	$2 \frac{1}{4}$	1	5.16	PHS 35-1B96	96	11.68	A	$\frac{23}{32}$	4.64	PHS 35-1A96
112	13.59	B	$\frac{3}{4}$	$1 \frac{1}{2}$	$2 \frac{1}{4}$	1	6.70	PHS 35-1B112	112	13.59	A	$\frac{23}{32}$	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.



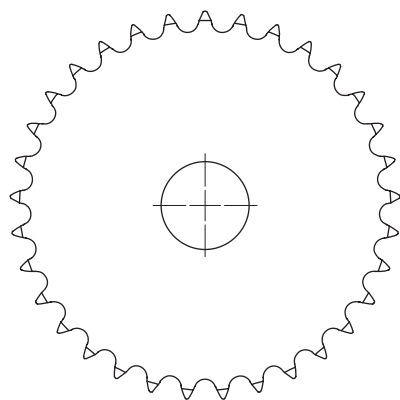
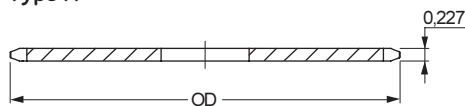
ANSI sprockets

Simplex
Pilot Bore

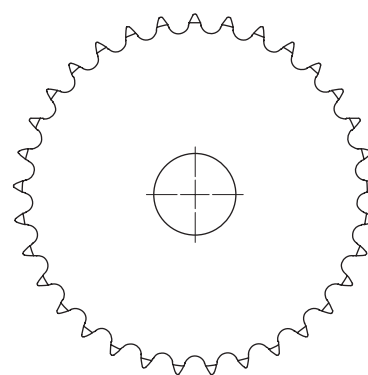
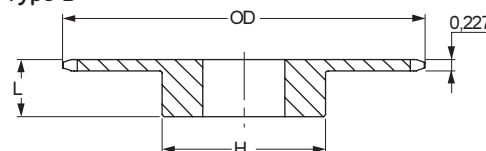


ANSI 41-1 1/2" Pitch

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		Inch	Inch	Inch	Inch	lbs			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 15/64	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/16	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

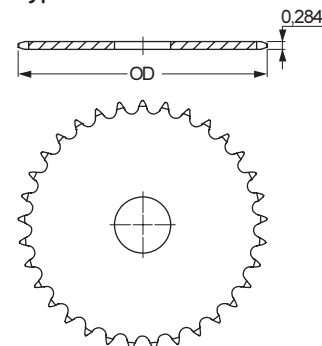
Type A

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	lbs			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 1/8	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 7/8	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 5/16	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 3/16	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	15/16	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	15/16	20.00	PHS 40-1A112

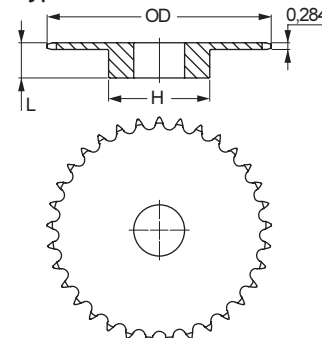
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

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

Type A



Type B





ANSI sprockets

Simplex
Pilot Bore



ANSI 50-1 5/8" Pitch

Pilot Bore Type B

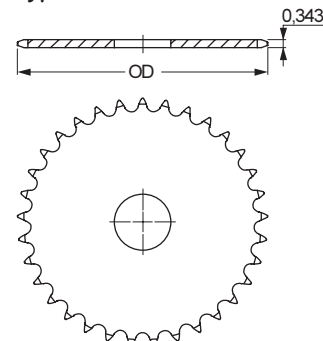
Type A

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	Inch	lbs			Inch		lbs		
8	1.88	B	5/8	5/8	1 1/8	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 9/16	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 1/8	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 1/8	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	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	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	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	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	2.66	PHS 50-1B23	23	4.92	A	7/8	1.44	PHS 50-1A23
24	5.12	B	3/4	2	3	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 3/4	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 1/2	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

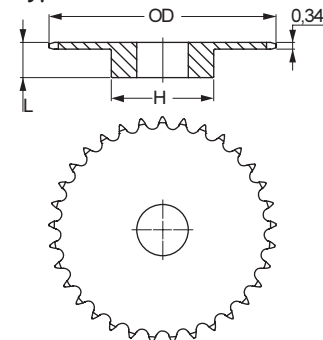
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

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

Type A



Type B





ANSI sprockets

Simplex

Pilot Bore

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

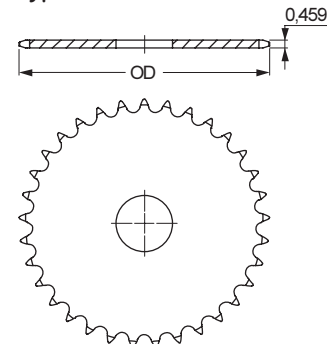
ANSI 60-1 3/4" Pitch

Pilot Bore Type B

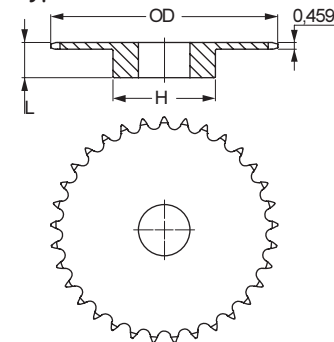
Type A

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	lbs			Inch		Inch	lbs	
8	2.26	B	5/8	5/8	1 15/32	1 1/4	0.54	PHS 60-1B8	8	2.26	-	-	-	-
9	2.51	B	3/4	7/8	1 1/16	1 1/4	0.64	PHS 60-1B9	9	2.51	-	-	-	-
10	2.76	B	3/4	1 1/8	1 15/16	1 1/4	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 1/16	1 1/4	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 1/4	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 17/32	1 1/4	1.66	PHS 60-1B13	13	3.49	A	3/4	0.80	PHS 60-1A13
14	3.74	B	3/4	1 5/8	2 7/16	1 1/4	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 7/8	1 1/4	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 1/4	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 1/4	1 1/4	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 1/4	3.72	PHS 60-1B18	18	4.70	A	7/8	1.62	PHS 60-1A18
19	4.95	B	3/4	2 3/8	3 1/2	1 1/4	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 1/4	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 1/4	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 1/4	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 1/4	5.48	PHS 60-1B23	23	5.91	A	7/8	2.68	PHS 60-1A23
24	6.15	B	3/4	2 3/4	4	1 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	1 1/4	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 1/4	1 1/4	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 1/4	1 1/4	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 1/4	1 1/4	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 1/4	1 1/4	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 1/4	1 1/4	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 1/4	1 1/4	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 1/4	1 1/4	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 1/4	1 1/4	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 1/4	1 1/4	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 1/4	1 1/4	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 1/4	1 1/4	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 1/4	1 1/4	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 1/4	1 1/4	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 1/4	1 1/4	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 1/4	1 1/4	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 1/4	1 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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

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



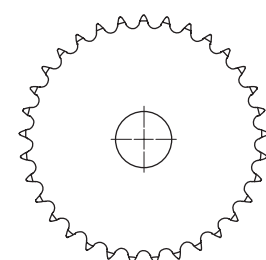
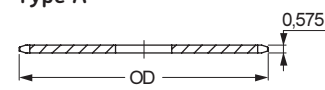
ANSI 80-1 1" Pitch

Pilot Bore Type B/C

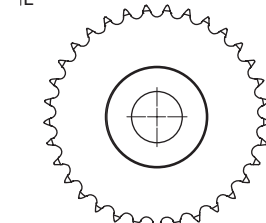
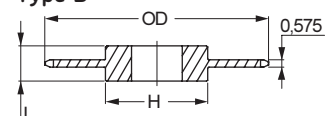
Type A

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	Inch	lbs			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 3/4	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 3/4	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 3/4	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 3/4	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 3/4	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 3/4	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 3/4	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 3/4	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 3/4	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 3/4	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 3/4	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 3/4	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 3/4	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 1/4	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 1/4	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 3/4	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

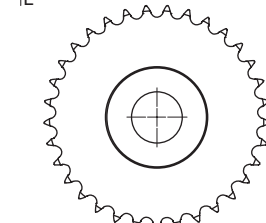
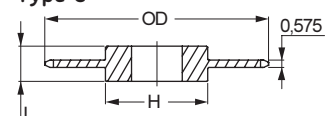
Type A



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

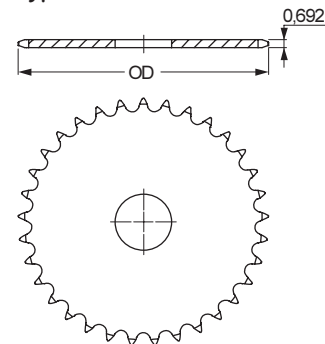
Type A

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		Inch	lbs	
7	3.35	B	—	—	—	—	—	—	7	3.35	A	1	1.20	PHS 100-1A7
8	3.77	B	1	1 1/4	2 1/16	1 7/8	2.30	PHS 100-1B8	8	3.77	A	1	1.40	PHS 100-1A8
9	4.18	B	1	1 1/4	2 1/16	1 7/8	3.20	PHS 100-1B9	9	4.18	A	1	1.60	PHS 100-1A9
10	4.60	B	1	1 1/4	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 1/4	4	1 7/8	6.40	PHS 100-1B12	12	5.42	A	1 1/4	3.00	PHS 100-1A12
13	5.82	B	1	2 3/8	3 7/8	1 7/8	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	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 1/4	13.90	PHS 100-1A25
26	11.05	B	1 1/4	3 5/16	5	2	21.70	PHS 100-1B26	26	11.05	A	1 1/4	15.00	PHS 100-1A26
27	11.44	B	1 1/4	3 5/16	5	2	23.00	PHS 100-1B27	27	11.44	A	1 1/4	16.00	PHS 100-1A27
28	11.84	B	1 1/4	3 5/16	5	2	24.40	PHS 100-1B28	28	11.84	A	1 1/4	17.40	PHS 100-1A28
29	12.24	B	1 1/4	3 5/16	5	2	25.00	PHS 100-1B29	29	12.24	A	1 1/4	19.60	PHS 100-1A29
30	12.64	B	1 1/4	3 5/16	5	2	26.90	PHS 100-1B30	30	12.64	A	1 1/4	20.10	PHS 100-1A30
31	13.04	—	—	—	—	—	—	—	31	13.04	A	1 1/4	21.50	PHS 100-1A31
32	13.44	B	1 1/4	3 5/16	5	2	29.80	PHS 100-1B32	32	13.44	A	1 1/4	22.60	PHS 100-1A32
33	13.84	—	—	—	—	—	—	—	33	13.84	A	1 1/4	24.10	PHS 100-1A33
34	14.24	—	—	—	—	—	—	—	34	14.24	A	1 1/4	26.00	PHS 100-1A34
35	14.64	B	1 1/4	3 5/16	5	2 1/2	36.90	PHS 100-1B35	35	14.64	A	1 1/4	27.20	PHS 100-1A35
36	15.04	B	1 1/4	3 5/16	5	2 1/2	38.60	PHS 100-1B36	36	15.04	A	1 1/4	30.00	PHS 100-1A36
37	15.44	—	—	—	—	—	—	—	37	15.44	A	1 1/4	31.00	PHS 100-1A37
38	15.84	B	1 1/4	3 5/16	5	2 1/2	41.50	PHS 100-1B38	38	15.84	A	1 1/4	33.00	PHS 100-1A38
39	16.23	B	1 1/4	3 5/16	5	2 1/2	43.60	PHS 100-1B39	39	16.23	A	1 1/4	35.00	PHS 100-1A39
40	16.63	B	1 1/4	3 5/16	5	2 1/2	46.90	PHS 100-1B40	40	16.63	A	1 1/4	36.00	PHS 100-1A40
41	17.03	—	—	—	—	—	—	—	41	17.03	A	1 1/4	39.00	PHS 100-1A41
42	17.43	B	1 1/4	3 5/16	5	2 1/2	50.40	PHS 100-1B42	42	17.43	A	1 1/4	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

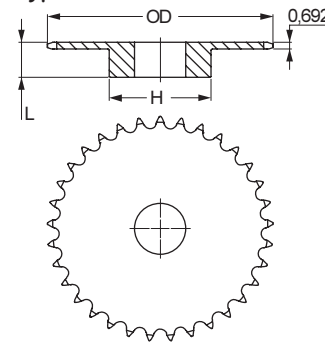
Maximum bores can accommodate standard keyways. Larger bores are available where a shallow keyway is used or no keyway is required.

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

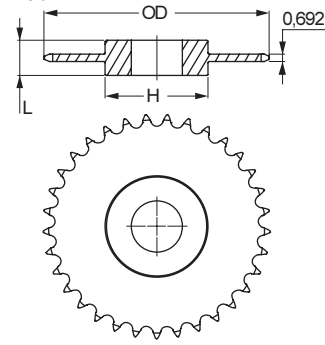
Type A



Type B



Type C



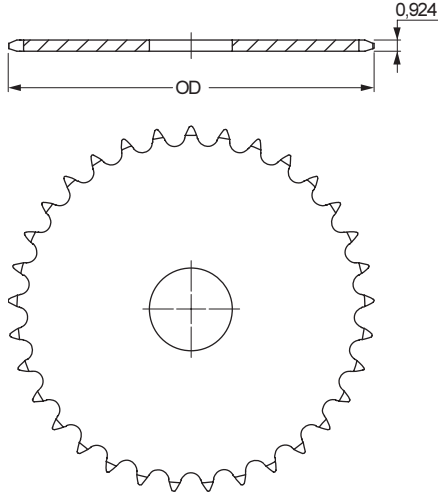
ANSI sprockets

Simplex
Pilot Bore

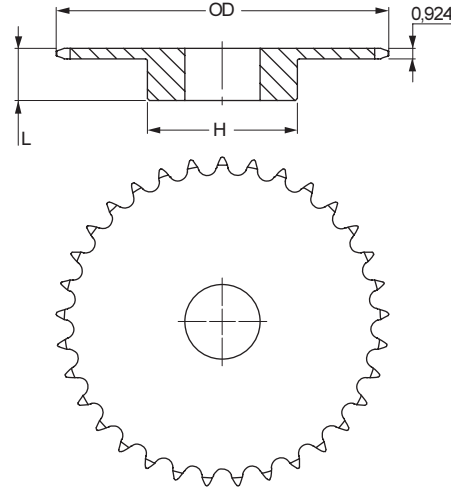


ANSI 120-1 1 1/2" Pitch

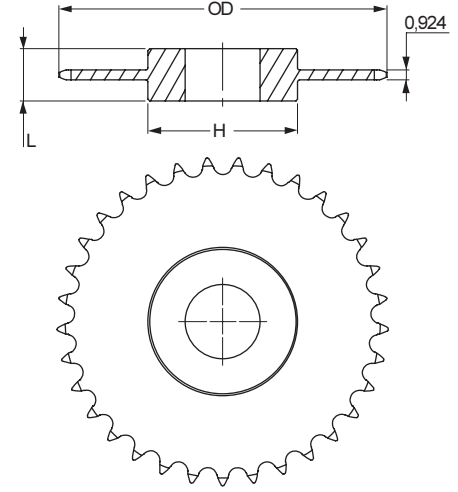
Type A



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 1/4	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

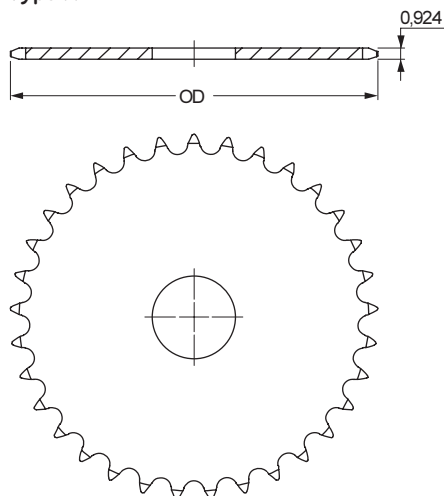
Simplex

Pilot Bore

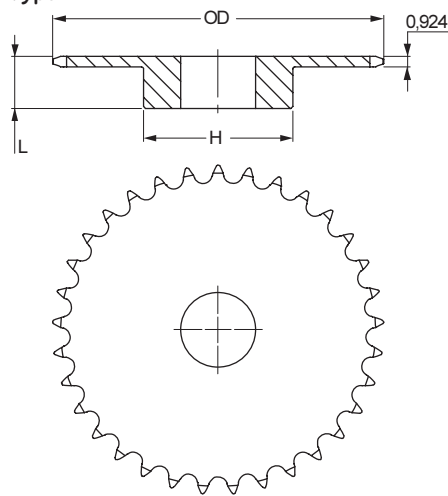
- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

ANSI 140-1 1 3/4" Pitch

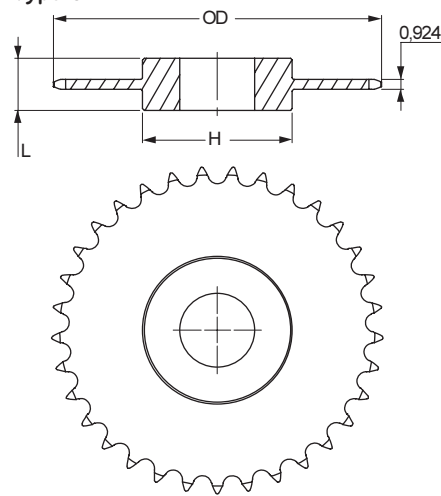
Type A



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		Inch	Inch	Inch	Inch	lbs			Inch		Inch	lbs	
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 1/4	6 1/4	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 1/4	6 1/4	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 1/4	6 1/4	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 1/4	6 1/4	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 1/4	6 1/4	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 1/4	6 1/4	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 1/4	6 1/4	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 1/4	6 1/4	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 1/4	6 1/4	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 1/4	6 1/4	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 1/4	6 1/4	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 1/4	6 1/4	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 1/4	6 1/4	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 1/4	6 1/4	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 1/4	6 1/4	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 1/4	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 1/4	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 1/4	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.

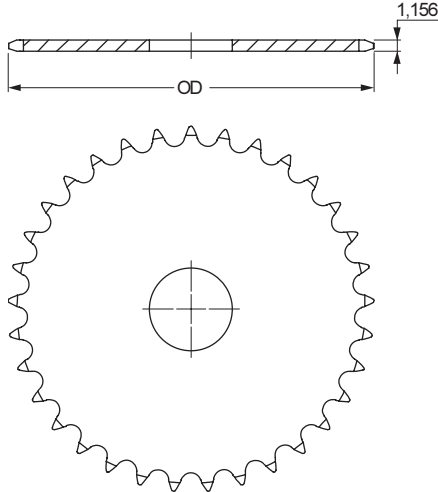
ANSI sprockets

Simplex
Pilot Bore

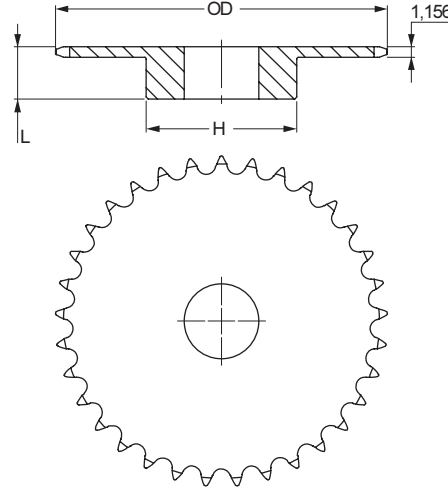


ANSI 160-1 2" Pitch

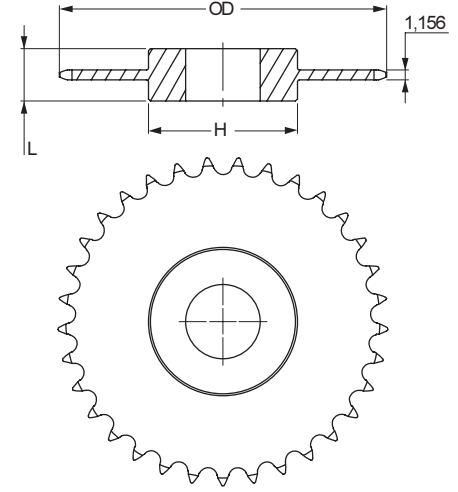
Type A



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								
	Inch		Inch	Inch	Inch	Inch	lbs			Inch		Inch	lbs	
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

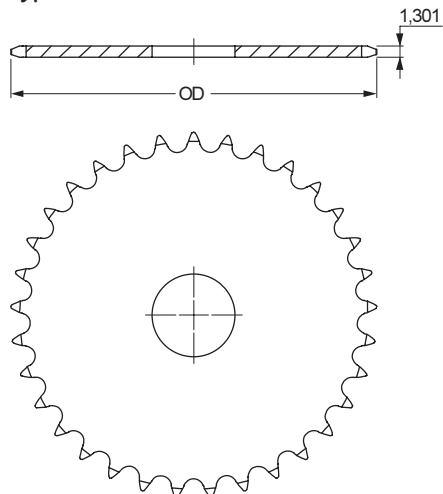
Simplex

Pilot Bore

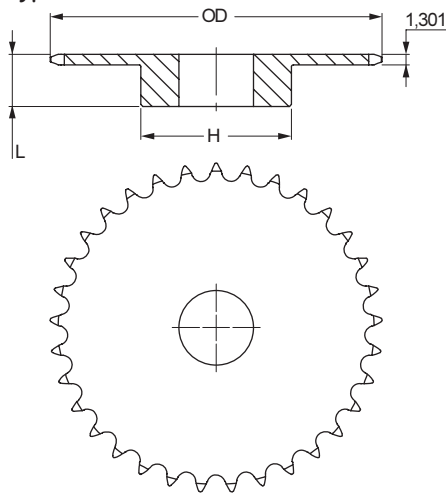
- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

ANSI 180-1 2 1/4" Pitch

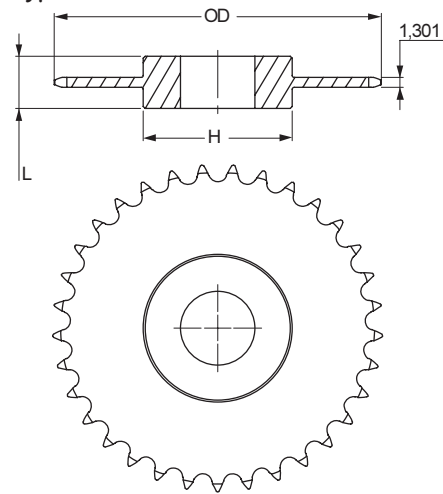
Type A



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.



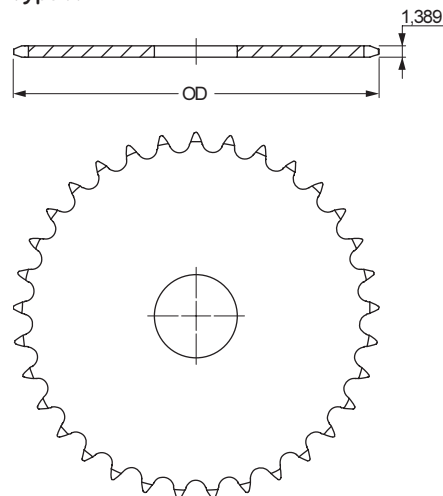
ANSI sprockets

Simplex
Pilot Bore

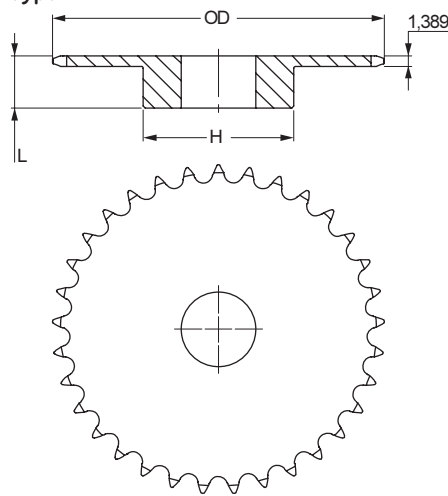


ANSI 200-1 2 1/2" Pitch

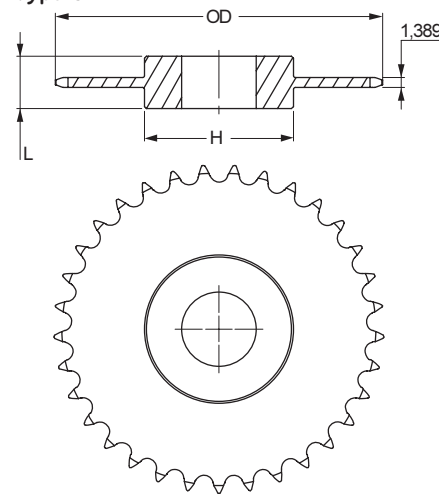
Type A



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								
	Inch		Inch	Inch	Inch	Inch	lbs			Inch		Inch	lbs	
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 3/4	7 3/2	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 3/4	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

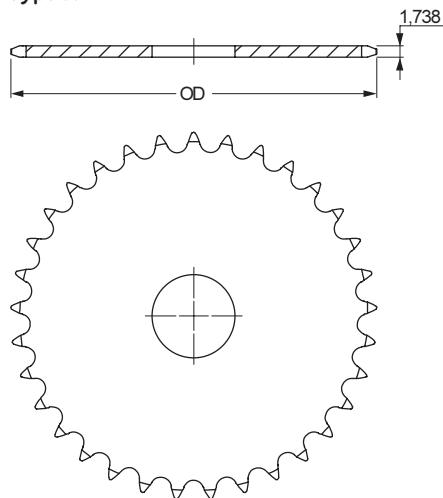
Simplex

Pilot Bore

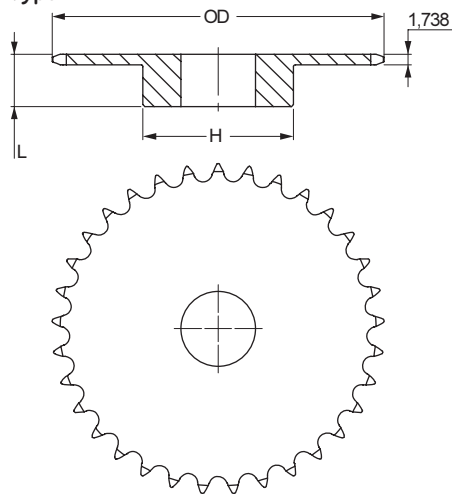
- ▶ Belts
- ▶ Chains
- ▶ Couplings
- ▶ Bushings and Hubs
- ▶ Sprockets
- ▶ Pulleys
- ▶ Smart tools

ANSI 240-1 3" Pitch

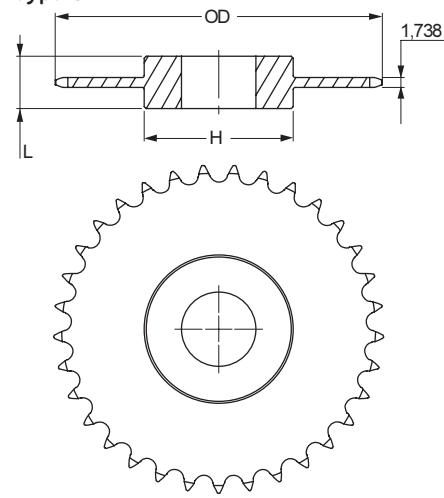
Type A



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		Inch	Inch	Inch	Inch	lbs			Inch		Inch	lbs	
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



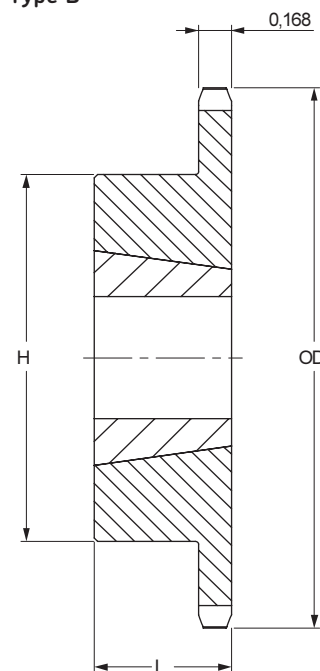
ANSI 35-1 3/8" Pitch

Taper Bushed Type B

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

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

Type B



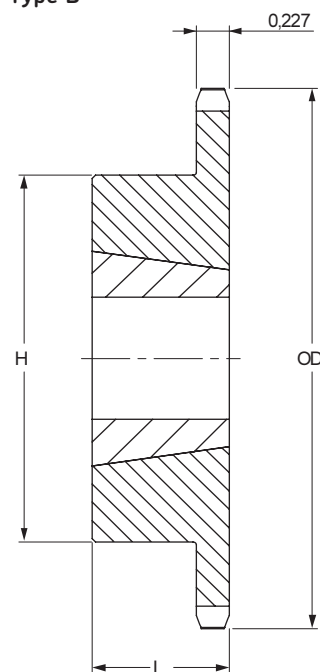
ANSI 41-1 1/2" Pitch

Taper Bushed Type B

No. Teeth	Diameter		Type	Bushing Size	Bore		Dimensions		Weight		Designation
	Outside	Pitch			Min	Max	L	H	Rim	Bushing	
	Inch	Inch			Inch	Inch	Inch	Inch	lbs	lbs	
14	2,49	2,25	B	1008	$\frac{3}{8}$	1	$\frac{7}{8}$	$1\frac{7}{8}$	0,4	0,3	PHS 41-1TB14
15	2,65	2,40	B	1008	$\frac{3}{8}$	1	$\frac{7}{8}$	$1\frac{7}{8}$	0,5	0,3	PHS 41-1TB15
16	2,81	2,50	B	1008	$\frac{3}{8}$	1	$\frac{7}{8}$	2	0,6	0,3	PHS 41-1TB16
17	2,97	2,72	B	1210	$\frac{5}{8}$	$1\frac{1}{4}$	1	$2\frac{3}{8}$	0,7	0,6	PHS 41-1TB17
18	3,14	2,88	B	1210	$\frac{5}{8}$	$1\frac{1}{4}$	1	$3\frac{3}{8}$	0,9	0,6	PHS 41-1TB18
19	3,30	3,04	B	1210	$\frac{5}{8}$	$1\frac{1}{4}$	1	$2\frac{1}{2}$	1,1	0,6	PHS 41-1TB19
20	3,46	3,20	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	1	$2\frac{7}{8}$	1,1	0,9	PHS 41-1TB20
21	3,62	3,36	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	1	3	1,2	0,9	PHS 41-1TB21
22	3,78	3,51	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	1	3	1,3	0,9	PHS 41-1TB22
23	3,94	3,67	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	1	3	1,4	0,9	PHS 41-1TB23
24	4,10	3,83	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	1	3	1,4	0,9	PHS 41-1TB24
25	4,26	3,99	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	1	3	1,5	0,9	PHS 41-1TB25
26	4,42	4,15	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	1	3	1,5	0,9	PHS 41-1TB26
28	4,74	4,47	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	1	3	1,7	0,9	PHS 41-1TB28
30	5,06	4,78	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	1	3	1,8	0,9	PHS 41-1TB30
32	5,38	5,10	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	1	3	1,9	0,9	PHS 41-1TB32
35	5,86	5,58	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	1	3	2,3	0,9	PHS 41-1TB35
36	6,02	5,74	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	1	3	2,4	0,9	PHS 41-1TB36
40	6,65	6,37	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	1	3	2,7	0,9	PHS 41-1TB40
45	7,45	7,17	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	1	3	3,5	0,9	PHS 41-1TB45
48	7,93	7,64	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	1	3	4,1	0,9	PHS 41-1TB48
54	8,88	8,60	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	1	3	4,9	0,9	PHS 41-1TB54
60	9,84	9,55	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	1	3	5,7	0,9	PHS 41-1TB60
70	11,43	11,14	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	1	3	7,4	0,9	PHS 41-1TB70
72	11,75	11,46	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	1	3	8,2	0,9	PHS 41-1TB72
80	13,03	12,74	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	1	3	9,6	0,9	PHS 41-1TB80
96	15,57	15,28	B	1610	$\frac{1}{2}$	$1\frac{5}{8}$	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	$\frac{3}{8}$	1	$\frac{7}{8}$	$1 \frac{13}{16}$	0.3	0.3	PHS 40-1TB14
15	2.65	2.40	B	1008	$\frac{3}{8}$	1	$\frac{7}{8}$	$1 \frac{13}{16}$	0.4	0.3	PHS 40-1TB15
16	2.81	2.56	B	1008	$\frac{3}{8}$	1	$\frac{7}{8}$	$1 \frac{15}{16}$	0.5	0.3	PHS 40-1TB16
17	2.98	2.72	B	1210	$\frac{5}{8}$	$1 \frac{1}{4}$	1	$2 \frac{3}{8}$	0.5	0.3	PHS 40-1TB17
18	3.13	2.88	B	1210	$\frac{5}{8}$	$1 \frac{1}{4}$	1	$2 \frac{15}{32}$	0.6	0.6	PHS 40-1TB18
19	3.30	3.04	B	1210	$\frac{5}{8}$	$1 \frac{1}{4}$	1	$2 \frac{15}{32}$	0.7	0.6	PHS 40-1TB19
20	3.46	3.20	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	$2 \frac{25}{32}$	0.7	0.9	PHS 40-1TB20
21	3.62	3.36	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	$2 \frac{25}{32}$	0.8	0.9	PHS 40-1TB21
22	3.78	3.51	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	$2 \frac{25}{32}$	0.9	0.9	PHS 40-1TB22
23	3.94	3.67	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	3	1.0	0.9	PHS 40-1TB23
24	4.10	3.83	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	$3 \frac{1}{4}$	1.4	0.9	PHS 40-1TB24
25	4.26	3.99	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	$3 \frac{1}{4}$	1.5	0.9	PHS 40-1TB25
26	4.42	4.15	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	$3 \frac{1}{4}$	1.7	0.9	PHS 40-1TB26
28	4.74	4.47	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	3	1.8	0.9	PHS 40-1TB28
30	5.06	4.78	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	3	1.9	0.9	PHS 40-1TB30
32	5.38	5.10	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	3	1.9	0.9	PHS 40-1TB32
35	5.86	5.58	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	3	2.3	0.9	PHS 40-1TB35
36	6.01	5.74	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	3	2.4	0.9	PHS 40-1TB36
40	6.65	6.37	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	3	2.8	0.9	PHS 40-1TB40
42	6.97	6.69	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	3	2.9	0.9	PHS 40-1TB42
45	7.45	7.17	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	3	3.5	0.9	PHS 40-1TB45
48	7.93	7.64	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	3	4.0	0.9	PHS 40-1TB48
54	8.88	8.60	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	3	4.9	0.9	PHS 40-1TB54
60	9.84	9.55	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	3	6.0	0.9	PHS 40-1TB60
70	11.43	11.14	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	8.2	1.7	PHS 40-1TB70
72	11.75	11.46	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	9.0	1.7	PHS 40-1TB72
80	13.03	12.74	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	10.8	1.7	PHS 40-1TB80
84	13.66	13.37	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	11.3	1.7	PHS 40-1TB84
96	15.57	15.28	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	14.6	1.7	PHS 40-1TB96
112	18.12	17.83	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	20.5	1.7	PHS 40-1TB112

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

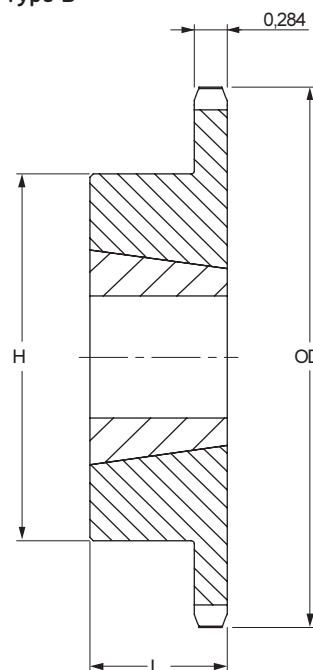
ANSI 50-1 5/8" Pitch

Taper Bushed Type B

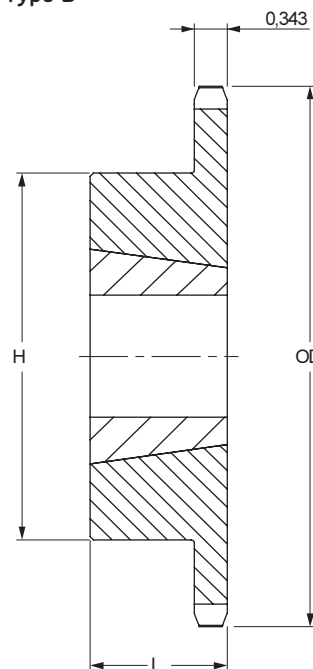
No. Teeth	Diameter		Type	Bushing Size	Bore		Dimensions		Weight		Designation
	Outside	Pitch			Min	Max	L	H	Rim	Bushing	
	Inch	Inch			Inch	Inch	Inch	Inch	lbs	lbs	
12	2.71	2.42	B	1008	$\frac{3}{8}$	1	$\frac{7}{8}$	$1 \frac{15}{16}$	0.5	0.3	PHS 50-1TB12
13	2.91	2.61	B	1008	$\frac{3}{8}$	1	$\frac{7}{8}$	$1 \frac{15}{16}$	0.5	0.3	PHS 50-1TB13
14	3.11	2.81	B	1008	$\frac{3}{8}$	1	$\frac{7}{8}$	$1 \frac{15}{16}$	0.6	0.3	PHS 50-1TB14
15	3.31	3.01	B	1210	$\frac{5}{8}$	$1 \frac{1}{4}$	1	$2 \frac{15}{32}$	0.7	0.6	PHS 50-1TB15
16	3.52	3.20	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	$2 \frac{25}{32}$	0.7	0.9	PHS 50-1TB16
17	3.72	3.40	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	$2 \frac{25}{32}$	0.8	0.9	PHS 50-1TB17
18	3.92	3.60	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	$2 \frac{25}{32}$	0.9	0.9	PHS 50-1TB18
19	4.12	3.80	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	3	1.3	0.9	PHS 50-1TB19
20	4.32	4.00	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	$3 \frac{1}{4}$	1.6	0.9	PHS 50-1TB20
21	4.52	4.19	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	3	1.5	0.9	PHS 50-1TB21
22	4.72	4.39	B	1610	$\frac{1}{2}$	$1 \frac{1}{8}$	1	3	1.6	0.9	PHS 50-1TB22
23	4.92	4.59	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	2.0	1.7	PHS 50-1TB23
24	5.12	4.79	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	2.2	1.7	PHS 50-1TB24
25	5.32	4.99	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	2.4	1.7	PHS 50-1TB25
26	5.52	5.18	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	2.5	1.7	PHS 50-1TB26
27	5.72	5.38	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	2.6	1.7	PHS 50-1TB27
28	5.92	5.58	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	2.8	1.7	PHS 50-1TB28
30	6.32	5.98	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	3.2	1.7	PHS 50-1TB30
32	6.72	6.38	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	3.6	1.7	PHS 50-1TB32
35	7.32	6.97	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	4.2	1.7	PHS 50-1TB35
36	7.52	7.17	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	4.3	1.7	PHS 50-1TB36
40	8.32	7.97	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	5.2	1.7	PHS 50-1TB40
42	8.71	8.36	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	5.9	1.7	PHS 50-1TB42
45	9.31	8.96	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	6.5	1.7	PHS 50-1TB45
48	9.91	9.56	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	7.3	1.7	PHS 50-1TB48
54	11.11	10.75	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	9.0	1.7	PHS 50-1TB54
60	12.30	11.94	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{7}{16}$	10.8	1.7	PHS 50-1TB60
70	14.29	13.93	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$3 \frac{1}{4}$	14.0	3.5	PHS 50-1TB70
72	14.69	14.33	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$3 \frac{1}{4}$	15.5	3.5	PHS 50-1TB72
80	16.28	15.92	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$3 \frac{1}{4}$	19.5	3.5	PHS 50-1TB80
84	17.08	16.71	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$3 \frac{1}{4}$	22.5	3.5	PHS 50-1TB84
96	19.47	19.10	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$3 \frac{1}{4}$	29.0	3.5	PHS 50-1TB96
112	22.65	22.29	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$3 \frac{1}{4}$	38.7	3.5	PHS 50-1TB112

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

Type B



Type B





ANSI sprockets

Simplex
Taper Bushed



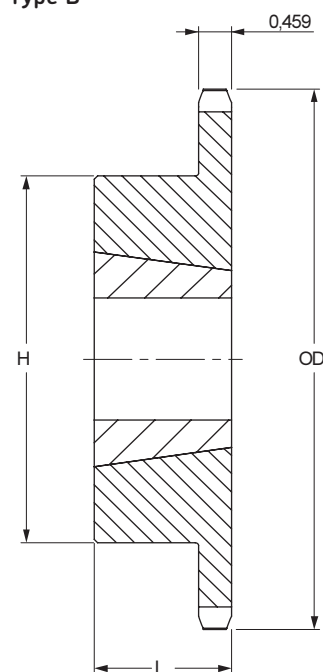
ANSI 60-1 3/4" Pitch

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	$\frac{3}{8}$	1	$\frac{7}{8}$	$1 \frac{13}{16}$	0.6	0.3	PHS 60-1TB11
12	3.25	2.90	B	1008	$\frac{3}{8}$	1	$\frac{7}{8}$	$1 \frac{15}{16}$	0.8	0.3	PHS 60-1TB12
13	3.49	3.13	B	1210	$\frac{5}{8}$	$1 \frac{1}{4}$	1	$2 \frac{15}{32}$	0.8	0.6	PHS 60-1TB13
14	3.74	3.37	B	1210	$\frac{5}{8}$	$1 \frac{1}{4}$	1	$2 \frac{15}{32}$	1.0	0.6	PHS 60-1TB14
15	3.98	3.61	B	1610	$\frac{1}{2}$	$1 \frac{5}{8}$	1	$2 \frac{25}{32}$	1.0	0.9	PHS 60-1TB15
16	4.22	3.84	B	1610	$\frac{1}{2}$	$1 \frac{5}{8}$	1	3	1.4	0.9	PHS 60-1TB16
17	4.46	4.08	B	1610	$\frac{1}{2}$	$1 \frac{5}{8}$	1	$3 \frac{1}{4}$	1.8	0.9	PHS 60-1TB17
18	4.70	4.32	B	1610	$\frac{1}{2}$	$1 \frac{5}{8}$	1	$3 \frac{1}{4}$	1.9	0.9	PHS 60-1TB18
19	4.95	4.56	B	1610	$\frac{1}{2}$	$1 \frac{5}{8}$	1	$3 \frac{1}{4}$	2.2	0.9	PHS 60-1TB19
20	5.18	4.79	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	2.2	1.7	PHS 60-1TB20
21	5.43	5.03	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	2.5	1.7	PHS 60-1TB21
22	5.67	5.27	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	2.8	1.7	PHS 60-1TB22
23	5.91	5.51	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	3.1	1.7	PHS 60-1TB23
24	6.15	5.75	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	3.4	1.7	PHS 60-1TB24
25	6.39	5.98	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	3.7	1.7	PHS 60-1TB25
26	6.63	6.22	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	4.0	1.7	PHS 60-1TB26
27	6.87	6.42	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	4.2	1.7	PHS 60-1TB27
28	7.11	6.70	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	4.6	1.7	PHS 60-1TB28
30	7.59	7.17	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	5.2	1.7	PHS 60-1TB30
32	8.06	7.65	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	5.6	1.7	PHS 60-1TB32
35	8.78	8.37	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	6.4	1.7	PHS 60-1TB35
36	9.02	8.61	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	6.6	1.7	PHS 60-1TB36
40	9.98	9.56	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	8.3	1.7	PHS 60-1TB40
42	10.46	10.04	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	10.0	1.7	PHS 60-1TB42
45	11.18	10.75	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	11.5	1.7	PHS 60-1TB45
48	11.89	11.47	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	13.2	1.7	PHS 60-1TB48
54	13.33	12.90	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	17.1	3.5	PHS 60-1TB54
60	14.76	14.33	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	21.0	3.5	PHS 60-1TB60
70	17.15	16.72	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	27.6	3.5	PHS 60-1TB70
72	17.63	17.19	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	30.0	3.5	PHS 60-1TB72
80	19.54	19.10	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	36.3	3.5	PHS 60-1TB80
84	20.49	20.06	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	40.6	3.5	PHS 60-1TB84

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

Type B



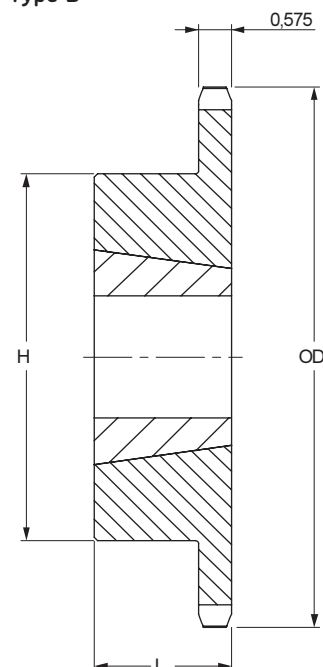
ANSI 80-1 1" Pitch

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	$\frac{5}{8}$	$1 \frac{1}{4}$	$1 \frac{1}{2}$	$2 \frac{3}{8}$	1.1	0.8	PHS 80-1TB10
11	4.01	3.55	B	1215	$\frac{5}{8}$	$1 \frac{1}{4}$	$1 \frac{1}{2}$	$2 \frac{15}{32}$	1.5	0.8	PHS 80-1TB11
12	4.33	3.86	B	1615	$\frac{1}{2}$	$1 \frac{5}{8}$	$1 \frac{1}{2}$	3	1.8	1.2	PHS 80-1TB12
13	4.66	4.18	B	1615	$\frac{1}{2}$	$1 \frac{5}{8}$	$1 \frac{1}{2}$	3	2.3	1.2	PHS 80-1TB13
14	4.98	4.49	B	1615	$\frac{1}{2}$	$1 \frac{5}{8}$	$1 \frac{1}{2}$	$3 \frac{1}{4}$	2.5	1.2	PHS 80-1TB14
15	5.30	4.81	B	1615	$\frac{1}{2}$	$1 \frac{5}{8}$	$1 \frac{1}{2}$	$3 \frac{1}{4}$	2.7	1.2	PHS 80-1TB15
16	5.63	5.13	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	2.8	1.7	PHS 80-1TB16
17	5.95	5.44	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	3.1	1.7	PHS 80-1TB17
18	6.27	5.76	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	2.6	1.7	PHS 80-1TB18
19	6.59	6.08	B	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	$3 \frac{9}{16}$	4.1	1.7	PHS 80-1TB19
20	6.91	6.39	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	5.5	1.7	PHS 80-1TB20
21	7.24	6.71	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	6.0	3.5	PHS 80-1TB21
22	7.55	7.03	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	6.5	3.5	PHS 80-1TB22
23	7.88	7.34	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	7.0	3.5	PHS 80-1TB23
24	8.20	7.66	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	7.5	3.5	PHS 80-1TB24
25	8.52	7.98	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	8.1	3.5	PHS 80-1TB25
26	8.84	8.30	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	8.8	3.5	PHS 80-1TB26
27	9.16	8.61	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	9.0	3.5	PHS 80-1TB27
28	9.47	8.93	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	9.5	3.5	PHS 80-1TB28
30	10.11	9.57	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	11.5	3.5	PHS 80-1TB30
32	10.75	10.20	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	12.0	3.5	PHS 80-1TB32
35	11.71	11.16	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	15.2	3.5	PHS 80-1TB35
36	12.03	11.47	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	17.0	3.5	PHS 80-1TB36
40	13.31	12.75	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	21.0	3.5	PHS 80-1TB40
45	14.90	14.34	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	26.5	3.5	PHS 80-1TB45
48	15.86	15.29	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	29.5	3.5	PHS 80-1TB48
54	17.77	17.20	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	38.5	3.5	PHS 80-1TB54
60	19.68	19.11	B	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	45.0	3.5	PHS 80-1TB60
70	22.87	22.29	B	3020	$1 \frac{1}{4}$	3	2	$5 \frac{1}{4}$	52.3	6.5	PHS 80-1TB70
80	26.05	25.47	B	3020	$1 \frac{1}{4}$	3	2	$5 \frac{1}{4}$	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

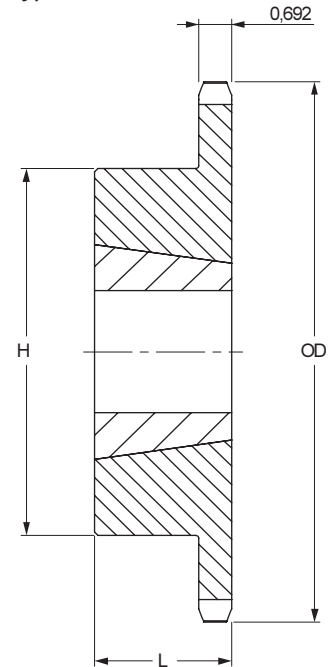
ANSI 100-1 1 1/4" Pitch

Taper Bushed Type B

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

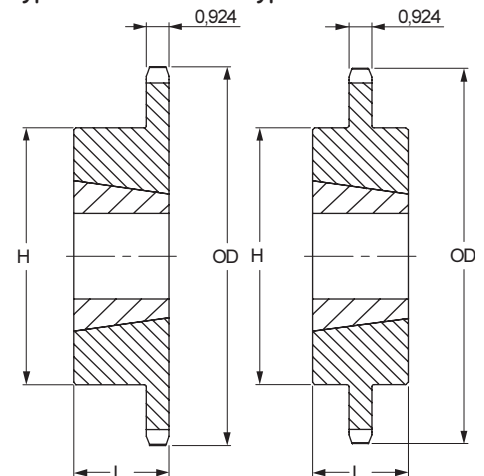
Taper Bushed Type B/C

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



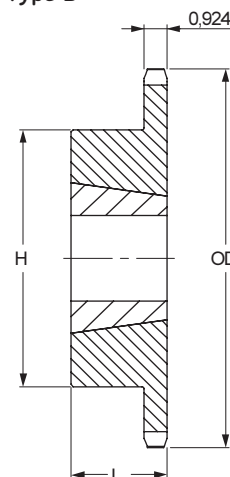
ANSI 140-1 1 3/4" Pitch

Taper Bushed Type B/C

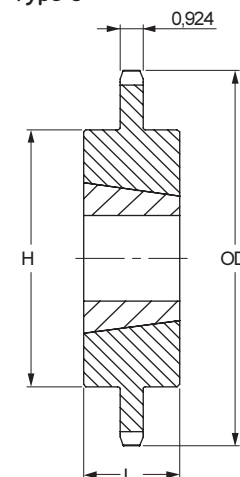
No. Teeth	Diameter		Type	Bushing Size	Bore		Dimensions		Weight		Designation
	Outside	Pitch			Min	Max	L	H	Rim	Bushing	
	Inch	Inch			Inch	Inch	Inch	Inch	lbs	lbs	
12	7,58	6,76	B	2517	$\frac{3}{4}$	$2\frac{1}{2}$	$1\frac{3}{4}$	$4\frac{1}{4}$	7,0	3,5	PHS 140-1TB12
13	8,15	7,31	B	3020	$1\frac{1}{4}$	3	2	$5\frac{1}{4}$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



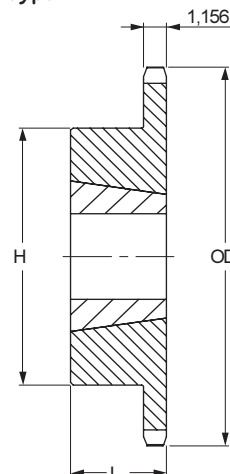
ANSI 160-1 2" Pitch

Taper Bushed Type B/C

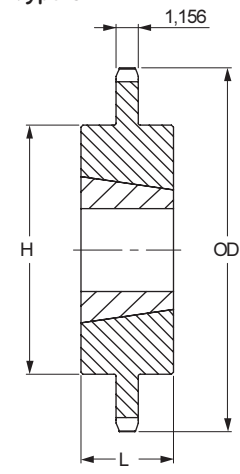
No. Teeth	Diameter		Type	Bushing Size	Bore		Dimensions		Weight		Designation
	Outside	Pitch			Min	Max	L	H	Rim	Bushing	
	Inch	Inch			Inch	Inch	Inch	Inch	lbs	lbs	
11	8,01	7,10	B	2517	$\frac{3}{4}$	$2\frac{1}{2}$	$1\frac{3}{4}$	$4\frac{1}{4}$	9,0	3,5	PHS 160-1TB11
12	8,66	7,73	B	3020	$1\frac{1}{4}$	3	2	$5\frac{1}{4}$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

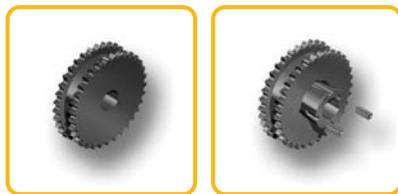
For hardened teeth sprockets, add "H" after the sprocket profile e.g. PHS 08B-1AH8.

Type B



Type C





ANSI sprockets

Double Simplex

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

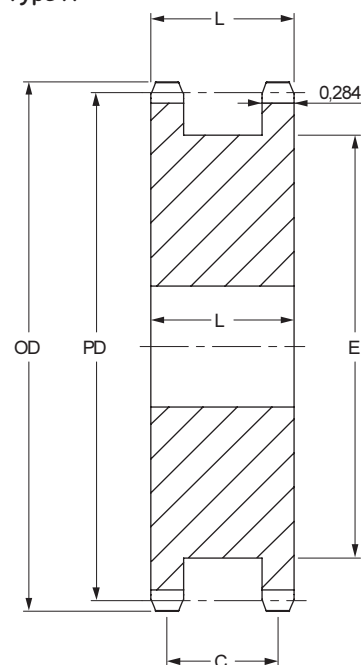
ANSI 40-1 1/2" Pitch

Double Simplex Type A

No. Teeth	Diameter		Type	Bore		Dimensions			Weight	Designation
	Outside	Pitch		Min	Max	L	C	E		
	Inch	Inch		Inch	Inch	Inch	Inch	Inch		
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



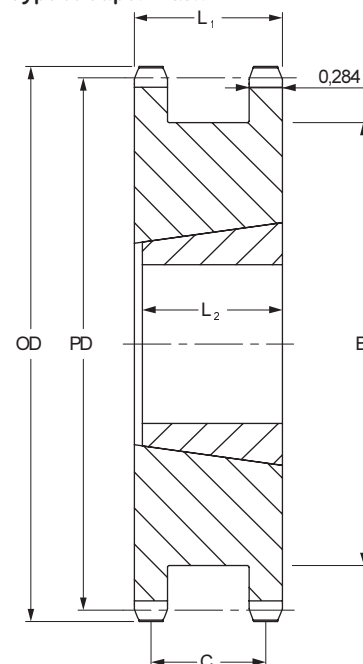
Double Simplex Taper Bushed Type A

No. Teeth	Bushing Size	Diameters		Type	Bore		Dimensions				Weight*	Designation
		Outside	Pitch		Min	Max	L ₁	C	E	L ₂		
		Inch	Inch		Inch	Inch	Inch	Inch	Inch	Inch		
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



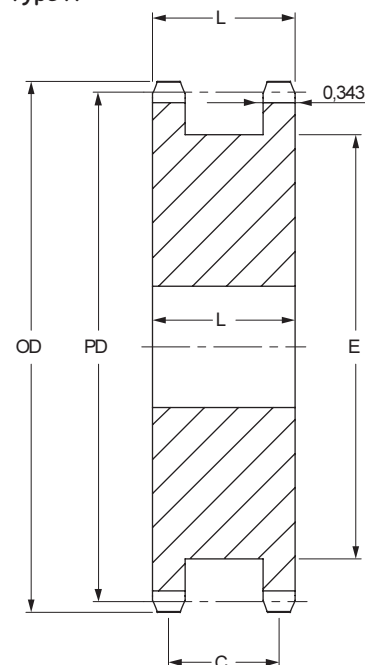
ANSI 50-1 5/8" Pitch

Double Simplex Type A

No. Teeth	Diameter		Type	Bore		Dimensions			Weight	Designation
	Outside	Pitch		Min	Max	L	C	E		
	Inch	Inch		Inch	Inch	Inch	Inch	Inch		
15	3,32	3,01	A	$\frac{5}{8}$	1 $\frac{1}{2}$	1 $\frac{21}{32}$	1 $\frac{3}{16}$	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 $\frac{5}{16}$	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 $\frac{5}{16}$	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 $\frac{5}{16}$	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 $\frac{5}{16}$	3 $\frac{9}{64}$	3.7	PHS 50-1DSA19
20	4,32	4,00	A	$\frac{5}{8}$	2 $\frac{1}{4}$	1 $\frac{21}{32}$	1 $\frac{5}{16}$	3 $\frac{9}{32}$	4.2	PHS 50-1DSA20
21	4,52	4,19	A	$\frac{5}{8}$	2 $\frac{1}{4}$	1 $\frac{21}{32}$	1 $\frac{5}{16}$	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 $\frac{5}{16}$	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 $\frac{5}{16}$	3 $\frac{57}{64}$	5.8	PHS 50-1DSA23
24	5,12	4,79	A	$\frac{5}{8}$	2 $\frac{1}{4}$	1 $\frac{21}{32}$	1 $\frac{5}{16}$	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



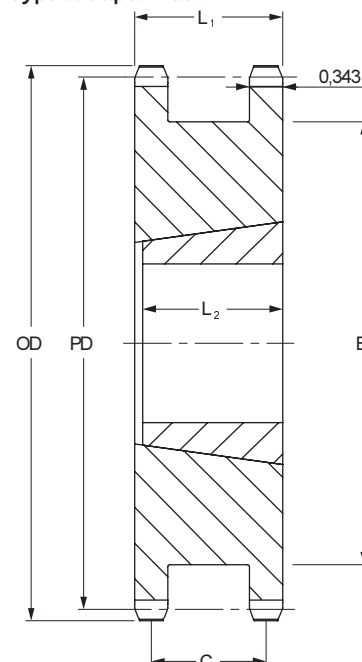
Double Simplex Taper Bushed Type A

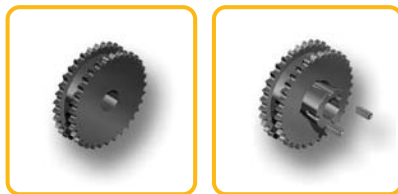
No. Teeth	Bushing Size	Diameters		Type	Bore		Dimensions				Weight*	Designation
		Pitch	Min		Max	L ₁	C	E	L ₂	Inch		
		Inch	Inch		Inch	Inch	Inch	Inch	Inch	lbs		
16	1215	3.52	3.20	A	$\frac{1}{2}$	1 $\frac{5}{8}$	1 $\frac{21}{32}$	1 $\frac{5}{16}$	2 $\frac{31}{64}$	1 $\frac{1}{2}$	3.0	PHS 50-1DSTB16
17	1615	3.72	3.40	A	$\frac{1}{2}$	1 $\frac{5}{8}$	1 $\frac{21}{32}$	1 $\frac{5}{16}$	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 $\frac{5}{16}$	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 $\frac{5}{16}$	3 $\frac{9}{64}$	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 $\frac{5}{16}$	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 $\frac{5}{16}$	3 $\frac{31}{64}$	1 $\frac{1}{4}$	3.3	PHS 50-1DSTB21
23	2012	4.92	4.59	A	$\frac{1}{2}$	2	1 $\frac{21}{32}$	1 $\frac{5}{16}$	3 $\frac{57}{64}$	1 $\frac{1}{4}$	3.7	PHS 50-1DSTB23
24	2012	5.12	4.79	A	$\frac{1}{2}$	2	1 $\frac{21}{32}$	1 $\frac{5}{16}$	4 $\frac{5}{64}$	1 $\frac{1}{4}$	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

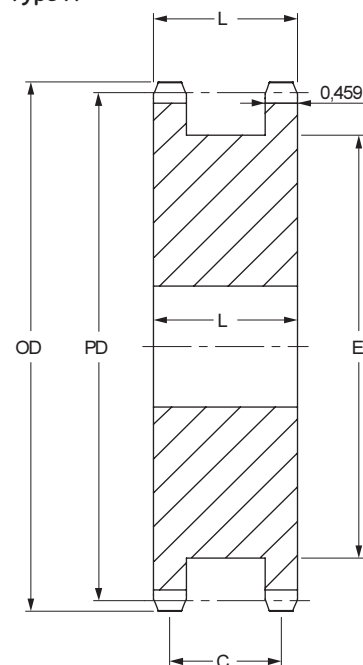
ANSI 60-1 3/4" Pitch

Double Simplex Type A

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

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

Type A



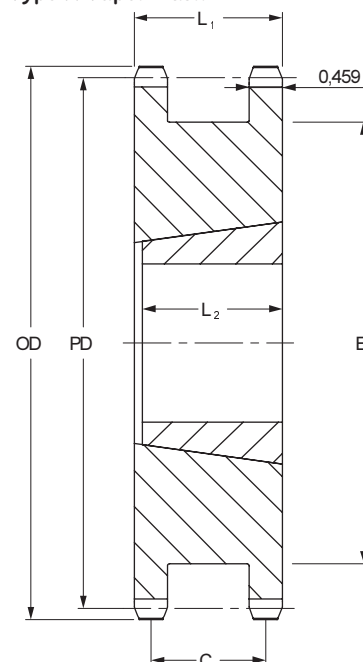
Double Simplex Taper Bushed Type A

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



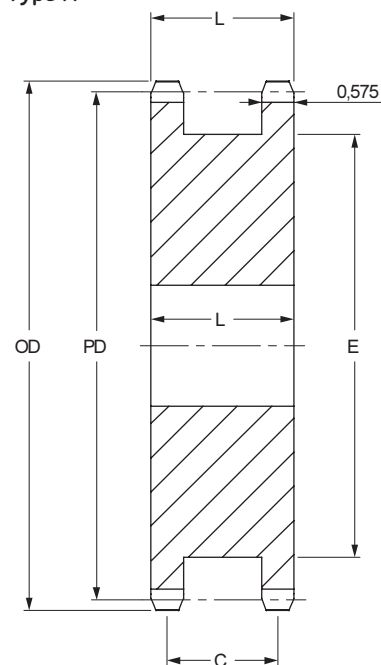
ANSI 80-1 1" Pitch

Double Simplex Type A

No. Teeth	Diameter		Type	Bore		Dimensions			Weight	Designation
	Outside	Pitch		Min	Max	L	C	E		
	Inch	Inch		Inch	Inch	Inch	Inch	Inch		
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 ³ / ₈	2 ³ / ₁₆	1 ⁵ / ₈	3 ¹³ / ₁₆	9,1	PHS 80-1DSA15
16	5,63	5,13	A	1	2 ¹¹ / 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



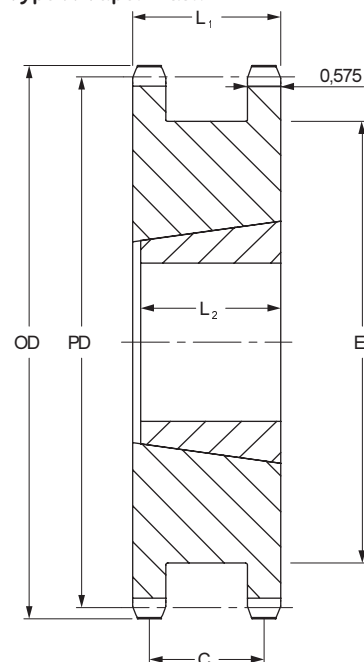
Double Simplex Taper Bushed Type A

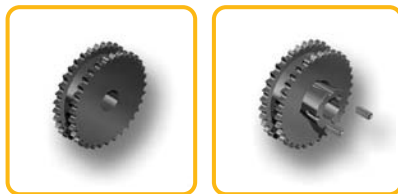
No. Teeth	Bushing Size	Diameters		Type	Bore		Dimensions				Weight*	Designation
		Outside	Pitch		Min	Max	L ₁	C	E	L ₂		
		Inch	Inch		Inch	Inch	Inch	Inch	Inch	Inch	lbs	
17	2517	5,95	5,44	A	¹ / ₂	2 ¹ / ₂	2 ³ / ₁₆	1 ⁵ / ₈	4 ⁵ / ₁₆	1 ³ / ₄	7,6	PHS 80-1DSTB17
18	2517	6,27	5,76	A	¹ / ₂	2 ¹ / ₂	2 ³ / ₁₆	1 ⁵ /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

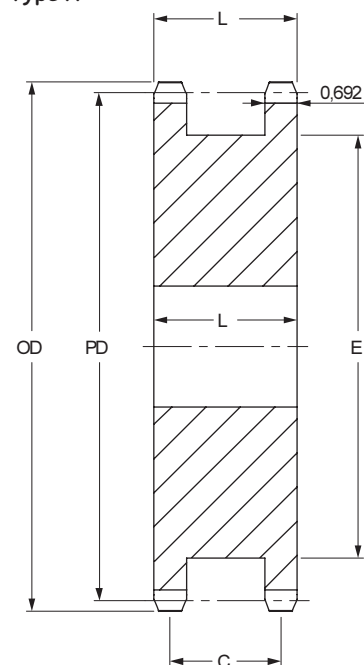
ANSI 100-1 1 1/4" Pitch

Double Simplex Type A

No. Teeth	Diameter		Type	Bore		Dimensions			Weight	Designation
	Outside	Pitch		Min	Max	L	C	E		
	Inch	Inch		Inch	Inch	Inch	Inch	Inch	lbs	
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 51/64	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 3/16	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



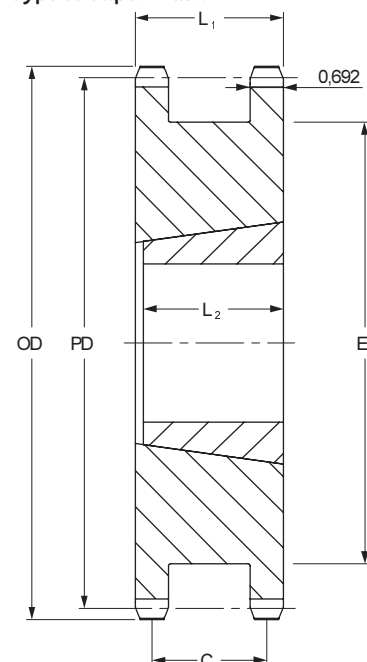
Double Simplex Taper Bushed Type A

No. Teeth	Bushings Size	Diameters		Type	Bore		Dimensions				Weight*	Designation
		Outside	Pitch		Min	Max	L1	C	E	L2		
		Inch	Inch		Inch	Inch	Inch	Inch	Inch	Inch	lbs	
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 51/64	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 7/2	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.

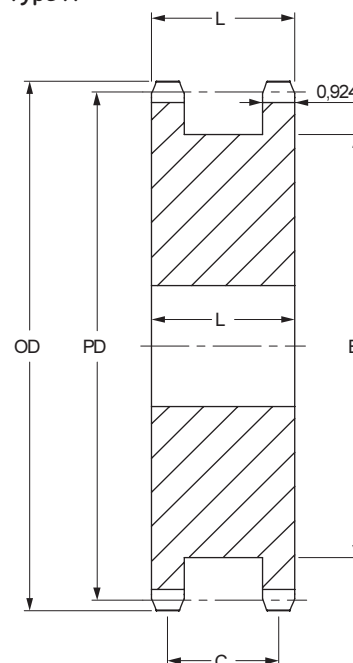
ANSI 160-1 2" Pitch

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 13/16	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

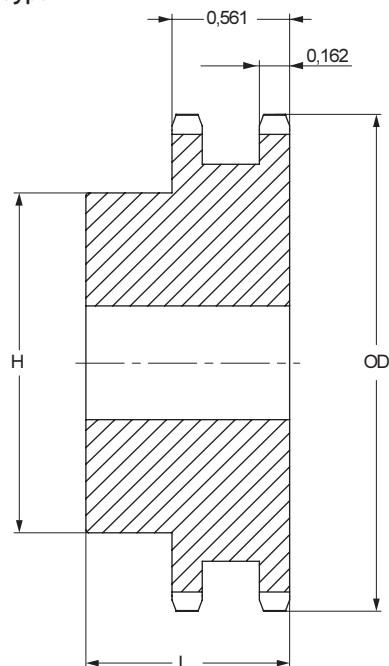
Duplex

Pilot Bore

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

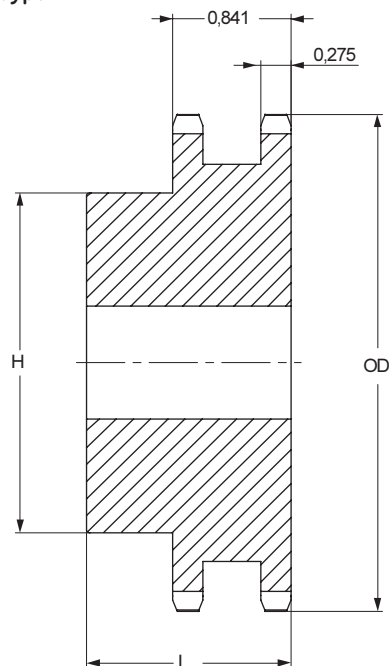
ANSI 35-2 3/8" Pitch

Type B



ANSI 40-2 1/2" Pitch

Type B



Pilot Bore Type B

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
	Inch		Inch	Inch	Inch	Inch	lbs	
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 13/32	1 1/4	0.56	PHS 35-2B15
16	2.11	B	1/2	15/16	1 15/32	1 1/4	0.64	PHS 35-2B16
17	2.23	B	1/2	11/16	1 13/32	1 1/4	0.74	PHS 35-2B17
18	2.35	B	1/2	13/16	1 23/32	1 1/4	0.84	PHS 35-2B18
19	2.47	B	1/2	15/16	1 7/8	1 1/4	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	Inch	lbs	
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 13/16	1 1/2	1.08	PHS 40-2B14
15	2.65	B	1/2	1 1/4	1 13/16	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 1/8	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 3/8	1 1/2	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 3/4	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.



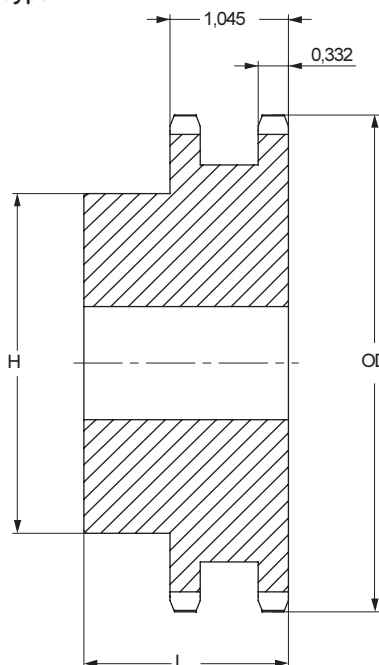
ANSI sprockets



Duplex
Pilot Bore

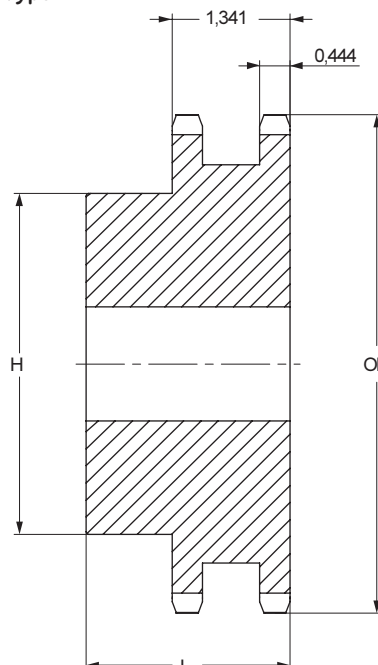
ANSI 50-2 5/8" Pitch

Type B

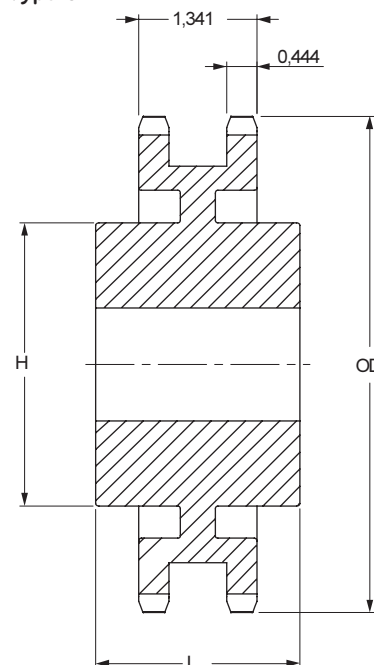


ANSI 60-2 3/4" Pitch

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	Inch	lbs	
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 1/16	1 7/8	1 3/4	1,56	PHS 50-2B13
14	3,11	B	5/8	1 1/8	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 1/8	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 7/8	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 1/2	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 3/8	13,94	PHS 50-2B36
40	8,32	B	1 3/16	2 3/4	4	2 3/8	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	45,64	PHS 50-2B76
84	17,08	B	1 3/16	3	4 1/2	2 3/8	51,64	PHS 50-2B84
95	19,27	B	1 3/16	3	4 1/2	2 3/8	64,32	PHS 50-2B95
96	19,47	B	1 3/16	3	4 1/2	2 3/8	67,42	PHS 50-2B96
102	20,66	B	1 3/16	3	4 1/2	2 3/8	72,68	PHS 50-2B102
112	22,65	B	1 3/16	3 5/16	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	Inch	lbs	
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 1/8	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 1/2	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 1/8	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 1/8	19,52	PHS 60-2B32
35	8,78	B	1 1/4	3	4 1/2	2 1/8	22,80	PHS 60-2B35
36	9,02	B	1 1/4	3	4 1/2	2 1/8	23,82	PHS 60-2B36
40	9,98	B	1 1/4	3 1/4	4 3/4	2 1/8	30,84	PHS 60-2B40
42	10,46	B	1 1/4	3 1/4	4 3/4	2 1/8	33,08	PHS 60-2B42
45	11,18	B	1 1/4	3 1/4	4 3/4	2 1/8	37,08	PHS 60-2B45
52	12,85	B	1 1/4	3 1/4	4 3/4	2 1/8	48,70	PHS 60-2B52
60	14,76	B	1 1/4	3 1/4	4 3/4	2 1/8	63,10	PHS 60-2B60
68	16,67	C	1 1/4	3 1/4	5	3	53,68	PHS 60-2C68
72	17,63	C	1 1/4	3 1/4	5	3	53,74	PHS 60-2C72
76	18,58	C	1 1/4	3 1/4	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

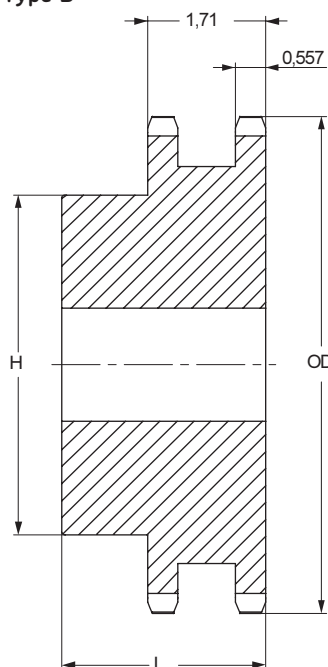
Pilot Bore

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

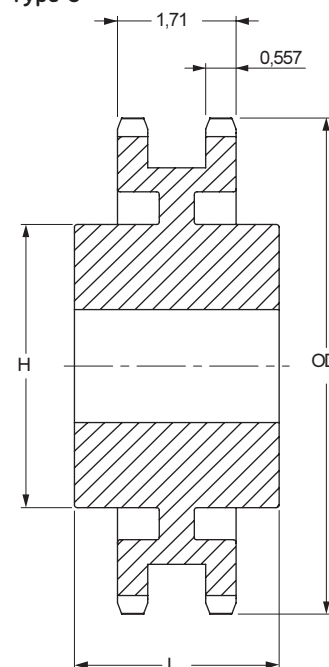
ANSI 80-2 1" Pitch

ANSI 100-2 1 1/4" Pitch

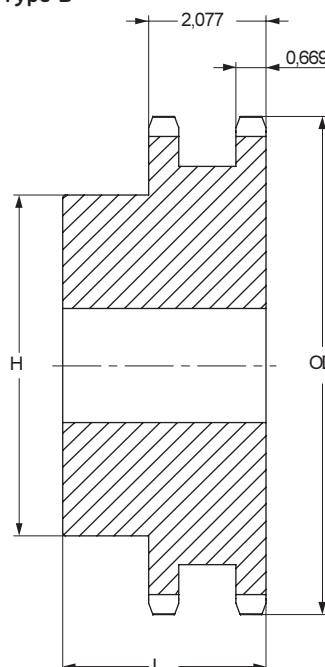
Type B



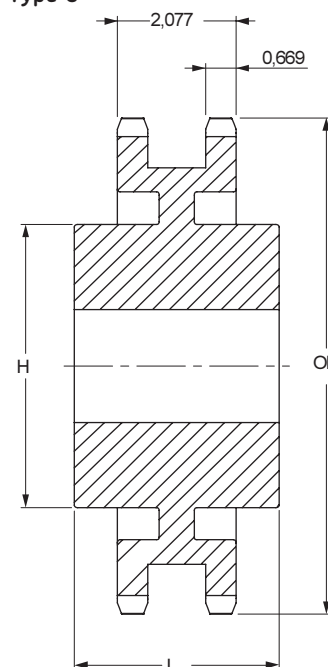
Type C



Type B



Type C



Pilot Bore Type B/C

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
	Inch		Inch	Inch	Inch	Inch	lbs	
10	3.68	B	1	1 1/2	2 7/16	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 1/2	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 1/4	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 1/8	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 1/2	5 3/4	3 3/4	78.40	PHS 80-2C52
60	19.68	C	1	3 1/2	5 3/4	3 3/4	93.30	PHS 80-2C60
68	22.23	C	1	3 1/2	5 3/4	6	96.20	PHS 80-2C68
76	24.78	C	1	3 1/2	5 3/4	6	113.00	PHS 80-2C76
95	30.83	C	1	3 1/2	4	6	165.00	PHS 80-2C95

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.

Pilot Bore Type B/C

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
	Inch		Inch	Inch	Inch	Inch	lbs	
9	4.18	B	1	1 5/8	2 7/8	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 3/16	2 7/8	13.60	PHS 100-2B14
15	6.63	B	1	2 3/4	4 3/8	3 1/8	17.10	PHS 100-2B15
16	7.03	B	1	3 1/16	5	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 3/4	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 1/2	5 3/4	6	75.00	PHS 100-2C35
45	18.63	C	1	3 1/2	5 3/4	6	103.00	PHS 100-2C45
60	24.60	C	1	3 1/2	5 3/4	7 1/2	175.00	PHS 100-2C60
70	28.58	C	1	3 1/2	5 3/4	7 1/2	197.00	PHS 100-2C70
80	32.57	C	1	3 1/2	5 3/4	7 1/2	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.

ANSI sprockets

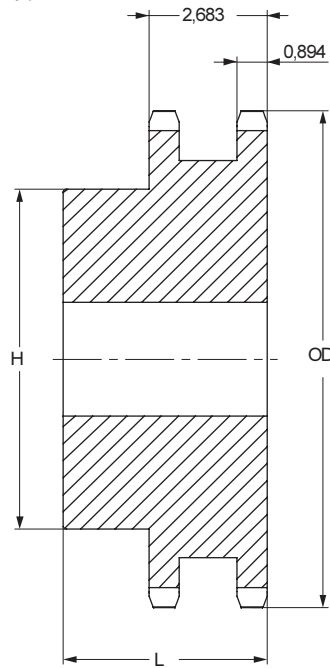
Duplex
Pilot Bore



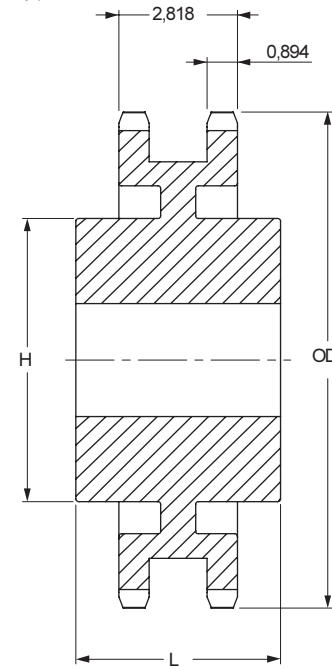
ANSI 120-2 1 1/2" Pitch

ANSI 140-2 1 3/4" Pitch

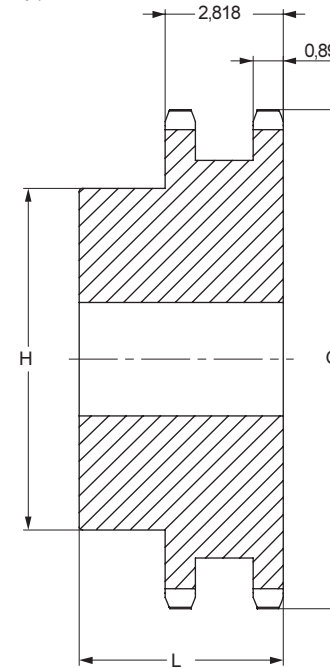
Type B



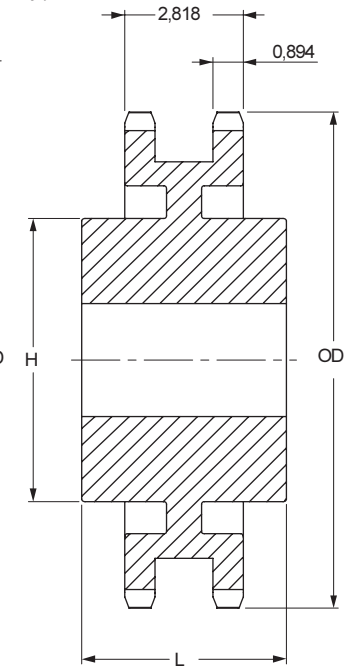
Type C



Type B



Type C



Pilot Bore Type B/C

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	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 1/4	3 3/4	41,90	PHS 120-2B18
19	9,89	B	1 1/2	3 1/2	5 1/4	3 3/4	46,50	PHS 120-2B19
20	10,37	B	1 1/2	3 3/2	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 1/2	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	Designation
			Min	Max	H	L		
			Inch	Inch	Inch	Inch		
13	8,15	B	1 5/8	3 3/16	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

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

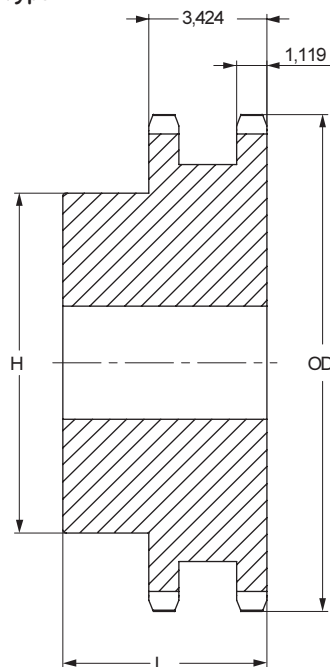
Pilot Bore

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

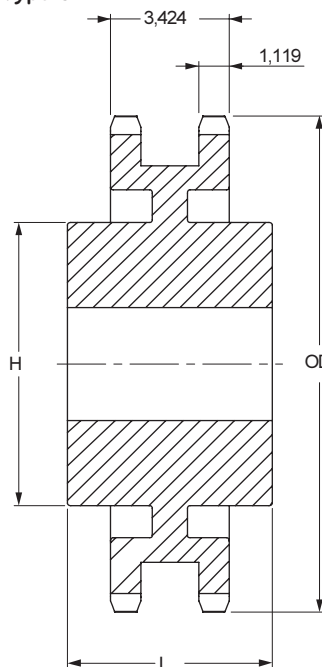
ANSI 160-2 2" Pitch

ANSI 200-2 2 1/2" Pitch

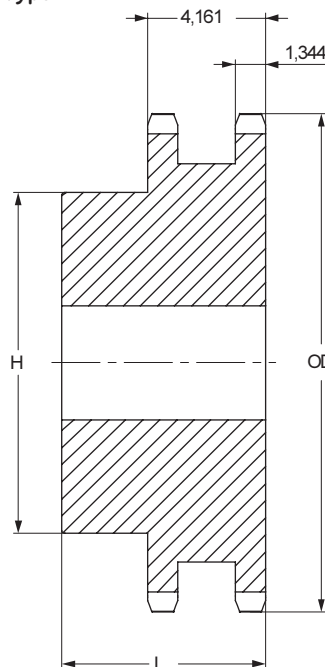
Type B



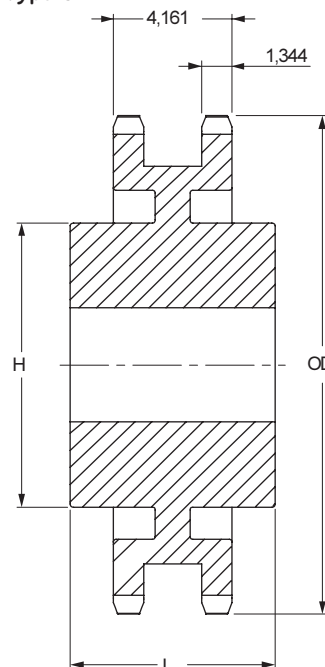
Type C



Type B



Type 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

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	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.



ANSI sprockets

Duplex
Taper Bushed

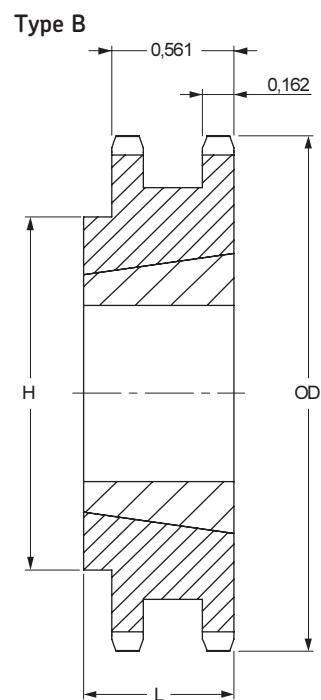


ANSI 35-2 3/8" Pitch

Taper Bushed Type B

No. Teeth	Diameter		Type	Bushing Number	Bore		Dimensions		Weight		Designation
	Outside	Pitch			Min	Max	L	H	Rim	Bushing	
	Inch	Inch			Inch	Inch	Inch	Inch	lbs	lbs	
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.





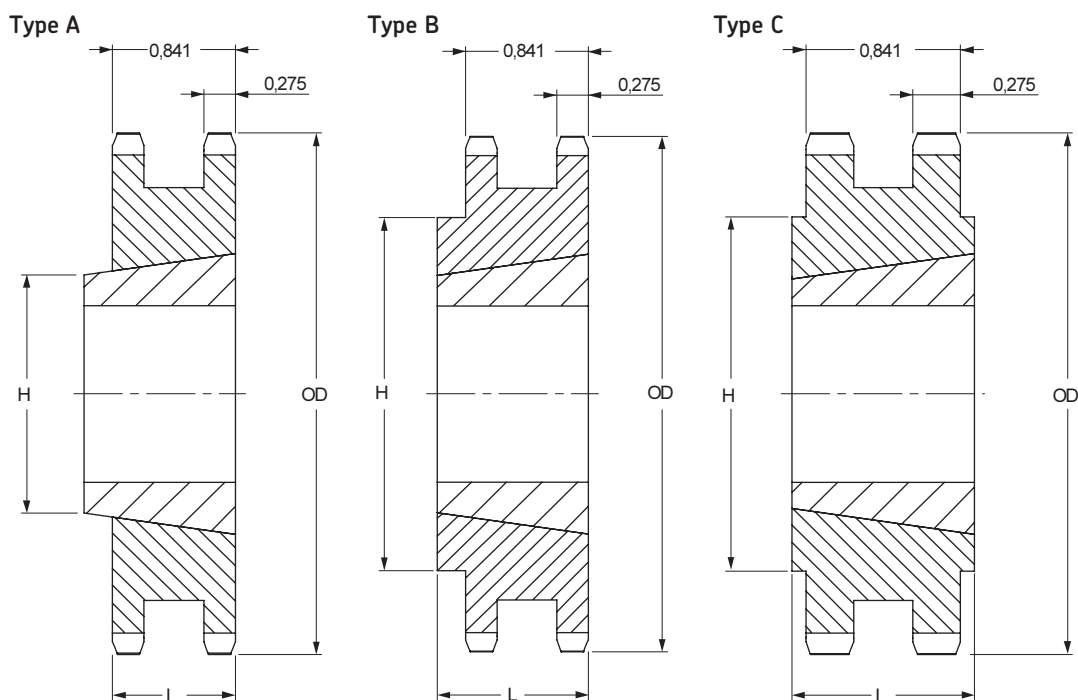
ANSI sprockets

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	$2 \frac{1}{2}$	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.

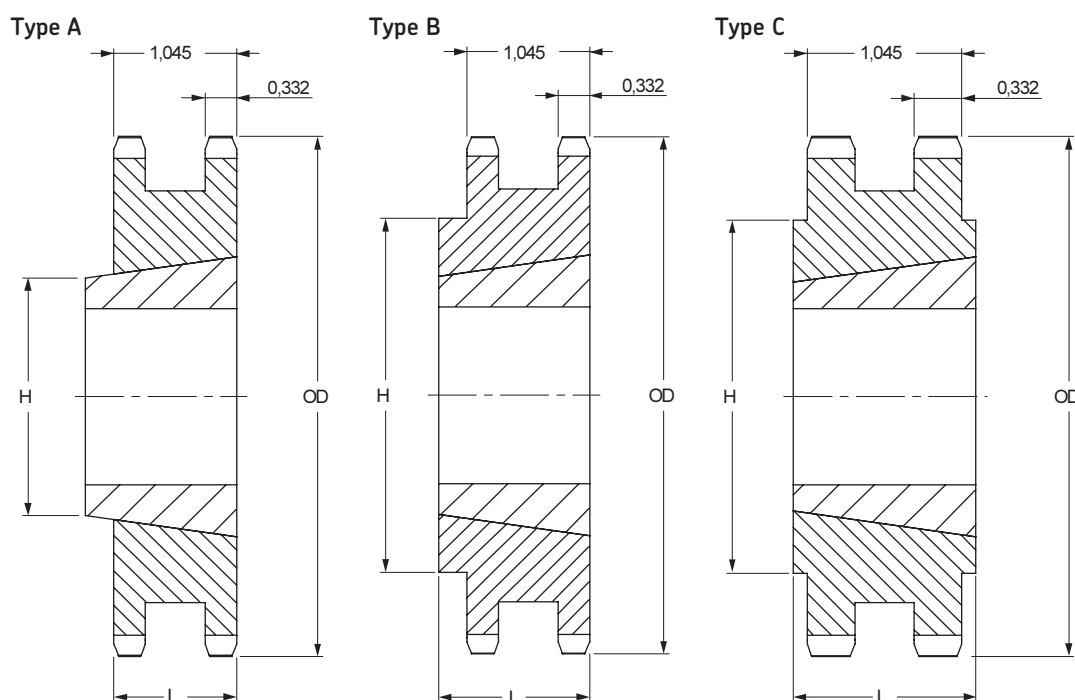


ANSI sprockets

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.



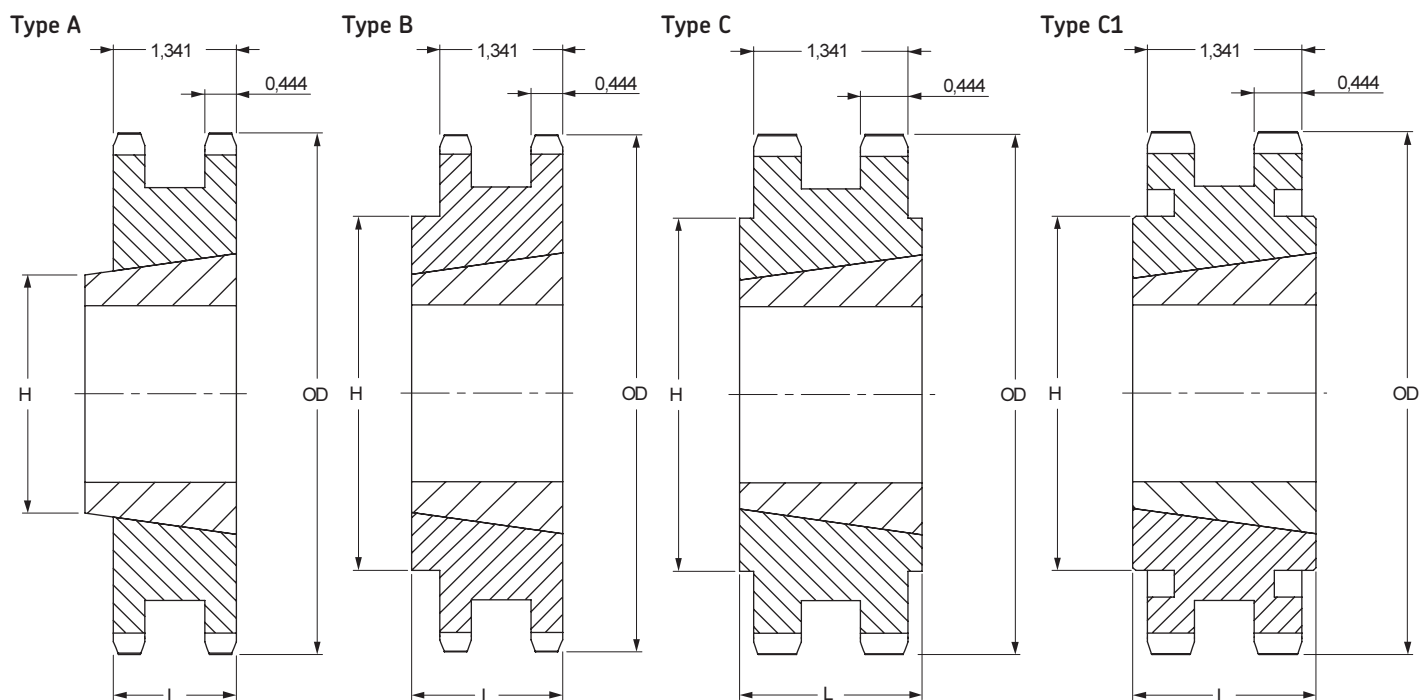
ANSI sprockets

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	$\frac{5}{8}$	$1 \frac{1}{4}$	$1 \frac{1}{2}$	$2 \frac{1}{4}$	1,2	1,6	PHS 60-2TB13
14	3,74	3,37	B	1215	$\frac{5}{8}$	$1 \frac{1}{4}$	$1 \frac{1}{2}$	$2 \frac{1}{2}$	1,6	1,7	PHS 60-2TB14
15	3,98	3,61	B	1615	$\frac{1}{2}$	$1 \frac{3}{8}$	$1 \frac{1}{2}$	$2 \frac{13}{16}$	1,3	1,8	PHS 60-2TB15
16	4,22	3,84	B	1615	$\frac{1}{2}$	$1 \frac{3}{8}$	$1 \frac{1}{2}$	3	2,2	2,3	PHS 60-2TB16
17	4,46	4,08	B	1615	$\frac{1}{2}$	$1 \frac{5}{8}$	$1 \frac{1}{2}$	$3 \frac{1}{4}$	2,5	2,8	PHS 60-2TB17
18	4,70	4,32	A	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	—	3,0	2,4	PHS 60-2TB18
19	4,95	4,56	A	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	—	3,5	2,9	PHS 60-2TB19
20	5,18	4,79	B	2517	$\frac{3}{4}$	$1 \frac{1}{2}$	$1 \frac{3}{4}$	$3 \frac{63}{64}$	4,0	2,9	PHS 60-2TB20
21	5,43	5,03	B	2517	$\frac{3}{4}$	$1 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{3}{16}$	5,0	3,8	PHS 60-2TB21
25	6,39	4,98	B	2517	$\frac{3}{4}$	$1 \frac{1}{2}$	$1 \frac{3}{4}$	$5 \frac{3}{32}$	7,5	7,4	PHS 60-2TB25
30	7,59	7,17	B	2517	$\frac{3}{4}$	$1 \frac{1}{2}$	$1 \frac{3}{4}$	$6 \frac{11}{32}$	13,5	13,3	PHS 60-2TB30
36	9,02	8,61	C	2517	$\frac{3}{4}$	$1 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	17,5	17,4	PHS 60-2TB36
42	10,46	10,04	C	2517	$\frac{3}{4}$	$1 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	25,5	25,0	PHS 60-2TB42
45	11,18	10,75	C	2517	$\frac{3}{4}$	$1 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	29,5	29,3	PHS 60-2TB45
52	12,85	12,42	C	2517	$\frac{3}{4}$	$1 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	41,0	40,3	PHS 60-2TB52
60	14,76	14,33	C1	2517	$\frac{3}{4}$	$1 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{4}$	32,5	33,5	PHS 60-2TB60
68	16,67	16,24	C1	2517	$\frac{3}{4}$	$1 \frac{1}{2}$	$1 \frac{3}{4}$	$4 \frac{1}{2}$	36,5	43,2	PHS 60-2TB68
76	18,58	18,15	C1	3020	$1 \frac{1}{4}$	3	2	$5 \frac{1}{4}$	42,5	47,8	PHS 60-2TB76
95	23,12	22,68	C1	3020	$1 \frac{1}{4}$	3	2	$5 \frac{1}{4}$	48,5	69,8	PHS 60-2TB95

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

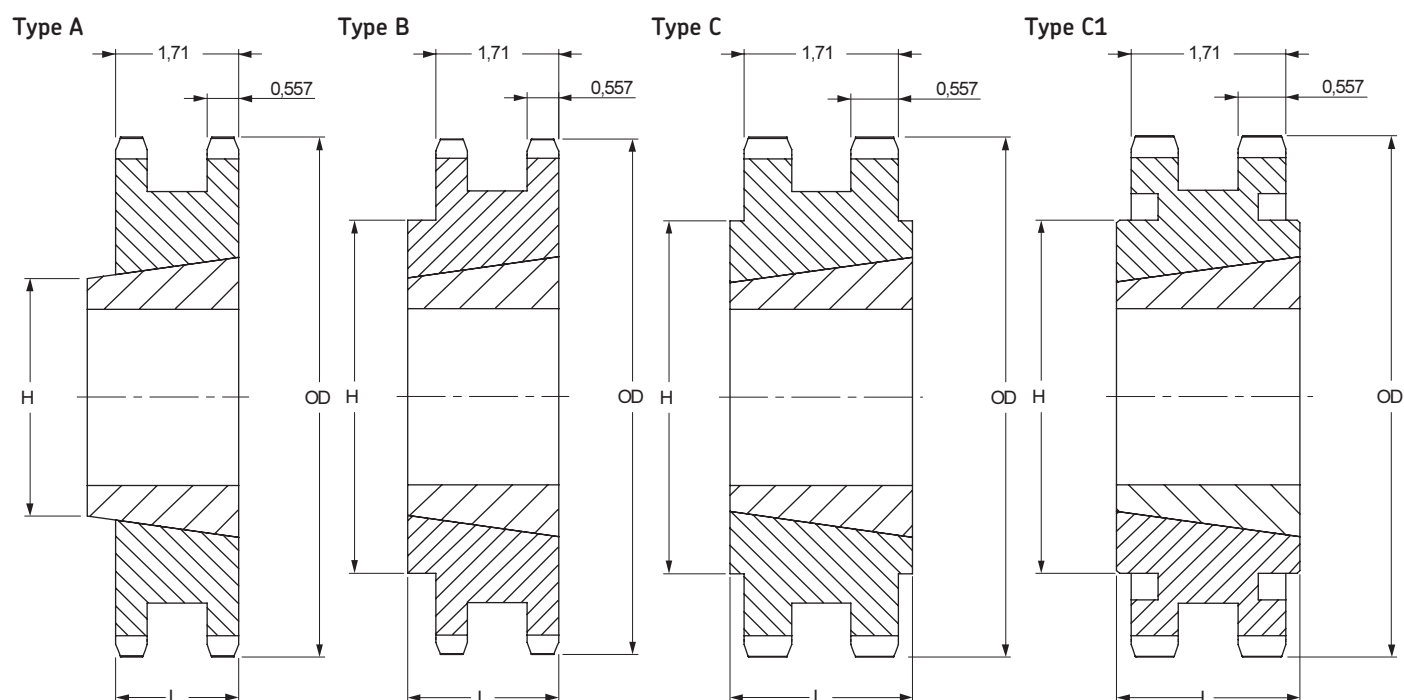


ANSI sprockets

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	
					Inch	Inch	Inch	Inch	Inch	Inch	
13	4,66	4,18	A	1615	$\frac{1}{2}$	$1 \frac{5}{8}$	$1 \frac{1}{2}$	—	3,4	1,2	PHS 80-2TB13
14	4,98	4,49	A	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	—	3,5	1,7	PHS 80-2TB14
15	5,30	4,81	A	2012	$\frac{3}{4}$	2	$1 \frac{1}{4}$	—	4,3	1,7	PHS 80-2TB15
16	5,63	5,13	A	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$3 \frac{1}{8}$	3,8	3,5	PHS 80-2TB16
17	5,95	5,44	A	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$3 \frac{1}{8}$	5,1	3,5	PHS 80-2TB17
18	6,27	5,76	A	2517	$\frac{3}{4}$	$2 \frac{1}{2}$	$1 \frac{3}{4}$	$3 \frac{1}{8}$	6,4	3,5	PHS 80-2TB18
19	6,59	6,08	B	3020	$1 \frac{1}{4}$	3	2	5	5,6	6,5	PHS 80-2TB19
20	6,91	6,39	B	3020	$1 \frac{1}{4}$	3	2	$5 \frac{1}{4}$	7,1	6,5	PHS 80-2TB20
21	7,24	6,71	B	3020	$1 \frac{1}{4}$	3	2	$5 \frac{9}{16}$	8,9	6,5	PHS 80-2TB21
25	8,52	7,98	B	3020	$1 \frac{1}{4}$	3	2	$6 \frac{7}{8}$	16,5	6,5	PHS 80-2TB25
30	10,11	9,57	C	3020	$1 \frac{1}{4}$	3	2	$5 \frac{1}{4}$	25,1	6,5	PHS 80-2TB30
36	12,03	11,47	C	3020	$1 \frac{1}{4}$	3	2	$5 \frac{1}{4}$	39,4	6,5	PHS 80-2TB36
42	13,94	13,39	C	3020	$1 \frac{1}{4}$	3	2	$5 \frac{1}{4}$	36,4	6,5	PHS 80-2TB42
45	14,90	14,34	C1	3020	$1 \frac{1}{4}$	3	2	$5 \frac{1}{4}$	41,4	6,5	PHS 80-2TB45
52	17,13	16,56	C1	3020	$1 \frac{1}{4}$	3	2	$5 \frac{1}{4}$	56,2	6,5	PHS 80-2TB52
60	19,68	19,11	C1	3020	$1 \frac{1}{4}$	3	2	$5 \frac{1}{4}$	66,3	6,5	PHS 80-2TB60
68	22,23	21,65	C1	3020	$1 \frac{1}{4}$	3	2	$5 \frac{1}{4}$	72,0	6,5	PHS 80-2TB68
76	24,78	24,20	C1	3020	$1 \frac{1}{4}$	3	2	$5 \frac{1}{4}$	89,1	6,5	PHS 80-2TB76
95	30,83	30,25	C1	3020	$1 \frac{1}{4}$	3	2	$5 \frac{1}{4}$	112,0	6,5	PHS 80-2TB95

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



ANSI sprockets

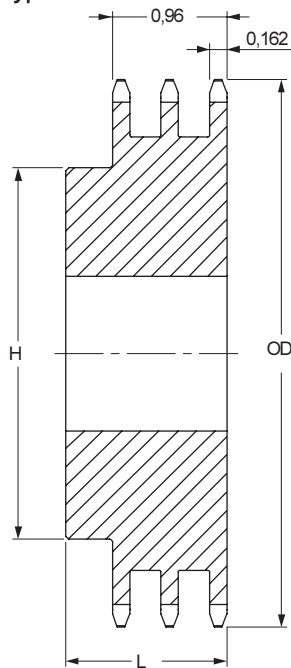
Triplex

Pilot Bore

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

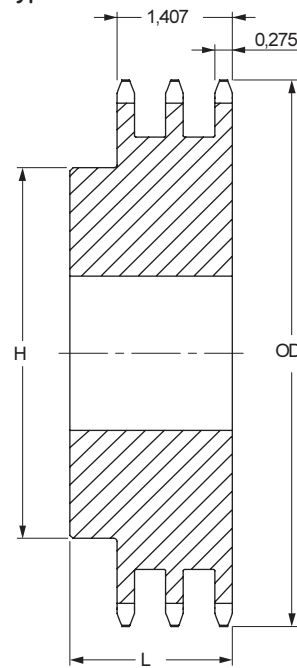
ANSI 35-3 3/8" Pitch

Type B



ANSI 40-3 1/2" Pitch

Type B



Pilot Bore Type B

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
	Inch		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 1/16	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	3/4	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 3/8	29,3	PHS 35-3B95
96	11,68	B	1	2 1/2	3 3/4	2 3/8	30,1	PHS 35-3B96
102	12,40	B	1	2 1/2	3 3/4	2 3/8	33,4	PHS 35-3B102
16	2,11	B	1/2	15/16	1 15/32	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	Inch		
11	2,00	B	1/2	3/4	1 7/16	2 1/8	0,8	PHS 40-3B11
12	2,17	B	1/2	15/16	1 9/16	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 11/16	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 3/8	2 1/8	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 3/16	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 7/8	2 1/8	2,3	PHS 40-3B17
18	3,14	B	5/8	1 1/2	2 7/16	2 1/8	2,7	PHS 40-3B18
21	3,62	B	5/8	1 7/8	2 3/4	2 1/4	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

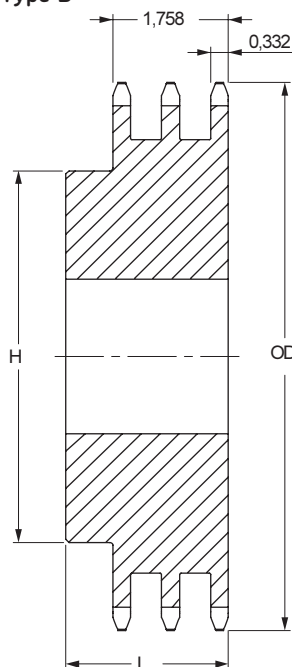
Triplex
Pilot Bore



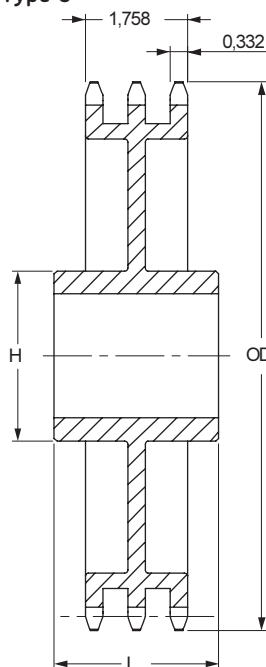
ANSI 50-3 5/8" Pitch

ANSI 60-3 3/4" Pitch

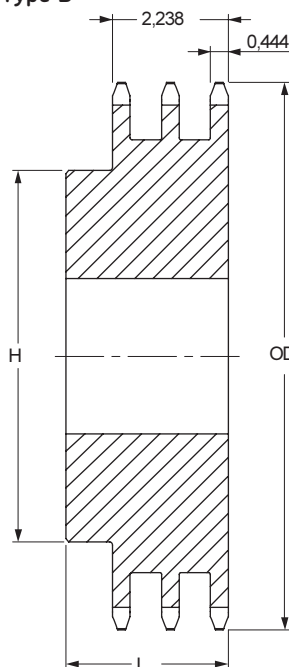
Type B



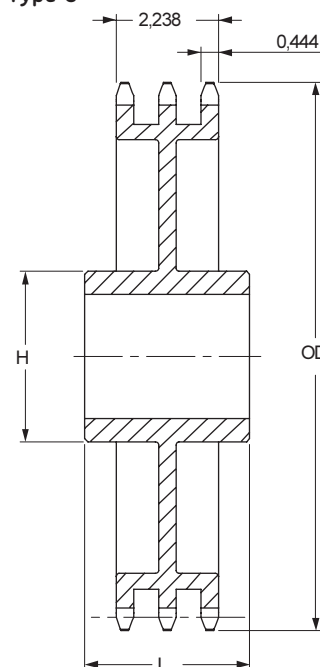
Type C



Type B



Type C



Pilot Bore Type B/C

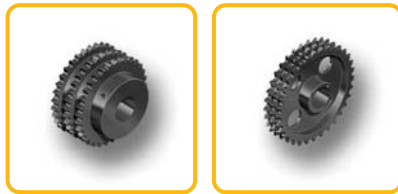
No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
	Inch		Inch	Inch	Inch	Inch	lbs	
11	2.50	B	5/8	15/16	1 15/32	2 1/2	1.4	PHS 50-3B11
12	2.71	B	5/8	1 1/8	1 11/16	2 1/2	1.8	PHS 50-3B12
13	2.91	B	5/8	1 1/8	1 7/8	2 1/2	2.3	PHS 50-3B13
14	3.11	B	5/8	1 3/8	2 1/16	2 1/2	2.7	PHS 50-3B14
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 5/8	20.6	PHS 50-3B36
42	8.72	B	1 3/16	2 3/4	4	2 5/8	27.5	PHS 50-3B42
48	9.91	B	1 3/16	2 3/4	4	3	36.6	PHS 50-3B48
52	10.71	B	1 3/16	2 3/4	4	3 3/8	42.5	PHS 50-3B52
60	12.30	B	1 5/16	3	4 1/2	3 3/8	56.8	PHS 50-3B60
68	13.89	B	1 5/16	3	4 1/2	3 3/8	73.2	PHS 50-3B68
72	14.69	C	1 5/16	3	4 3/4	3 1/2	54.4	PHS 50-3C72
76	15.49	C	1 5/16	3	4 3/4	3 1/2	51.2	PHS 50-3C76
84	17.08	C	1 5/16	3	4 3/4	3 1/2	65.3	PHS 50-3C84
95	19.27	C	1 5/16	3	4 3/4	3 1/2	74.4	PHS 50-3C95
102	20.66	C	1 5/16	3	4 3/4	3 1/2	79.9	PHS 50-3C102

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	Designation
			Min	Max	H	L		
	Inch		Inch	Inch	Inch	Inch	lbs	
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.

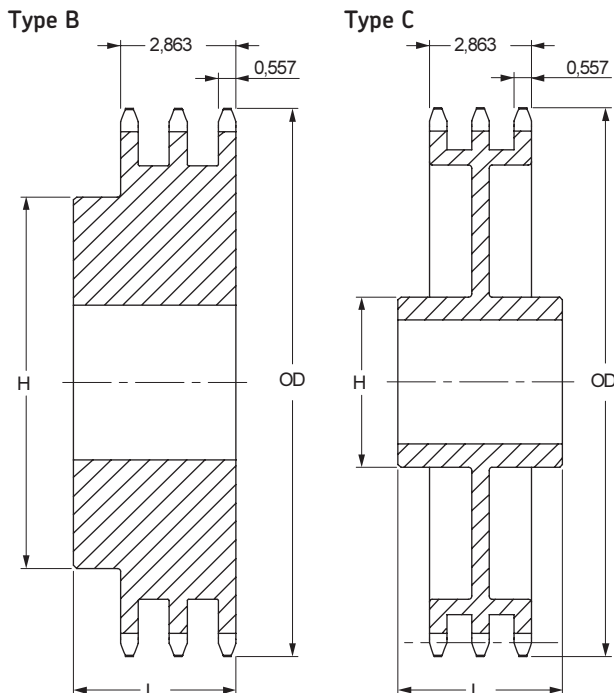


ANSI sprockets

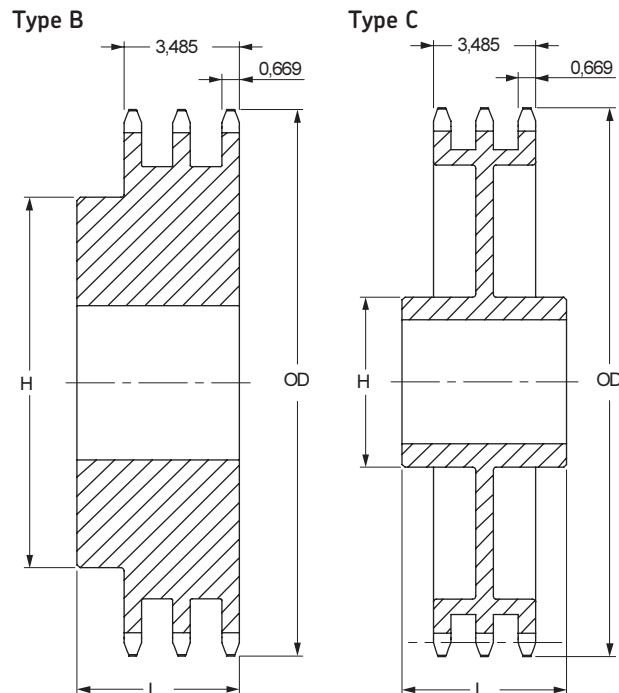
Triplex
Pilot Bore

- ▶ 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	Inch	Inch	lbs	
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 15/32	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 1/2	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 5/16	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 1/2	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 3/2	4 1/4	6 1/4	4 3/4	128.0	PHS 80-3C60
68	22.23	C	1 3/2	4 1/4	6 1/4	4 3/4	140.0	PHS 80-3C68
76	24.78	C	1 3/2	4 1/4	6 1/4	4 3/4	165.0	PHS 80-3C76
95	30.83	C	1 3/2	4 1/2	6 3/4	5	240.0	PHS 80-3C95

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.

Pilot Bore Type B/C

No. Teeth	Outside Diameter	Type	Bore		Hub		Weight	Designation
			Min	Max	H	L		
Inch	Inch		Inch	Inch	Inch	Inch	lbs	
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 1/8	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 1/2	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

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.

